Artificial Penetration 19

Marathon,

E.W. Brown, Jr., No. 11

THE OHIO OIL CO
WELL LOCATIONS
IN SECTION 29
T11S R13W
Aug - 95
Scale: 1"=600'
CALCASIEU PARISH, LA

DEPARTMENT OF CONSERVATION
PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., August 10, 19 51

PARISH Calcasieu
FIELD Phoenix Lake
OPERATOR The Ohio Oil Company
ADDRESS P. O. Box 1129, Shreveport 91, Louisiana
LOCATION OF WELL

660' from West line and 660' from North line
of Sec. 29 T. 11-S R. 13-W

You are hereby authorized to drill E. W. Brown, Jr.
Well No. 11 referred to under application bearing serial No. 43910
dated August 2, 19 51 signed by J. J. Prosser
This well to be drilled to 8500' Marginulina one on surface area of 40 acres
DRILLING CONTRACTOR Crow Drilling Co., Shreveport, La.

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

Commissioner, Department of Conservation
Office Manager, Division of Minerals

Form MD 13 R

WELL FILE COPY

No. A

Form MD 15 R

Amended Permit $25.00

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION AMEND OPERATOR

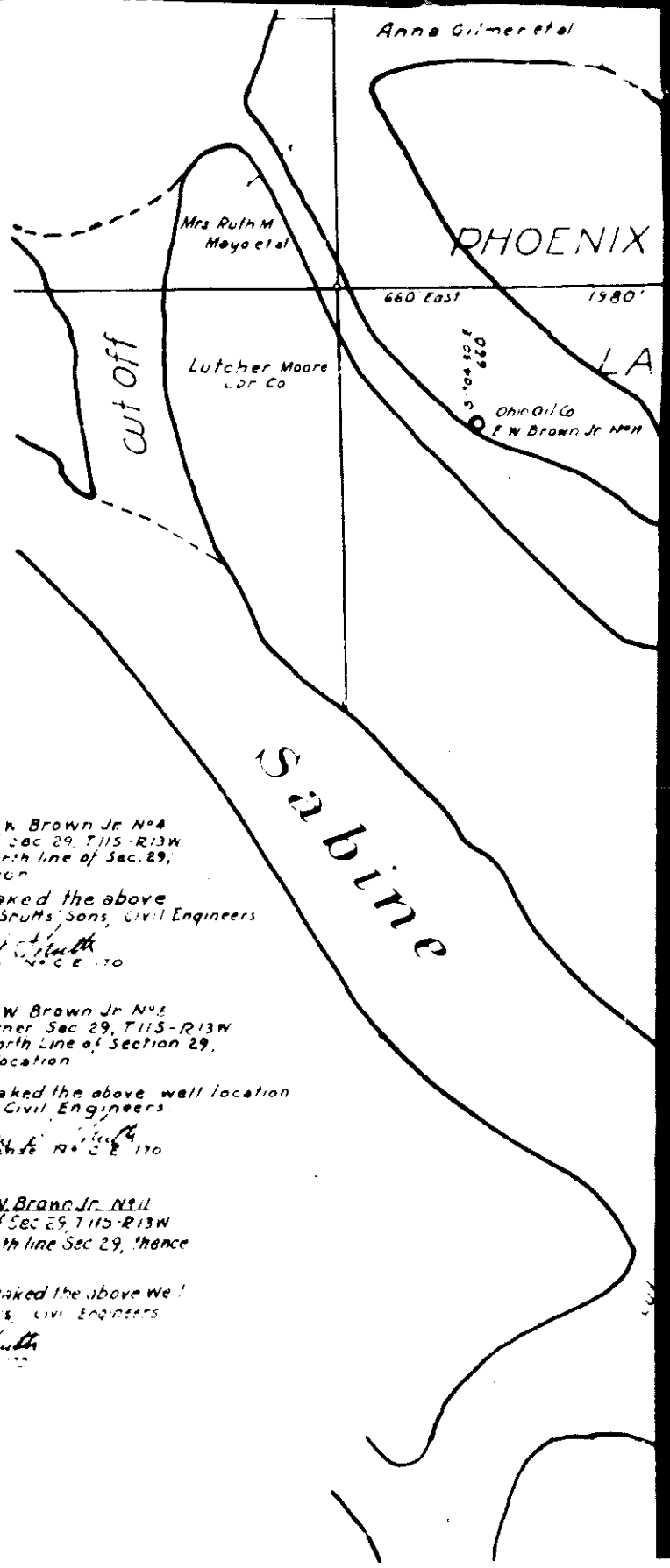
AMENDED PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA. August 2, 19 52

SERIAL NO. 43910
FIELD Phoenix Lake
PARISH Calcasieu
OPERATOR Marathon Oil Company
ADDRESS P. O. Box 3128
Houston, Texas

WELL NAME E. W. Brown, Jr. 11
LOCATION OF WELL S 29 T 11S R 13W
660' from N. Line and 660' from W. Line of Sec. 29
(Formerly The Ohio Oil Company)

L. C. 9-29-62



Well Location The Ohio Oil Co - E. W. Brown Jr. No 4
Beginning at the Northeast corner of Sec 29, T11S - R13W
Thence West 1980 feet along the North line of Sec. 29,
thence S 1°04'50 E 504 feet to location

We hereby certify that we staked the above
Well Location Aug 1, 1950 F Shutts Sons, Civil Engineers

By [illegible]
License No C E 170

Well Location The Ohio Oil Co - E W Brown Jr No 5
Beginning at the Northeast corner Sec 29, T11S - R13W
Thence West 660 feet along the North Line of Section 29,
thence S 1°04 50" E 660 feet to location

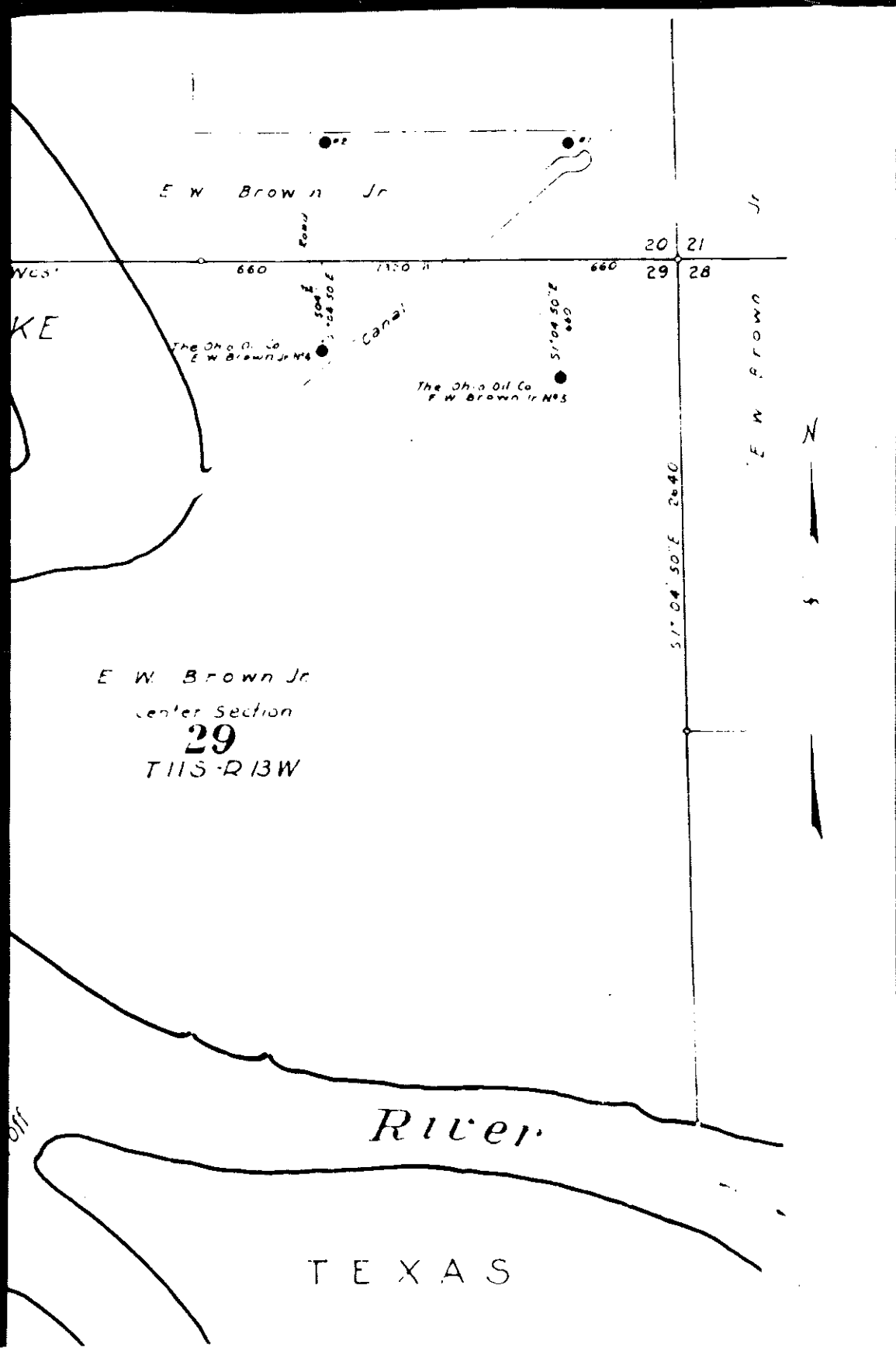
We hereby certify that we staked the above well location
Aug 1, 1950 F Shutts Sons, Civil Engineers

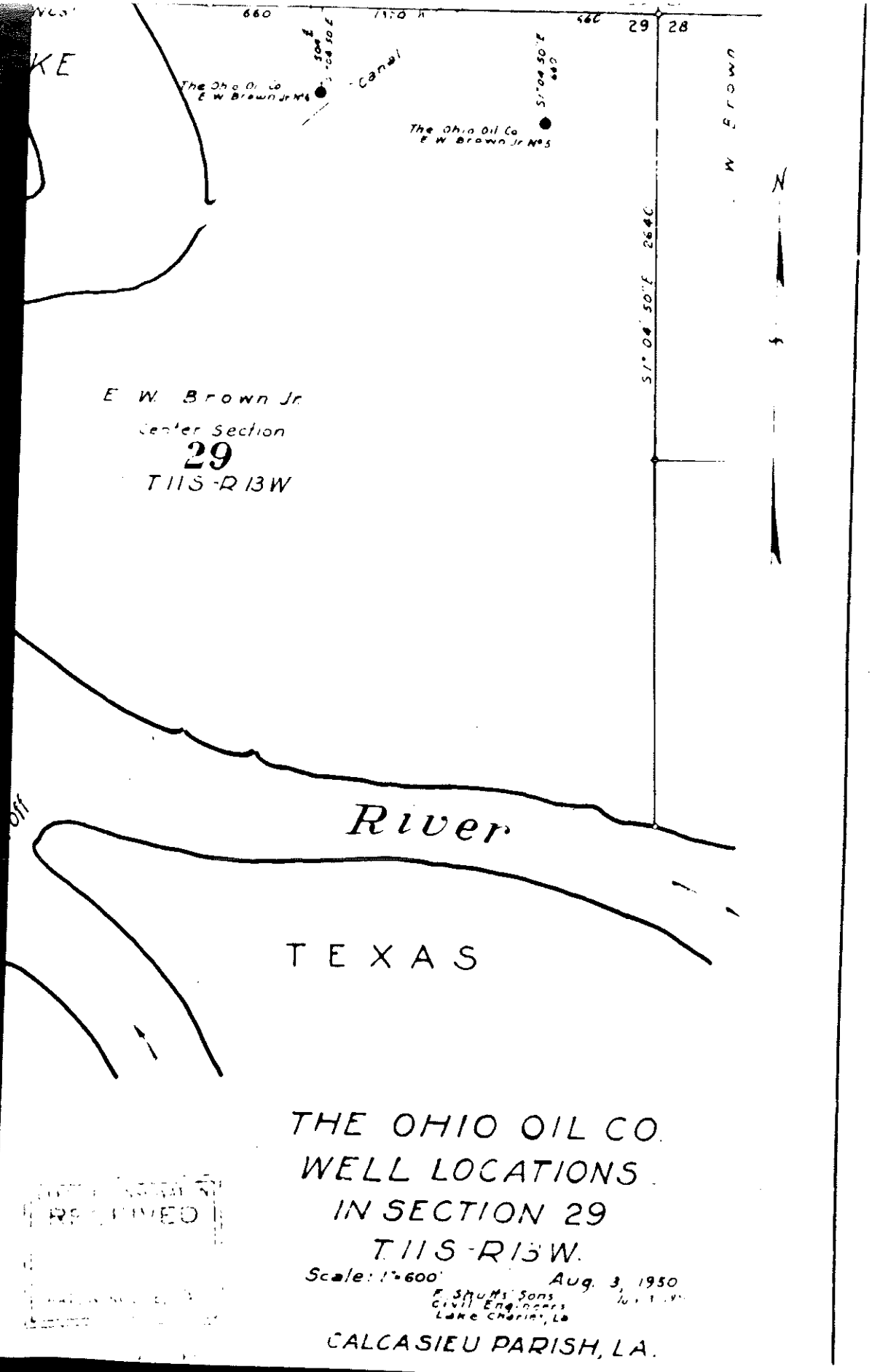
By [illegible]
License No C E 170

Well Location The Ohio Oil Co - E W Brown Jr No 11
Beginning at the Northwest Corner of Sec 29, T11S - R13W
Thence East 660 feet along the North line Sec 29, thence
S 1°04 50" E 660 feet to location

We hereby certify that we staked the above well
Location Dec 27th 1950, F Shutts Sons Civil Engineers

By [illegible]
License No C E 170


E W Brown Jr
Road
20
21
29
28
660
660
KE
Canal
The Ohio Oil Co
E W Brown Jr No 4
The Ohio Oil Co
E W Brown Jr No 5
E W Brown Jr
N
E W Brown Jr
Center Section
29
T11S-R13W
River
TEXAS


660
29
28
KE
The Ohio Oil Co
E W Brown Jr No 6
canal
The Ohio Oil Co
E W Brown Jr No 5
W Brown
N
S 1° 04' 50" E 2640
E W Brown Jr
Center Section
29
T 11 S - R 13 W
River
TEXAS
THE OHIO OIL CO.
WELL LOCATIONS
IN SECTION 29
T 11 S - R 13 W.
Scale: 1" = 600'
Aug. 3, 1950
F. Shums' Sons
Civil Engineers
Lake Charles, La
CALCASIEU PARISH, LA.

L. C. 8-30-52

Zone or Reservoir of proposed completion
Applicable Department of Conservation Order

Commissioner

Issuing Authority

RECEIVED

LAKE CHARLES

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

LOG OF WELL

FIELD Phoenix Lake COMPANY The Ohio Oil Company

Parish Calcasieu Sec. 29 Twp. 11 S Rge. 13 W Elevation Derrick Floor 17.00' K.B. Ground 2.6

Location 660 feet from North line and 660' from West Line

Lease R. W. Brown, Jr. Well No. 11 Permit No. 43 310 Permit Serial No. 28,450

The data given herewith is a complete record of the well and all work done thereon as determined from all available record

Began Drilling August 19 1951 Completed October 1 1951

Completed as Oil (X) Gas ( ) Condensate ( ) Dry ( ) Well

OIL AND GAS ZONES Brown "A"	SALT WATER SANDS	FRESH WATER SANDS
From 7,759 to 7,773 feet	In zone of production	From to feet
From to feet	From to feet	From to feet
From to feet	From to feet	From to feet

DEPARTMENT OF CONSERVATION
RECEIVED
OCT 23 1951
BATON ROUGE, LA.

DRILL STEM TESTS

Depth Seat	Depth Bottom	Recovery in Stands Oil	Recovery in Stands Water	Recovery in Stands Sd. or Mud	Chokes Top	Chokes Bottom	Lbs. Pressure Top	Lbs. Pressure Bottom	Date	Time	Size D. S.

CASING RECORD

Size	Wt. Per Foot	Make	Where Landed	No. of Sks. Cement	Stood Hours	Pressure Test, Lbs.
20"	94#	Nat'l Tube Conductor	223.00'	400	24	-
13 3/8"	48# & 54.5#	Spang	1,326.05'	1200	48	1,500
7"	23# & 26#	Spang	8,134.81'	1000	72	5,200

COMPLETION DATA

Liner Size - Weight - Length - Screen Size - Gage - Length -

Casing Perforations (prod. depth) from 7,759 to 7,773 ft. No. of holes 64

Acidized with - gallons. Other physical or chemical treatment of well to induce flow -

Prod. began October 1, 1951 Making 324.60 bbls./day of 42.2 A. P. I. Gravity Fluid on 10/64" Choke

Tub. Pres. 1,410 lbs./sq. in. Csg. Pres. 1,530 lbs./sq. in. Gas Vol. 264 M. C. F. Gas Oil Ratio 856

B. S. & W. 1/10 % Gas Gravity - B. T. U.'s/M. C. F. - Gals. Gasoline M. C. F. -

Wash Water

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.

Electrical Log Yes Date September 18 19 51 Straight Hole Survey Yes Type Sperry-Sun

Time Drilling Record Yes Other Types of Hole Survey Type

Core Analysis - Depth to

to

LOCATION OF WELL BOTTOM

Latitude ft Departure ft Average Inclination Vertical Correction

Drilling Contractor Crew Drilling Company Signed

Date October 19, 1951 Title Superintendent of Production

19 51 Title Superintendent of Production

DRILLER'S LOG

From	To	Type of Formation	From	To	Type of Formation
0	95	Sand,-Shale			
95	237	Shale and Sand			
237	625	Sand and Shale			
625	1,154	Sand, Gravel, and Shale			
1,154	3,637	Sand, and Shale			
3,637	3,782	Shale			
3,782	4,306	Sand and Shale			
4,306	4,450	Shale			
4,450	5,157	Shale and Sand			
5,157	5,294	Shale			
5,294	5,515	Shale and Sand			
5,515	5,650	Sand and Shale			
5,650	5,735	Shale			
5,735	6,120	Shale and Sand			
6,120	6,372	Shale			
6,372	6,522	Sand and Shale			
6,522	6,684	Shale			
6,684	6,786	Sand and Shale			
6,786	6,830	Shale and Lime			
6,830	6,927	Sand and Shale			
6,927	7,147	Shale			
7,147	7,216	Shale and Sand			
7,216	7,256	Shale			
7,256	7,482	Sand and Shale			
7,482	7,623	Shale			
7,623	7,670	Sand and Shale			
7,670	7,756	Shale			
7,756	7,790	Sand			
7,790	7,881	Sand and Shale			
7,881	7,955	Shale			
7,955	7,960	Shale and Sand			
7,960	7,975	Sand			
7,975	8,034	Shale			
8,034	8,072	Sand and Shale			
8,072	8,090	Sand			

Form MD-10-A

6-M D5 99, 100

POTENTIAL REPORT

OIL WELL X

COMPLETION X

DISTILLATE WELL

RECOMPLETION

* * * * * * * * * * * * * * *

GAS WELL

RETEST

PARISH Calcasieu

TIME GAUGED 8 AM to 10 AM HOUR

FIELD Phoenix Lake

OPENING TANK GAUGE 3' 1"

WELL NAME & NO. E.W. Brown, Jr. #11

CLOSING TANK GAUGE 3' 5 3/4"

COMPANY The Ohio Oil Co.

DIFFERENCE 0' 4 3/4"

PERMIT NO. 28450 SERIAL NO. 43910

TANK NUMBER 107

LOCATION: SEC 29 TWP 11S RANGE 13 W

TANK COEF. (BBLS. PER INCH) 5.41

DATE COMPLETED 10-1-51

BARRELS PER 2 HOURS 25.70

DATE GAUGED 10-2-51

ESTIMATED BBLS. PER DAY 308.40

FLOWING OR PUMPING Flowing

CHOCK SIZE 10/64 TYPE Pos

PRODUCING HORIZON Brown A Zone

DAILY GAS VOLUME 264 *"M": CU. FEET

PRODUCING FROM TO

GAS/OIL RATIO: 856

PERFORATED FROM 7759 TO 7773

TUBING PRESSURE 1410 LBS. SQ. IN.

CASING SEAT 8121 FEET

CASING PRESSURE 1530 LBS. SQ. IN.

TUBING: SIZE 2 IN. BOTTOM 8086

PERCENT B. S. &/OR S. W. 1/10% wash water

TOTAL DEPTH 8143

CORRECTED GRAVITY 40.4 DEGREES A.P.I

ACIDIZE WITH GALLONS

ELEVATION OF DERRICK FLOOR

WITNESSED Clyde G. Bass

GAUGED BY J.D. Perry
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE Pet. Engr.

DISTRICT OFFICE

CURRENT DATE

REMARKS:

*THOUSANDS

Form SEM #2

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

LAKE CHARLES DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (x)
DIS. WELL ( )
GAS WELL ( )

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (x)
RECOMPLETION ( )
PERMIT
SERIAL NO. 43910

PARISH Calcasieu FIELD Phoenix Lake SEC. 29 TWP. 11s RNG. 13w

COMPANY The Ohio Oil Co. LEASE E. M. Brown, Jr. WELL NO. 11

DRILLING CONTRACTOR Cross Drlg. Co. DATE SPUDDED (OR W.O.) 8-19-51

DATE COMPLETED OR RECOMPLETED 10-1 19 51, AT 2:00 A.M. X ~~XXXX~~

COMPLETION DATA:

INITIAL PRODUCTION 324.60 BBLS./DAY (NET)

TUBING PRESSURE 1350 #/SQ.IN.GA. FLOWING (x) SHUT IN ( )

CASING PRESSURE 1500 #/SQ.IN.GA.

CHOKE . . . . SIZE 10 POSITIVE (x) ADJUSTABLE ( )

B. S. & W. 2/10 % PERCENT SALT WATER ( ) WASH WATER (x)

GAS VOLUME 268 MCF/DAY

GAS/OIL RATIO 826 CF/BBLS.

GRAVITY 42.2 (60° A.P.I.)

PRODUCING DEPTH 7752 FT. TO 7773 FT.

PERFORATED YES (x) NO ( ) BOTTOM TUBING 8086 FT. SIZE 2 IN.

CASING (OIL STRING) SIZE 7 IN. I.D. ( ) O.D. (x) BOTTOM SEAT 8121 FT.

TOTAL DEPTH DRILLED 8143 FT. DERRICK FLOOR ELEVATION 17.00 FT. KB

Additional clearance is requested for _____ barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

THE OHIO OIL COMPANY
COMPANY

E. R. Morrison
COMPANY REPRESENTATIVE

FORM - SDW -1-R
(Over)

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. E.W. Brown Jr. 11-A

Field Phoenix Lake

Permit Serial No. 43910

Sec. 29 14-S x 13-W

Parish Calcasieu

Work Permit No. 44 77

Description of Work Code # 21; To set cement plug from 7760' to 7660' w/ 25 sks, To set cement from 1360' to 1260' w/ 70 sacks, To set top plug from 35' to 5 w/ 25 sks cement & weld ½ plate on [illegible] pipe

Sand & Reservoir To Be Tested

TD 8140

Operator Marathon Oil Company

Address P.O. Box 51286

City, State & Zip Lafayette La. 70505

Permit Requested By Luis Ortiz

Permit Authorized By Wm C Willett District L.C. Date 1/10/77

Date 1/19/77

See Instructions On Reverse Side

Form DM-48 Rev

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 3-10-77 **WELL SERIAL NO.** 43910
WORK PERMIT NO. 44

L.C. **DISTRICT**
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field Phoenix Lake Parish Calcasieu Sec. 29 Twp. 11S Rge. 13W

Company Marathon Oil Co. Lease E.W. Brown Jr. "A" Well No. 11

Total Depth 8140' Condition of Well Depleted

1. Surface Casing Size 13 3/8" Depth 1326' Amount Pulled None
2. Protection Casing Size — Depth — Amount Pulled —
3. Production Casing Size 7" Depth 8135' Amount Pulled 1294'

CEMENT PLUGS

1. Depth 7773' To 7673' No. of Sacks 20 How Placed Rig Pump
2. Depth 1360' To 1200' No. of Sacks 70 How Placed — —
3. Depth [illegible]

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 3-10-77

WELL SERIAL NO. 43910
WORK PERMIT NO. _____

L.C. DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field Phoenix Lake Parish Calcasieu Sec. 29 Twp. 11S Rge. 13W

Company Marathon Oil Co. Lease E.W. Brown Sq. "A" Well No. 11

Total Depth 8140' Condition of Well Depleted

1. Surface Casing Size 13 3/8" Depth 1326' Amount Pulled None
2. Protection Casing Size — Depth — Amount Pulled —
3. Production Casing Size 7" Depth 8135' Amount Pulled 1294'

CEMENT PLUGS

1. Depth 7773' To 7673' No. of Sacks 20 How Placed Rig Pump
2. Depth 1360' To 1200' No. of Sacks 70 How Placed — —
3. Depth 33' To 3' No. of Sacks 30 How Placed — —

Mud Record: Weight 9.0 Viscosity 34

Remarks: Tag Plug @ 1200' Cut 13 3/8" [illegible] w/1/2" Plate welded to of 13 3/8" Csg. Seabound [illegible] Rig #4

This work was done according to the Rules and Regulations of the Department of Conservation.

Walter Dobutz
WITNESS

Marathon Oil Co.
COMPANY

[illegible] Caswell
(Signed) REPRESENTATIVE

Form - P & A

Artificial Penetration 20

Marathon,

E.W. Brown, Jr., No. 14

44326

N 28866

DEPARTMENT OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PARISH Calcasieu

BATON ROUGE, LA., October 1, 1951

OPERATOR The Ohio Oil Company

FIELD Phoenix Lake

ADDRESS P. O. Box 1129, Shreveport, Louisiana

LOCATION OF WELL

1980' from North line and 660' from West line of Sec. 29, T. 11-S, R. 13-W

You are hereby authorized to drill E. W. Brown, Jr. Well No. 14, referred to under application bearing serial No. 44326 dated September 25, 1951, signed by J. J. Fremmer

This well to be drilled to 8500' (Marginulina) one on surface area of 35.18 acres

DRILLING CONTRACTOR Crow Drilling Co., Shreveport, La.

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

Commissioner, Department of Conservation

Form MD 11-R

Office Manager, Division of Minerals

2M Sept 6-51

Form MD 15-R

WELL FILE COPY

No. [illegible] A

Amended Permit $20.00

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION [illegible]

AMENDED PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., August 2, 1962

SERIAL NO.: 44326

FIELD Phoenix Lake

PARISH: Calcasieu

OPERATOR: Marathon Oil Company

ADDRESS: P. O. Box 1128
Houston, Texas

No. 14

WELL NAME: Brown "A-1" Unit

LOCATION OF WELL Sec. 29 T. 11S R. 13W

1980' from N. Line & 660' from W. Line of Sec. 29.

(Formerly The Ohio Oil Company)

Zone or Reservoir [illegible] completion

Applicable Department of Conservation Order

L.C.: 8-29-62

Commissioner

Zone or Reservoir of proposed completion
L.O.: 8-29-48 Applicable Department of Conservation Order
Commissioner
Issuing Authority

ORIGINAL

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

RECEIVED
FEB 2 1952

LOG OF WELL

FIELD Phoenix Lake COMPANY The Ohio Oil Company

Parish Calcasieu Sec. 29 Twp. 11 S Rge. 13 W Elevation Derrick Floor 18.12 Ground 4.52

Location 1980 Ft. from North Line and 660 Ft. from West Line

Lease E.W.Brown, Jr. Well No. 14 Permit No. 28866 Permit Serial No. 44326

The data given herewith is a complete record of the well and all work done thereon as determined from all available records.

Began Drilling December 22 19 51 Completed January 17 19 52

Completed as Oil (X) Gas ( ) Condensate ( ) Dry ( ) Well

OIL AND GAS ZONES	SALT WATER SANDS	FRESH WATER SANDS
From 7979 to 7989 feet	In zone of production	From to feet
From to feet	From to feet	From to feet
From to feet	From to feet	From to feet

DRILL STEM TESTS

Depth Seat	Depth Bottom	Recovery in Stands Oil	Recovery in Stands Water	Recovery in Stands Sd. or Mud	Choke Top	Choke Bottom	Lbs. Pressure Top	Lbs. Pressure Bottom	Date	Time	Size D. S.

CASING RECORD

Size	Wt. Per Foot	Make	Where Landed	No. of Sks. Cement	Stood Hours	Pressure Test, Lbs.
16"	65#	Spang Conductor	230.16'	400	24	-
10 3/4"	32.75# & 40.5#	Nat'l Tube	1618.35'	1000	48	1,300#
7"	23# & 26#	Spang	8056.71'	500	56	1,800#

COMPLETION DATA

Liner Size - Weight - Length - Screen Size - Gage - Length -

Casing Perforations (prod. depth) from 7979 to 7989 ft. No. of holes 40, 1" Jet

Acidized with - gallons. Other physical or chemical treatment of well to induce flow -

Prod. began January 17 19 52. Making 243 bbls./day of 42.7. A. P. I. Gravity Fluid on 9/64 Choke

Tub. Pres. 1325 lbs./sq. in. Csg. Pres. 1425 lbs./sq. in. Gas Vol. 191 M. C. F. Gas Oil Ratio 786

B. S. & W. 6/10 %. Gas Gravity - B. T. U.'s/M. C. F. - Gals. Gasoline/M. C. F. -

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.

Electrical Log Yes Date January 12 19 52 Straight Hole Survey Yes Type Sperry-Sun

Time Drilling Record Yes Other Types of Hole Survey Type

Core Analysis Depth to

to

LOCATION OF WELL BOTTOM

Latitude ft. Departure ft. Average Inclination Vertical Correction

Drilling Contractor Crow Drilling Co., Inc. Signed R. H. Fawcett

Date January 29 19 52 Title Superintendent of Production

LOCATION OF WELL BOTTOM

Latitude ft. Departure ft. Average Inclination Vertical Correction

Drilling Contractor Crow Drilling Co., Inc. Signed R. W. Fawcett

Date January 29 19 52 Title Superintendent of Production

Form No. M R 06 6

DRILLER'S LOG

From	To	Type of Formation	From	To	Type of Formation
[illegible]	36	Sand			
36	244	Sand & Shale			
244	294	Shale			
294	1,647	Sand & Shale			
1,647	1,750	Sand			
1,750	3,347	Sand & Shale			
3,347	3,702	Shale			
3,702	6,054	Sand & Shale			
6,054	6,180	Shale			
6,180	6,460	Shale & Sand			
6,460	7,720	Shale			
7,720	7,732	Sand			
7,732	7,765	Shale			
7,765	7,781	Sand			
7,781	7,797	Sand & Shale			
7,797	8,008	Shale			
8,008	8,058	Sand & Shale			
8,058	8,075	Sand			
8,075	8,080	Shale			

Form MD-19-A

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

AUTHORITY TO PRODUCE

The Ohio Oil Company
Box 1129
Shreveport, Louisiana

DEPT. OF CONSERVATION
RECEIVED
JAN [illegible] 1952
BATON ROUGE, LA.

Date January 21, 19 52
COMPLETION: X
CORRECTION:
RECOMPLETION:
RETEST:

Gentlemen:

This will be your authority to produce your R.H. Brown, Jr.
Well No. 14, Phoenix Lake Field
Calcasieu Parish, Louisiana.
at the rate of 214 Barrels per day, from: February 1, [illegible]
through the month of February 19 52.
Remarks:

Serial No. [illegible]

Yours very truly,
S. L. DIGBY, Commissioner,

By [signature] Manager
ARTHUR P. EDWARDS
LAKE CHARLES, LA. District

APE:lml

cc: Illinois Pipeline Co. of Texas, Box 5128, Houston, Texas
cc: Department of Conservation, Baton Rouge, La.
cc: Department of Interior, Lafayette, La.

Form MD-19-A

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

DEPT. OF CONSERVATION
RECEIVED
JAN 24 1952
BATON ROUGE

AUTHORITY TO PRODUCE

The Ohio Oil Company
Box 1129
Shreveport, La.

Date [illegible] 19 [illegible]

COMPLETION: [illegible]

CORRECTION: _____

RECOMPLETION: _____

RETEST: _____

Gentlemen:

This will be your authority to produce your [illegible] Brown, Jr.

Well No. 14, Phoenix Lake Field

Calcasieu Parish, Louisiana,

at the rate of 214 Barrels per day, from: Jan. 17, 19[illegible]

through the month of Jan. [illegible] 19[illegible].

Remarks: _____

Serial No44326

Yours very truly,
S. L. DIGBY, Commissioner,

By [illegible] Manager
[illegible] P. EDWARDS
[illegible] CHARLES, LA. District

APE:lml

cc: Illinois Pipeline Co. of Texas, Box 9123, Houston, Texas
cc: Department of Conservation, Baton Rouge, La.
cc: Department of Interior, Lafayette, La.

Form MD 19-A

Form MD-19-A

POTENTIAL REPORT

OIL WELL X

DISTILLATE WELL

COMPLETION X

RECOMPLETION

* * * * * * * * * * * * * *

GAS WELL

RETEST

PARISH Calcasieu

FIELD Phoenix Lake

WELL NAME & NO. E.A. Brown, Jr. #14

COMPANY The Ohio Oil Company

PERMIT NO. SERIAL NO. 44326

LOCATION: SEC. 29 TWP. 11S RANGE 15W

DATE COMPLETED 1-17-52

DATE GAUGED 1-18-52

FLOWING OR PUMPING Flowing

PRODUCING HORIZON Brown "B" Zone

PRODUCING FROM 7979 TO 7988

PERFORATED FROM 7979 TO 7989

CASING SEAT 8056 FEET

TUBING: SIZE 2 3/8 IN. BOTTOM 8010

TOTAL DEPTH 8080

ACIDIZE WITH None GALLONS

WITNESSED Jesse J. Jones, Jr.

TITLE Pet. Eng.

TIME GAUGED 2 HOUR

OPENING TANK GAUGE 5' 2 1/8"

CLOSING TANK GAUGE 5' 6 1/8"

DIFFERENCE 3 3/4"

TANK NUMBER 105

TANK COEF. (BBLS. PER INCH) 5.40

BARRELS PER 2 HOURS 20.25

ESTIMATED BBLS. PER DAY 243

CHOCK SIZE 7/64 TYPE Pos.

DAILY GAS VOLUME 210 *"M": CU. FEET

GAS/OIL RATIO: 863/1

TUBING PRESSURE 1325 LBS. SQ. IN.

CASING PRESSURE 1425 LBS. SQ. IN.

PERCENT B. S. &/OR S. W. 0/10

CORRECTED GRAVITY 42.7 DEGREES A.P.I

ELEVATION OF DERRICK FLOOR 18.12

GAUGED BY J.D. Perry
Inspector or Engineer, DEPARTMENT OF CONSERVATION

DISTRICT OFFICE Lake Charles, La.

CURRENT DATE 1-1-52

REMARKS:

*THOUSANDS

Form SDM #2

*THOUSANDS

Form SDM #2

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles, La. DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (X)
DRY WELL ( )
GAS WELL ( )

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No.29-A Section X, Paragraph A, Article 1.)

COMPLETION (X)
RECOMPLETION ( )
PERMIT SERIAL NO. 44325

PARISH Calcasieu FIELD Phoenix Lake SEC. 2[illegible] TWP. 11 RNG. 1[illegible]

COMPANY The Ohio Oil Co. LEASE E. W. Brown, Jr. WELL NO. 14

DRILLING CONTRACTOR Crow Drlg. Co. DATE SPUDDED (OR W.O.) 12-22-52

DATE COMPLETED OR RECOMPLETED 1-17-52 19__, AT 11:00 A.M. X P.M.__

COMPLETION DATA:

INITIAL PRODUCTION 243 BBLS./DAY (NET)

TUBING PRESSURE 1325 #/SQ.IN.GA. FLOWING (X) SHUT IN (__)

CASING PRESSURE 1425 #/SQ.IN.GA.

CHOKE . . . . SIZE [illegible] POSITIVE (X) ADJUSTABLE (__)

B. S. & W. [illegible] PERCENT SALT WATER (__) WASH WATER(X)

GAS VOLUME 1[illegible]1 MCF/DAY

GAS/OIL RATIO 7[illegible]6 CF/BBLS.

GRAVITY 4[illegible].7 (60° A.P.I.)

PRODUCING DEPTH [illegible] FT. TO [illegible] FT.

PERFORATED YES (__) NO (__) BOTTOM TUBING [illegible] FT. SIZE [illegible]/8" IN.

CASING (OIL STRING) SIZE 7 IN. I.D.(__) O.D.(X) BOTTOM SEAT [illegible] FT.

TOTAL DEPTH DRILLED 80[illegible] FT. DERRICK FLOOR ELEVATION [illegible] FT.

Additional clearance is requested for _____ barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

[illegible]
COMPANY

E. W. Brown
COMPANY REPRESENTATIVE

FORM - SDM -1-R
(OVER)

FORM - SDM -1-R
(Over)

E.R. Bowes
COMPANY REPRESENTATIVE

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
BATON ROUGE, LOUISIANA

NOVEMBER 25, 1957

ALL CONCERNED:

VARIOUS REQUESTS FOR AMENDED PERMITS HAVE BEEN RECEIVED IN THIS OFFICE. THESE PARTICULAR CHANGES CONCERN ONLY THOSE WELLS WHICH ARE LOCATED IN THE LAKE CHARLES DISTRICT OF THE DEPARTMENT OF CONSERVATION, STATE OF LOUISIANA, AND ARE LISTED BELOW. THEY ARE SELF-EXPLANATORY.

ACADIA PARISH, JENNINGS FIELD:

CHANGE OF WELL NAME, RADKE OIL CO., INC., P.O. BOX 802, JENNINGS, LA.; WELL NAME: RADKE-LYONS, WELL #1 (FORMERLY LYONS) SECTION 46, T9S, R2W, SERIAL #21071.

ACADIA PARISH, JENNINGS PARISH:

CHANGE OF OPERATOR AND WELL NAME, RADKE OIL CO., INC., BOX 802, JENNINGS, LA., ON THE FOLLOWING WELLS (FORMER OPERATOR: SMJ OIL CO.)

JULES CLEMENT SJM, WELL #1 (FORMERLY JENNINGS HEYWOOD) SECTION 46, T9S, R2W, SERIAL #24337.

JULES CLEMENT SJM, WELL #2 (FORMERLY JENNINGS-HEYWOOD) SECTION 46, T9S, R2W, SERIAL #21621.

JULES CLEMENT SJM, WELL #3 (FORMERLY JULES CLEMENT) SECTION 45, T9S, R2W, SERIAL #48999.

JULES CLEMENT SJM, WELL #4 (FORMERLY JULES CLEMENT) SECTION 46, T9S, R2W, SERIAL #66398.

ACADIA PARISH, MIDLAND FIELD:

CHANGE OF WELL NAME, THE ATLANTIC REFINING CO., BOX 602, LAFAYETTE, LA. WELL NAME: W.M. HOYT UNIT 11, WELL #1 (FORMERLY WM. M. HOYT) SECTION 43, T10S, R1W, SERIAL #56188.

CHANGE OF WELL NAME, THE ATLANTIC REFINING CO. BOX 602, LAFAYETTE, LA. WELL NAME: PEARL R. COWEN UNIT 1, WELL #2 (FORMERLY PEARL R. COWEN) SECTION 9, T10S, R1W, SERIAL #64407.

CHANGE OF WELL NAME, THE ATLANTIC REFINING CO., BOX 602, LAFAYETTE, LA. WELL NAME: W.M. HOYT UNIT 11, WELL #1 (FORMERLY WM. M. HOYT) SECTION 43, T10S, R1W, SERIAL #56188.

CALCASIEU PARISH, EAST MOSS LAKE FIELD:

CHANGE OF WELL NAME, CURTIS HANKAMER, 1422 BANK OF SOUTHWEST BLDG., HOUSTON, TEXAS; NEW WELL NAME: UNIT "C", WELL #1 (FORMERLY HAYMARK-KAOUGH) SECTION 5, T11S, R9W, SERIAL #40194.

CHANGE OF WELL NAME AND NO., CURTIS HANKAMER, 1422 BANK OF SOUTHWEST, HOUSTON, TEXAS; NEW WELL NAME AND NO.: UNIT "C", WELL #2 (FORMERLY GEORGE W. LAW, WELL #1) SECTION 5, T11S, R9W, SERIAL #39729.

CALCASIEU PARISH, EAST MOSS LAKE FIELD:

CHANGE OF OPERATOR, TO REPUBLIC NATURAL GAS CO., MARYLAND CASUALTY CO. BUILDING, NEW ORLEANS, LA. (FORMER OPERATOR: LOHMAN BRICKER AND CO.) SECTION 7, T11S, R9W, SERIAL #67533.

CALCASIEU PARISH, PHOENIX LAKE FIELD:

CHANGE OF WELL NAME, THE OHIO OIL COMPANY, c/o M.S. BROWN, BOX 2011, ORANGE, TEXAS. NEW WELL NAME: BROWN "A-1 UNIT, WELL #14 (FORMERLY E.W. BROWN, JR.,) SECTION 29, T11S, R13W, SERIAL #44325.

CHANGE OF WELL NAME, THE OHIO OIL COMPANY, c/o M.S. BROWN, BOX 2011, ORANGE, TEXAS, ON THE FOLLOWING WELLS:

BROWN "A-1" UNIT, WELL #24 (FORMERLY E.W. BROWN, JR.) SECTION 20, T11S, R13W, SERIAL #47508.

BROWN "A-1" UNIT, WELL #1-D (FORMERLY ANNIE GILMER A/D 2) SECTION 20, T11S, R13W, SERIAL #67641.

BROWN "A-1" UNIT, WELL #5-D (FORMERLY E.W. BROWN, JR.) SECTION 20, T11S, R13W, SERIAL #64625.

JEFFERSON DAVIS PARISH, HAYES FIELD:

CHANGE OF WELL NAME, H.L. HAWKINS, 609 BANK OF SOUTHWEST BLDG., HOUSTON, TEXAS; NEW WELL NAME: HAYES UNIT NO.2, WELL #1 (FORMERLY A. ATKINSON) SECTION 19, T11S, R5W, SERIAL #63207.

JEFFERSON PARISH, WELSH FIELD:

CHANGE OF WELL NAME AND OPERATOR, TO HOMER T. MOORE, BOX 336, WELSH, LA. (FORMER OPERATOR: RADKE OIL COMPANY, INC.) ON THE FOLLOWING WELLS:

RADKE ERVIN BISHOP "A", WELL #1 (FORMERLY ERVIN A BISHOP "A") SECTION 28, T9S, R5W, SERIAL #49484.

POTENTIAL REPORT

Type Well Oil ____ Gas ✓ Distillate ____ 1957

Type Test Comp ____ Recomp ✓ Retest ____ Reissued ____

Parish Calcasieu Field Phoenix Lake

Company Ohio Oil Co. Serial No. 44326

Well Name & No. E. W. Brown Jr. #14 A-1

Location: Sec 29 Twp 4-S Rge 13 W Flowing ✓ Pump ____

Prod. Horizon Brown A-1 Perf. Int 7635 to 7641

Casing Setting: Size 7" @ 8057

Tubing Setting: Size 2" @ 7543 T.D. 8080

Date ~~Completed~~ Recom 10-8-57 Date Gauged 10-17-57

Acidize with ____ gals. Elev. of Derr. Floor 13.12

— TEST DATE —

T. P. 2100# C. P. 2200# Choke Size 9 /64th

Closing TK Gge. 1 ft. 6 in. @ 10:15AM-17-56

Opening TK Gge. 6 ft. 2 in. @ 10:15AM-17-56

Diff. 2 ft. 4 in. 24 Hours (Time)

Tank No. 200 Tank Coef. 1.17

Bbls. Per 24 Hrs. 32.76 Est. Bbls. Per Day 32.76

Daily Gas Vol. ~~608~~ 647.079 "M"C.F. G/O Ratio ~~18.559~~ 19.752

B.S.&W. P.L. % Corrected Gravity 61.1 Deg. A.P.I.

Witnessed C. Kemp Title Pumper

Gauged by J. D. Perry Title ____
Department of Conservation

District Office ____

Remarks 3 X 1¼" orifice - 350# Static
12" Diff. 500# X 100" mtr.

* Thousands

Form S D M-8
[illegible] T.J.M.

Opened wells on 10-16-57

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (____)
Dir. Well (____)
GAS WELL (X)

One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A Section X, Paragraph A, Article 1)

COMPLETION (____)
RECOMPLETION (X)
Permit Serial No. 44326

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL( )	One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A Section X, Paragraph A, Article 1)	COMPLETION( )
Dir. Well( )		RECOMPLETION (X)
WELL(X)		Permit Serial No. 44326

PARISH Calcasieu FIELD Phoenix Lake SEC 29 TWP 11S RNG 13W

COMPANY The Ohio Oil Company LEASE E. W. Brown, Jr. WELL NO 14

DRILLING CONTRACTOR Company Tools DATE SPUDDED (OR W.O.) 10-4-57

DATE COMPLETED OR RECOMPLETED 10 - 8 - 19 57, AT 7:00 A.M. P.M. X

COMPLTION DATA:

INITIAL PRODUCTION 32.76 BBLS./ (NET)

TUBING PRESSURE 2100 #/SQ. IN. GAS FLOWING(X) SHUT IN( )

CASING PRESSURE 2200 #/SQ.IN.GA.

CHOKE X SIZE 9/64 POSITIVE( ) ADJUSTABLE(X)

B.S. & W. 0 PERCENT SALT WATER( ) WASH WATER( )

GAS VOLUME 608 MCF/DAY

GAS/OIL RATIO 18,559 CF/BBLS

GRAVITY 61.1 (60° A.P.I.)

PRODUCING DEPTH 7635 FT. TO 7641 FT. (A-1 Zone)

PERFORATED YES(X) NO( ) BOTTOM TUBING 7543 FT. SIZE 2-3/8 o.d. IN.

CASING(OIL STRING) SIZE 7 IN. I.D.( ) O.D.(X) BOTTOM SEAT 8057 FT.

TOTAL DEPTH DRILLED 8080 FT. ~~[illegible]~~ KB ELEVATION 18.12 FT.

Additional clearance is requested for - barrels of oil produced on drillstem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

WCLR SDM-1R
(Over)

THE OHIO OIL COMPANY
COMPANY

M S Brown
COMPANY REPRESENTATIVE
M. S. Brown

RECEIVED 1957 CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

Re: Well Serial No. [redacted]

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA
Lake Charles DISTRICT

Gentlemen:

This is to advise that the following described well has been ([redacted]) (recompleted) as an ([redacted]) (gas) well and its status is as follows:

Producing [X] Flowing [X] Gas-lifting [ ] Pumping [ ] Shut-in [ ]

Field Phoenix Lake Parish Calcasieu Sec. 29 Twp. 11 S Rge. 13 W

Company The Ohio Oil Company Lease Brown A-1 Unit Well No. 14

Date completed or recompleted May 20, 1960 at 11:00 (A.M.) ([redacted].)

COMPLETION DATA

Initial production 18 BOPD Gas volume 608 MCF/Day

Tubing pressure 1060 psig Casing pressure [redacted] psig

Choke size 12 /64 Positive [ ] Adjustable [X] B.S.&W. 0 %

Gas/Oil ratio 38,044 CF/Bbl. Gravity 65.7 at 60° A. P. I.

Producing depth: From 7635 Ft. to 7647 Ft. T.D. 8080 Ft.

(Additional clearance is requested for --- barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, or Order No. 29-B on reverse side.)

(Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).)

The Ohio Oil Company
COMPANY

(Signed) [signature]
COMPANY REPRESENTATIVE

Form - Comp.

Form - Comp.

COMPANY REPRESENTATIVE

Department of Conservation

MINERALS DIVISION

Well History and Work Resume Report

Field: Phoenix Lake

Serial No.: 44326

Producing Interval: 7635' - 7647'

Reservoir (Company and Identification): Brown A-1 Sand

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within ten (10) days of the date of completion or re-completion. NOTE: If not properly completed and signed, this report will be returned.

LEASE AND WELL DATA

Indicate Type of Completion: New Well ☐ Re-completion ☒ Deep Reservoir ☒ Deep Reservoir ☐ Oil ☐ Gas ☒ Dry ☐

Operator: The Ohio Oil Company	Address: P. O. Box 1129, Shreveport, Louisiana
Lease Name: Brown A-1 Unit (Old S. W. Brown, Jr. #14)	Well No.: 14

Date Permit Issued: 10-1-61	Parish: Calcasieu	Sec.: 29 Twp.: 11S Rge.: 13W
Date Spudded: 12-22-51	Total Depth: 8080'	PBTD: 7833'
[illegible]	[illegible]	[illegible]
Date Well Turned Into Tanks	Single, Dual or Triple Completion?	Note: If this is a multiple completion, furnish a separate report for each completion

Was it Directionally Drilled?	Was Directional Survey Made?	Were 3 copies filed with the Department of Conservation?	Date Filed
Type of Electrical or Other Logs Run (Circle Logs Filed with Dept. of Conserva.			Date Filed

CASING, LINER AND TUBING RECORD

Size	Hole Size	Casing Weight	Depth Set	Cement	Test Pressure	Hrs. Under Pressure	Date Tested	Name of Test Witness - State if Dept. Agent or Offset Opr.

Tubing Size: | Depth of Tubing: | Depth of Packer (s):

~~INITIAL COMPLETION~~ OR RE-COMPLETION DATA

Initial Production	Gas Volume	Choke Size	Well Status
13 BOPD	506 MCF/DAY	12/64 Adj.	Flowing

Tubing Pressure	Casing Pressure	GOR	[illegible]	[illegible]
1050 psig	1325 psig	38,946	0 %	----

Gravity	Conservation Agent Making Test	Company Representative	Date Completed
55.7 °API(60)	----	Clyde G. Bess	5-27-59

PLUG AND ABANDON DEAD DATA

Sacks Cement	[illegible]	Plugs Set				Date Work Completed	Name of Test Witness - State if Dept. Agent

CERTIFICATE: I the undersigned, the duly employed agent of The Ohio Oil Company [illegible] and complete to the best of my knowledge and belief. [illegible] Dist. Supt.

Form WH

WORK RESUME

List below work performed under Department of Conservation Work Permits while drilling and completing well

Work Permit No.	Date work Performed	Service Company	Description of Work
LC-#175	5-26-59	Lane Wells Co.	Perforated 7" Casing 7641' to 7647' with 24, 3/8" jet shots. Used Lane Wells "Bear Cat" Through-Tubing Perf. Gun. These perforations are additional to the original perforations from 7635' to 7641'.

List below all important Geological Formation tops, Carbonate and Salt tops and Salt Sections to tops.

Formation	Depth	Formation	Depth

44326

(Signed) [illegible]

[illegible]

[illegible]

PLUG AND ABANDON [illegible]

[illegible] 7-28-72 [illegible]

Lake Charles [illegible]

[illegible]

[illegible] Lake [illegible] Calcasieu [illegible] 11S [illegible] 13W

[illegible] Company [illegible] Crown A-1 [illegible]

[illegible] S/T [illegible] Depleted

[illegible] Size 15" Depth 220' [illegible]

[illegible] Size 10-3/4" Depth 1[illegible] [illegible]

[illegible] Size 7" Depth [illegible] [illegible]

Liner 5½" [illegible]

CEMENT PLUGS

[illegible] 7[illegible]2' [illegible] 7[illegible]0' [illegible] 25 [illegible] Seaboard

Depth 1[illegible]' [illegible] [illegible] 25 [illegible] "

[illegible] To [illegible] [illegible]

[illegible] 10#

[illegible] Welded 1/2" plate on top of casing.

[illegible] according to the Rules and [illegible]

[illegible]

[illegible]

[illegible]

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATING RECORD -

WORK PERMIT NO. _____

WORK SERIAL NO. 44326

DATE WORK DONE 1-23-62

(One copy to be filed with the District Office)

NOTE:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Plaquemine FIELD Phoenix Lake SEC. 29 TWP 11 RGE 13

COMPANY Ohio Oil Co. LEASE E.W. Brown B3 WELL NO. 14

TOTAL DEPTH 8040 PB 8007 NEW OR OLD WELL [illegible]

SIZE CASING 4½" DEPTH OF CASING 8040

DEPTH OF PLUG BELOW PERFORATIONS 15'

PERFORATED FROM 7986 TO 7992

NUMBER OF HOLES 24 SIZE OF HOLES [illegible]

PERFORATING COMPANY Lane Wells TRUCK NUMBER 381

PURPOSE OF PERFORATIONS For production

REMARKS: [illegible] from 7580 to 8040
[illegible] from 7635-7647 [illegible]
[illegible]

[illegible] 25

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION.

SIGNED: The [illegible]
COMPANY

REPRESENTATIVE

Form
Perf.-MD 4

Mr. Henry [illegible], Dist. Mgr.
P. O. Box [illegible]
1206 Tunnel Blvd.
Houma, La. 70360

Mr. Hugh [illegible], Dist. Mgr.
122 St. John St. - Room 214
Monroe, La. 71201

Mr. Frank J. Fava, Jr. Dist. Mgr.
315 Audubon St.
P. O. Box [illegible]
Lafayette, La. 70505

Mr. W. J. Clark, Dist. Mgr.
325 Loyola Ave.
307 La. St. Office Bldg.
New Orleans, La. 70112

Mr. Wm. C. Wilhite, Dist. Mgr.
3520 Patrick Street
Lake Charles, La. 70602

Mr. B. F. Anderson, Dist. Mgr.
960 Jorden Street
P. O. Box 3250
Shreveport, La. 71103

OCT 1 3

RE: SERIAL NO. 44326

Parish Calcasieu

Field Phoenix Lake

Operator The Ohio Oil Co.

Well Name E. W. Brown, Jr.

Well No. 14

Dear Sir:

Attached are copies of document(s) for the above noted well.

☐ Casing record on original serial number _____ and re-entry serial number _____ do not agree.

☐ Well history does not show casing information.

☐ Per _____ (copy attached) this well has _____ inch casing. However, the well history does not report this size casing.

☐ We do not have a copy of the well history in our files. Please furnish.

☐ We do not have a copy of the original well history in our files. Please furnish.

☐ Plug and abandon report does not indicate a surface plug. Is this well considered plugged and abandoned?

_____

☒ At what depth is top of 5½" liner?

☐ See attached report. This shows a 4½ liner set ~ 5½", set @ [illegible]

Please recheck the item(s) noted above and advise. Forward information or your reply to the attention of Mrs. Beatrice Miles. Thank you for your assistance.

Artificial Penetration 21

Marathon,

E.W. Brown, Jr., No.15

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. [illegible] #15 Sec. [illegible]

Field [illegible] Parish [illegible]

Permit Serial No. [illegible] Work Permit No. 177-77

Description of Work [illegible] Cement [illegible]

Sand & Reservoir To Be Tested ____ TD 8161'

Operator [illegible] Oil Company

Address [illegible] 51486

City State & Zip Lafayette, La. 70505

Permit Requested By [illegible] Date 3/6/77

Permit Authorized By Wm C. Wilkite District L.C. Date 3/7/77

See Instructions On Reverse Side Form DM-4R Rev

DEPARTMENT OF CONSERVATION

[illegible]

WELL SERIAL NO. [illegible]

WORK PERMIT NO. ____

DATE WORK DONE [illegible]

DISTRICT

[illegible] (District Office)

[illegible] Completed And Signed.

NOTE: [illegible] Sec. 28 Twp. 11S Rge. 13[illegible]

Field [illegible] Parish [illegible] Well No. 15A

Operator [illegible] Well Name [illegible]

Total Depth 8161' [illegible]

1. Surface Casing Size [illegible] Amount Pulled None

2. Protection Casing Size [illegible] Amount Pulled —

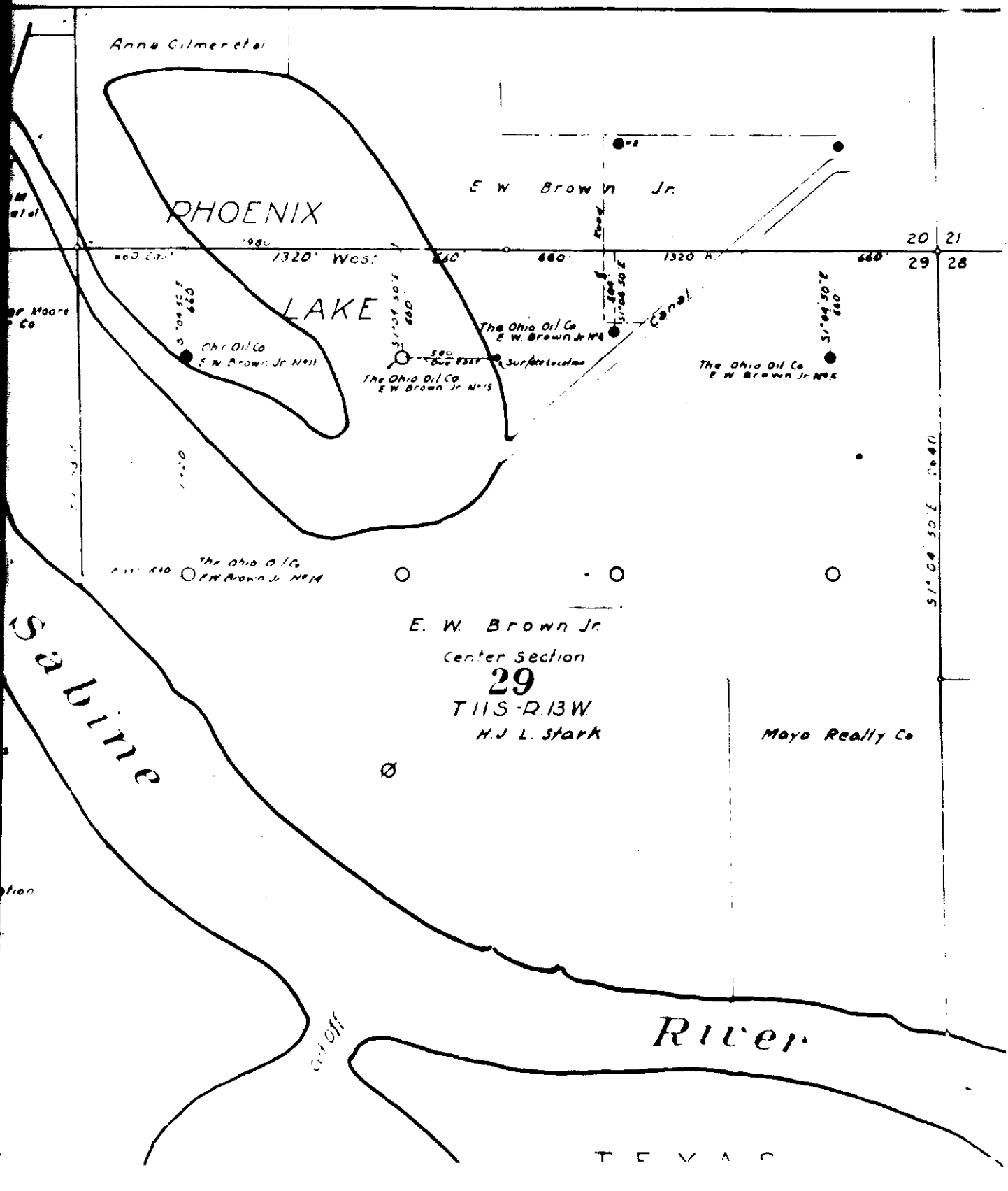
3. Production Casing Size 2" [illegible] Amount Pulled 1562'

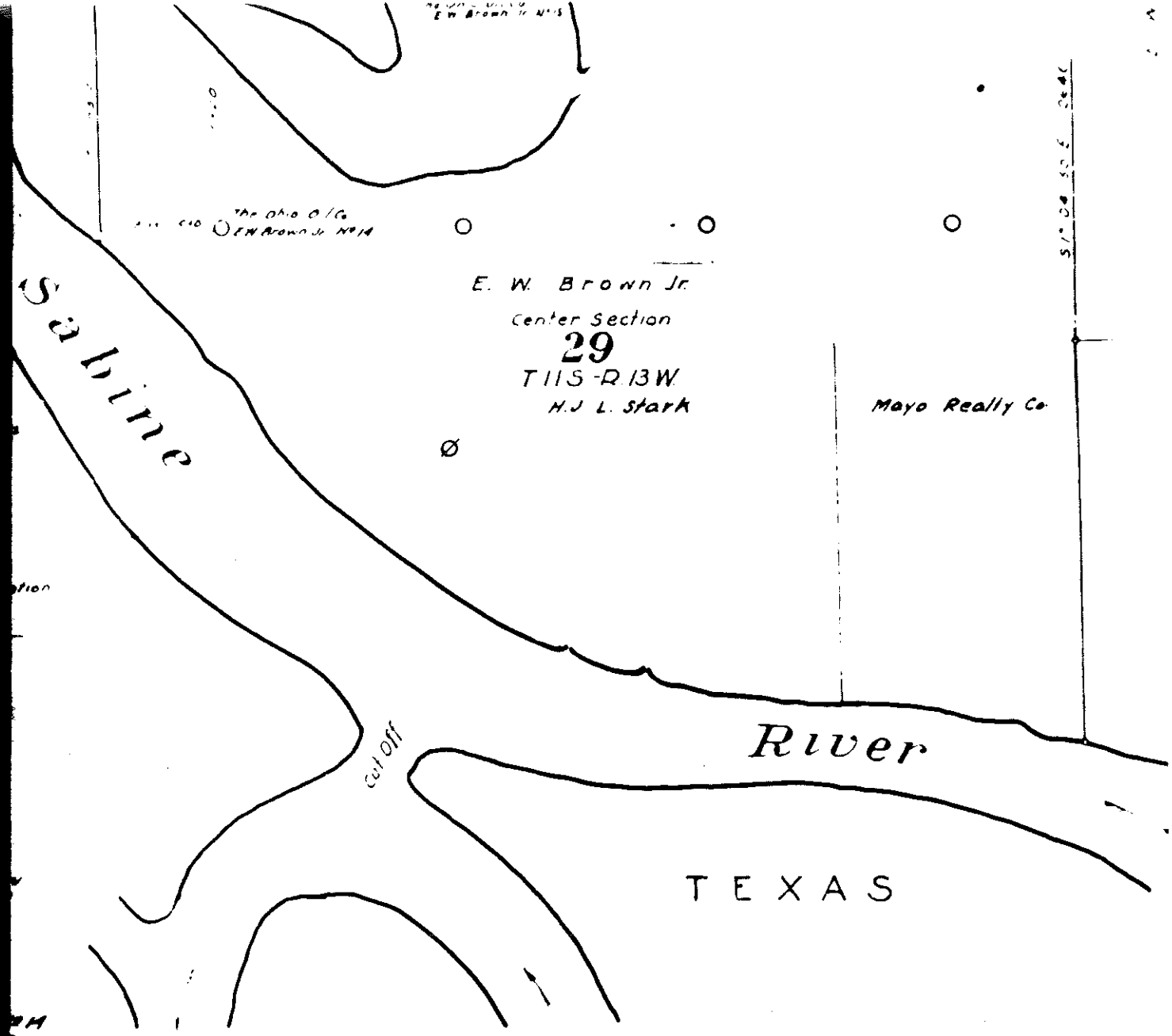
CEMENT [illegible]

[illegible] No. of Sacks [illegible] How Placed Rig Pump

We hereby certify that we stake
shown and calculated the directi
F Shuff's Sons Civil Engineers

By





Well Location The Ohio O/Co E W Brown Jr No 15
Bottom of hole location
Beginning at the N W Corner of Section 29, T 11S-R 13W thence due East 1980 feet along the North line of Sec 29, thence S [illegible] E [illegible] feet to location
Surface location 580 ft due East of Bottom of hole location

We hereby certify that we staked the surface location shown and calculated the directional on Jan 21, 1952
F Shums Sons Civil Engineers

By [illegible]
License No C E 110

STATE OF LOUISIANA
REGISTERED
PROFESSIONAL ENGINEER

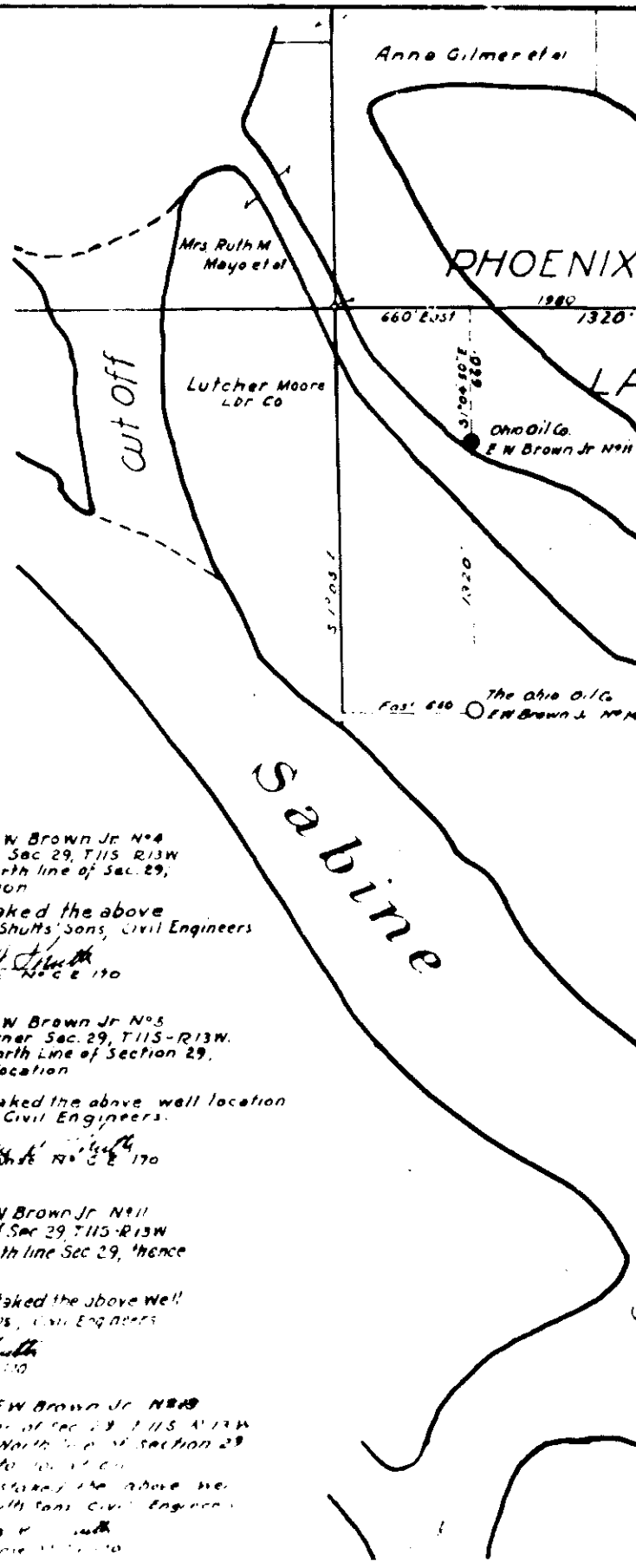
THE OHIO OIL CO WELL LOCATIONS IN SECTION 29 T11S-R13W.

Scale: 1"=600'

Aug 3, 1950

F. Shums Sons
Civil Engineers
Lake Charles, La

CALCASIEU PARISH, LA.



Well Location The Ohio Oil Co - E.W Brown Jr No 4
Beginning at the Northeast corner of Sec 29, T11S R13W
Thence West 1980 feet along the North line of Sec. 29,
thence S1°04'30"E 504 feet to location

We hereby certify that we staked the above
Well location Aug 1, 1950 F Shutts' Sons, Civil Engineers

By [signature]
License No C E 170

Well Location: The Ohio Oil Co - E.W Brown Jr No 5
Beginning at the Northeast corner Sec. 29, T11S-R13W.
Thence West 660 feet along the North Line of Section 29,
thence S 1°04 50"E 660 feet to location

We hereby certify that we staked the above well location
Aug 1, 1950. F Shutts' Sons, Civil Engineers.

By [signature]
License No C E 170

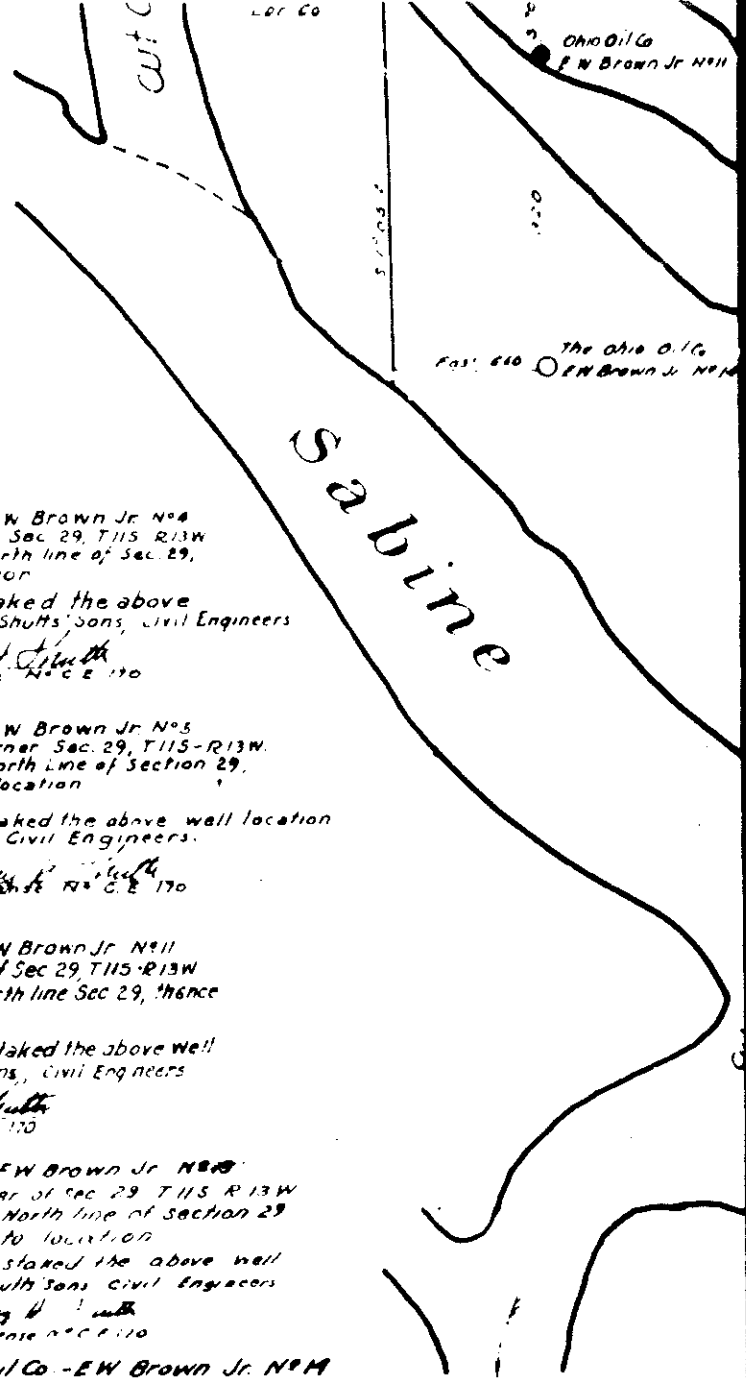
Well Location The Ohio Oil Co - E.W Brown Jr No 11
Beginning at the Northwest Corner of Sec 29, T11S-R13W
Thence East 660 feet along the North line Sec 29, thence
S1°04 30 E 660 feet to location

We hereby certify that we staked the above Well
Location Dec 27th 1950, F Shutts Sons, Civil Engineers

By [signature]
License No C E 170

Well Location The Ohio Oil Co-E W Brown Jr No 19
Beginning at the Northwest Corner of Sec 29 T 11S R 13W
[illegible] along the North line of Section 29
Thence S 1°04 30 E 660 ft to location
We hereby certify that we staked the above well
location [illegible] 8th 195[illegible] F Shutts Sons Civil Engineers

By [signature]
License [illegible]



Well Location The Ohio Oil Co - E. W Brown Jr. No 4
Beginning at the Northeast corner of Sec 29, T11S R13W
Thence West 1980 feet along the North line of Sec. 29,
thence S 1°04 50 E 504 feet to location

We hereby certify that we staked the above
Well Location Aug 1, 1950 F Shutts' Sons, Civil Engineers

By Henry H. Shutts
License No C E 170

Well Location: The Ohio Oil Co - E.W Brown Jr. No 5
Beginning at the Northeast corner Sec. 29, T11S-R13W.
Thence West 660 feet along the North Line of Section 29,
thence S 1°04 50 E 660 feet to location

We hereby certify that we staked the above well location
Aug 1, 1950. F Shutts' Sons, Civil Engineers.

By Henry H. Shutts
License No C.E 170

Well Location - The Ohio Oil Co - E.W Brown Jr No 11
Beginning at the Northwest Corner of Sec 29, T11S-R13W
Thence East 660 feet along the North line Sec 29, thence
S 1°04 50 E 660 feet to location

We hereby certify that we staked the above Well
Location Dec 27th 1950, F Shutts Sons, Civil Engineers

By Henry H. Shutts
License No C E 170

Well Location The Ohio Oil Co - E W Brown Jr No 13
Beginning at the Northwest Corner of Sec 29 T11S R13W
Thence East 1980 ft along the North line of Section 29
Thence S 1°04 50" E 660 ft to location
We hereby certify that we staked the above well
location Jan 8th 1951 F Shutts Sons Civil Engineers

By Henry H. Shutts
License No C E 170

Well Location The Ohio Oil Co - E W Brown Jr. No 14
Beginning at the Northwest Corner of Sec 29, T11S R. 13W
Thence: Due East 660 ft along the North line of Sec 29
Thence S 1° 05' E 1980 ft parallel to the West line of
Sec 29 and to location Ground elev 19
We hereby certify that we staked the above well
location on Aug 27th 1951 F Shutts Sons Civil Engrs

By Henry H. Shutts
License No C E 170

Well Location. The Ohio Oil Co - E W Bro
Bottom of hole location
Beginning at the N W Corner of Section
due East 1980 feet along the North lin
S 1°05 E 660 feet to location
Surface location 580 ft due East of

We hereby certify that we stake
shown and calculated the directi
F Shutts' Sons Civil Engineers

By
Lic

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

[illegible] (X) | NOTE | COMPLETION (X)

[illegible] ( ) | One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No.29-A Section X, Paragraph A, Article 1.) | RECOMPLETION ( ) PERMIT SERIAL NO. ____

[illegible] Calcasieu FIELD Phoenix Lake SEC. 29 TWP. 11S RNG. 13W

[illegible] The Ohio Oil Company LEASE E. W. Brown, Jr. WELL NO. 15

[illegible] CONTRACTOR Crow Drilling Co. DATE SPUDDED (OR W.O.) 2-26-52

[illegible] COMPLETED OR RECOMPLETED 4-8- 1952, AT ____ A.M. 11:00 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 258.52 BBLS./DAY (NET)

TUBING PRESSURE 1430 #/SQ.IN.GA. FLOWING (x) SHUT IN ( )

CASING PRESSURE 1400 #/SQ.IN.GA.

CHOKE . . . . SIZE 10/64 POSITIVE (x) ADJUSTABLE ( )

B. S. & W. Trace PERCENT SALT WATER ( ) WASH WATER ( )

GAS VOLUME 235 MCF/DAY

GAS/OIL RATIO 909 CF/BBLS.

GRAVITY 42.1 (60° A.P.I.)

PRODUCING DEPTH 7824 FT. TO 7830 FT.

PERFORATED YES (x) NO ( ) BOTTOM TUBING 8069 FT. SIZE 2 IN.

CASING (OIL STRING) SIZE 7 IN. I.D. ( ) O.D. (x) BOTTOM SEAT 8117 FT.

TOTAL DEPTH DRILLED 8161 FT. DERRICK FLOOR ELEVATION 17.31 KB FT.

Additional clearance is requested for ____ barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

THE OHIO OIL COMPANY
COMPANY

E R Downs
COMPANY REPRESENTATIVE

SDM - SDM -1-R
(Over)

4

POTENTIAL REPORT

OIL WELL _____ COMPLETION X

DISTILLATE WELL _____ RECOMPLETION _____

* * * * * * * * * * * * * *

GAS WELL _____ RETEST _____

PARISH _____ TIME GAUGED 2 HOUR

FIELD _____ OPENING TANK GAUGE 9' "

WELL NAME & NO. _____ CLOSING TANK GAUGE _____

COMPANY _____ DIFFERENCE _____

PERMIT NO. _____ SERIAL NO. _____ TANK NUMBER _____

LOCATION: SEC. ___ TWP. ___ RANGE ___ TANK COEF. (BBLS. PER INCH) 2.70

DATE COMPLETED _____ BARRELS PER _____ HOURS _____

DATE GAUGED _____ ESTIMATED BBLS. PER DAY _____

FLOWING OR PUMPING _____ CHOCK SIZE _____ TYPE _____

PRODUCING HORIZON _____ DAILY GAS VOLUME _____ *"M": CU. FEET

PRODUCING FROM _____ TO _____ GAS/OIL RATIO: _____

PERFORATED FROM _____ TO _____ TUBING PRESSURE 1440 LBS. SQ. IN.

CASING SEAT _____ FEET CASING PRESSURE 1400 LBS. SQ. IN.

TUBING: SIZE _____ IN. BOTTOM _____ PERCENT B. S. &/OR S. W. _____

TOTAL DEPTH _____ CORRECTED GRAVITY 42.1 DEGREES A.P.I

ACIDIZE WITH _____ GALLONS ELEVATION OF DERRICK FLOOR _____

WITNESSED _____ GAUGED BY _____
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE _____ DISTRICT OFFICE _____

CURRENT DATE _____

REMARKS: _____

*THOUSANDS

Form 3DM #2

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (X) COMPLETION (X)

GAS WELL ( ) NOTE

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 3-18-77

WELL SERIAL NO. 45157
WORK PERMIT NO. _____

L. C. DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field Phoenix Lake Parish Calcasieu Sec. 39 Twp. 11S Rge. 13W

Operator Phillips Oil Co. Well Name E.W. Brown Jr. Well No. 15A

Total Depth 8161' Condition of Well Depleted

1. Surface Casing Size 13 3/8" Depth 1582' Amount Pulled None
2. Protection Casing Size — Depth — Amount Pulled —
3. Production Casing Size 7" Depth 8105' Amount Pulled 1562'

CEMENT PLUGS

1. Depth 7830' To 7730' (Top of Plug) No. of Sacks 20 How Placed Rig Pump
2. Depth 1612' To 1500 No. of Sacks 60 How Placed " "
3. Depth 35 To 3' No. of Sacks 30 How Placed " "

Mud Record: Weight 9.0 Viscosity 34

Remarks: Cut 13 3/8 Csg. 5' Below Gr. w/ 1/2" Plated Top of Same
Seaboard Well Service Rig #4

This work was done according to the Rules and Regulations of the Department of Conservation.

Walter Doherty
WITNESS

Richard Well Service
OPERATOR

(Signed) [illegible]
REPRESENTATIVE

Form - P & A

Artificial Penetration 22

Marathon,

E.W. Brown, Jr., No. 17

N° 30332

BATON ROUGE OFFICE COPY

DEPARTMENT OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PARISH Calcasieu

BATON ROUGE, LA., May 1, 19 52

OPERATOR The Ohio Oil Company

FIELD Phoenix Lake

ADDRESS P. O. Box 1129, Shreveport 91, Louisiana

LOCATION OF WELL

1980' from North line and 1980' from West line

of Sec. 29, T 11-S, R 13-W

You are hereby authorized to drill E. W. Brown, Jr.

Well No 17 referred to under application bearing serial No. 45792

dated April 23, 19 52 signed by R. W. Fawcett

This well to be drilled to (8500') Marginulina one on surface area of 40 acres

DRILLING CONTRACTOR

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

Commissioner, Department of Conservation

Form MD-13-R

Office Manager, Division of Minerals

1M sets

Form MD-15 R

WELL FILE COPY

No. A

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION AMEND OPERATOR

Amended Permit $25.00

AMENDED PERMIT TO DRILL FOR MINERALS

SERIAL NO 45792

BATON ROUGE, LA August 2, 61

PARISH: Calcasieu

FIELD Phoenix Lake

OPERATOR Marathon Oil Company

ADDRESS: P. O. Box 3128

Houston, Texas

WELL NAME E. W. Brown, Jr.

No. 17

LOCATION OF WELL Sec. 29 T 11S R 13W

1980' from N. Line & 1980' from W. Line of Sec. 29

(Formerly The Ohio Oil Company)

L. C.: 8-29-62

Approved Director

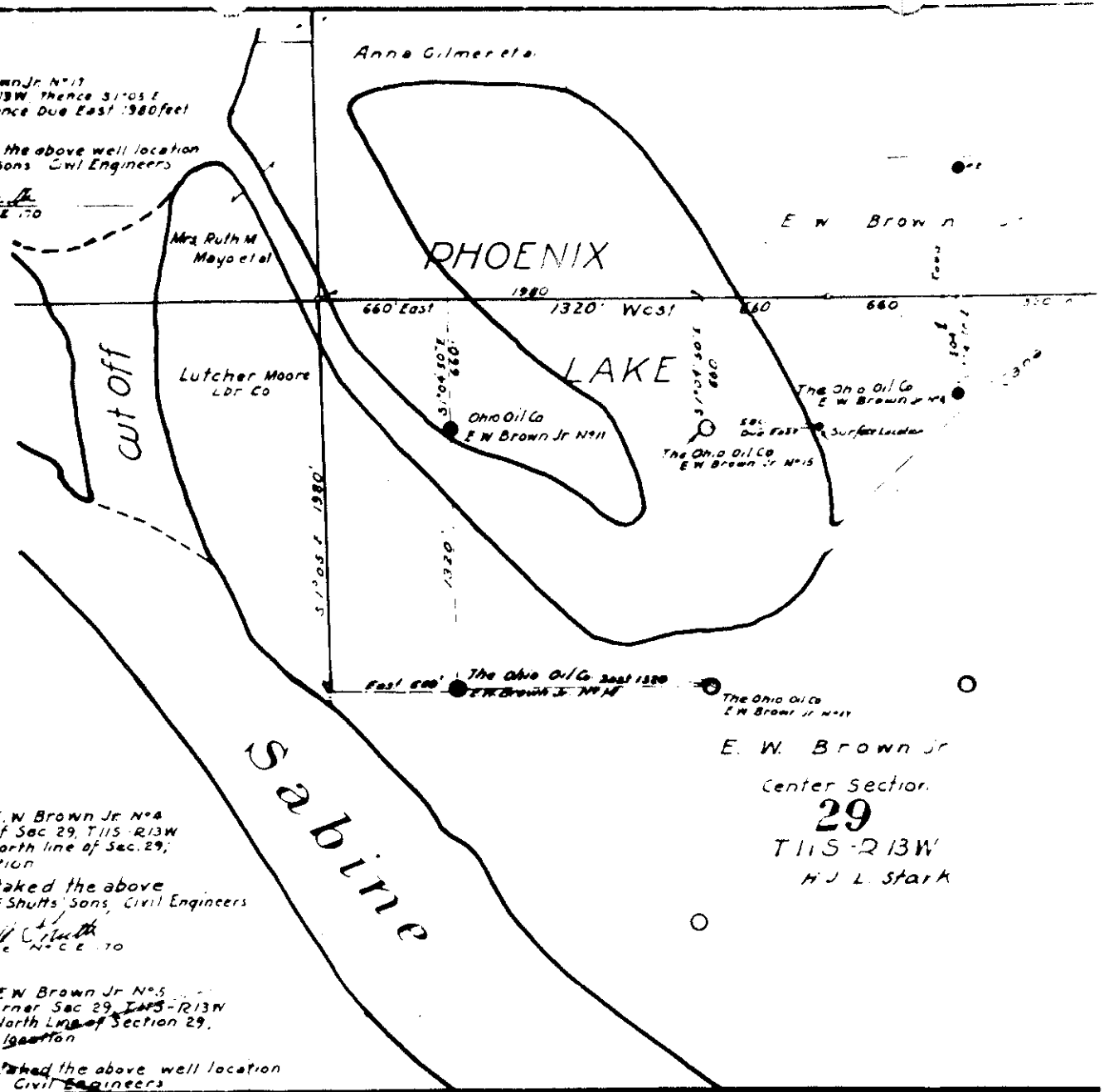
Order

Commissioner

Well Location The Ohio Oil Co E W Brown Jr No 17
Beginning at the NW corner of Sec 29 T11S-R13W thence S1°05 E
9-0 feet along the West line Sec 29 thence Due East 1980 feet
to location

We hereby certify that we staked the above well location
as shown on Sept 17th 1951 F Shutts Sons Civil Engineers

By [illegible]
License No C E 170



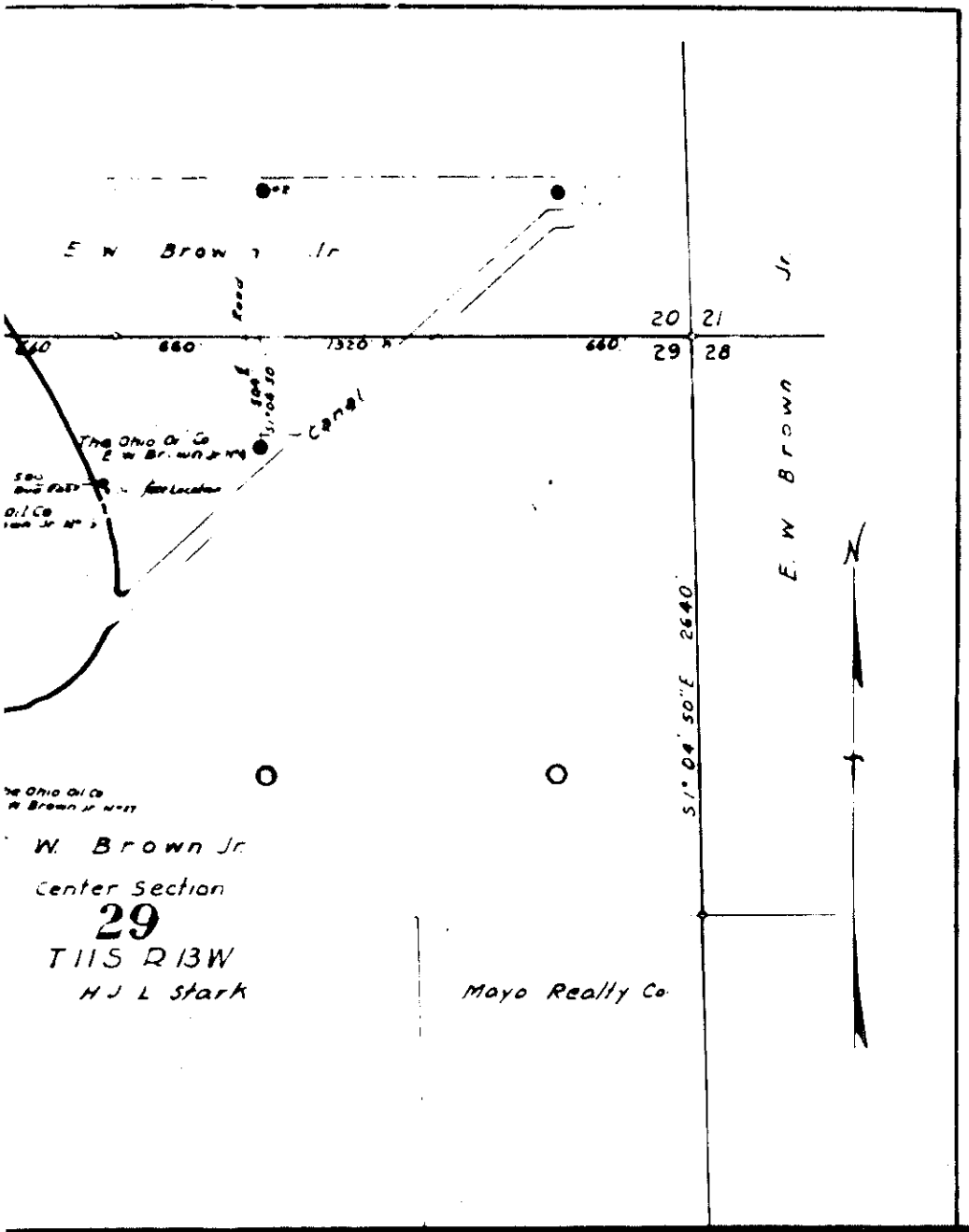
Well Location The Ohio Oil Co - E. W Brown Jr No 4
Begining at the Northeast corner of Sec 29, T11S-R13W
Thence West 1980 feet along the North line of Sec. 29;
thence S1°04 50 E 504 feet to location

We hereby certify that we staked the above
Well Location Aug 7, 1950 F Shutts Sons, Civil Engineers

By [illegible]
License No C E 170

Well Location The Ohio Oil Co - E W Brown Jr No 5
Beginning at the Northeast corner Sec 29, T11S-R13W
Thence West 660 feet along the North Line of Section 29,
thence S 1°04 50 E 660 feet to location

We hereby certify that we staked the above well location
Aug 1, 1950. F Shutts Sons, Civil Engineers



By

Well Location The Ohio Oil Co E W Brown Jr
Beginning at the Northwest Corner of Sec 29 T11S R 13W
Thence East 660 feet along the North line Sec 29 thence
S 1°04 50"E 660 feet to location

We hereby certify that we staked the above well
Location Dec 27th 1950, F Shutts Sons Civil Engineer

By
License No C E 170

Well location The Ohio Oil Co-E W Brown Jr No 13
Beginning at the Northwest Corner of Sec 29 T11S R 13W
Thence: East 1980 ft along the North line of section 29
thence S 1°04 50" E 660 ft to location
We hereby certify that we staked the above well
location on Aug 8th 1951 F Shutts Sons Civil Engineers

By
License No C E 170

Well Location The Ohio Oil Co -E W Brown Jr No 14
Beginning at the Northwest Corner of Sec 29 T11S R 13W
Thence: Due East 660 ft along the North line of Sec 29
Thence S 1° 05' E 1980 ft parallel to the West line of
Sec. 29 and to location Ground elev 19
We hereby certify that we staked the above well
location on Aug 27th 1951 F Shutts Sons Civil Engr

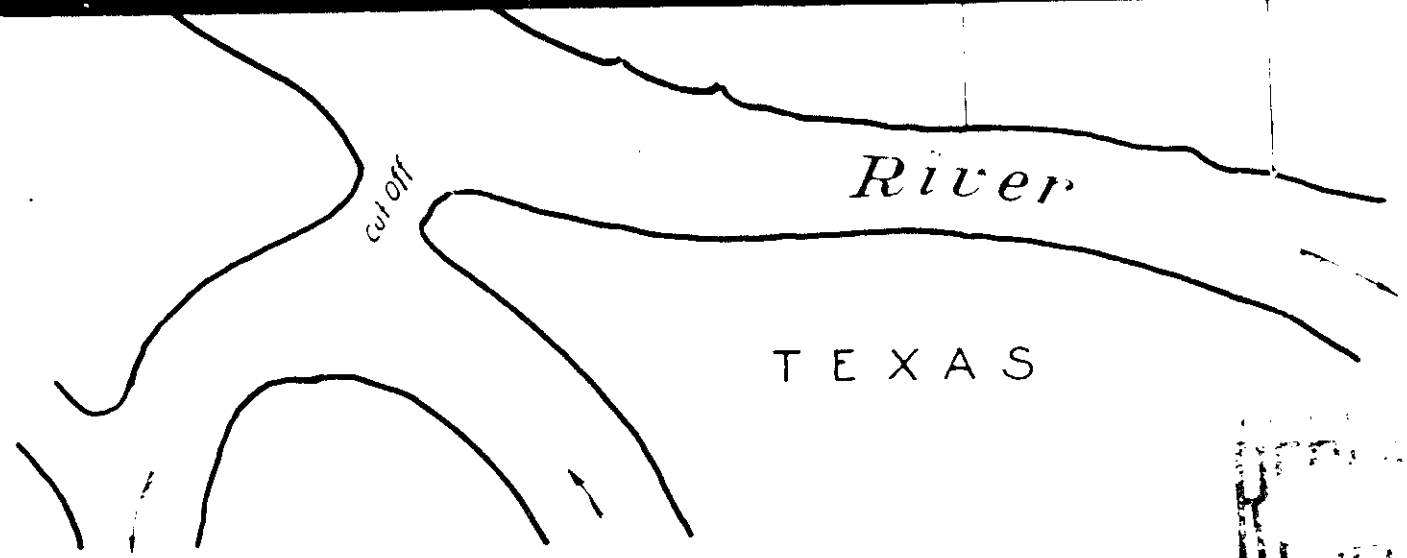
By
License No C E 170

E W Brown Jr Nº 1
of Sec 29 T11S-R13W
North line Sec 29, thence

staked the above well
Sons Civil Engineers

o-E W Brown Jr Nº 13
rner of Sec 29 T 11S R 13 W
he North line of section 29
to location
e staked the above well
Shutts Sons Civil Engineers
ense Nº C E 170

Oil Co - E W Brown Jr Nº 14
st Corner of Sec 29, T 11 S R 13 W
ong the North line of Sec 29
parallel to the West line of
Ground elev 19
e staked the above well
951 F Shutts Sons Civil Engrs
By Harry H Shutts
License Nº C E 170



Well Location: The Ohio Oil Co - E W Brown Jr Nº 15
Bottom of hole location
Beginning at the N W Corner of Section 29, T 11S-R 13W thence due East 1980 feet along the North line of Sec 29, thence S 1°05' E 660 feet to location
Surface location 580 ft due East of Bottom of hole location

We hereby certify that we staked the surface location as shown and calculated the directional on Jan 21, 1952
F Shutts' Sons Civil Engineers

By Harry H Shutts
License Nº C E 170

THE OHIO OIL CO
WELL LOCATIONS
IN SECTION 29
T 11 S - R 13 W.

Scale: 1" = 600' Aug. 3, 1950

F. Shutts' Sons
Civil Engineers
Lake Charles, La.

Jan 21, 1952
April 22, 1952

CALCASIEU PARISH, LA.

L. C. : 8-20-52 Zone of Trust Application Department of Conservation Order: Ernest W. Lee Commissioner Issuing Authority

ORIGINAL

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

LA

JUL 9 1955

LOG OF WELL

FIELD PHOENIX LAKE COMPANY THE OHIO OIL COMPANY

Parish CALCASIEU Sec. 29 Twp. 11S Rge. 13W Elevation Derrick Floor 18.93 K.B. Ground 5.59

Location 1980 Feet from North Line and 1980 Feet from West Line of Section

Lease E.W. Brown, Jr. Well No. 17 Permit No 30332 Permit Serial No. 45792

The data given herewith is a complete record of the well and all work done thereon as determined from all available records.

Rotary Drilling May 7 1952 Completed May 26, 1952

Completed as Oil (X) Gas ( ) Condensate ( ) Dry ( ) Well

OIL AND GAS ZONES	SALT WATER SANDS	FRESH WATER SANDS
Brown "B"		
From 7983 to 7990 feet	In zone of production	From to feet
From to feet	From to feet	From to feet
From to feet	From to feet	From to feet

DRILL STEM TESTS

Depth Seat	Depth Bottom	Recovery in Stands Oil	Recovery in Stands Water	Recovery in Stands Sd. or Mud	Choke Top	Choke Bottom	Lbs. Pressure Top	Lbs. Pressure Bottom	Date	Time	Size D. S.

CASING RECORD

Size	Wt. Per Foot	Make	Where Landed	No. of Sks. Cement	Stood Hours	Pressure Test, Lbs
16"	65#	Spang	221.35'	400	24	--
10 3/4"	32.75# & 40.5#	J. & L. Surface Casing	1,618.80'	1200	48	1,100#
7"	23# & 26#	Spang	8,076.03'	500	60	1,250#

COMPLETION DATA

Tubing Size -- Weight -- Length -- Screen Size -- Gage -- Length --

Perforations (prod. depth) from 7983 to 7990 ft. No. of holes 28 Jet

Acidized with -- gallons. Other physical or chemical treatment of well to induce flow. ---

Prod. began May 26 1952. Making 231 bbls./day of 42.2 A. P. I. Gravity Fluid on 9/64 Choke

Tbg. Pres. 1340 lbs./sq. in. Csg. Pres. 675 lbs./sq. in. Gas Vol. 171 M. C. F. Gas Oil Ratio 740

B. S. & W. Trace %. Gas Gravity -- B. T. U.'s/M. C. F. -- Gals. Gasoline M. C. F.

WELL DATA

(Indicate yes or no) whether or not the following information was obtained.

Electrical Log Yes Date May 21 19 52 Straight Hole Survey Yes Type Sureshot

Fluid Drilling Record Yes Other Types of Hole Survey Type

Core Analysis Yes Depth -- to --

to

LOCATION OF WELL BOTTOM

Length ft Departure ft Average Inclination Vertical Correction

Drilling Contractor Circle Drilling Co. Signed [illegible]

Date June 30 1952 Title Superintendent of Production

Form MB 104

DRILLER'S LOG

From	To	Type of Formation	From	To	Type of Formation
0	236	Surface Clay			
236	1,012	Surface Clay			
1,012	1,630	Sand & Clay			
1,630	2,677	Sandy Shale			
[illegible]	4,320	Shale & Sand			
4,320	4,702	Sand & Shale			
4,702	5,054	Shale & Sand w/ Lime			
5,054	6,338	Sand & Shale			
6,338	6,480	Shale, Sand & Lime			
6,480	6,834	Shale & Sand			
6,834	7,040	Sandy Strks. of Shale			
7,040	7,186	Shale & Lime			
7,186	7,720	Sand & Shale			
7,720	7,740	Shale			
7,740	7,775	Shale & Sandy Shale			
7,775	7,790	Sand			
7,790	7,950	Sand & Shale			
7,950	7,970	Shale			
7,970	8,001	Shale & Sand			
8,001	8,090	Shale			

POTENTIAL REPORT

OIL WELL X | COMPLETION X

GAS WELL | RECOMPLETION

* * * * * * * * * * * * * *

OIL WELL | RETEST

PARISH Calcasieu | TIME GAUGED 3:00 P.M. to 7:00 HOUR.

FIELD Phoenix Lake | OPENING TANK GAUGE 10' - 1½"

LEASE NAME & NO. E. A. Brown Jr. # 17 | CLOSING TANK GAUGE 11' -3½"

COMPANY The Ohio Oil Company | DIFFERENCE 1' -2 "

PERMIT NO. 30332 SERIAL NO. 45792 | TANK NUMBER 142

LOCATION: SEC. 29 TWP. 11S RANGE 13W | TANK COEF. (BBLS. PER INCH) 2.76

DATE COMPLETED May 26, 1952 | BARRELS PER 4 HOURS 38.50

DATE GAUGED May 26, 1952 | ESTIMATED BBLS. PER DAY 231.00

FLOWING OR PUMPING Flowing | CHOCK SIZE 9/64 TYPE Positive

PRODUCING HORIZON Brown "B" Zone | DAILY GAS VOLUME 180.27*"M": CU. FEET

PRODUCING FROM 7978 TO 7996 | GAS/OIL RATIO: 780

PERFORATED FROM 7983 TO 7990 | TUBING PRESSURE 1340 LBS. SQ. IN.

CASING SEAT 8076 FEET | CASING PRESSURE 675 LBS. SQ. IN.

TUBING: SIZE 2 IN. BOTTOM 8023 | PERCENT B. S. &/OR S. W. Trace

TOTAL DEPTH 8088 | CORRECTED GRAVITY 42.2 DEGREES A.P.I

ACIDIZE WITH GALLONS | ELEVATION OF DERRICK FLOOR 18.93K. B.

WITNESSED Clyde G. Bess | GAUGED BY J. D. Perry
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE Pet. Eng. | DISTRICT OFFICE Lake Charles

CURRENT DATE May 26, 1952

REMARKS: Static 203#, Diff. 72" water, Flowing temp. 88°, 1/2" 3" meter run. 500# x 100" meter.

*THOUSANDS

Form SOM #2

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

AUTHORITY TO PRODUCE

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

(X) One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (X)
RECOMPLETION ( )
PERMIT 80332
SERIAL NO. 45792

PARISH Calcasieu FIELD Phoenix Lake SEC. 29 TWP. 11S RNG. 13W

OPERATOR The Ohio Oil Company LEASE E.W. Brown, Jr. WELL NO. 17

DRILLING CONTRACTOR Circle Drilling DATE SPUDDED (OR W.O.) May 7, 1952

WELL COMPLETED OR RECOMPLETED May 26 19 52, AT 6:00 A.M. ____ P.M. ____

COMPLETION DATA:

INITIAL PRODUCTION 231.00 BBLS./DAY (NET)

TUBING PRESSURE 1340 #/SQ.IN.GA. FLOWING(X)SHUT IN( )

CASING PRESSURE 675 #/SQ.IN.GA.

CHOKE . . . . SIZE 9/64 POSITIVE (X) ADJUSTABLE( )

B.S. & W. trace PERCENT SALT WATER( ) WASH WATER(X)

GAS VOLUME 171 MCF/DAY

GAS/OIL RATIO 741 CF/BBLS.

GRAVITY 42.2 (60° A.P.I.)

PRODUCING DEPTH 7983 FT. TO 7990 FT.

PERFORATED YES (X) NO ( ) BOTTOM TUBING 8023 FT. SIZE 2-3/8 IN.

CASING (OIL STRING) SIZE 7 IN. I.D.( ) O.D.(X) BOTTOM SEAT 8076 FT.

TOTAL DEPTH DRILLED 8088 FT. DERRICK FLOOR ELEVATION 18.93 KB FT.

Additional clearance is requested for _____ barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

The Ohio Oil Company
COMPANY

COMPANY REPRESENTATIVE

FORM - SDM-1-R
(Over)

45792

[illegible]

[illegible] 17 [illegible]
[illegible] field [illegible]
45792

[illegible] Abandon according to [illegible] rules [illegible]
of [illegible] department of [illegible]

[illegible]
[illegible] ox [illegible]
[illegible] Texas

7-17-72 [illegible] 45792

[illegible] 385-72

Lake Charles [illegible]

[illegible]

[illegible] Lake Calcasieu [illegible] 11S [illegible] 13W

Marathon Oil Company E. H. Brown Jr. [illegible] 17

[illegible] Depleted

16"	219'	[illegible]	0
10-3/4"	1515'	[illegible]	0
7"	8076'	[illegible]	0

[illegible]

[illegible]90'	7675'	35	Displacement
2"	100'	20	"
10#		50	

MARATHON OIL COMPANY

Artificial Penetration 23

Marathon,

E.W. Brown, Jr., No. 22

BATON ROUGE OFFICE

No. 11052

DEPARTMENT OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., August 13, 1952

PARISH Calcasieu FIELD Phoenix Lake

OPERATOR The Ohio Oil Company

ADDRESS P. O. Box 1129, Shreveport, La.

LOCATION OF WELL

Begin at NE. Corner of Sec. 29, thence South 1420' along East line, thence West 2190' to location

in Sec. 29 T. 11-S R. 13-W

You are hereby authorized to drill E. W. Brown, Jr.

Well No. 22 referred to under application bearing serial No. 46542

dated August 1, 1952, signed by R. W. Fawcett

This well to be drilled to (8500') Marginulina zone on surface area of 40 acres

DRILLING CONTRACTOR Glasscock Drilling Co., Shreveport, La.

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

Commissioner, Department of Conservation

Office Manager, Division of Minerals

Form MD-13-R

2M cats 10-26

WELL FILE COPY

No. 21 A

Form MD 15 R

Amended Permit $25.00

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION [redacted]

AMENDED PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., August 2, 1962

SERIAL NO. 46542

FIELD Phoenix Lake

PARISH: Calcasieu

OPERATOR: Marathon Oil Company

ADDRESS: P.O. Box 3128

Houston, Texas

No. 22

WELL NAME E. W. Brown, Jr.

LOCATION OF WELL Sec. 29 T. 11S R. 13W

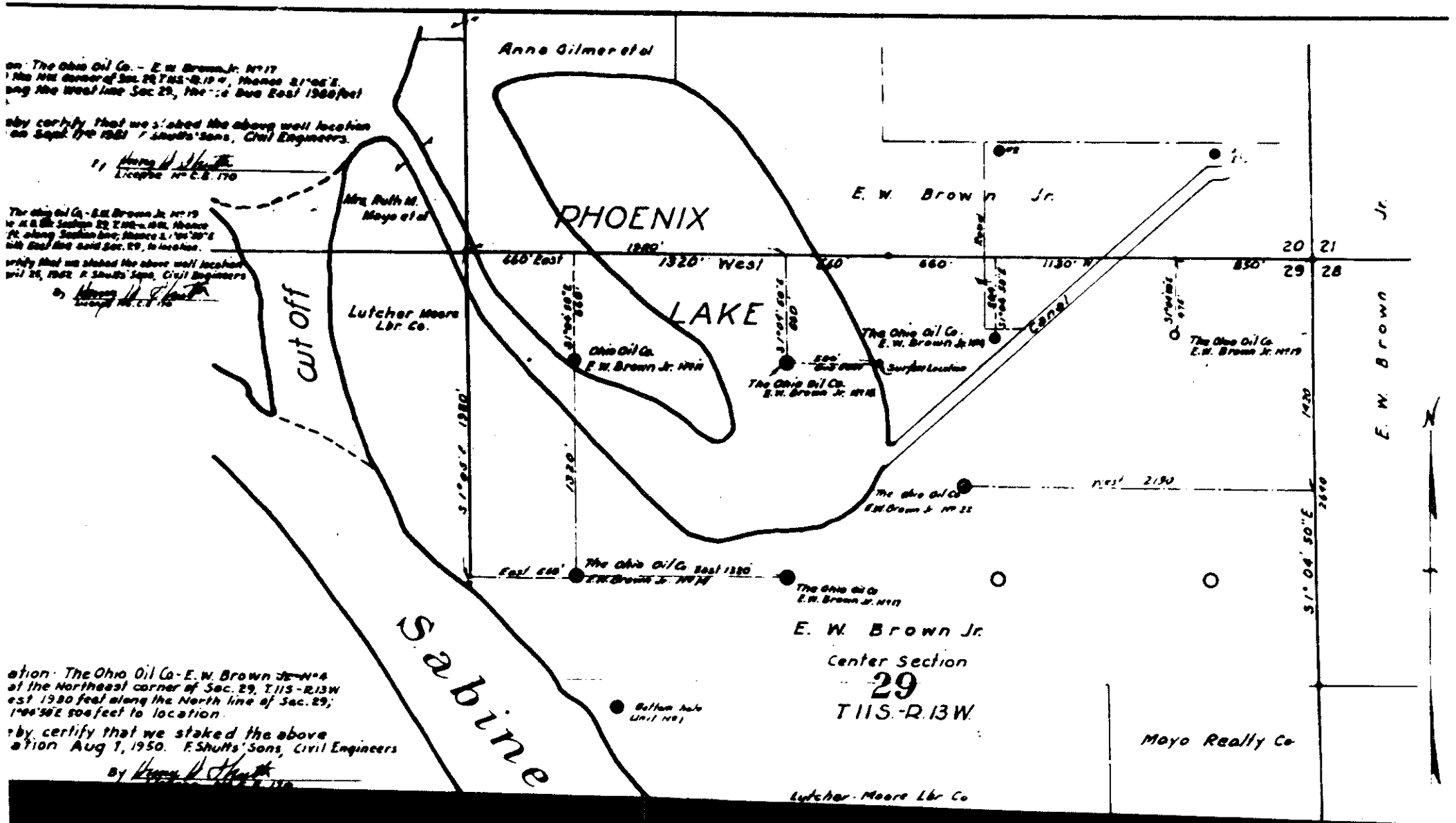
Begin at NE/cof Sec. 29, thence So. 1420' along E. Line, thence West 2190' to location.

(Formerly The Ohio Oil Company)

Appropriate Department of Conservation Order

Commissioner

L.C: 8-29-62



...on: The Ohio Oil Co. - E. W. Brown Jr. No 17
...the NW corner of Sec. 29, T 11 S - R 13 W, thence S 1° 05' E.
...ong the West line Sec. 29, thence due East 1980 feet

...by certify that we staked the above well location
...on Sept. 17th 1951 F. Shutts' Sons, Civil Engineers.

By [signature]
License No C.E. 170

The Ohio Oil Co. - E. W. Brown Jr. No 19
...ft. along Section line; thence S 1° 04' 50" E
...with East line said Sec. 29, to location.

...rtify that we staked the above well location
...ril 26, 1952 F. Shutts' Sons, Civil Engineers

By [signature]
License No C.E. 170

...ation: The Ohio Oil Co - E. W. Brown Jr. No 4
...at the Northeast corner of Sec. 29, T 11 S - R 13 W
...est 1980 feet along the North line of Sec. 29;
...1° 04' 50" E 506 feet to location.

...by certify that we staked the above
...ation Aug 7, 1950. F. Shutts' Sons, Civil Engineers

By [signature]

~~Well Location: The Ohio Oil Co.- E.W. Brown Jr. N°5~~
~~Beginning at the Northeast corner Sec. 29, T.11S.-R.13W~~
~~Thence West 660 feet along the North Line of Section 29,~~
~~Thence S 1°04'50"E 660 feet to location.~~

~~We hereby certify that we staked the above well location~~
~~Aug 1, 1950. F. Shutts' Sons, Civil Engineers.~~

~~By Henry H. Shutts~~
~~License N° C.E. 170~~

Well Location- The Ohio Oil Co.- E.W. Brown Jr. N°11
Beginning at the Northwest Corner of Sec. 29, T11S-R.13W.
Thence East 660 feet along the North line Sec 29, thence
S 1°04'50"E 660 feet to location

We hereby certify that we staked the above well
Location Dec. 27th 1950, F. Shutts Sons, Civil Engineers

By Henry H. Shutts
License N° C.E. 170

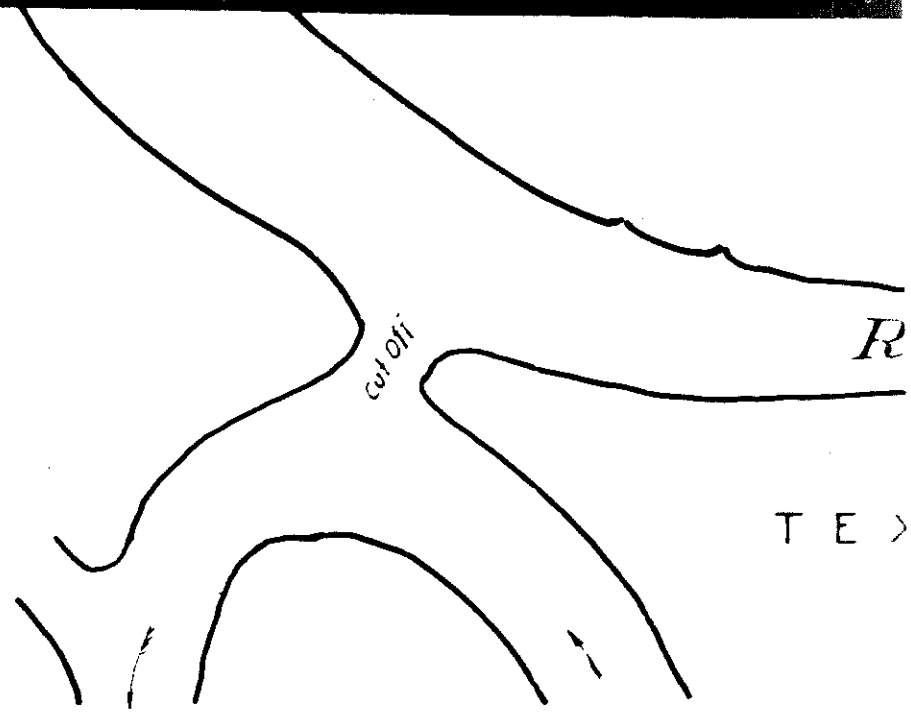
~~Well Location. The Ohio Oil Co-E.W. Brown Jr. N°13~~
~~Beginning at the Northwest Corner of Sec 29, T.11S. R.13W~~
~~Thence: East 1980 ft along the North line of section 29~~
~~Thence S 1°04'50"E 660 ft to location~~
~~We hereby certify that we staked the above well~~
~~location Jan 8th 1961 F. Shutts Sons Civil Engineers~~
~~By Henry H. Shutts~~
~~License N° C.E. 170~~

Well Location. The Ohio Oil Co.-E.W. Brown Jr. N°14
Beginning at the Northwest Corner of Sec 29, T.11S.R.13W
Thence: Due East 660 ft along the North line of Sec. 29
Thence: S. 1° 05'E. 1980 ft. parallel to the West line of
Sec. 29 and to location Ground elev 19
We hereby certify that we staked the above well
location on Aug 27th 1951. F. Shutts Sons Civil Engrs
By Henry H. Shutts
License N° C.E. 170

Well Location: The Ohio Oil Co.-E.W. Brown Jr. N°22
Beginning at the N.E. Corner Sec. 29, T.11S.-R.13W, thence S1°04'50"E 1480 ft
along the East line Sec. 29, thence West 2190 ft to location.

We hereby certify that we staked the above well location as
shown on July 2, 1952. F. Shutts Sons, Civil Engineers

By Henry H. Shutts
License N° C.E. 170



Well Location; The Ohio Oil Co.-E.W. Brown Jr. N°15
Bottom of hole location
Beginning at the N.W. Corner of Section 29, T.11S-R.13W, thence
due East 1980 feet along the North line of Sec 29, thence
S 1°05'E 660 feet to location
Surface location 580 ft due East of Bottom of hole location

We hereby certify that we staked the surface location as
shown and calculated the directional on Jan 21, 1952
F. Shutts' Sons Civil Engineers

By Henry H. Shutts
License N° C.E. 170

R

T E >

THE
WEL
IN

Scale

CA

[illegible]
Zone or Reservoir of proposed completion:
Applicable Department of Conservation Order:
Commissioner
Issuing Authority

L.C: 8-29-62

RECEIVED
OCT 31 1952
DEPARTMENT OF MINERALS
LAKE

ORIGINAL
(TO KEEP TO PERMITTEE COPIES MUST BE FURNISHED THIS DEPARTMENT)

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

LOG OF WELL

FIELD PHOENIX LAKE COMPANY THE OHIO OIL COMPANY

Parish CALCASIEU Sec. 29 Twp. 11 S Rge. 13 W Elevation Derrick Floor 18.49 Ground 3.79

Location 1420 Feet from North Line and 2190 feet from east line of Section 29.

Lease E. W. Brown, Jr. Well No. 22 Permit No. 31082 Permit Serial No. 46542

The data given herewith is a complete record of the well and all work done thereon as determined from all available records.

Began Drilling September 2 1952 Completed September 22, 1952
Completed as Oil (X) Gas ( ) Condensate ( ) Dry ( ) Well

OIL AND GAS ZONES	SALT WATER SANDS	FRESH WATER SANDS
From 7984 to 7988 feet	In zone of production	From to feet
From to feet	From to feet	From to feet
From to feet	From to feet	From to feet

DRILL STEM TESTS

Depth Seat	Depth Bottom	Oil	Recovery in Stands Water	Recovery in Stands Sd. or Mud	Chokes Top	Chokes Bottom	Lbs. Pressure Top	Lbs. Pressure Bottom	Date	Time	Size D. S.

CASING RECORD

Size	Wt. Per Foot	Make	Where Landed	No. of Sks. Cement	Stood Hours	Pressure Test, Lbs.
20"	66#	---	217.03'	400	24	---
9 5/8"	40#	National Tube	1,620.39'	800	48	1,500
5 1/2"	15.5# & 17#	Foreign	8,086.06'	500	60	1,600

COMPLETION DATA

Liner Size --- Weight --- Length --- Screen Size --- Gage --- Length ---

Casing Perforations (prod. depth) from 7984 to 7988 ft. No. of holes 16, 1/2" Jet

Acidized with --- gallons. Other physical or chemical treatment of well to induce flow ---

Prod. began September 22 1952 Making 157 bbls./day of 41.9° A. P. I. Gravity Fluid on 11/64" Choke

Tub. Pres. 500 lbs./sq. in. Csg. Pres. 0 lbs./sq. in. Gas Vol. 85 M. C. F. Gas Oil Ratio 541

B. S. & W. 1/10 %. Gas Gravity --- B. T. U.'s/M. C. F. --- Gals. Gasoline/M. C. F. ---

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.

Electrical Log Yes Date September 15 1952 Straight Hole Survey Yes Type Totco

Time Drilling Record Yes Other Types of Hole Survey Type

Core Analysis Yes Depth to

to

LOCATION OF WELL BOTTOM

Depth --- ft. --- Departure --- ft. --- Average Inclination Vertical Correction

Drilling Contractor Glasscock Drilling Company Signed R. W. Fewell

Date October 28, 1952 Title Superintendent of Production.

Departure ___ ft. ___ Average Inclination Vertical Correction

Drilling Contractor Glasscock Drilling Company Signed R. W. Fawcett

Date October 28, 1952 Title Superintendent of Production.

Form N 12 M R OC 6

DRILLER'S LOG

From	To	Type of Formation	From	To	Type of Formation
0	139	Sand			
139	225	Shale			
225	2,552	Shale and Sand			
2,552	3,205	Sand and Shale			
3,205	3,749	Shale			
3,749	4,109	Shale and Sand			
4,109	4,581	Sand and Shale			
4,581	5,453	Shale and Sand			
5,453	5,474	Lime and Shale			
5,474	6,054	Shale, Sand and Lime			
6,054	6,467	Sand, Shale and Lime			
6,467	6,965	Shale and Sand			
6,965	7,195	Sand and Shale			
7,195	7,767	Shale			
7,767	7,870	Sand			
7,870	7,970	Shale and Sand			
7,970	7,980	Shale, Sand, Coring			
7,980	8,000	Brown B			
8,000	8,085	Shale and Sand			
8,085	8,105	Shale			

POTENTIAL REPORT

OIL WELL _____ COMPLETION _____

DISTILLATE WELL _____ RECOMPLETION _____

* * * * * * * * * * * * * *

GAS WELL _____ RETEST _____

PARISH _____ TIME GAUGED _____ HOUR

FIELD _____ OPENING TANK GAUGE _____

WELL NAME & NO. _____ CLOSING TANK GAUGE _____

COMPANY _____ DIFFERENCE _____

PERMIT NO. _____ SERIAL NO. _____ TANK NUMBER _____

LOCATION: SEC. ___ TWP. ___ RANGE ___ TANK COEF. (BBLS. PER INCH) _____

DATE COMPLETED _____ BARRELS PER _____ HOURS _____

DATE GAUGED _____ ESTIMATED BBLS. PER DAY _____

FLOWING OR PUMPING _____ CHOCK SIZE _____ TYPE _____

PRODUCING HORIZON _____ DAILY GAS VOLUME _____ *"M": CU. FEET

PRODUCING FROM _____ TO _____ GAS/OIL RATIO: _____

PERFORATED FROM _____ TO _____ TUBING PRESSURE _____ LBS. SQ. IN.

CASING SEAT _____ FEET CASING PRESSURE _____ LBS. SQ. IN.

TUBING: SIZE _____ IN. BOTTOM _____ PERCENT B. S. &/OR S. W. _____

TOTAL DEPTH _____ CORRECTED GRAVITY _____ DEGREES A.P.I

ACIDIZE WITH _____ GALLONS ELEVATION OF DERRICK FLOOR _____

WITNESSED _____ GAUGED BY _____
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE _____ DISTRICT OFFICE _____

CURRENT DATE _____

REMARKS: _____

*THOUSANDS

Form SDM #2

DEPT. OF CONSERVATION
RECEIVED
OCT 15 1952
BATON ROUGE, LA.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED
SEP

OIL WELL (x) COMPLETION (x)

NOTE

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
SEP [illegible]

[illegible] DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (x)
DIS. WELL ( )
GAS WELL ( )

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No.29-A Section X, Paragraph A, Article 1.)

COMPLETION (x)
RECOMPLETION ( )
PERMIT SERIAL NO. ____

PARISH Jefferson FIELD Phoenix Lake SEC. 29 TWP. 11 S RNG. 13 W

COMPANY The Ohio Oil Co. LEASE E. W. Brown, Jr. WELL NO. 22

DRILLING CONTRACTOR Glasscock Drlg. Co. DATE SPUDDED (OR W.O.) Sept. 2, 52

DATE COMPLETED OR RECOMPLETED Sept. 22 1952, AT 7 A.M. x P.M. ____

COMPLETION DATA:

INITIAL PRODUCTION 157 BBLS./DAY (NET)

TUBING PRESSURE 500 #/SQ.IN.GA. FLOWING (x) SHUT IN ( )

CASING PRESSURE 0 #/SQ.IN.GA.

CHOKE . . . . SIZE 11/64 POSITIVE (x) ADJUSTABLE ( )

B. S. & W. 1/10 PERCENT SALT WATER ( ) WASH WATER (x)

GAS VOLUME 85 MCF/DAY

GAS/OIL RATIO 541 CF/BBLS.

GRAVITY 41.9 (60° A.P.I.)

PRODUCING DEPTH 7984 FT. TO 7988 FT.

PERFORATED YES (x) NO ( ) BOTTOM TUBING 8044 FT. SIZE 2 IN.

CASING (OIL STRING) SIZE 5 1/2 IN. I.D.( ) O.D.(x) BOTTOM SEAT 8086 FT.

TOTAL DEPTH DRILLED 8105 FT. DERRICK FLOOR ELEVATION 18.49 FT.

Additional clearance is requested for ____ barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

DEPT. OF CONSERVATION
RECEIVED
SEP 25 1952
BATON ROUGE, LA.

The Ohio Oil Company
COMPANY

[illegible]
COMPANY REPRESENTATIVE

FORM - SIM -1-R
(Over)

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 46542

Completed ☐ Flowing ☐ Operator: Marathon Oil Company
Recompleted ☒ Gas-Lifting ☐ Well Name: E. H. Brown, Jr.
Oil ☐ Pumping ☐ Well No.: 22, Sec. 29, Twp. 11S, Rge. 13W
Gas ☐ Shut-In ☐ Field Phoenix Lake
Parish Calcasieu

Date Completed or Recompleted 10-10-69 at 3:30 (~~a.m.~~) (p.m.)

COMPLETION DATA

Initial Production 9 BOPD Gas Volume 15 MCF/Day

Tubing Pressure 190 psig Casing Pressure 730 psig

Choke Size Open Positive ____ Adjustable ____ B.S.&W. 97.6 %

Gas/Oil Ratio 1667 CF/Bbl. Gravity 41.8 at 60° A. P. I.

Producing Depth: From 7979' Ft. to 7984 Ft. T. D. 8105 Ft.

Name of Producing Sand: Brown "B" Zone

*New Pool (*Old Pool) List Reason(s) for Pool Classification
Previously penetrated.

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for -0- barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ____ No ____
29-E Unit Attached - Yes ____ No ____
DATE: ____

Marathon Oil Company
COMPANY

COMPANY REPRESENTATIVE

Production Foreman
TITLE

DEPT. CONSERVATION
OCT 22 1969
LAKE CHARLES

Form - Comp.

POTENTIAL REPORT

Type Well Oil X Gas _____ Distillate _____

Type Test Comp. Recomp. X Retest _____ Regauge _____

Parish Calcasieu Field Phoenix Lake

Company Marathon Oil Co Serial No. 46542

Well Name & No. E.W. Brown Jr. No. 22-B

Location. Sec. 29 Twp. 11S Rge. 13W Flowing ~~Pump~~ G-L

Prod. Horizon Brown Bunk Perf. Int. 7979 to 7984

Casing Setting: Size 5½" @ 8086'

Tubing Setting: Size 2" @ 7888' T.D. 8105'

Date Completed in Tank 10-10-69 Date Gauged 10-21-69

Acidize with _____ gals. Elev. of Derr. Floor _____

— TEST DATE —

T. P. 190 C. P. 730 Choke Size 0 /64th

Closing ~~TK Gge.~~ Mtr 694 ft. _____ in. @ 9:30 AM Time

Opening ~~TK Gge~~ Mtr 685 ft. _____ in. @ 9:30 AM Time

Diff. bbls ft. 9 in. 24 Hours (Time)

Tank No — Tank Coef. —

Bbls. per 24 Hrs. _____ Est. Bbls. per Day 9

Daily Gas Vol. 15 M.C.F. G/O Ratio 1667

B.S.&W 976 % Corrected Gravity 41.8 Deg. A.P.I.

Witnessed [signature] Title [signature]

Gauged by Ben Halcombe Title Agent
Department of Conservation

District Office Lake Charles

Remarks Input: 3"x½" O.P. St. 810# - Diff. 70"

Output: 4"x1" O.P. - St. 110# - Diff. 36"

Flg. Taps. Std. Taps

95-75

Form S D M-2

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 46542

Completed	☐	Flowing	☐	Operator: Marathon Oil Company
Recompleted	☒	Gas-Lifting	☐	Well Name: E. W. Brown, Jr.
Oil	☐	Pumping	☐	Well No.: 22, Sec. 29, Twp. 11S, Rge. 13W
Gas	☐	Shut-In	☐	Field Phoenix Lake
				Parish Calcasieu

'6542

Work Permit
STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. E W Brown Jr # 22 ... 29 ... 13 W
Field Phoenix Lake Parish Calcasieu
Permit Serial No. 46542 Work Permit No.

Description of Work To plug & abd.; To set Cement plug of 15 sacks from 7650' to 7750', To set Cement plug of 60 sacks from 1500' to 1700', Set Cement plug from 6 to 56' w/ 20 sks Cmt Weld ½ steel plate on 9 ⅝ pipe 3 min Gl.

Sand & Reservoir To Be Tested TD 8105

Operator Marathon Oil Company
Address P.O. Box 51286
City, State & Zip Lafayette, La. 70501

Permit Requested By Luis Ortiz Date 8/24/76

Permit Authorized By Wm C. Wilhite District L.C. Date 5/25/76

See Instructions On Reverse Side Form DM-48 Rev

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 9-13-76 WELL SERIAL NO. 46542
WORK PERMIT NO.

L.C. DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field Phoenix Lake Parish Calcasieu Sec. 29 Twp. 11S Rge. 13W

Company Marathon Oil Company Lease E.W. Brown, Jr. Well No. 22

Total Depth 8105' Condition of Well Depleted

1. Surface Casing Size 9⅝ Depth 1620 Amount Pulled NONE
2. Protection Casing Size Depth Amount Pulled
3. Production Casing Size 5½ Depth 8086 Amount Pulled 1603'

CEMENT PLUGS

... 7190' No. of Sacks 15 How Placed Rig Pump

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 9-13-76

WELL SERIAL NO. 46542
WORK PERMIT NO.

G.C. DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field Phoenix Lake Parish Calcasieu Sec. 29 Twp. 11S Rge. 13W

Company Marathon Oil Co. Lease E.W. Brown, Jr. Well No. 22

Total Depth 8105' Condition of Well Depleted

1. Surface Casing Size 9 5/8 Depth 1620 Amount Pulled None
2. Protection Casing Size Depth Amount Pulled
3. Production Casing Size 5 1/2 Depth 8086 Amount Pulled 1603'

CEMENT PLUGS

1. Depth 7780' To 7680' No. of Sacks 15 How Placed Rig Pump
2. Depth 1697' To 1497' No. of Sacks 50 How Placed — —
3. Depth 33' To 3' No. of Sacks 15 How Placed Hand

Mud Record: Weight 9.0 Viscosity 30

Remarks: Cut 20" DP + 9 5/8 3' Below Surface w/ 1/2 Plate Welded Top of Same Sealed w/ Rig #4

This work was done according to the Rules and Regulations of the Department of Conservation.

Walter Dehuty
WITNESS

Marathon Oil Co.
COMPANY

(Signed) [illegible]
REPRESENTATIVE

Form - P & A