Artificial Penetration No. 26
Kin-Ark Oil Company
Haney No. 1

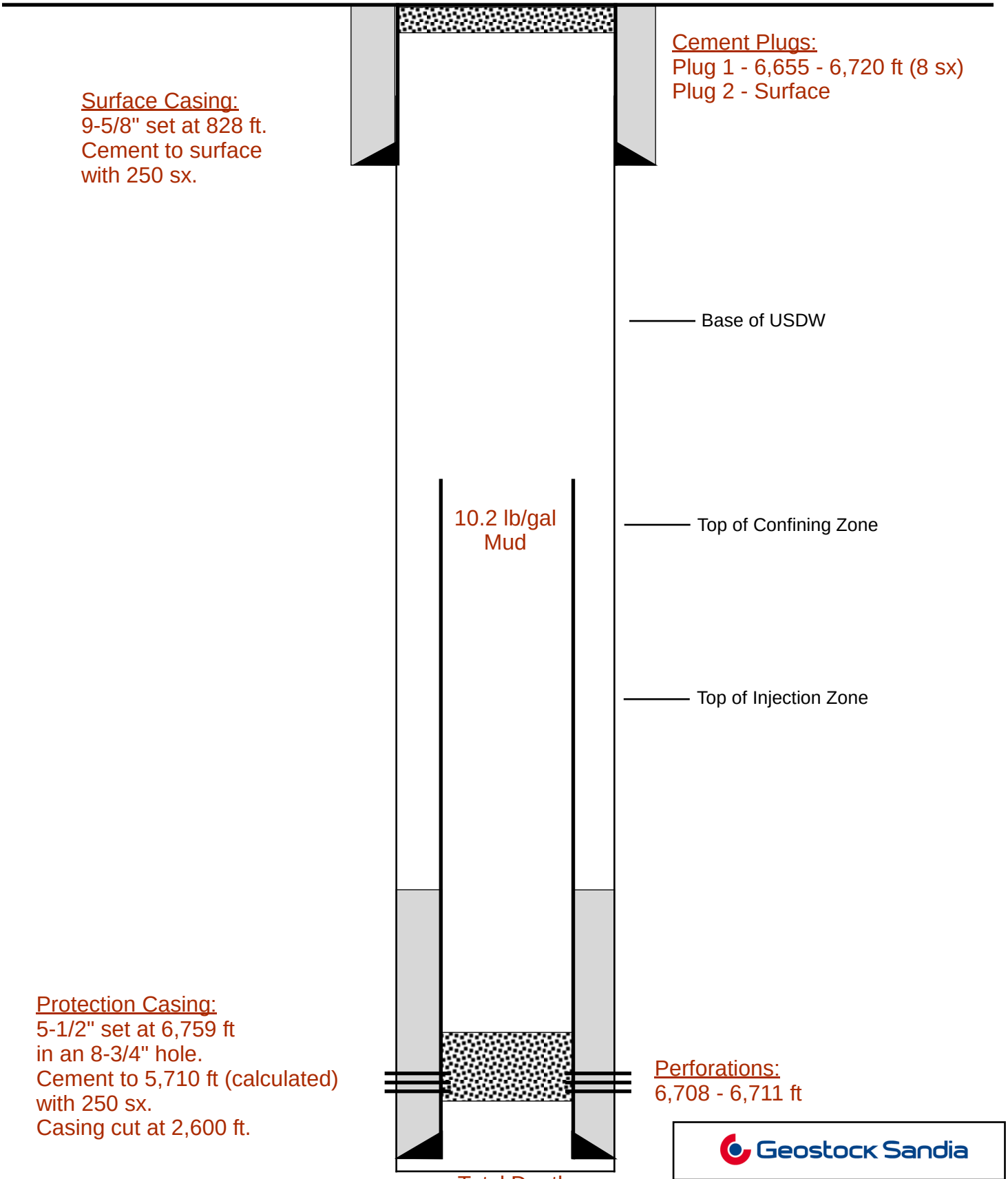
Geostock Sandia

Artificial Penetration No. 26

API Number: 03139-02271
Operator: Kin-Ark Oil Company
Well Name: Haney No. 1
Status: Plugged and Abandoned

Spud Date: February 24, 1956
Date Plugged: July 10, 1956
KB: 9.7 ft
Total Depth: 6,763 ft

Ground Level: 232 ft



Geostock Sandia

Date: January 2023 *Not to Scale*
Schematic based upon Arkansas State Records

Area of Review

Cement Volume and Height Calculation AP 26									
Hole Diameter (in)*	Casing Outer Diameter (in)	Casing Setting Depth (feet)	Prior Casing Depth (feet)	Cement Pumped (sacks)	Slurry Volume (ft^3/sack)	Annular Volume Below Casing (gal)	Cement Volume Pumped (gal)	Calculated Cement Height (feet)	Calculated Top of Cement (feet)
8 3/4	5 1/2	6,759	828	250	1.06	11,207	1,982	1,049	5,710

**Bit sizes (hole diameter) come from Log or conservative estimates are used when unknown.*

EQUATIONS

CASING ANNULAR VOLUME

$$[(D^2 - d^2) \times (L - L_{sc}) \times 0.0408] + [(D^2_{sc} - d^2) \times [L_{sc} \times 0.0408] = \text{Volume (gals)}$$

D	=	Hole Diameter (in)
d	=	Casing OD (in)
L	=	Setting Depth (ft)
L_{sc}	=	Surface Casing Setting Depth (ft)
D_{sc}	=	Surface Casing ID (in)

CEMENT VOLUME

$$V_{SL} \times \text{\# of sacks} \times 7.48052\ \text{gal/ft}^3 = \text{Volume (gals)}$$

V_{SL} = Slurry Volume (ft^3/sack)

10M--5-56--130981--C -McB

AOGC-3-(56)

STATE OF ARKANSAS
OIL AND GAS COMMISSION
El Dorado, Arkansas

RECEIVED
MAY 9 - 1956
Arkansas Oil & Gas Commission

Well Completion and Recompletion Report

(Instructions See Reverse Side)

Notice: This form must be completed and filed prior to allowable being granted

WELL DESCRIPTION

Field East Lisbon Producer Kin-Ark Oil Company
Pool Completed In Smackover Lime
Lease Name Haney No 1 Address Street 411 North Murphy
Exact Location Center NE¼ SW¼
City El Dorado
Sec 13 Twp 17S Rge 16W
County Union State Ark.
Date Commenced 2-24-56
Date Completed 4-7-56
Elevation 240
Total Depth Drilled 6763'
Electric Log Run Yes X No
Electric Log Filed Yes X No

CASING, TUBING, PERFORATING AND COMPLETION PROGRAM USED IN WELL

Conductor (Size & Wt) set at ft w/ sks
Surface (Size & Wt.) 821' - 9 5/8 - 36# set at 828 ft w/ 250 sks
Intermediate (Size & Wt.) set at ft w/ sks
Production (Size & Wt) 6759' - 5½ - 15.50# set at 6759 ft w/ 250 sks
Tubing (Size & Wt) 2" - 4.60# set at 6710 ft
Perforations. Size Jet No Per Foot 5
Perforated Intervals 6708-6711

Acidized Yes No , Interval w/ gals.
Fractured Yes No , Interval w/ lbs
of sand, bbls of oil.

LEASE DATA

1 Number of wells located on this lease, including this well One
2 Tank battery to which this well is connected Existing yes New yes
3 Liquid production from this well is sold to ((Address
4 Disposition of gas from this well Vented Fuel X Sold
If sold, to whom
Address

PRODUCTION DATA

Date of Test 5-2-56 Actual Length of Time Tested 24 hrs.
Type Well Flowing Gas Lift Pump X
Tubing Pressure Casing Pressure Choke Size
Net Oil Produced 33 bbls Gas Produced MCF % BSW 130 GOR
Gravity Oil 30 BHP Recorded
Net Oil in 24 Hours 33 Open Flow Potential MCF
Purpose of this test Original Completion X Workover Recompletion
Allowable Requested all well can pump

REMARKS PLAN TO DIESEL OIL SQUEEZE AS SOON SUFFICIENT OIL IS PRODUCED FOR JOB.
Please use reverse side of this page for all pertinent remarks

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete

Early L. Kinard

REMARKS.

INSTRUCTIONS.

The Well Completion Test Form, WITH ALL INFORMATION REQUESTED THEREON FILLED IN, shall be filed not later than five (5) days after the test is completed, and should the operator fail to file a test form in an acceptable form within the five (5) days as specified, then the effective date of the allowable resulting from such test shall not extend back more than five (5) days prior to receipt and acceptance of the test form This five-day provision shall govern regardless of whether the test is taken during the month in which it is received or any prior month

Any test form resulting from a retest of an oil well which is received after the fifteenth (15th) of the month shall not be used as the basis for the establishing a new allowable before the issuance of the proration schedule for the next succeeding month

10M—2-56—130981—C-McB

AOGC-3-(56)

RECEIVED

MAY 9 - 1956

Arkansas Oil & Gas Commission

STATE OF ARKANSAS
OIL AND GAS COMMISSION
El Dorado, Arkansas

Well Completion and Recompletion Report

(Instructions See Reverse Side)

Notice: This form must be completed and filed prior to allowable being granted

WELL DESCRIPTION

Field: East Lisbon
Producer: Kin-Ark Oil Company
Pool Completed In: Smackover Lime
Lease Name: Haney No. 1
Address Street: 411 North Murphy
Exact Location: Center NE¼ SW¼
City: El Dorado
Sec. 13 Twp. 17S Rge. 16W
County: Union
State: Ark.
Date Commenced: 2-24-56
Date Completed: 4-7-56
Elevation: 240
Total Depth Drilled: 6763'
Electric Log Run. Yes X No
Electric Log Filed Yes X No

CASING, TUBING, PERFORATING AND COMPLETION PROGRAM USED IN WELL

Conductor (Size & Wt.) ____ set at ____ ft w/ ____ sks
Surface. (Size & Wt.) 821' - 9 5/8 - 36# set at 828 ft w/ 250 sks
Intermediate (Size & Wt.) ____ set at ____ ft w/ ____ sks
Production. (Size & Wt.) 6759' - 5½ - 15.50# set at 6759 ft w/ 250 sks
Tubing (Size & Wt.) 2" - 4.60# set at 6710 ft
Perforations. Size Jet No. Per Foot 5
Perforated Intervals 6708-6711

Acidized Yes ____ No ____, Interval ____ w/ ____ gals.
Fractured. Yes ____ No ____, Interval ____ w/ ____ lbs
of sand, ____ bbls of oil

LEASE DATA

1. Number of wells located on this lease, including this well: One
2. Tank battery to which this well is connected Existing: yes New: yes
3. Liquid production from this well is sold to (____
(Address ____
4. Disposition of gas from this well Vented ____ Fuel X Sold ____
If sold, to whom ____
Address ____

PRODUCTION DATA

Date of Test: 5-2-56 Actual Length of Time Tested: 24 hrs.
Type Well Flowing ____ Gas Lift ____ Pump X
Tubing Pressure ____ Casing Pressure ____ Choke Size ____
Net Oil Produced: 33 bbls Gas Produced ____ MCF % BSW 130 GOR ____
Gravity Oil: 30 BHP Recorded ____
Net Oil in 24 Hours: 33 Open Flow Potential ____ MCF
Purpose of this test Original Completion X Workover ____ Recompletion ____
Allowable Requested: all well can pump

REMARKS: PLAN TO DIESEL OIL SQUEEZE AS SOON SUFFICIENT OIL IS PRODUCED FOR JOB.

Please use reverse side of this page for all pertinent remarks

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete

Early L. Kinard

REMARKS.

INSTRUCTIONS

The Well Completion Test Form, WITH ALL INFORMATION REQUESTED THEREON FILLED IN, shall be filed not later than five (5) days after the test is completed, and should the operator fail to file a test form in an acceptable form within the five (5) days as specified, then the effective date of the allowable resulting from such test shall not extend back more than five (5) days prior to receipt and acceptance of the test form This five-day provision shall govern regardless of whether the test is taken during the month in which it is received or any prior month

Any test form resulting from a retest of an oil well which is received after the fifteenth (15th) of the month shall not be used as the basis for the establishing a new allowable before the issuance of the proration schedule for the next succeeding month

Halliburton
OIL WELL CEMENTING COMPANY

CEMENTING SERVICE TICKET

No. C 5143953

	CUSTOMER'S ORDER NO	CUSTOMER'S REQ NO	SEC	TWP	RNG	TRK	CALLED OUT DATE A M	ON LOCATION DATE A M	JOB BEGAN DATE A M	JOB COMPLETED DATE A M
10.56		3-17-16					6:00	7:00	11:00	12:00

NO AND FARM	PLACE OR DESTINATION	COUNTY	STATE
ANEY #1	MT. HOLLEY RD.	UNION	ARK.

OWNER	CONTRACTOR	CHARGE TO
KIN ARK OIL CO.	CO. RIG	KIN ARK OIL CO.

DUNCAN ONLY

Cus. Inv. Req Orig. & ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ Other No Copies

MAILING ADDRESS

CITY & STATE: ELDORADO, ARK.

TERMS: $ _____ Cash discount will be allowed if paid by 20th of following month. 6% interest charged after 60 days from date of invoice.

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

TYPE OF JOB (X) ONE		CASING		HOLE DATA		TUBING OR DRILL PIPE		CEMENTING PACKER		MAKE FLOAT EQUIPMENT
SURFACE		NEW		BORE SIZE		SIZE	2"	SIZE		FLOAT COLLAR
INTERMEDIATE		USED								GUIDE SHOE
PRODUCTION		SIZE	5½	TOTAL DEPTH		TYPE	8RD	TYPE		FLOAT SHOE
SQUEEZE		WEIGHT	15.5	ROTARY		WEIGHT		WEIGHT		OTHER EQUIPMENT
PUMPING		DEPTH	6760							
PLUG BACK	✓			CABLE TOOL		TOTAL DEPTH	6720	DEPTH SET		
GROUTING		TYPE								
OTHER (WRITE IN)										

SQUEEZE OR PLUG BACK DATA

PURPOSE		DEPTH FROM	TO APPROX	IN SIZE CASING	HOLE
WATER					
GAS					
ABANDON	✓	6720	6665	5½	

CEMENT DATA

BULK? _____ SACKED? ✓ MIXED WT PER GAL 15.8

SACKS	TYPE	BRAND	% GEL	OTHER ADMIX
8	CON.			

OTHER DATA ON SERVICE OPERATION

PLUGS AND HEADS		PRESSURE	
BOTTOM PLUG	TYPE	CIRCULATING	800
TOP PLUG	TYPE	MINIMUM	500
TYPE HEAD		MAXIMUM	900

CEMENT LEFT IN CASING 65 FT

☑ BY REQUEST ☐ NECESSITY MEASURED WITH LINE? NO

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.

Was operation of the cementing equipment satisfactory? _____ Was the work of the crew performed in a satisfactory manner? _____

Was cementing job satisfactorily completed? _____ Suggestions _____

EARLY L. KINARD
OWNER OPERATOR OR HIS AGENT

TRUCK NO & TYPE	TITLE	NAME	LOCATION
4150 VRAC	CEMENTER	W. ARLEDGE	ELDORADO
	DRIVER	Y. M. BRADHAM	ARK.
	CEMENTER		
	DRIVER		
	CEMENTER		
	DRIVER		

INVOICE SECTION

DEPTH OF JOB 6720 FT.

PRICE REF	SERVICE AND RENTAL CHARGES	AMOUNT
	BASE CHARGE	
	ADD'N CHARGE	
	EXTRA TRUCK	
	STAND BY TRUCK	
	MILEAGE @	

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice.

SUB-TOTAL	
SALES TAX	
TOTAL	

HOWCO 488A-R3 COPY PRINTED IN U S A SANDEFER 6878 100M 11-55

PRINTED IN U S A
103 3 25 37500 1 56

NE SW 13-17-16

DOWELL INCORPORATED

TREATMENT NO

TREATMENT REPORT Acidizing SERVICE

4-5-1628

DISTRICT Shreveport, La. # 4 STATION El Dorado, Ark. # 05 DATE 6-12-56, 19

OWNER Kin-Ark Oil Company LEASE Haney WELL NO 3
POOL Lisbon COUNTY Union STATE Ark.
LOCATION OWNER'S REPRESENTATIVE

FORMATION Smackover
PAY FROM 6707 TO 6711
PRESENT TOTAL DEPTH 6730 P B FROM
DATE WELL COMPLETED 4-56 SIZE O H None
PERFORATING DATA OR PAY ZONES

SHOTS/FOOT	FROM	TO
4	6707	6711

CASING SIZE 5½ WEIGHT 15.5
CASING DEPTH 6720 SACKS CEMENT
LINER FROM None TO SIZE WT
TUBING SIZE 2" E/E DEPTH 6721 PERF
PACKER TYPE None DEPTH
TUBING VOLUME 26 ALLOWABLE PRESSURE 5000psi
CASING VOLUME ALLOWABLE PRESSURE
PRODUCTION INITIAL PRESENT
ACID SHOOTING & FRACTURING RECORD

TREATING MATERIALS

TYPE	AMOUNT
Mud Acid	500 gallons

TREATING EQUIPMENT
PUMPING EQUIPMENT 5089-7285
MIXING OR BLENDING
FLUSH TANKS
OTHER

TIME A M OR P M	PRESSURE CASING	PRESSURE TUBING	BARRELS OF FLUID OUT OF TANKS	IN FORMATION	PER READING	PER MINUTE	REMARKS
2:00 P. M.							ARRIVED AT LOCATION Hole full of salt water
							Test Lines with water to 5000 psi.
3:00	open	300	0	0	0		Start spotting acid
3:12	open	300	12	-	12	1	All acid in; start saltwater.
3:35	open	300	26	-	14	1	Acid on bottom; Close casing valve.
3:38		2000	28	2	2	1	Formation taking acid; Shut down; reverse out
3:45		2000	30.5	4.5	2.5	1	Start water down tubing; Pump 25 barrels saltwater

TOTAL BBLS PUMPED FILL & BREAKDOWN 0 TREATING FLUID 12 FLUSH 26
AVERAGE RATE TREATING FLUID 1 FLUSH 1
TREATING PRESSURE MAXIMUM 2000 MINIMUM 2000

SERVICE ENGINEER Marion STATION MANAGER W. . Sledge

DISTRICT OFFICE COPY.

Halliburton
OIL WELL CEMENTING COMPANY

CEMENTING SERVICE TICKET

No. CS 143221

DATE	CUSTOMER'S ORDER NO	CUSTOMER'S REQ NO	SEC	TWP	RNG	TRK	CALLED OUT DATE A M P M	ON LOCATION DATE A M P M	JOB BEGAN DATE A M P M	JOB COMPLETED DATE A M P M
4-2-56							11	12N	4	5

WELL NO. AND FARM	PLACE OR DESTINATION	COUNTY	STATE
Haney # 1	E. Lisbon Wildcat 13-17-16	Union	Ark.

OWNER	CONTRACTOR	CHARGE TO
Kin Ark Oil Co.	Co. Tools	Kin Ark Oil Co.

DUNCAN USE ONLY

Cus Inv Req. Orig. &
☐ 1
☐ 2
☐ 3
☐ 4
☐ Other
No Copies

MAILING ADDRESS

CITY & STATE: El Dorado, ARK.

TERMS: $ _____ Cash discount will be allowed if paid by 20th of following month. 6% interest charged after 60 days from date of invoice.

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

TYPE OF JOB (X) ONE		CASING		HOLE DATA		TUBING OR DRILL PIPE		CEMENTING PACKER		MAKE FLOAT EQUIPMENT
SURFACE		NEW		BORE SIZE		SIZE	2"	SIZE	5½	FLOAT COLLAR
INTERMEDIATE		USED								GUIDE SHOE
PRODUCTION				TOTAL DEPTH		TYPE		TYPE	Matthews R.P.	FLOAT SHOE
SQUEEZE	X	SIZE	5½							OTHER EQUIPMENT
PUMPING		WEIGHT	15.5	ROTARY	X	WEIGHT		WEIGHT		
PLUG BACK		DEPTH	6750							
GROUTING				CABLE TOOL		TOTAL DEPTH	6647	DEPTH SET	6647	
OTHER (WRITE IN)		TYPE								

SQUEEZE OR PLUG BACK DATA

PURPOSE		DEPTH FROM	TO APPROX	IN SIZE CASING	IN SIZE HOLE
WATER	X	6708	6710	5½	
GAS					
ABANDON					

CEMENT DATA

BULK? _____ SACKED? X MIXED WT PER GAL 15.?

SACKS	TYPE	BRAND	% GEL	OTHER ADMIX

OTHER DATA ON SERVICE OPERATION

PLUGS AND HEADS		PRESSURE	
BOTTOM PLUG	TYPE	CIRCULATING	4000
TOP PLUG	TYPE	MINIMUM	
TYPE HEAD		MAXIMUM	6000

CEMENT LEFT IN CASING _____ FT
☐ BY REQUEST ☐ NECESSITY MEASURED WITH LINE?

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.

Was operation of the cementing equipment satisfactory? _____ Was the work of the crew performed in a satisfactory manner? _____

Was cementing job satisfactorily completed? _____ Suggestions _____

Early L. Kinard
OWNER, OPERATOR OR HIS AGENT

TRUCK NO & TYPE	TITLE	NAME	LOCATION
3716 VP-AC	CEMENTER	L.L.Fallin	El Dorado,
	DRIVER	D.C.Farrar	El Dorado, A
	CEMENTER		
	DRIVER		
	CEMENTER		
	DRIVER		

INVOICE SECTION

DEPTH OF JOB _____ FT

PRICE REF	SERVICE AND RENTAL CHARGES	AMOUNT
	BASE CHARGE	
	ADD'N CHARGE	
	EXTRA TRUCK	
	STAND BY TRUCK	
	MILEAGE @	

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice.

SUB-TOTAL	
SALES TAX	
TOTAL	

FORM 62 1

SCHLUMBERGER

HOUSTON, TEXAS, U. S. A.

PRECISION GUN PERFORATING RECORD

Run No _____ Date April 5, 1956

Company Kin-Ark Oil Company Address 411 N. Murphy, El Dorado, Arkansas

Well Heney #1 Field Wildcat

County Union State Arkansas

Depth of Plug (By Schlumberger) 6731 (By Driller) 6731

Casing Specifications (First) OD 5½ ID ____ WT 15½ (Second) OD ____ ID ____ WT ____

Drilling Fluid Characteristics Nature: Water

Density _____ Viscosity _____ Fluid Level Full

DEPTH OF PERFORATIONS

Depth	Depth	Depth	Depth	Depth	Depth	Depth
		Shaped Charge Perforating (Expendable):				
		16 shots between 6708 and 6711				

Bullet Diameter SCE-A Total Number of Shots 16

Remarks Depths are by Gamma Ray log.

Observer R. C. Hines

R. C. Hines

Halliburton
OIL WELL CEMENTING COMPANY

CEMENTING SERVICE TICKET

No. C3 143217

DATE	CUSTOMER'S ORDER NO	CUSTOMER'S REQ NO	SEC	TWP	RNG	TRK	CALLED OUT DATE A.M. P.M.	ON LOCATION DATE A.M. P.M.	JOB BEGAN DATE A.M. P.M.	JOB COMPLETED DATE A.M. P.M.
3-29-56							7	8	9	10.30

WELL NO. AND FARM	PLACE OR DESTINATION	COUNTY	STATE
Hanye # 1	E. Lisbon 13-17-16	Union	Ark.

OWNER	CONTRACTOR	CHARGE TO
Kin Ark Oil Co.	Co. Tools	Kin Ark Oil Co.

DUNCAN USE ONLY

Cus Inv Req. Orig. &
☐ 1
☐ 2
☐ 3
☐ 4
☐ Other
No Copies

MAILING ADDRESS

CITY & STATE: El Dorado, Ark.

TERMS: $ _____ Cash discount will be allowed if paid by 20th of following month. 6% interest charged after 60 days from date of invoice.

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

TYPE OF JOB (X) ONE		CASING		HOLE DATA		TUBING OR DRILL PIPE		CEMENTING PACKER		MAKE FLOAT EQUIPMENT
SURFACE		NEW		BORE SIZE		SIZE	2"	SIZE	5½	FLOAT COLLAR
INTERMEDIATE		USED								GUIDE SHOE
PRODUCTION										FLOAT SHOE
SQUEEZE	X	SIZE	5½	TOTAL DEPTH		TYPE		TYPE	Rtt. Matthews	OTHER EQUIPMENT
PUMPING		WEIGHT	15.5	ROTARY	X	WEIGHT		WEIGHT	15.5	
PLUG BACK										
GROUTING		DEPTH		CABLE TOOL		TOTAL DEPTH	6661	DEPTH SET	6661	
OTHER (WRITE IN)		TYPE								

SQUEEZE OR PLUG BACK DATA

PURPOSE		DEPTH FROM	TO APPROX	IN SIZE CASING	IN SIZE HOLE
WATER		6708	6710	5½	
GAS					
ABANDON					

CEMENT DATA

BULK? _____ SACKED? X MIXED WT PER GAL 15.4

SACKS	TYPE	BRAND	% GEL	OTHER ADMIX
75	Slo Set			

OTHER DATA ON SERVICE OPERATION

PLUGS AND HEADS		PRESSURE	
BOTTOM PLUG	TYPE	CIRCULATING	2500
TOP PLUG	TYPE	MINIMUM	
TYPE HEAD		MAXIMUM	4200

CEMENT LEFT IN CASING 49' FT

☑ BY REQUEST ☐ NECESSITY MEASURED WITH LINE?

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.

Was operation of the cementing equipment satisfactory? _____ Was the work of the crew performed in a satisfactory manner? _____

Was cementing job satisfactorily completed? _____ Suggestions: _____

Early I. Vincent
OWNER, OPERATOR OR HIS AGENT

TRUCK NO & TYPE	TITLE	NAME	LOCATION
3716 AC-VP	CEMENTER	J. Fallin	El Dorado, Ar
	DRIVER	D. Farrar	" "
	CEMENTER		
	DRIVER		
	CEMENTER		
	DRIVER		

INVOICE SECTION

DEPTH OF JOB _____ FT

PRICE REF	SERVICE AND RENTAL CHARGES	AMOUNT
	BASE CHARGE	
	ADD'N CHARGE	
	EXTRA TRUCK	
	STAND BY TRUCK	
	MILEAGE @	

"We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice"

SUB-TOTAL	
SALES TAX	
TOTAL	

HOWCO 488A-R3 COPY PRINTED IN U.S.A. SANDEFER 6878 100M

FORM 62 1

SCHLUMBERGER

HOUSTON, TEXAS, U S A.

PRECISION GUN PERFORATING RECORD

Run No _____ Date April 1, 1956

Company Kin-Ark Oil Company Address 411 N. Murphy, El Dorado, Arkansas

Well Haney #1 Field Wildcat

County Union State Arkansas

Depth of Plug (By Schlumberger) 6730 (By Driller) 6729

Casing Specifications (First) OD 5½ ID ____ WT 15½ (Second) OD ____ ID ____ WT ____

Drilling Fluid Characteristics Nature: Water

Density ____ Viscosity ____ Fluid Level Full

DEPTH OF PERFORATIONS

Depth	Depth	Depth	Depth	Depth	Depth	Depth
		Shaped Charge Perforating (Expendable):				
		10 shots between 6708 and 6710.				

Bullet Diameter SCE-A Total Number of Shots 10

Remarks Depths are by Gamma Ray Log.

Observer R. C. Hines

R. C. Hines

Halliburton
OIL WELL CEMENTING COMPANY

CEMENTING SERVICE TICKET

No. CS 143213

DATE	CUSTOMER'S ORDER NO	CUSTOMER'S REQ NO	SEC	TWP	RNG	TRK	CALLED OUT DATE A.M. P.M.	ON LOCATION DATE A.M. P.M.	JOB BEGAN DATE A.M. P.M.	JOB COMPLETED DATE A.M. P.M.
3-23-56						7	8	9	10	

WELL NO AND FARM	PLACE OR DESTINATION	COUNTY	STATE
Haney # 1	E. Lisbon	Union	Ark.

OWNER	CONTRACTOR	CHARGE TO
Kin Ark Oil Co.	Co. Tools	Kin Ark. Oil Co.

DUNCAN USE ONLY

Cus Inv Req. Orig. &
☐ 1
☐ 2
☐ 3
☐ 4
☐ Other
No Copies

MAILING ADDRESS

CITY & STATE: El Dorado, Ark.

TERMS $ _____ Cash discount will be allowed if paid by 20th of following month. 6% interest charged after 60 days from date of invoice

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

TYPE OF JOB (X) ONE		CASING		HOLE DATA		TUBING OR DRILL PIPE		CEMENTING PACKER		MAKE FLOAT EQUIPMENT
SURFACE		NEW	X	BORE SIZE		SIZE	2	SIZE		FLOAT COLLAR
INTERMEDIATE		USED								GUIDE SHOE
PRODUCTION										FLOAT SHOE
SQUEEZE	X	SIZE	5½	TOTAL DEPTH		TYPE		TYPE		OTHER EQUIPMENT
PUMPING		WEIGHT	1550	ROTARY	X	WEIGHT		WEIGHT		
PLUG BACK		DEPTH	6731							
GROUTING				CABLE TOOL		TOTAL DEPTH	6711	DEPTH SET		
OTHER (WRITE IN)		TYPE								

SQUEEZE OR PLUG BACK DATA

PURPOSE		DEPTH FROM	TO APPROX	IN SIZE CASING	IN SIZE HOLE
WATER	X	6711	6707	5½	
GAS					
ABANDON					

CEMENT DATA

BULK? X SACKED? _____ MIXED WT PER GAL 12.6

SACKS	TYPE	BRAND	% GEL	OTHER ADMIX
25	Common		12	

OTHER DATA ON SERVICE OPERATION

PLUGS AND HEADS		PRESSURE	
BOTTOM PLUG	TYPE	CIRCULATING	800
TOP PLUG	TYPE	MINIMUM	
TYPE HEAD		MAXIMUM	2000

CEMENT LEFT IN CASING _____ FT
☐ BY REQUEST ☐ NECESSITY MEASURED WITH LINE?

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.

Was operation of the cementing equipment satisfactory? _____ Was the work of the crew performed in a satisfactory manner? _____

Was cementing job satisfactorily completed? _____ Suggestions: _____

Early L. Kinard
OWNER, OPERATOR OR HIS AGENT

TRUCK NO & TYPE	TITLE	NAME	LOCATION
3716 VP-AC	CEMENTER	L.L.Fallin	El Dorado,
	DRIVER	D.C.Farrar	El Dorado,
	CEMENTER		
	DRIVER		
	CEMENTER		
	DRIVER		

INVOICE SECTION

DEPTH OF JOB _____ FT

PRICE REF.	SERVICE AND RENTAL CHARGES	AMOUNT
	BASE CHARGE	
	ADD'N CHARGE	
	EXTRA TRUCK	
	STAND BY TRUCK	
	MILEAGE @	

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice.

SUB-TOTAL	
SALES TAX	
TOTAL	

FORM 62 1

SCHLUMBERGER

HOUSTON, TEXAS, U S. A.

PRECISION GUN PERFORATING RECORD

Run No _____ Date March 22, 1956

Company Kin-Ark Oil Company Address 411 North Murphy, El Dorado, Ark.

Well Haney #1 Field WC

County Union State Arkansas

Depth of Plug (By Schlumberger) 6731 (By Driller) 6730

Casing Specifications (First) OD 5½ ID ____ WT 15½ (Second) OD ____ ID ____ WT ____

Drilling Fluid Characteristics Nature. Mud

Density _____ Viscosity _____ Fluid Level _____

DEPTH OF PERFORATIONS

Depth	Depth	Depth	Depth	Depth	Depth	Depth
		24 shots between 6707 and 6711.				

Bullet Diameter 14mm Total Number of Shots 24

Remarks Shot at Gamma Ray log depths (ran Gamma Ray prior to perforating).

Observer R. H. Neustaedter

R. H. Neustaedter

FORM 63 1

SCHLUMBERGER

HOUSTON, TEXAS, U. S. A.

PRECISION GUN PERFORATING RECORD

Run No _____ Date March 28, 1956

Company Kin-Ark Oil Company Address 411 N. Murphy, El Dorado, Ark.

Well Haney #1 Field Wildcat

County Union State Arkansas

Depth of Plug (By Schlumberger) 6731'9" (By Driller) 6731

Casing Specifications (First) OD 5½ ID ____ WT 15½ (Second) OD ____ ID ____ WT ____

Drilling Fluid Characteristics Nature: Empty

Density _____ Viscosity _____ Fluid Level _____

DEPTH OF PERFORATIONS

Depth	Depth	Depth	Depth	Depth	Depth	Depth
		Shaped Charge Perforating (Expendable):				
		10 shots between 6708 and 6710.				

Bullet Diameter SCE-A Total Number of Shots 10

Remarks Depths by Gamma Ray Log.

Observer R. C. Hines

R. C. Hines

FORM 5-Rev —(Statewide)
5M—9-49—104500—C -McB

ARKANSAS OIL AND GAS COMMISSION
El Dorado, Arkansas

PLUGGING RECORD

(Within five days after the plugging of any well has been accomplished, the owner or operator thereof shall file this form with the Commission, setting forth in detail the method used in plugging the well)

PLUGGING METHODS AND PROCEDURE—The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to the top of each producing formation, or a bridge shall be placed at the top of each producing formation, and in either event a cement plug not less than 15 feet in length shall be placed immediately above each producing formation whenever possible

(b) A cement plug not less than 15 feet in length shall be placed at approximately 50 feet below all fresh water-bearing strata.

(c) A plug shall be placed at the surface of the ground in each hole plugged in such manner as not to interfere with soil cultivation

(d) The interval between plugs shall be filled with an approved heavy mud-laden fluid

(e) An uncased rotary drilled hole shall be plugged with approved heavy mud up to the base of the surface string at which point a plug of not less than 15 feet of cement shall be placed The hole shall also be capped similar to other abandoned holes

(f) The operator shall have the option as to the method of placing cement in the hole by (1) dump bailer (2) pumping through tubing (3) pump and plug, or (4) other method approved by the Commission

Producer Kin-Ark Oil Company Field East Lisbon

Address all correspondence concerning this Pool Smackover Lime

form to: Kin-Ark Oil Company County Union

Street 411 North Murphy City El Dorado State Arkansas

Lease Haney Well No. 1 Sec. 13 Twp 17S Rge 16W

Date well was plugged 7-10-56 Total Depth of Well 6762

Was well filled with mud-laden fluid, according to regulations of the Commission? Yes

How was mud applied? Pumped Were plugs used? Yes If so, show all shoulders left for casing, depth of each, and size of casing, size and kind of plugs used, and depths placed Also amount of cement and rock Pumped cement plug in bottom of casing, through tubing, from 6720' to 6655' 8 sacks

Was notice given before plugging, to all available adjoining lease and land owners as required?

Information on Casing Reclaimed from Well

SIZE	RECOVERED FROM WELL		LEFT IN WELL	
	Feet	Inches	Feet	Inches
9 5/8	None		821	
5 1/2	2600		4159	

AFFIDAVIT

I/we hereby swear (or affirm) that the statements herein made are a full and correct report.

Signed Early L. Tinnard

Subscribed and sworn to before me this 16th day of July, 1956

My commission expires April 26, 1958 Lasara Crenshaw
Notary Public

5M—2-56—131019—C-McB

AOGC-11-(56)

ARKANSAS OIL AND GAS COMMISSION
El Dorado, Arkansas

APPLICATION TO PLUG

(Must be Accompanied by Remittance of Fifteen ($15) Dollars)

Serial No 13358 7-10-56

File Original Three Full Days Prior To Beginning Plugging Operations
And Notify Offset Lease Holders

Operator Kin-Ark Oil Company

Field East Lisbon

County Union

Operator's Address Street 411 North Murphy

City El Dorado

State Arkansas

Lease Name Haney Well No 1

Location East Lisbon C NE SW

Section 13 Township 17S Range 16W

Character of well (Oil, Gas or Dry) Oil

Date you wish to plug 7-13-56

Total Depth of Well 6764

Name of party plugging well Halliburton Oil Well Cementing Company

Address Street

City El Dorado

State Arkansas

AOGC-2(56) filed by K. D. Lankford Date filed 2-27-56

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete

Early L. Kinard

NOTICE OF INTENTION TO ABANDON SUPERVISION—Before any work is commenced to abandon any well drilled for the discovery of oil or gas, including any well drilled below the fresh water level, the owner or operator thereof shall give written notice to the Commission of his intent to abandon such well, which notice shall contain among other things the location of the well, and when the abandonment will commence The notice shall be upon forms prescribed by the Commission and shall contain all of the information requested thereon Upon receipt of such notice, the Commission shall send a duly authorized representative to the location specified, to be present at the time indicated in such notice, to supervise the plugging of such well

INSTRUCTIONS Give notice before plugging to all available adjoining lease and land owners, and when plugging completed, file final Plugging Report, duly signed and certified All necessary forms will be furnished by Commission

10M—7-55—128609—C-McB

FORM 7
(Revised)

RECEIVED
MAY 9, 1956
Arkansas Oil & Gas Commission

ARKANSAS OIL AND GAS COMMISSION

EL DORADO, ARKANSAS

Producers Certificate of Compliance And Authorization to Transport Oil From Lease

Lease Haney (Sec) 13 (Twp) 17S (Rge) 16W County Union

Producer Kin-Ark Oil Company Organization No _____ Field East Lisbon

Address all correspondence concerning this form to Kin-Ark Oil Company

Street 411 North Murphy City El Dorado State Ark.

The above named producer hereby authorizes Monsanto Chemical Company
(Name of Transporter)

Whose principal place of business is _____ St. Louis, Missouri
(Street) (City) (State)

And whose field address is El Dorado, Ark.

To transport 100 % of the oil produced from the lease designated above until further notice

Other transporters transporting oil from this lease are

_____ % _____ %
(Name of Transporter) (Name of Transporter)

Remarks

The undersigned certifies that the rules and regulations of the Arkansas Oil and Gas Commission have been complied with except as noted above and that the transporter('s) authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Arkansas Oil and Gas Commission

Executed this the 8th day of May, 1956

KIN-ARK OIL COMPANY
(Company or Operator)

Early L. Kinard Prod. Supt.
(Affiant) (Title)

State of Arkansas
County of Union

Before me, the undersigned authority, on this day personally appeared Early L. Kinard, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct

Subscribed and sworn to before me this the 8th day of May, 1956

Lamara Dunahoo

Notary Public in and for Union County, Ark.
My Comm. Exp. 4-26-59

Approved 5-10-56, 19____

Arkansas Oil and Gas Commission

By Ernie Murphy

ho 11,332

(Follow Instructions on Reverse Side)

INSTRUCTIONS

This certificate shall be executed and filed in triplicate with the Arkansas Oil and Gas Commission, El Dorado, Arkansas, covering each lease from which oil is produced A separate certificate shall be filed for each transporter authorized to transport oil from a lease.

After said certificate has been approved by the Arkansas Oil and Gas Commission one copy shall be forwarded to the Transporter; one copy returned to the Producer; and one copy retained by the Arkansas Oil and Gas Commission

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month, the producer shall, in lieu of filing a new certificate, notify the Arkansas Oil and Gas Commission at El Dorado, Arkansas, and the transporter authorized by certificate on file with said Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the lease and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter Such temporary transporter shall not move any more oil than the estimated amount shown in said notice

This certificate when properly executed and approved by the Arkansas Oil and Gas Commission shall constitute an authorization to a pipe line or other carrier to transport oil from the lease named therein and shall remain in full force and effect until,

(a) Operating ownership changes, or

(b) The Transporter is changed, or

(c) The authorization is cancelled by the Arkansas Oil and Gas Commission

If any of the rules and regulations of the Arkansas Oil and Gas Commission have not been complied with at the time this report is filed, explain fully under the heading "REMARKS"

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil

A separate report shall be filed to cover each producing lease as designated by the Arkansas Oil and Gas Commission

COPY

5M—2-56—15,1020—C-McB

AOGC-2-(56)

ARKANSAS OIL AND GAS COMMISSION
El Dorado, Arkansas

Serial No 13,358

Notice of Intention to Drill For Oil or Gas

(This application to drill must be accompanied by a remittance of $50 00)

Date Feb. 28, 1956

Name of Operator Kin-Ark Oil Co. et al

Send Permit to Street

City

State

Lease Name Haney Well No 1

Acres in lease

Number of acres in and description of drilling unit

Location of proposed well in drilling unit (give in feet) C NE SW

Section 13 Township 17S Range 16W

County Union Field Wildcat

Distance and direction from the nearest town

Distance from proposed location to nearest drilling, completed or applied for well

Rotary or cable tools Date work will start

Name of drilling or workover contractor

Depth to be drilled

Formation you propose to complete in

Remarks

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

1 This report must be filed on every proposed well

2 Do not begin operation on any location not conforming to the spacing rules for such location until you receive written order from the Commission, granting permission

3 Work performed prior to receipt of approved permit will be considered to have been performed at the operator's own risk

4 In order that it may be ascertained whether or not the proposed location covered by this notice conforms to the applicable spacing regulations set down by the Commission, there are two important footages that must be shown

(A) Nearest distance of proposed location from lease or property line

(B) Distance of proposed location from the nearest well on the same lease

5 For the purpose of this determination submit herewith for the proposed location on a particular lease a map made to scale of this lease or section, locating thereon all previously drilled, applied for and drilling wells, as well as the proposed site of this location with reference to the two nearest lease lines Also show the nearest wells on all sides of this location and the distance from the proposed location to these wells Designate all adjoining property by lease and company names

6 This application must be accompanied by a certified lease plat, showing the aforementioned data This plat cannot be drawn to a scale that is less than one inch to one thousand feet A larger scaled drawing may be used Designate scale and northerly direction on plat

7 Do not confuse other lines with lease lines, if the sketch or blue print shows only a section, block or lot out of your lease, designate name as being only that part of the lease

8 If there is any change in the operating ownership of the property shown on this report before the well applied for is drilled, an amended Application of Intention to Drill For Oil or Gas must be filed with the Commission before filing Well Completion Form

9 No allowables will be assigned to any well unless said well complies with existing rules and regulations of The Oil and Gas Commission Please check before drilling operations are commenced

10 This notice shall be of no effect unless well covered hereby is actually drilling on the date of adoption of special field rules, unless said well is in conformity with such special field rules

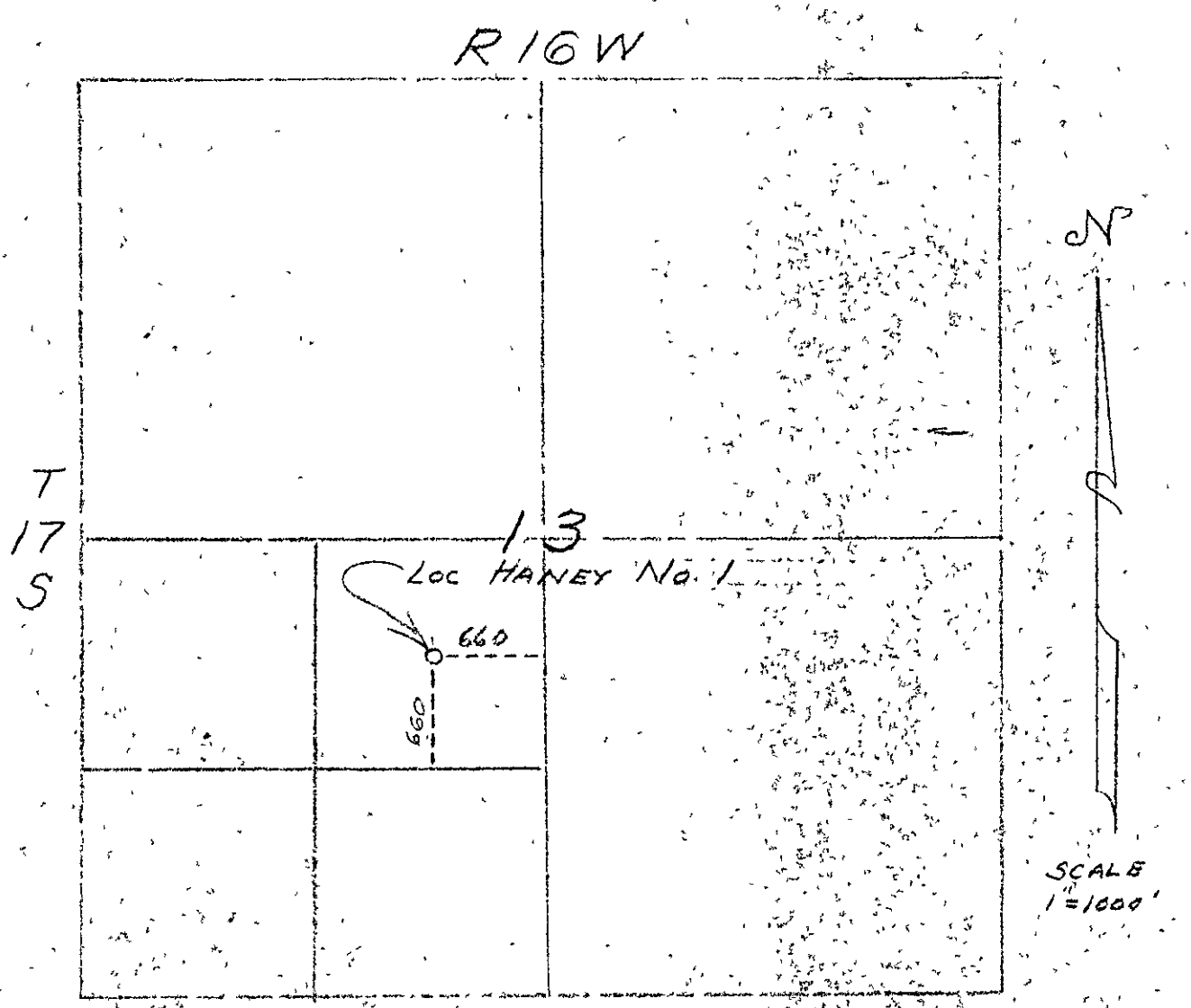
LOCATION PLAT
SHOWING

HANEY NO. 1

CTR NE SW SEC. 13, T 17 S, R 16 W
UNION COUNTY ARKANSAS

FOR

KIN-ARK OIL COMPANY



SURVEYOR'S NOTE ~
I certify that the above plat was prepared from an actual survey made on the ground by me.

Jack C. Godwin
SURVEYOR

PEPPARD ENGINEERING CO.
MARKS BLDG. EL DORADO, ARK

2-9-56 S-1892

HANEY 1 1

API #:	0313902271	**County:**	UNION (AR)	**Township:**	17S	**Last Completion Date:**	
Operator:	KIN ARK OIL CO	**Lat, Lon:**	33.2441099, -92.709004	**Range:**	16W	**Wellbore Count:**	1
Status:	P & A	**Field:**	LISBON EAST	**Q/Q:**			
Completion Type:	OIL	**Survey:**		**Spud Date:**			
GL:	240 ft	**Section:**	13	**First Completion Date:**			

PERMITS

No permit data available for this well.

WELLBORES

API # 031390227100

WELLBORE

API #:	Formation:	True Vert. Depth:	Horizontal Length:
031390227100		6,761 ft	0 ft
Trajectory:	**Total Depth:**	**DI Lateral Length:**	**Elevation:**
U	6,763 ft		240 ft

WELLBORE TRAJECTORY

No trajectory data available for this well.

WELL DESIGN

CASING

No casing data available for this well.

LINER

No liner data available for this well.

Copyright ©2022 by Enverus, Inc. PO Box 5545 Austin, TX 78763 www.enverus.com

No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission.

TUBING

No tubing data available for this well.

WELL LOGS

RASTER LOGS

No raster logs available for this well.

COMPLETION

API # 03139022710000

COMPLETION SUMMARY

API #:	Completion Date:	Upper Perf:	Lower Perf:
03139022710000			

No treatment job data available for this well.

FORMATIONS

FORMATIONS

No formation data available for this well.

WELL TESTS

PRODUCTION

No production test data available for this well.

DRILL STEM TESTS

No drill stem test data available for this well.

DRILL STEM TEST PIPE RECOVERY

No pipe recovery data data available for this well.

DRILL STEM TEST FLOW PERIODS

No flow period data available for this well.

PRODUCTION

API # 03139022710000

Copyright ©2022 by Enverus, Inc. PO Box 5545 Austin, TX 78763 www.enverus.com
No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission.

SUMMARY

Producing Entity:	WELL	**Max Active Wells:**	0	**Cumulative Gas:**	0	**Oil EUR:**
Reservoir:	SMACKOVER	**First Prod Date:**		**Peak Oil:**	0	**Gas EUR:**
District:		**Last Prod Date:**		**Peak Gas:**	0	**Oil Gatherer:**
Lease:	HANEY 1	**Months Producing:**	0	**Daily Oil:**	0	**Gas Gatherer:**
Latest Well Count:	1	**Cumulative Oil:**	0	**Daily Gas:**	0	

PRODUCTION

No production data available for this well.

CHART

No production time series data available for this well.

HISTORY

HISTORY

No history data available for this well.

Copyright ©2022 by Enverus, Inc. PO Box 5545 Austin, TX 78763 www.enverus.com

No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission.

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

BEST COPY AVAILABLE

SCHLUMBERGER

Electrical Log

COUNTY UNION
FIELD or LOCATION WILDCAT
WELL HANEY #1
COMPANY KIN-ARK OIL CO.

COMPANY KIN-ARK OIL CO.

WELL HANEY #1

FIELD ~~WILDCAT~~ East Lisbon ?

LOCATION Sec. 13-17S-16W

ARKANSAS OIL AND GAS COMMISSION

COUNTY UNION

STATE ARKANSAS

Location of Well
C NE SW
Sec. 13-17S-16W

ES(ML-CST)

Elevation: D.F.: 240 241 L-S
K.B.:
or G.L.:

FILING No.

RUN No.	ONE				
Date	3-16-56				
First Reading	6714				
Last Reading	835				
Feet Measured	5879				
Csg. Schlum.	835				
Csg. Driller	----				
Depth Reached	6714				
Bottom Driller	6713				
Depth Datum	1' abv. Rot. or 9.7' abv. Surf. Csg. Flange				
Mud Nat.	Caus.-Gel.-Anhydrox				
" Density	10.8				
" Viscosity	45				
" Resist.	2.0@66 °F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	.8 @164 °F	@ °F	@ °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	7.6cc 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	164				
Bit Size	8-3/4"				
Spcgs.—AM	16"				
AM'	64"				
AO	18'8"				
Opr. Rig Time	2½ Hours				
Truck No.	780				
Recorded By	Gurnea				
Witnessed By	Kinard-Lankford				