Artificial Penetration No. 31
South Ranch Oil Company
I.G. Hammond et al. No. 1

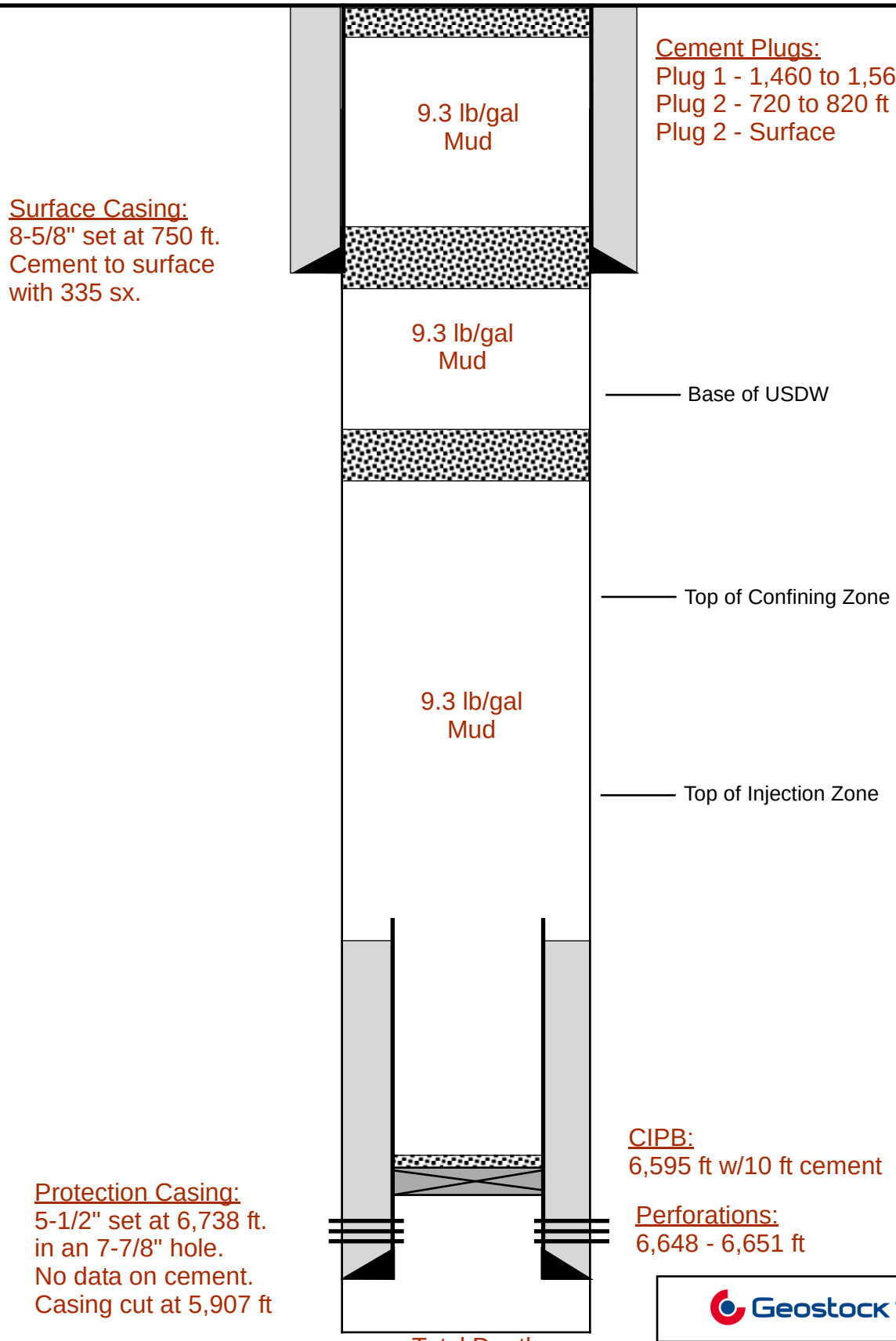
Geostock Sandia

Artificial Penetration No. 31

API Number: 03139-11415
Operator: South Ranch Oil Company
Well Name: I.G. Hammond et al. No. 1
Status: Plugged and Abandoned

Spud Date: December 12, 1980
Date Plugged: October 5, 1987
KB: 6 ft
Total Depth: 7,000 ft

Ground Level: 207 ft



Geostock Sandia

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

Form AOGC 28½

03 139 11,415

ARKANSAS OIL AND GAS COMMISSION
El Dorado, Arkansas

Serial No. 26,798 County Union

Permit Issued 12/8/80 Field Wildcat

Operator South Ranch Oil Company, Inc., c/o R. McKay Moore, 425 Wellington Court, Shreveport, LA 71115

Lease Name Iris G. Hammond, et al unit #1

862-6320

Location of Well 510' FNL & 448' FWL NE¼ SW¼ SEC. 18 - 17S - 15W

Depth to be Drilled 7000' Formation to be completed in Smackover

Oil Well _____ Gas Well _____ Cond. Well _____ Dry Hole _____

Form 3 Filed _____ Form 11 Filed _____

Electric Log Filed 6-2-82 Form 12 Filed _____

9-1-81 2-11-82

12-15-81

03 139 11,415

5M- ADC - CDC - 76

AOGC-2-(56)

mt.

ARKANSAS OIL AND GAS COMMISSION
El Dorado, Arkansas

Serial No. 26,798

Notice of Intention to Drill For Oil or Gas

(This application to drill must be accompanied by a remittance of $50.00)

Date December 8, 19 80

Name of Operator South Ranch Oil Company, Inc.

Send Permit to: Street c/o R. McKay Moore 425 Wellington Court

City Shreveport,

State Louisiana 71115

Lease Name Iris G. Hammond, et al Unit Well No. 1

Acres in lease 40 acres

Number of acres in and description of drilling unit 40 acres, Northeast 1/4 of the Southwest 1/4 of Section 18, Township 17 South, Range 15 West

Location of proposed well (Must agree with Surveyor's Plat) 510' FNL and 448' FWL of NE 1/4 of SW 1/4

Section 18 Township 17 South Range 15 West

County Union Field Wildcat

Distance and direction from the nearest town 3 miles northwest of El Dorado

Distance from proposed location to nearest drilling, completed or applied for well 1 mile

Rotary or cable tools Rotary Date work will start After Permit is issued

Name of drilling or workover contractor Shuler Drilling Co.

Depth to be drilled 7000'

Formation you propose to complete in Smackover

Remarks:

RECEIVED
DEC 8 1980

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.

SOUTH RANCH OIL COMPANY, INC.

BY: R. McKay Moore

R. McKay Moore

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 of these wells. Designate all adjoining property by lease and company names.

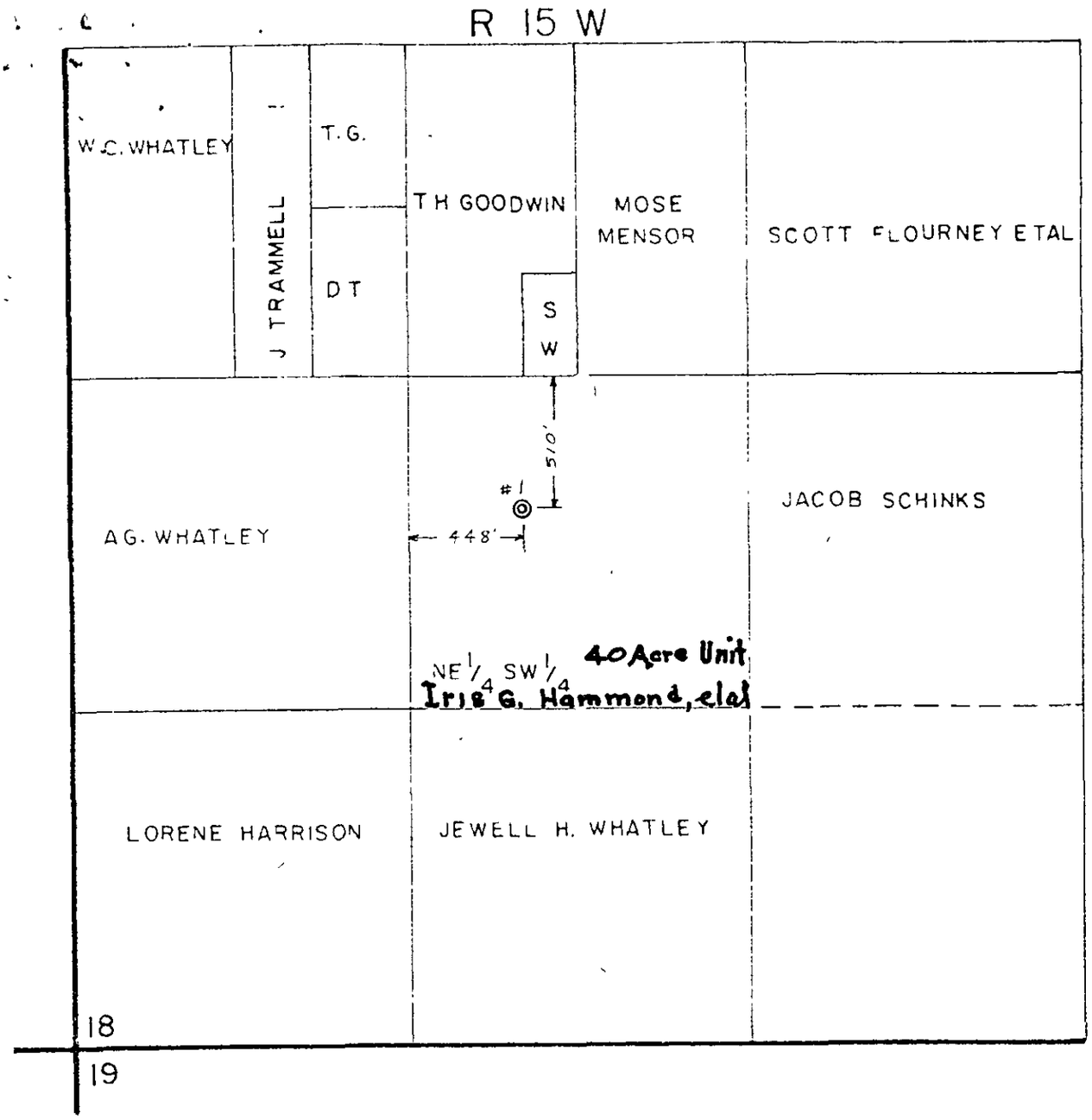
6. This application must be accompanied by a certified lease plat, showing the aforementioned data. This plat cannot be drawn to a scale that is less than one inch to one thousand feet. A larger scaled drawing may be used. Designate scale and northerly direction on plat.

7. Do not confuse other lines with lease lines; if the sketch or blueprint 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.



WELL LOCATION PLAT

OPERATOR SOUTH RANCH OIL COMPANY, INC.

WELL NAME Iris G. Hammond, et al Unit

LOCATION 510' FROM THE NORTH LINE AND 448' FROM THE WEST LINE OF THE NE 1/4 SW 1/4 SECT. 18; T-17 S, R-15W, UNION CO. ARK

The location shown hereon was staked from a ground survey made 11-12 1980

Scale 1" = 600'

R.L.S 454

CRISP SURVEYING SERVICE
216 S Washington St
Magnolia, Ark

ARKANSAS OIL AND GAS COMMISSION

PLUGGING REPORT FOR ABONDONED PRODUCING WELL

COMPANY South Ranch Oil Co. WELL NAME & NO. Iris G. Hammond #

LOCATION NE, SW SEC. 18 TWP 17 RGE 15

COUNTY Union FIELD Wildcat CONTRACTOR

CASING PROGRAM PERFORATIONS 6648'-51'

SURFACE 8 5/8 - 250'

PRODUCTION 5 1/2" - 17# - 6738'

PRODUCTION PLUG SET AT 6595' FEET, WITH CIBP & 10' cement WORK DONE BY Service Logging & Perforating

DATE 10-5-89

WITNESSED BY Dennis K. Endel

FRESH WATER PLUG SET AT 820'-720' FEET, WITH 35 sks. WORK DONE BY H&N

DATE 10-6-89

PLUGGED IN TOP OF SURFACE CASING WITH 5 sks.

WITNESSED BY Dennis Endel

REMARKS: plug at 1560'-1460' 35 sks.
cut at 5907'.

SCHLUMBERGER WELL SERVICES

A Division of Schlumberger Technology Corporation

P O BOX 2175 • HOUSTON TEXAS 77001

SERVICE REPORT—RULE B-31

STATE OF ARKANSAS—OIL AND GAS COMMISSION

26798

DATE: 1/6/81

COMPANY: South Ranch Oil Company

ADDRESS: c/o R. McKay Moore 425 Wellington Court

CITY: Shreveport

STATE: Louisiana 71115

WELL: Iris C Hammond et al #1

FIELD: Wildcat

COUNTY: Union 18-17-15

LOGGING RECORD

DEPTH LOGGED		TYPE OF LOG
6692		DIT-D
6692		PGT-E-SGT-E
6092		CNT-A

PERFORATING RECORD

DEPTH PERFORATED		NO OF SHOTS	DEPTH PERFORATED		NO OF SHOTS

BRIDGE PLUG RECORD

SETTING DEPTH		SIZE AND TYPE	SETTING DEPTH		SIZE AND TYPE

RECEIVED FEB 3 1981 ARKANSAS OIL & GAS COMMISSION

LOCATION: Magnolia by Carthage

ENGINEER: Schuler

SWS -1281 A

DISTRIBUTION- COMPANY OIL AID GAS COMMISSION—BOX 719, EL DORADO

DIVISION LOCATION

FORM 1519 R-3

A Division of Halliburton Company
Duncan, OKLAHOMA 73536

WORK ORDER CONTRACT AND PRELIMINARY TREATMENT DATA

ATTACH TO INVOICE & TICKET NO 371403

DISTRICT Hazen, Ark

DATE 6-3-82

TO HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO South Ranch Oil (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO 1 LEASE Hammond SEC 18 TWP 17 RANGE 15

FIELD _____ COUNTY Union STATE Ark OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER TYPE _____ SET AT _____

TOTAL DEPTH _____ MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD OIL _____ BPD, H_2O _____ BPD GAS _____ MCF

PRESENT PROD OIL _____ BPD, H_2O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
CASING						
LINER						
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED

Treat well with 500 gal of Xylene

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS SUPPLIES MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists

(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer) unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage

(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton

(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass or an action in the nature thereof arising from a service operation performed by Halliburton hereunder

(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons other than employees of Halliburton, or damage to property (including but not limited to injury to the well) or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton

(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials nor of the results of any treatment or service

(g) Customer shall, at its risk and expence, attempt to recover any Halliburton equipment tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton If Halliburton equipment tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton In the case of equipment, tools or instruments to be used in operations, Customer shall, in addition to the foregoing be fully responsible for loss of or damage to any of Halliburton's equipment tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton

(h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis job recommendation or other data furnished by Halliburton Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it

(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials THERE ARE NO WARRANTIES EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE Halliburton's liability and the Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products supplies or materials is expressly limited to the replacement of such products supplies or materials on their return to Halliburton or, at Halliburton's option to the allowance to the Customer of credit for the cost of such items In no event shall Halliburton be liable for special, incidental, indirect punitive or consequental damages

(j) Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum In the event it becomes necessary to employ an attorney to enforce collection Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account

(k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished

(l) Halliburton shall not be bound by any changes or modifications in this contract except where such change or modification is made in writing by a duly authorized executive officer of Halliburton

I HAVE READ AND UNDERSTAND THIS CONTRACT AND AGREEMENT AND THAT I AM AUTHORIZED TO SIGN THE SAME ON BEHALF OF CUSTOMER

SIGNED _____ CUSTOMER

DATE 6-3-82

TIME 1130 A.M. P.M.

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 under this contract

RECEIVED
JUL 19 1982
ARKANSAS OIL & GAS COMMISSION

COMPANY South Ranch Oil Co., Inc. WELL NAME & NO. Iris G. Hammond et al Unit #1

Location 510' FNL & 448' FWL of NE/4 SW/4 Sec. 18 Twp. 17S Rge. 15W

County Union Field Wildcat

Depth to be drilled 7000 feet. Surface casing required 750 feet.

Date to start drilling _____ Contractor Shuler Drlg. Co.

Date permitted 12-8-80.

To be inspected during drilling operation:

Size Surface Casing 8 5/8 inches. Amount of Casing set 750 feet.

Size Hole 12 1/4 inches.

Sacks of Cement 335. Returns on Cement ✓ Date Set 12-28-80

Cemented by Coleman Cementing Witnessed by Phone

To be witnessed upon completion of Dry Hole:

Plug above any show or sand producing in offset well set at _____ feet with _____ sacks of cement.

Plug below base of fresh water sands set at _____ feet with _____ sacks of cement.

Plugged in top of surface casing with _____ sacks of cement.

DATE PLUGGED _____ CEMENTED BY _____

TOTAL DEPTH _____

WITNESSED BY _____

ARKANSAS OIL & GAS COMMISSION

REMARKS:

P.O. Box 1108
Magnolia, AR 71753
Phone 501-234-8810

SERVICE LOGGING & PERFORATING, INC

Job Order № 6073

Date 10-5-89

Customer Gary Oil & Gas (18-17-15)

Address

Field Wildcat Union Co Lease & Well No. Dick G. Hammon #1

County/Parish Union State Ark

Job Description: Service

Run 5½ CBP to 6595'
(2) " Cement to 6595'
(3) Run Free Point 6000'
(4) Run 5½ Cutter to 5901

RECEIVED
NOV 03 1989
ARKANSAS OIL & GAS COMMISSION

Zero 6' Ad Cl		Casing Size 5½ 17	Fluid Level 900'
Type Fluid		Total Depth	Crew Willie
Collars			William
Truck # 782	Arrival 800 AM	Departure	

CONDITIONS OF THIS CONTRACT

TO SERVICE LOGGING & PERFORATING, INC.:

The undersigned has requested that you furnish the service, materials and equipment hereinabove set forth upon the following terms and conditions, to-wit

The undersigned, as customer, agrees to pay you for the service and/or materials ordered and performed, as described above, at the office of SERVICE LOGGING & PERFORATING, INC., Magnolia, Arkansas Should any account not be paid within the term fixed by the invoice, interest will be charged at the rate of 5% above the Federal Discount Rate on the date of the invoice, which interest shall accrue from the 10th of the month following the date of such invoice, provided, however, in no event shall the interest charged be greater than that allowed by law

In the event you employ an attorney to enforce any claim of indebtedness against the undersigned customer, said customer agrees to pay all costs of collection and reasonable attorney's fees which, in no event, shall be less than the sum of $100 00.

The above described work has been performed by you as an independent contractor; however, it is understood and agreed that you do not guarantee the results of your service and shall not be liable for injury to persons or to property of well owners and/or customers unless caused by your willful negligence, this provision applying, but not limited to subsurface damage and surface damage arising from subsurface damage Well owner and/or customer shall be responsible for and secure you against any liability for reservoir loss or damage or personal or property damage arising from a well blowout, unless such loss or damage is caused by your willful negligence The well owner or drilling company will pay for the actual cost of replacing or repairing the well service equipment, or any part thereof, if same should be lost or damaged while being used in performing the work on the above described well

Should any of your instruments, tools, or equipment be lost or destroyed in the rendition of your service, customer agrees to use all reasonable diligence and facilities available to recover the same, and customer agrees to reimburse you for the reasonable value of any instrument, tools, or other personal property that cannot be recovered within 60 days, or for the cost of repairing any damage to items recovered

Customer agrees that all depth measurements shall be made by it or its employees, and shall be supervised by customer or its employees

Customer certifies that it is the owner of the well on which the work herein ordered has been done, or that it has the full right and authority to order such work done on such wells, and that the well in which the work has been done by you was in proper and suitable condition for the performance of said work

Customer acknowledges that the above described work was satisfactorily completed Customer further agrees that the terms and conditions herein set forth constitute the entire agreement and that no employee of your company is authorized to alter the terms hereof I have read and understand the terms of this agreement and represent that I am authorized to sign the same as customer or agent of customer

Date _____ Customer or Agent _____

OFFICE SUPPLY/EL DORADO

H & N

TICKET № 9557

OIL WELL CEMENTING COMPANY, INC.

BENNY SHELTON, President
863-5462

OIL WELL CEMENTING — ACID SERVICE
DRILLING MUD

4511 WEST HILLSBORO
SOUTH WYATT DRIVE
EL DORADO, ARKANSAS 71730

W/C 18-17-15 Union

DATE	ORDER NO.	CONTRACTOR	WELL NAME	NUMBER
			Iris G. Hammond	#1

CUSTOMER'S NAME South Ranch Oil Co.

ADDRESS

CITY

CEMENTED BY

TRUCK DRIVER

SIZE OF CASING

DEPTH OF HOLE

Service Instructions:

ITEM	QUAN.	UNIT	MATERIAL OR SERVICES	UNIT PRICE	AMOUNT	REMARKS
Mileage						
Packer Rental						
Plug						
Acid		Gals.				
Inhibitor		Gals				Bags Returned / Amount Credit
Gel		100				
Caustic Soda		100				
Soda Ash		100				
Rhecon		50				
Driscose		50				
Lime		50				
Sack Cement		94				
Sapp		100				
Class A Cement						
Calcium Chloride		100				
Cemad I						

THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS LISTED ABOVE WERE RECEIVED AND SERVICES WERE SATISFACTORY

AUTHORIZED AGENT

Total	
Delivery Charge	
TOTAL	

SOUTHERN PERFORATORS, INC.

P O BOX 978 EL DORADO, ARKANSAS 71730

26798

SALES CONTRACT AND FIELD WORK ORDER

Date 11/16/81	Charge To: South Ranch Oil Co.
Job No 725-1188	Address
Customer Order No	City & State
Operators Steve - Steve	Lease & Well No Hammond No. 1
Legal Description	Field Wildcat
	County Union State Ark.

In consideration of service work performed, the undersigned hereby agrees to the following general terms and conditions of services

(1) All accounts are to be paid within 30 days after date of invoice, and should these terms not be observed, interest at the rate of 10% per annum will be charged from the date of such invoice In the event the enforcement of a claim for indebtedness, arising hereunder is placed in the hands of an attorney for collection, the customer agrees to pay all costs of collection and reasonable attorney s fees, which in no event shall be less than $75 00

(2) Because of the uncertain conditions and hazards existing in a well which are beyond the control of Southern Perforators, Inc , it is understood by the customer that Southern Perforators, Inc cannot guarantee the results of *their services and will not* be held responsible for personal or property damage in the performance of their services

(3) Should any Southern Perforators, Inc instruments or equipment be lost or damaged in the performance of the operations *requested, the customer* agrees to make every reasonable effort to recover same, and to reimburse Southern Perforators, Inc for the value of the items which cannot be recovered, or the cost of repairing damage to items recovered

(4) All depth measurements shall be supervised by the customer or its employees

(5) The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by Southern Perforators, Inc is in proper and suitable condition for the performance of said work

(6) The customer agrees to pay any and all taxes, fees and charges placed on services rendered by Southern Perforators, Inc by governmental requirements including city, county, state and federal taxes and fees or reimburse Southern Perforators, Inc for such taxes and fees paid by said agencies

(7) No employee is authorized to alter the terms or conditions of this agreement

(8) The customer does hereby promise to pay to the order of Southern Perforators, Inc the amount set forth hereon and on the invoice submitted for the work set forth hereon, together with interest as above provided In the event this account and promissory note is placed in the hands of an attorney for collection, the customer agrees to pay the attorneys fees as above set forth if the same is legal under the laws of the State having jurisdiction if not, the customer agrees to pay a reasonable attorneys fee not to exceed ten per cent (10%) of the principal and interest hereof

(9) ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY EXCLUDED SOUTHERN PERFORATORS, INC MAKES NO WARRANTY OF ANY TYPE OR NATURE AS TO ITS SERVICES

WORK PERFORMED	PRICING
Ran Gamma Ray - Neutron - Cement Bond log	Set up
From 6699 ft to 6500 ft.; From 6699 ft to 5900 ft	1st 10 Shots
From ____ ft to ____ ft ; From ____ ft. to ____ ft	Next ____ Shots @ $ ____ Ea
Set ____ (TYPE) ____ Bridge Plug at ____ ft	Next ____ Shots @ $ ____ Ea
Perforated with 1 1/4 DML - Tornado Jet (TYPE GUN) as Follows	LOGGING: Depth Charge 6677 ft @ $ .21 ft
From 6648 ft to 6651 ft, 10 Shots	Logging Chg 747 ft @ $ .21 ft.
From ____ ft. to ____ ft., ____ Shots	
From ____ ft. to ____ ft., ____ Shots	
From ____ ft to ____ ft., ____ Shots	BRIDGE PLUG Plug Charge ____
	Depth Charge ____ ft @ $ ____ ft.
	Total $
	Other Services (Specify)
Other Services (Specify)	

ZERO 0' Above G.L.	CASING SIZE & WT 5 1/2"	CUSTOMER'S T D	OUR T D.	FLUID & LEVEL Full
CUSTOMER'S COLLARS				
OUR COLLARS	RESET			

COMMENTS:

RECEIVED FEB 26 1981 ARKANSAS OIL & GAS COMMISSION

I certify that the above ordered services have been performed to my satisfaction, that all zones perforated were designated by me and all depth measurements checked and approved. Items 1 through 9 set forth above have been followed I promise to make payments of the charges as above provided.

Signed ____ (CUSTOMER OR AUTHORIZED REPRESENTATIVE)

The FINANCE CHARGE is computed by a "PERIODIC RATE" OF 5/6 OF 1% PER MONTH, which is an ANNUAL PERCENTAGE RATE OF 10% applied to the previous balance after deducting current payments and will be added to the unpaid portion of the balance due on the next monthly statement.

HALLIBURTON SERVICES

FORM 1908 R-2 A Division of Halliburton Company DUNCAN OKLAHOMA 73536

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO 303214

DISTRICT Haynesville DATE 5-20-82

TO HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO Dallas Operating Co. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO #1 LEASE Hammond SEC 18 TWP 17 RANGE 15

FIELD El Dorado COUNTY Ar STATE Union OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME Smackover TYPE

FORMATION THICKNESS FROM TO

PACKER TYPE 5½ EZSV SET AT 6539

TOTAL DEPTH MUD WEIGHT 9.3

BORE HOLE

INITIAL PROD: OIL BPD H_2O BPD, GAS MCF

PRESENT PROD OIL BPD, H_2O BPD, GAS MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW PSI
CASING		17	5½	0	~~50~~	6738
LINER						
TUBING		6.5	2⅞	0	6539	
OPEN HOLE						SHOTS/FT
PERFORATIONS				6648	6651	
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☒ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED

5½ EZSV

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists

(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage

(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton

(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder

(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton

(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service

(g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton In the case of equipment, tools or instruments for marine operations, Customer shall in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton

(h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it

(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages

(j) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account

(k) Halliburton shall not be bound [illegible] this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton

RECEIVED

JUN 1 1982

ARKANSAS OIL & GAS COMMISSION

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED [illegible] CUSTOMER

DATE 5-20-82

TIME 0900 A M ~~P M~~

We certify that the Fair Labor Standards Act [illegible] with in the production of goods and/or with [illegible] terms to under this contract

HAMMOND, IRIS G ET AL UNIT 1 1

API #:	0313911415	**County:**	UNION (AR)	**Township:**	17S	**Last Completion Date:**	
Operator:	SOUTH RANCH OIL	**Lat, Lon:**	33.2439369, -92.6916902	**Range:**	15W	**Wellbore Count:**	1
Status:	INACTIVE	**Field:**	WILDCAT	**Q/Q:**			
Completion Type:	OIL	**Survey:**		**Spud Date:**	12-08-1980		
GL:	180 ft	**Section:**	18	**First Completion Date:**			

PERMITS

No permit data available for this well.

WELLBORES

API # 031391141500

WELLBORE

API #:	Formation:	True Vert. Depth:	Horizontal Length:
031391141500			0 ft
Trajectory:	**Total Depth:**	**DI Lateral Length:**	**Elevation:**
U	7,000 ft		180 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.

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TUBING

No tubing data available for this well.

WELL LOGS

RASTER LOGS

No raster logs available for this well.

COMPLETION

API # 03139114150000

COMPLETION SUMMARY

API #:	Completion Date:	Upper Perf:	Lower Perf:
03139114150000			

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 # 03139114150000

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SUMMARY

Producing Entity:	WELL	**Max Active Wells:**	0	**Cumulative Gas:**	0	**Oil EUR:**
Reservoir:		**First Prod Date:**		**Peak Oil:**	0	**Gas EUR:**
District:		**Last Prod Date:**		**Peak Gas:**	0	**Oil Gatherer:**
Lease:	HAMMOND, IRIS G ET AL UNIT 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

Effective Date	Operator	Activity
12-08-1980	SOUTH RANCH OIL	Spud

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UNION
WILDCAT
#1 HAMMOND
SOUTH RANCH OIL CO.

COMPANY SOUTH RANCH OIL COMPANY

WELL #1 HAMMOND

FIELD WILDCAT

COUNTY UNION STATE ARKANSAS

N.E. OF S.W. OF SEC. 18 UNION CO. ARKANSAS

FDC-CNL-GR

	18	17S	15W

Permanent Datum GROUND LEVEL Elev. 207

Log Measured From KB 6 Ft. Above Perm. Datum

Drilling Measured From KB

Elev. K.B. 213
D.F. 212
G.L. 207

Date	1-6-81								
Run No.	ONE								
Depth-Driller	6700								
Depth-Logger (Schl.)	6692								
Btm. Log Interval	6686								
Top Log Interval	770								
Casing-Driller	8 5/8 @ 760								
Casing-Logger	779								
Bit Size	7 7/8								
Type Fluid in Hole	CHEMICAL								
Density / Viscosity	9.3 / 39								
pH / Fluid Loss	9.5 / 8.8 cc		cc		cc		cc		cc
Source of Sample	CIRC. PIT								
Rm @ Meas. Temp.	0.52 @ 60 °F	@	°F	@	°F	@	°F		
Rmf @ Meas. Temp.	0.58 @ 60 °F	@	°F	@	°F	@	°F		
Rmc @ Meas. Temp.	0.23 @ 60 °F	@	°F	@	°F	@	°F		
Source: Rmf / Rmc	M / C								
Rm @ BHT	1.18 @ 187 °F	@	°F	@	°F	@	°F		
Circulation Stopped	1000								
Logger on Bottom	1530								
Max. Rec. Temp.	180 °F		°F		°F		°F		
Equip. / Location	8143 / CARTHAGE								
Recorded By	SCHILD								
Witnessed By	MOORE								