

Permit #: 20002

Date Issued: 1-11-71

County: Andrew

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 1-20-71

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	1-11-71
3i	
4	1-11-71
4i	
5	1-29-71
6	1-29-71
7	1-29-71
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip core		
	water		
Analyses	core		

Additional Submitted Data:

samples - yes

MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR JACK B. SMITH DATE January 6, 1971
312 Perkins Bldg., Duncan, City Oklahoma State
 Address

DESCRIPTION OF WELL AND LEASE		
KELLEY-RICKMAN, INC.	1	
Name of lease	Well number	Elevation (ground)
Well location <u>NW 1/4 NE 1/4, 600 feet from North line</u> <u>1980 feet from East line</u>	Section — township — range or block & survey <u>Andrew County, Section 6, 59N-34W</u>	
Nearest distance from proposed location in property or lease line: <u>600</u> feet	Distance from proposed location to nearest drilling, completed or applied — for well on the same lease: feet	
Proposed depth: <u>1500 feet</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>January 11, 1971</u>
Number of acres in lease: <u>1,177 acres</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>None</u> Number of abandoned wells on lease: <u>None</u>	
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____		
No. of Wells: abandoned _____; inactive _____; producing _____		
Status of Bond <u>\$20,000.00 Blanket Bond</u>		
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)		
Proposed casing setting depth: Conductor: _____ Surface: _____ Other: _____	To be filled in by State Geologist SAMPLES REQUIRED <input checked="" type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/>	
CERTIFICATE: I, the undersigned, state that I am the <u>owner</u> of the <u>lease</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.		
		Signature <u>Jack B. Smith</u>

Permit Number: 20002
 Approval Date: January 11, 1971
 Approved By: [Signature]

Note: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Remit two copies; one will be returned.

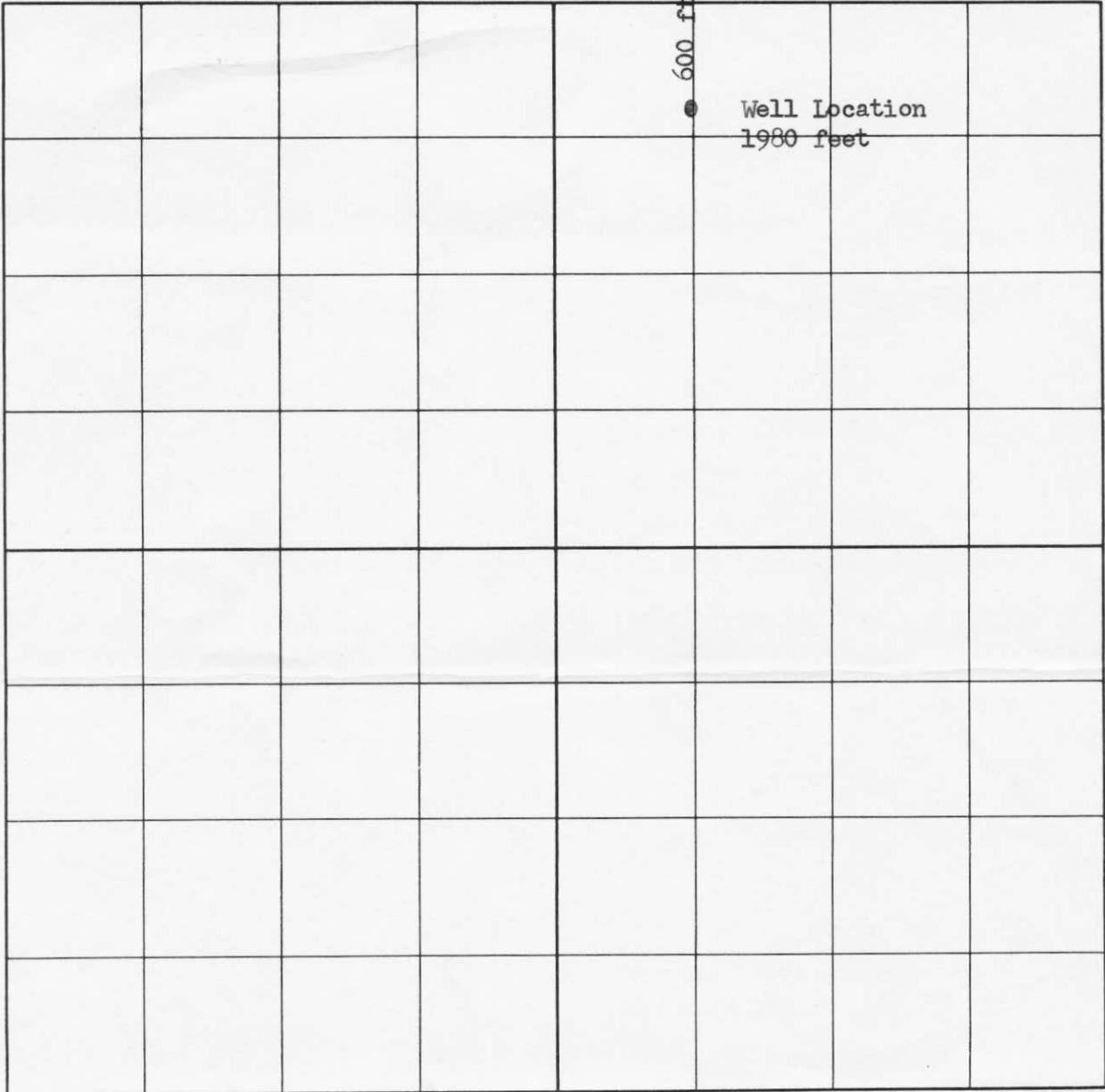
RECEIVED
 JAN 11 1971
 MO. OIL & GAS COUNCIL

WELL LOCATION PLAT

Owner: JACK B. SMITH

Lease Name: KELLEY-RICKMAN, INC. Andrew County, Missouri

600 feet from (N) - (S) line and 1980 feet from (E) - (W) line of Sec. 6 Twp. 59N Range 34W



REMARKS: Well Elevation 1,000.02 feet,
B. M. Top corner post 150 feet East 990.62 feet elevation.

Henry B. Allphin
Registered Land Surveyor: Henry B. Allphin

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JAN 11 1971
MO. OIL & GAS COUNCIL



(SEAL)

Remit two copies; one will be returned

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

Owner: **JACK B. SMITH** Address: **312 Perkins Bldg., Duncan, Oklahoma 73533**
 Lease Name: **Kelley-Rickman Inc.** Well Number: **1**
 Location: **60 feet North of NW¹/₄ NE¹/₄, of Section 6, 59N-34W** Sec. -- TWP-Range or Block & Survey

County: **Andrew** Permit number (OGC3 number): **20002**

Date spudded: **Jan. 12, 1971** Date total depth reached: **Jan. 19, 1971** Date completed, ready to produce: _____
 Elevation (DF, RKB, RT or Gr.) feet: **1002.02** Elevation of casing hd. flange feet: **998.02**

Total depth: **1460 ft.** P. B. T. D. _____

Producing interval (s) for this completion: _____ Rotary tools used (interval): From **0** to **1460**
 Drilling Fluid used: **mud** Cable tools used (interval): From _____ to _____

Was this well directionally drilled? **No** Was directional survey made? **No** Was copy of directional survey filed? _____ Date filed: _____

Type of electrical or other logs run (list logs filed with the State Geologist): **DIL-FDC-GR-Caliper** Date filed: _____

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	11"	8 & 5/8"	22	98	150	none

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production: _____ Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): _____

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr)

Disposition of gas (state whether vented, used for fuel or sold): _____
 Method of disposal of mud pit contents: _____

CERTIFICATE: I, the undersigned, state that I am the **Individual & owner** of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.


 Signature **Jack B. Smith**

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JAN 29 1971
MO. OIL & GAS COUNCIL

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Soil & Glacial	0	26	Clay and Sand
Shawnee	26	72	Limestone and Shale
Douglas	72	288	Shale and trace limestone
Lansing-Kansas City	288	556	Limestone and Shale
Pleasanton	556	612	Shale and Siltstone
Marmaton	612	760	Limestone, shale and sandstone
Cherokee	760	1446	Sandstone and Shale
Mississippian	1446	1460	Limestone and limy sandstone
Porosity Zone	704	710	Sandstone
" "	900	906	Sandstone
" "	989	1112 (broken)	Sandstone
" "	1142	1156 (broken)	Sandstone
" "	1193	1254	Sandstone
" "	1376	1446	Sandstone

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

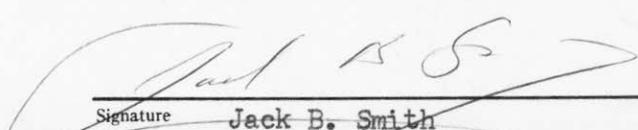
INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Form OGC-7

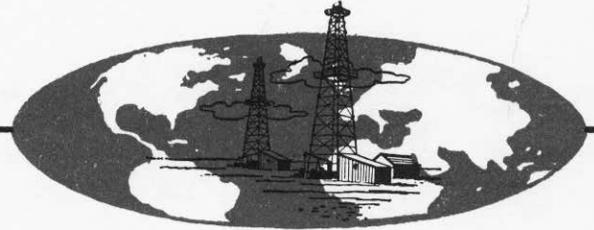
Owner JACK B. SMITH		Address 312 Perkins Bldg., Duncan, Oklahma 73533			
Name of Lease Kelley-Rickman, Inc.		Well No. 1			
Location of Well 60 ft. North of NW¹/₄ NE¹/₄, Section 6, 59N-34W			Sec-Twp-Rge or Block & Survey	County Andrew	
Application to drill this well was filed in name of Jack B. Smith		Has this well ever produced oil or gas No	Character of well at completion (initial production) Oil (bbls/day)	Gas (MCF/day)	Dry? Dry
Date Abandoned: January 20, 1971		Total depth 1460 feet	Amount well producing prior to abandonment. Oil (bbls/day)		Gas (MCF/day)
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of abandonment	Fluid content of each formation		Depth interval of each formation		Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement.
Dry Hole					Cement 180 feet with 40 sacks & 30 ft. with 10 sacks, drilling mud used below plugs and between plugs.
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
8 & 5/8"	94'	None	94 ft.		
Was well filled with mud-laden fluid? Yes				Indicate deepest formation containing fresh water. Glacial Drift above 98 feet	
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
Steve Turner		Savannah, Missouri		North	
Roy Wyss		Savannah, Missouri		East	
Julia D. Lowe		Savannah, Missouri		South	
Kelley-Rickman, Inc.		Savannah, Missouri		West for 1 mile	
Method of disposal of mud pit contents: Cover up with surface soil					
Use reverse side for additional detail File this form in duplicate with					
<p>CERTIFICATE: I, the undersigned, state that I am the <u>individual & owner</u> of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p align="right">  Signature Jack B. Smith </p>					

RECEIVED
JAN 29 1971
MO. OIL & GAS COUNCIL

Remit two copies; one will be returned

Jack B. Smith
OIL INVESTMENTS

POST OFFICE BOX 1287 — TELEPHONE AL 5-6095
PERKINS BLDG. — DUNCAN, OKLAHOMA
73533



January 7, 1971

DR. WILLIAM C. HAYES
State Geologist and Director
Missouri Geological Survey
P. O. Box 250
Rolla, Missouri, 65401

RE: KELLEY-RICKMAN WELL NO. 1
NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 6, 59N-34W,
ANDREW COUNTY, MISSOURI

Dear Dr. Hayes:

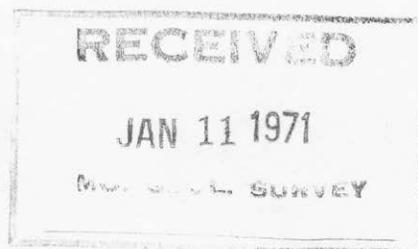
Enclosed please find the following:

Two copies of Application for Permit to Drill.
Two copies of Well Location Plat.
Check in the amount of \$25.00.

I have previously sent you a Blanket Bond in the amount of \$20,000.00, and Organization Report.

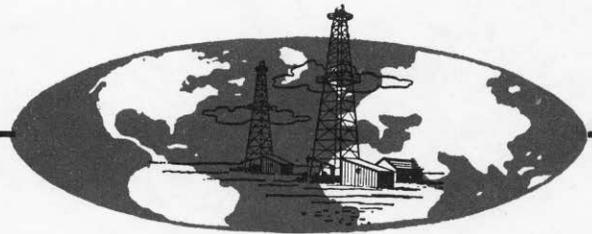
Yours very truly,

JACK B. SMITH



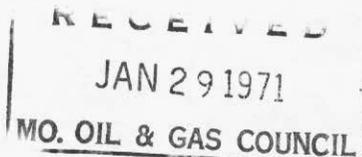
Jack B. Smith OIL INVESTMENTS

POST OFFICE BOX 1287 — TELEPHONE AL 5-6095
PERKINS BLDG. — DUNCAN, OKLAHOMA
73533



January 20, 1971

DR. WILLIAM C. HAYES
State Geologist and Director
Missouri Geological Survey
P. O. Box 250
Rolla, Missouri, 65401



RE: BLACK ANGUS PROSPECT
NW NE, Section 6, 59N-34W,
#1, Kelley-Rickman, Inc.
File 249994

Dear Dr. Hayes:

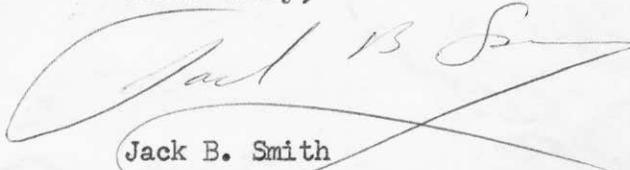
Enclosed please find the following:

Samples taken at 10 ft. intervals,
Lithologic Log,
Induction - Electrical Log, and
Formation Density Log,
Notice of Intention to Abandon Well in triplicate,
Well Completion report in duplicate, and
Plugging Record in duplicate, and
Copy of Halliburton Work Order for Cementing Casing, and
Copy of Halliburton Work Order for Plugging Well.

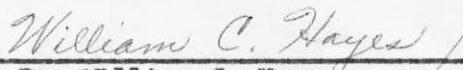
I would appreciate your department keeping all of the above information confidential for at least one year. If you could delay reporting the drilling of the above well to the various reporting services of the industry, I would certainly appreciate same.

If I can furnish you any other information, please call me at any time.

Yours truly,


Jack B. Smith

Received the above items this 1-29-71 day of January, 1971.


Dr. William C. Hayes
State Geologist and Director

DISTRICT El Dorado, Kansas

DATE 1-14-71

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO:

Jack B. Smith

(CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE Kelly-Rickman SEC. 6 TWP. 59 RANGE 34W
FIELD Wildcat COUNTY Andrew STATE Missouri OWNED BY Jack B. Smith

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH <u>100</u>	MUD WEIGHT						
BORE HOLE <u>11"</u>							SHOTS/FT.
INITIAL PROD: OIL BPD, H ₂ O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H ₂ O BPD, GAS MCF							
CASING		<u>U</u>	<u>28</u>	<u>8 7/8</u>	<u>C.L.</u>	<u>100</u>	
LINER							
TUBING							
OPEN HOLE							
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE TYPE MATERIALS

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

Circulate casing to bottom, mix cement and use Swage. Displace cement with water NO Plug. Leave 15 or 20 ft. cement in casing

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 a 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 services.
 - (g) At Customer's expense, to recover any Halliburton equipment, tools or instruments which are lost or damaged in the well, and if recovery cannot be had, to pay Halliburton for such equipment, tools or instruments unless such loss or damage is caused by the negligence of Halliburton.
 - (h) 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 limits its liability for breach of any warranty or for damages resulting from its negligence with respect to the use of such products, supplies or materials to the replacement of such products, supplies or materials on their return to Halliburton, or at Halliburton's option, to the allowance to Customer of credit for the cost of such products, supplies or materials.
 - (i) Upon Customer's default in the payment of Customer's account 60 days after receipt of invoice, such account will be subject to interest after date of invoicing 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.
 - (j) 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.

RECEIVED
JAN 29 1971
MO. OIL & GAS COUNCIL

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

SIGNED Jack B. Smith CUSTOMER

DATE 1-14-71

TIME 0700

JOB SUMMARY

HALLIBURTON
LOCATION

El Dorado, Kansas

BILLED ON
TICKET NO.

206117

FORM 2012

WELL DATA

FIELD Wildcat SEC. _____ TWP. _____ RNG. _____ COUNTY Andrews STATE Missouri

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD, WATER _____ BPD, GAS _____ MCFD

PRESENT PROD: OIL _____ BPD, WATER _____ BPD, GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____

JOB DATA

NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<i>4 8 5/8</i>	<i>G.L.</i>	<i>100</i>	<i>28</i>	
LINER					
TUBING					
OPEN HOLE					TOTAL DEPTH:
PERFORATIONS					SHOTS/FT.
PERFORATIONS					SHOTS/FT.
PERFORATIONS					SHOTS/FT.

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD <i>8 7/8 Swage</i>	<i>1</i>	<i>HGICO</i>
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. %

ACID TYPE _____ GAL. %

ACID TYPE _____ GAL. %

SURFACTANT TYPE _____ GAL. IN

NE AGENT TYPE _____ GAL. IN

FLUID LOSS ADD. TYPE _____ GAL. LB. IN

GELLING AGENT TYPE _____ GAL. LB. IN

FRIC. RED. AGENT TYPE _____ GAL. LB. IN

BREAKER TYPE _____ GAL. LB. IN

BLOCKING AGENT TYPE _____ GAL. LB.

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
<i>W.E. Butcher</i>	<i>21011</i>	<i>7489</i>	<i>El Dorado</i>
<i>Ray Long</i>	<i>35757</i>	<i>BAC</i>	<i>Kansas</i>

DEPARTMENT Cementing

DESCRIPTION OF JOB Cementing Surface Casing

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR W.E. Butcher COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
<i>1</i>	<i>100</i>	<i>Pozmix A</i>	<i>Trinity</i>	<i>B</i>	<i>w/ 2% Calcium Chloride</i>	<i>Blendao</i>	<i>1.07</i>	<i>15.2</i>

SUMMARY

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

VOLUMES

PREFLUSH: BBL. GAL. _____ TYPE _____

LOAD & BKDN: BBL. GAL. _____ PAD: BBL. GAL. _____

TREATMENT: BBL. GAL. _____ DISPL: BBL. GAL. _____

CEMENT SLURRY: BBL. GAL. _____

TOTAL VOLUME: BBL. GAL. _____

REMARKS

CUSTOMER _____

Requested

FORMER *Jack B. Smith*
 LEASE *Kelly - Rickman*
 WELL NO. *41*
 JOB TYPE *Surface*
 DATE *1-14-91*



SEND ALL REMITTANCES TO
P. O. DRAWER 1431
DUNCAN, OKLAHOMA 73533

PAGE 1 OF
1 PAGES

INVOICE & TICKET
NO. 206117

A DIVISION OF HALLIBURTON COMPANY
FORM 1906-RI

WELL NO. AND FARM <i>H Kelly-Rickman, Inc.</i>	COUNTY <i>Andrew</i>	STATE <i>Missouri</i>	DATE <i>1-14-71</i>
OWNER <i>Jack B. Smith</i>	CONTRACTOR <i>McLennan Drilg. Co.</i>		DUNCAN USE ONLY
CHARGE TO <i>Jack B. Smith</i>	DELIVERED TO <i>Location</i>		LOCATION <i>111 Dondofka</i> CODE <i>50305</i>
ADDRESS <i>312 Perkins Bldg, Duncan, Okla.</i>	SHIPPED VIA <i>7489</i>		LOCATION <i>2</i> CODE
DUNCAN USE ONLY	CUST. INV. REQ. ORIG. & <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	REQUISITION	LOCATION <i>3</i> CODE
		ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. <i>B-122580</i>
	TOTAL ACID - 30 DAYS	WELL TYPE <i>Wildcat</i>	CODE <i>WC</i>
	NO. COPIES	TERMS: DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.	
TYPE AND PURPOSE OF JOB <i>Cementing Surface Casing</i>			\$ _____ Cash discount allowed if paid by due date. \$ _____ Tax adjustment may be deducted if discounted.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
<i>090-050</i>				<i>1C Pump Charge</i>						<i>180.00</i>
				<i>100 Cu. Ft. Permox No 301 Consists of</i>						
<i>504-043</i>				<i>1B Trinitry Port. Cement</i>	<i>50</i>				<i>1.31</i>	<i>65.50</i>
<i>506-105</i>				<i>1B Cu. Ft. Permox "A"</i>					<i>.83</i>	<i>41.50</i>
<i>509-406</i>				<i>1B Calcium Chloride</i>					<i>6.72</i>	<i>13.44</i>
				SERVICE CHARGE ON MATERIALS RETURNED					CU. FT.	
<i>500-207</i>		<i>1B</i>		SERVICE CHARGE	<i>104</i>				<i>40</i>	<i>41.60</i>
<i>500-306</i>		<i>1B</i>		TOTAL WEIGHT <i>260</i> LOADED MILES <i>112.80</i>					<i>.23</i>	<i>255.94</i>

THIS IS NOT AN INVOICE

WAS JOB SATISFACTORILY COMPLETED? _____ WAS OPERATION OF EQUIPMENT SATISFACTORY? _____ WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____ X _____ Customer or His Agent	TAX REFERENCES _____ _____ _____ <i>W.E. Butcher</i> Halliburton Operator	SUB TOTAL <i>597.93</i> TAX _____ TAX _____ TAX _____ TOTAL _____
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HALLIBURTON SERVICES

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 206118

FORM 1908

A DIVISION OF HALLIBURTON COMPANY DUNCAN, OKLAHOMA

DISTRICT E10 Dorado, Kansas

DATE 1-20-71

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Jack B. Smith (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE Kelly-Rickman SEC. 6 TWP. 59 RANGE 34W
FIELD Wildcat COUNTY Andrew STATE Missouri OWNED BY Jack B. Smith

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
D.P CASING		u	13.3	3 1/2" I.D.	KB	180	
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							SHOTS/FT.
INITIAL PROD: OIL BPD, H2O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H2O BPD, GAS MCF							
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Spot 40 SKs, Common Cement @ 180ft.
Spot 10 SKs, @ 30 ft. to surface.

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 a 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 services.
 - (g) At Customer's expense, to recover any Halliburton equipment, tools or instruments which are lost or damaged in the well, and if recovery cannot be had, to pay Halliburton for such equipment, tools or instruments unless such loss or damage is caused by the negligence of Halliburton.
 - (h) 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 limits its liability for breach of any warranty or for damages resulting from its negligence with respect to the use of such products, supplies or materials to the replacement of such products, supplies or materials on their return to Halliburton, or at Halliburton's option, to the allowance to Customer of credit for the cost of such products, supplies or materials.
 - (i) Upon Customer's default in the payment of Customer's account 60 days after receipt of invoice, such account will be subject to interest after date of invoicing 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.
 - (j) 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 REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Jack B. Smith CUSTOMER
DATE 1-20-71

RECEIVED
JAN 29 1971
MO. OIL & GAS COUNCIL

TIME 0630 A.M. P.M.



A DIVISION OF HALLIBURTON COMPANY
FORM 1906-RI

SEND ALL REMITTANCES TO
P. O. DRAWER 1431
DUNCAN, OKLAHOMA 73533

PAGE 1 OF

1 PAGES

INVOICE & TICKET

NO. 206118

WELL NO. AND FARM #1 Kelly-Rickman	COUNTY Andrew	STATE Missouri	DATE 1-20-71
OWNER Jack B. Smith	CONTRACTOR McKennon Drlg. Co.		DUNCAN USE ONLY
CHARGE TO Jack B. Smith	DELIVERED TO Location	LOCATION El Dorado, Okla	CODE 55305
ADDRESS 319 Perkins Bldg. Duncan, Okla.	SHIPPED VIA 7489	LOCATION 2	CODE
DUNCAN USE ONLY	CUST. INV. REQ. ORIG. &	REQUISITION	LOCATION 3
	<input type="checkbox"/> 1	ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-122588
	<input type="checkbox"/> 2	TOTAL ACID - 30 DAYS	WELL TYPE Wildcat
	<input type="checkbox"/> 3		CODE WC
	<input type="checkbox"/> 4		
NO. COPIES		TERMS: DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.	

TYPE AND PURPOSE OF JOB
Commuting - Plug to Abandon

TERMS: DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.
\$ _____ Cash discount allowed if paid by due date.
\$ _____ Tax adjustment may be deducted if discounted.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
090-910				10 Pump Charge						217.00
504-043				15 Universal Pot. Cement 50 5/8"					4.31	65.50
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FT.			
500-307		1B		SERVICE CHARGE	50		CU. FT.	40		20.00
500-306		1B	4700	TOTAL WEIGHT 260 LOADED MILES 611.00			TON MILES	.23		140.53

THIS IS NOT AN INVOICE

WAS JOB SATISFACTORILY COMPLETED? _____ WAS OPERATION OF EQUIPMENT SATISFACTORY? _____ WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____	TAX REFERENCES _____ _____ _____ W.E. Butcher Halliburton Operator	SUB TOTAL TAX TAX TAX TOTAL
---	--	--

X _____
Customer or His Agent

JOB SUMMARY

HALLIBURTON LOCATION El Dorado, Kansas BILLED ON TICKET NO. 206110

FORM 2012

FIELD Wildcat SEC. 6 TWP. 39 RNG. 34W COUNTY Andrew STATE Missouri

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____

DIPE	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
<u>U</u>	<u>3 1/2</u>	<u>KB</u>	<u>180</u>	<u>13.3</u>		
LINER						
TUBING						
OPEN HOLE						
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-19</u>	DATE <u>1-20</u>	DATE <u>1-20</u>	DATE <u>1-20</u>
TIME <u>1800</u>	TIME <u>0430</u>	TIME <u>0800</u>	TIME <u>0830</u>

PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
<u>W. E. Butcher</u>	<u>21011</u>	<u>7489</u>	<u>El Dorado</u>
<u>J. K. Walls</u>	<u>38737</u>	<u>BAC</u>	<u>Kansas</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD <u>2" Nipple</u>	<u>1</u>	<u>Haleco</u>
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL. LB _____ IN

GELLING AGENT TYPE _____ GAL. LB _____ IN

FRIC. RED. AGENT TYPE _____ GAL. LB _____ IN

BREAKER TYPE _____ GAL. LB _____ IN

BLOCKING AGENT TYPE _____ GAL. LB _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cementing

DESCRIPTION OF JOB Plug to Abandon

Drill Pipe

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR W. E. Butcher COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>40</u>	<u>Common A</u>	<u>Universal</u>	<u>13</u>			<u>1.18</u>	<u>15.6</u>
<u>2</u>	<u>10</u>	<u>Common A</u>	<u>Universal</u>	<u>13</u>			<u>1.18</u>	<u>15.6</u>

SUMMARY

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REASON 30% to 50% acc. Requested

VOLUMES

PREFLUSH: BBL. GAL. _____ TYPE _____

LOAD & BKDN: BBL. GAL. _____ PAD: BBL. GAL. _____

TREATMENT: BBL. GAL. _____ DISPL: BBL. GAL. _____

CEMENT SLURRY: BBL. GAL. _____

TOTAL VOLUME: BBL. GAL. _____

REMARKS

40 SKs @ 180 Ft.

10 SKs @ 30 Ft.

JOB TYPE Plug-Abandon DATE 1-20-71
 LEASER Kelly-Rickman WELL NO. 31