

Permit #: 20000

Date Issued: 8-10-70

Country: Andrew

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 8-16-70

COMMENTS:

Form Miss

OGC FORMS	Date Received
1	
2	
3	8-1-70
3i	
4	
4i	8-10-70
5	8-22-70
6	8-20-70
7	8-22-70
8	
11	
12	
Misc. Form 2	

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

Additional Submitted Data:

sampled - yes

MISSOURI OIL AND GAS COUNCIL

Form OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

Reported to
AAPG
CSD

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR JACK B. SMITH DATE August 7, 1970

312 Perkins Building Duncan, Oklahoma
Address City State

DESCRIPTION OF WELL AND LEASE		
Name of lease Ray Gregory	Well number 1	Elevation (ground) 1077.21 feet
Well location NW$\frac{1}{4}$ NE$\frac{1}{4}$,	(give footage from section lines) 660 feet from North line 1980 feet from East line	Section — township — range or block & survey Andrew County, Section 23, 59N-36W
Nearest distance from proposed location in property or lease line: 660 feet	Distance from proposed location to nearest drilling, completed or applied — for well on the same lease: feet	feet
Proposed depth: 1585 feet	Rotary or Cable tools Rotary	Approx. date work will start August 10, 1970
Number of acres in lease: 80	Number of wells on lease, including this well, completed in or drilling to this reservoir: None	Number of abandoned wells on lease: None
If lease, purchased with one or more wells drilled, from whom purchased: Name Address		
No. of Wells: abandoned; inactive; producing		
Status of Bond \$20,000.00 Blanket Bond		
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) <p style="text-align: right;"><i>150' casing</i></p> <p style="text-align: center;"><i>No drift here to protect DF.</i></p>		
Proposed casing setting depth:	Conductor: <i>whatever required</i>	To be filled in by State Geologist
	Surface: <i>through unconsolidated</i>	SAMPLES REQUIRED <input checked="" type="checkbox"/>
	Other: <i>none</i>	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: 20000
Approval Date: 10 Aug 70
Approved By: Wm H. Hayes

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

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MO. OIL & GAS COUNCIL

Remit two copies; one will be returned.

WELL LOCATION PLAT

*Andrew
20000*

Owner: JACK B. SMITH

Lease Name: RAY GREGORY Andrew County, Missouri

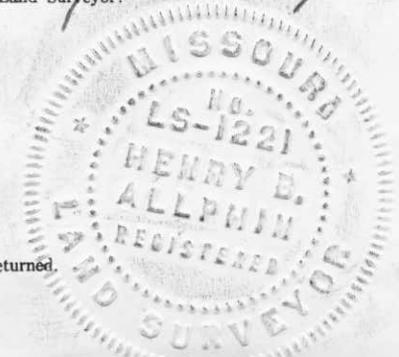
660 feet from (N) - (S) line and 1980 feet from (E) - (W) line of Sec. 23 Twp. 59N Range 36W

Reported to
APP

					660 ft. Well Location 1980 feet		

REMARKS: Well Elevation 1077.21 feet,
B.M. Top Stump 75 feet West, marked with red rag, Elevation 1075.00 feet.

Henry B. Allphin
Registered Land Surveyor:



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(SEAL)

MISSOURI OIL AND GAS COUNCIL

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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			
Lease Name Ray Gregory		Well Number 1			
Location NW$\frac{1}{4}$ NE$\frac{1}{4}$, 660 feet from North line 1980 feet from East line		Sec. --- TWP-Range or Block & Survey Section 23, 59N-36W, Andrew County, Missouri			
County Andrew	Permit number (OGC3 number) 20000				
Date spudded August 10, 1970	Date total depth reached August 16, 1970	Date completed, ready to produce	Elevation (TO CASING Gr.) 1077.21 feet	Elevation of casing hd. flange feet	
Total depth 1610 feet	P. B. T. D.				
Producing interval (s) for this completion			Rotary tools used (interval) From 0 to 1610'	Cable tools used (interval) From Jel to	
Was this well directionally drilled? No		Was directional survey made? No		Date filed	
Type of electrical or other logs run (list logs filed with the State Geologist) IES - 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 inch	8 5/8" OD.	28 lb.	182 ft.	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	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

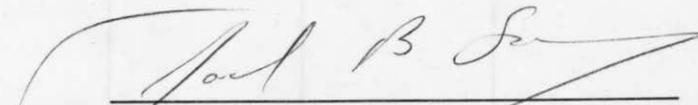
Date of first production		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr)	
Tubing pressure	Casing pressure	Cal'ed rate of Pro- duction per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio	

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents:

They are being covered over a period of about a month to allow them to dry.

CERTIFICATE: I, the undersigned, state that I am the **owner** of the **lease** (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**

Remit two copies; one will be returned.

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DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Glacial	0	26	Clay
Shawnee	26	257	Limestone and Shale
Douglas	257	426	Siltstone & Shale
Lansing - Kansas City	426	720	Limestone and Shale
Pleasanton	720	812	Shale and Siltstone
Marmaton	812	901	Limestone and Shale
Cherokee	901	1580	Shale, Sandstone and Coal
Sand	911	922	(broken)
Sand	1046	1054	
Sand	1149	1340	
Sand	1532	1580	(broken)
Mississippian	1580	1610 TD	Limestone and Chert

*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.

NOTICE OF INTENTION TO ABANDON WELL

Name of Lease Ray Gregory Date August 16, 1970

Well No. 1 is located 660 feet from (N) (~~S~~) line and 1980

feet from (E) (~~W~~) line of Section 23 Township 59N Range 36W

Andrew County The elevation of the ground at well site is 1077.21 ft.

_____ feet above sea level.

Name and address of Contractor or Company which will do work is:

McLennan Drilling Co.

P. O. Box 6, Nowata, Oklahoma 74048

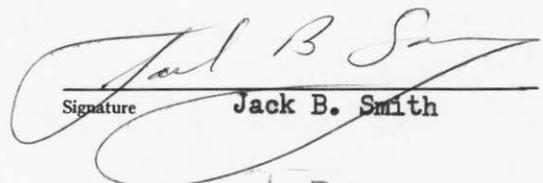
DETAILS OF WORK

(Indicate size, kind, and depth of plugs, where casing will be pulled, other pertinent details)

No casing will be pulled.

40 sacks of cement were used from a depth of 240 feet which came up into the pipe, to 172 feet, from 172 feet to 30 feet drilling mud was used, from 30 feet to 4 feet below surface 10 sacks of cement were used with plugs set at 240 feet and 30 feet.

CERTIFICATE: I, the undersigned, state that I am the owner of the lease (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

Remit three copies; one will be returned

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MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Form OGC-7

Reported to
AAPG
CSD

Owner **JACK B. SMITH** Address **312 Perkins Bldg., Duncan, Oklahoma**

Name of Lease **Ray Gregory** Well No. **1**

Location of Well **660 feet from North line** Sec-Twp-Rge or Block & Survey **Section 23, 59N-36W,** County **Andrew**
NW 1/4 NE 1/4, 1980 feet from East line

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? **Yes**

Date Abandoned: **August 16, 1970** Total depth **1610 feet** Amount well producing prior to abandonment. Oil (bbls/day) Gas (MCF/day) Water (bbls./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.

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"	182 ft.	None	182 ft.		

Was well filled with mud-laden fluid? **Yes** Indicate deepest formation containing fresh water. **Above depth of 143 feet.**

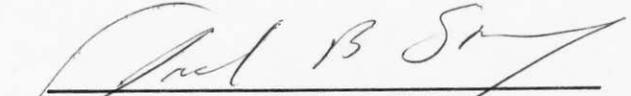
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
James L. Kempa	Amazonia, Missouri	North
Wiley Von Kaenel	2316 Blackwell Rd., St. Joseph, Mo.	East
Frederick C. Hunt	502 North 25th St., St. Joseph, Mo.	South
Wm. Kempa	Amazonia, Missouri	West

Method of disposal of mud pit contents: **We are filling up pits over a period of about a month to allow to dry.**

Use reverse side for additional detail
File this form in duplicate with

CERTIFICATE: I, the undersigned, state that I am the **owner** of the **lease** (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**

Remit two copies; one will be returned

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A DIVISION OF HALLIBURTON COMPANY
DUNCAN, OKLAHOMA

AND PRE-TREATMENT DATA

FORM 1908

DISTRICT El Dorado, Ks

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

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

WELL NO. 1 LEASE Ray Gregory SEC. 23 TWP. 59N RANGE 36W
FIELD W.C COUNTY Andrews STATE Missouri OWNED BY Jack 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	UD WEIGHT						SHOTS/FT.
BORE HOLE							
INITIAL PROD: OIL	BPD, H ₂ O	BPD, GAS	MCF				
PRESENT PROD: OIL	BPD, H ₂ O	BPD, GAS	MCF				

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
SPOT 40 sacks cement at 240'
10 sacks cement at 30'
Plug to abandon

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 R. B. McPherson CUSTOMER

DATE 8-16-70

TIME 8:00 A.M. P.M.

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AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 20173

FORM 1908

A DIVISION OF HALLIBURTON COMPANY
DUNCAN, OKLAHOMA

DATE 8-12-70

DISTRICT Eldorado, Kansas

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 Ray Gregory SEC. 23 TWP. 59N RANGE 36W

FIELD _____ COUNTY Andrews STATE Missouri OWNED BY Jack B. Smith

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME Line TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH 186 MUD WEIGHT _____

BORE HOLE 11"

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	u	28	8 5/8	0	178	
LINER						
TUBING						
OPEN HOLE				178	186	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Cement w/ 150 SK pozmix 290 C.C.

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:
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
 - 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.
 - 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.
 - 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.
 - 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.
 - Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.
 - 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.
 - 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.
 - 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.
 - 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 8-12-70

TIME 10:30 A.M.

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AUG 20 1970
MO. OIL & GAS COUNCIL

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.