

RELEASED  
11-18-1993  
NOV 18 1993

SIDE ONE ORIGINAL

10-17  
OCT 17

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 033 - 20,833 CONFIDENTIAL

County COMANCHE

NW SE SE Sec. 27 Twp. 34S Rge. 20  East West

660'  Ft. North from Southeast Corner of Section

1000'  Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Petty Well # 2-27

Field Name BOX RANCH

Producing Formation VIOLA

Elevation: Ground 1720 KB 1731

Total Depth 6500' PBDT 6436'

Operator: License # 4145

Name: ROBERTS AND MURPHY, INC.

Address P. O. BOX 7125

1500 N. MARKET ST

City/State/Zip SHREVEPORT, LA 71137

Purchaser: KOCH/ENRON GAS MARKETING

Operator Contact Person: BRAD CUMMINGS

Phone (318) 221-8601

Contractor: Name: TRIAD DRILLING

License: 7345

Wellsite Geologist: Lee T. Jenkins

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

9/16/91 9/27/91 10/05/91

Spud Date Date Reached TD Completion Date

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STATE CORPORATION COMMISSION

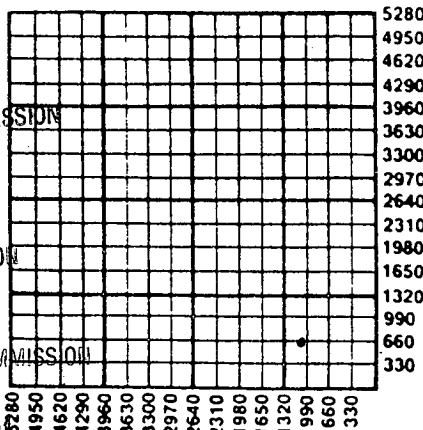
OCT 21 1991  
10-21-1991

CONSERVATION DIVISION  
Wichita, Kansas

RECEIVED  
STATE CORPORATION COMMISSION

NOV 18 1991

CONSERVATION DIVISION  
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 650 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Lee T. Jenkins

Title Petroleum Geologist Date 10/16/91

Subscribed and sworn to before me this 16<sup>th</sup> day of October, 1991.

Notary Public Myrtle A. Oksenholt

Date Commission Expires which life

MYRTLE A. OKSENHOLT, Notary Public  
Cadastral Public, Louisiana  
My Commission Expires for Life

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

**SIDE TWO**

Operator Name ROBERTS AND MURPHY, INC Lease Name PETTY Well # 2-27

Sec. 27 Twp. 34S Rge. 20  East  West  
 County COMANCHE

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) DST #1 6178-6210 30-60-60-120 IHP 3092 IFP 73-145 ISIP 2442 Rec. G.T.S 25" FFP 70-171 100' Mud FSIP 2451 FHP 2913 147 MCFGPD	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Heebner</td><td>-4140</td><td></td></tr> <tr><td>Lansing</td><td>-4328</td><td></td></tr> <tr><td>Cherokee</td><td>-5047</td><td></td></tr> <tr><td>Miss</td><td>-5174</td><td></td></tr> <tr><td>Viola</td><td>-6190</td><td></td></tr> <tr><td>Simpson</td><td>-6360</td><td></td></tr> <tr><td>Arbuckle</td><td>-6478</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Heebner	-4140		Lansing	-4328		Cherokee	-5047		Miss	-5174		Viola	-6190		Simpson	-6360		Arbuckle	-6478	
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**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	20			80			
Surface	12 1/4	10 5/8	24	650	Common	250sx	-
Production	7 7/8	4 1/2	10.5	6436	50/50pozmx	150sx	10% salt 5% gel.

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	6174 - 6184, 6188 -6198	2000 gals 15% DSFE 5000 gals Mod 202	All Perfs

<b>TUBING RECORD</b>	Size 2 3/8	Set At 6135	Packer At 6097	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 12/1/91	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	2		500		0	0		62

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

Production Interval  
6174-84  
6188-98

REMIT TO:  
15-033-20833-00-00

HALLIBURTON SERVICES  
Duncan, Oklahoma 73160  
A Division of Halliburton Company

ORIGINAL  
OCT 17 10-17

TICKET NO. 173559-1

FORM 1906 R-11

CONFIDENTIAL

WELL NO. - FARM OR LEASE NAME 2-27 Petty		COUNTY Clerk	STATE KS	CITY / OFFSHORE LOCATION	DATE 9/21/91
CHARGE TO Roberts & Murphy		11-18-1993 NOV 16 1993	OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS		CONTRACTOR Triad Drilling	1 LOCATION Pratt, KS		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
CITY, STATE, ZIP		SHIPPED VIA 3473	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		CODE 25555
WELL TYPE Oil-ON	WELL CATEGORY Oil-ON	WELL PERMIT NO. B-573248	DELIVERED TO Well Site	2 LOCATION	CODE
TYPE AND PURPOSE OF JOB Cement Lining		ORDER NO.	3 LOCATION		CODE
			REFERRAL LOCATION		

FROM CONFIDENTIAL

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. 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 of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117				MILEAGE						
001-016				Pump Chng	64	mi			2.62	166.90
030-016	402.1502			Top Plug	1	ea	4 1/2	IN	35.00	35.00
12A	825-2014			Guide Shoe	1	ea	"	"	89.00	89.00
21A	815.19101			Insert Float	1	ea	"	"	73.00	73.00
27	815.19113			Auto Fill Assembly	1	ea	1 1/2	IN	27.50	27.50
40	807.93104			S-4 Centralizers	8	ea	1 1/2	IN	43.00	344.00
320	800.8881			Cement Baskets	2	ea	"	"	85.00	170.00
012-317				Super Finish	12	lbs			87.00	1044.00
509-968				Salt	100	lbs			.40	40.00
218-734									2.00	40.00

THIS IS NOT AN INVOICE

RECEIVED  
STATE CORPORATION COMMISSION  
10-21-1991  
OCT 21 1991  
CONSERVATION DIVISION  
WICRICK WATKINS

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B-573248

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_  
 WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_  
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_  
 X Robert Moushead  
 CUSTOMER OR HIS AGENT (PLEASE PRINT)  
 X Robert Moushead

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.

J. H. Adams  
 HALLIBURTON OPERATOR

SUB TOTAL 2134.56  
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.  
 5767.46