

ORIGINAL

MAY 23

5-23

CONFIDENTIAL

SIDE ONE

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

API NO. 15- 033-20,815 ✓
County Comanche ✓
SE SW NE Sec. 34 Twp. 34S Rge. 20 East West

Operator: License # 4145
Name: ROBERTS & MURPHY, INC.
Address 1500 N. Market
P.O. Box 7125
City/State/Zip Shreveport, LA 71137
Purchaser: Enron Gas Mkt/ Koch
Operator Contact Person: Brad Cummings
Phone (318) 221-8601

3080' ✓ Ft. North from Southeast Corner of Section
1675' ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

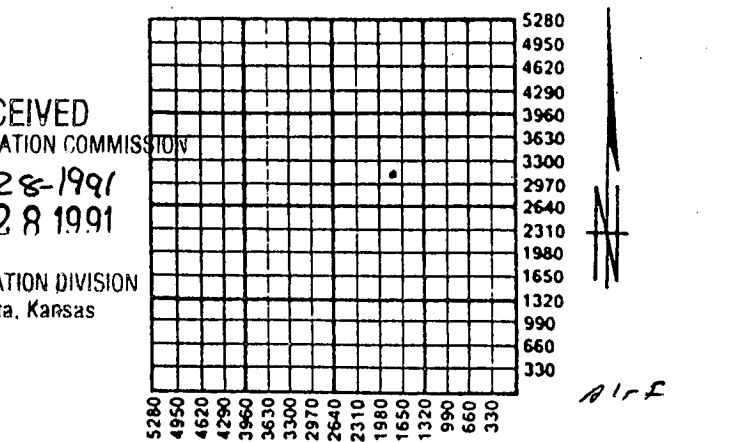
Lease Name KUHNS ✓ Well # 2
Field Name BOX RANCH

Producing Formation VIOLA

Elevation: Ground 1709 KB 1721

Total Depth 6500 PBDT

Contractor: Name: TRIAD DRILLING
License: 7344



Wellsite Geologist: LEE T. JENKINS

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5-28-1991
MAY 28 1991

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp. Wichita, Kansas
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows: RELEASED
Operator:

Well Name: 1003
Comp. Date Old Total Depth 6-18-1993

Amount of Surface Pipe Set and Cemented at 667 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.

Drilling Method:
 Mud Rotary Air Rotary Cable
3/2/91 4/11/91 4/25/91
Spud Date Date Reached TD Completion Date

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 5/20/91

Subscribed and sworn to before me this 20 day of May 19 91.

Notary Public Sharon G Fischer

Date Commission Expires SHARON G. FISCHER, Notary Public
Caddo Parish, Louisiana
My Commission is 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 & MURPHY Lease Name KUHNS Well # 2
 Sec. 34 Twp. 34S Rge. 20 East County COMANCHE
 West

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 checked="" type="checkbox"/> Yes <input 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.)	<p style="text-align: center;">Formation Description</p> <p><input type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>HEBNER</td> <td>-4150</td> <td></td> </tr> <tr> <td>TOPLANSING</td> <td>-4370</td> <td></td> </tr> <tr> <td>MISS</td> <td>-5200</td> <td></td> </tr> <tr> <td>VIOLA</td> <td>-6150</td> <td></td> </tr> <tr> <td>SIPMSON</td> <td>-6350</td> <td></td> </tr> <tr> <td>ARBUCKLE</td> <td>-6450</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	HEBNER	-4150		TOPLANSING	-4370		MISS	-5200		VIOLA	-6150		SIPMSON	-6350		ARBUCKLE	-6450	
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	.30"	20"		80	Common	100	-
Surface	12 5/9	8 5/8	24#	670	Common	150	-
Production	7 7/8	4 1/2	14.5#	6218	50/50 Pozmix	200	-

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4SPF	6153-63'	None

TUBING RECORD				Liner Run
Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2 3/8	6164	6075		

Date of First Production 5/15/91	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 10 Bbls.	Gas 1000 Mcf	Water 0 Bbls. Gas-Oil Ratio Gravity 65°

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 _____

ORIGINAL

Wohms #2
APR 15-033-20815
34-34-204

15-033-20815-00-00

KCC

MAY 23
5-23
CONFIDENTIAL

DST #1

30-60-60-120
6104-6132'
IHP 3707
IFP 361-221
ISIP 2440
FFP 221-247
FSIP 2452
FHP 2985
REC. 715' Gas Cut Mud

RELEASED

6-18-1993
MAY 8 1993

FROM CONFIDENTIAL

DST #2

30-60-60-120
6202 -6226'
IHP 3086
IFP 0-31
ISIP 1895
FFP 221-247
FSIP 2364
FHP 2997
Rec. 100' Oil/Gas Cut Mud

DST #3

30-60-60-120
6288 -6314'
IHP 3162
IFP 259-1400
ISIP 2516
FFP 1400 -2450
FSIP 2541
FHP 3066
Rec. 4650' Gas Cut SW

DST #4

6134 -6170
2-10-10-90
IHP 2868
IFP 268-287
ISIP 2476
FFP 213- 241
FSIP 2476
FHP 2878
Rec. Gas TO SURFACE
REC. 7' condensate

RECEIVED
STATE CORPORATION COMMISSION

6-5-1991
JUN 05 1991

CONSERVATION DIVISION
Wichita, Kansas

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STATE CORPORATION COMMISSION

5-28-1991
MAY 28 1991

CONSERVATION DIVISION
Wichita, Kansas