

CORRECTED COPY

SIDE ONE

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

Operator: License # ...4767.....
NameRitchie Exploration, Inc.....
Address125 N. Market, Suite 1000.....
.....Wichita, KS 67202.....
City/State/Zip

Purchaser.....Koch Oil Company.....
.....Wichita, Kansas.....

Operator Contact PersonJeff Christian.....
Phone316-267-4375.....

Contractor: License #6033.....
NameMurfin Drilling Company.....

Wellsite GeologistJeff Christian.....
Phone.....316-267-4375.....

Designate Type of Completion
 New Well Re-Entry Workover

 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

6-5-87 6-14-87 7-11-87
.....
Spud Date Date Reached TD Completion Date

3720' 3632'
.....
Total Depth PBDT

8-5/8" @ 214'
Amount of Surface Pipe Set and Cemented at.....feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....1774.....feet
If alternate 2 completion, cement circulated
from.....1774.....feet depth to.....surface/385.....SX cmt
Cement Company NameAllied Cementing.....
Invoice #48972.....

API NO. 15-.....
County.....Rooks.....
60' N & 30' E of
.....NW SW SW.... Sec. 6... Twp...7...Rge...20... East
..... West

.....1050..... Ft North from Southeast Corner of Section
.....4920..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

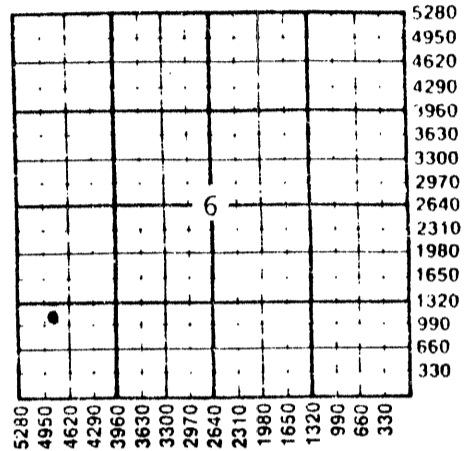
Lease Name.....R. V. Jones.....Well #.....1.....

Field Name.....Le Sage, NW.....

Producing Formation.....Lansing.....

Elevation: Ground.....2170'.....KB.....2175'.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring
Making no water at present.

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Hauled.
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

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; Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

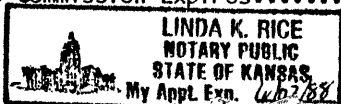
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature
Title.....President..... Date 10/14/87

Subscribed and sworn to before me this 14th day of October, 1987

Notary Public.....Linda K. Rice.....

Date Commission Expires.....6/07/88



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

NOV 13 1987
11-13-1987
KANSAS CORPORATION COMMISSION
Wichita, Kansas

Sec. 16 Twp. 7 N. Rge. 20 W.

Operator Name **Ritchie Exploration, Inc.** Lease Name **R. V. Jones** Well # **1**

Sec. **6** Twp. **7S** Rge. **2W** East West
 County **Rooks**

WELL LOG

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3364'-3400' (Toronto). Recovered 660' of gas in pipe, 1200' clean gassy oil.
 IFP:105-286#/30"; ISIP:1121#/30";
 FFP:360-455#/30"; FSIP:1100#/30".

DST #2 3396'-3400' (Top Zone). Misrun. Packer failed.

DST #3 3398'-3400' (Top Zone). Recovered 1680' of salt water w/ scum of oil.
 IFP:116-497#/30"; ISIP:1048#/30";
 FFP:560-757#/30"; FSIP:1058#/30".

DST #4 3425'-3466' (35' & 50' zones). Recovered 780' of gas in pipe, 300' clean gassy oil, 300' slightly oil cut muddy water, 480' mud cut water.
 IFP:127-317#/30"; ISIP:1142#/30";
 FFP:391-466#/30"; FSIP:1131#/30".

DST #5 3463'-3488' (70' & 90' zones). Recovered 360' muddy water w/ oil spots.
 IFP:52-95#/30"; ISIP:1079#/45". FFP:137-190#/30"; FSIP:1069#/45".

Name	Top	Bottom
Anhydrite	1773' (+ 402)	
B/Anhydrite	1805' (+ 370)	
Topeka	3158' (- 983)	
Heebner	3365' (-1190)	
Toronto	3387' (-1212)	
Lansing	3400' (-1225)	
B/KC	3593' (-1418)	
Arbuckle	3660' (-1485)	
LTD	3718' (-1543)	

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
Surface	12 1/2"	8-5/8"	23#	214'	60-40 Poz	150	2% gel, 3% ca
Production	7-7/8"	5-1/2"	14#	3716'	60-40 Poz	125	10% salt

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SSB	3660 1/2' - 3664'	500 gal. of 15% MCA	3660 1/2' - 64'
one 3/8"	3563' & 3550'	1200 gal. of 28% acid	3563' & 3550'
2 SSB	3560' - 64'; 3548' - 3551 1/2'		

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method
7/11/87	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	90 Bbls	MCF	0 Bbls	CFPB	

METHOD OF COMPLETION	Production Interval
Disposition of gas: <input type="checkbox"/> Vented <input type="checkbox"/> Solid <input type="checkbox"/> Used on Lease <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Other (Specify)	3560' - 64' & 3548' - 3551 1/2'
<input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled	

OPERATOR Ritchie Exploration, LEASE NAME R. V. Jones#1 SEC. 6 TWP. 7 RGE. 20 (W)

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST #6 3511'-3570' (140', 160' & 180' zones). Recovered 300' of gas in pipe and 1050' clean gassy oil. IFP: 95-286#/30"; ISIP: 861#/30"; FFP: 345-423#/30"; FSIP: 840#/30".</p>				
<p>DST #7 3568'-3600' (200' & 220' zones). Recovered 3' of mud w/ oil spots. IFP: 42-42#/30"; ISIP: 42#/30"; FFP: 42-42#/30"; FSIP: 42#/30".</p>				
<p>DST #8 3590'-3670' (Arbuckle). Recovered 10' free oil, 110' oil cut mud. IFP: 63-74#/30"; ISIP: 840#/45"; FFP: 84-95#/30"; FSIP: 726#/45".</p>				
<p>DST #9 3669'-3680' (Arbuckle). Recovered 3' mud w/ oil spots. IFP: 52-42#/30"; ISIP: 42#/30"; FFP: 42-42#/30"; FSIP: 42#/30".</p>				

RECEIVED
STATE OIL AND GAS COMMISSION
NOV 13 1957
CONSERVATION DIVISION
Wichita, Kansas