

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

5

API NO. 15-163-22,958-00-00

County Rooks

NW SE SW Sec 6 Twp 7S Rge 20 East
..... West

990 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name R. V. Jones Well # 2

Field Name LE SAGE, NW

Producing Formation Lansing

Elevation: Ground 2202' KB 2207'

Operator: License # 4767
Name Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
Wichita, KS 67202
City/State/Zip

Purchaser Koch Oil Company
Wichita, KS

Operator Contact Person Jeff Christian
Phone 316-267-4375

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Bob Mathiesen
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 Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

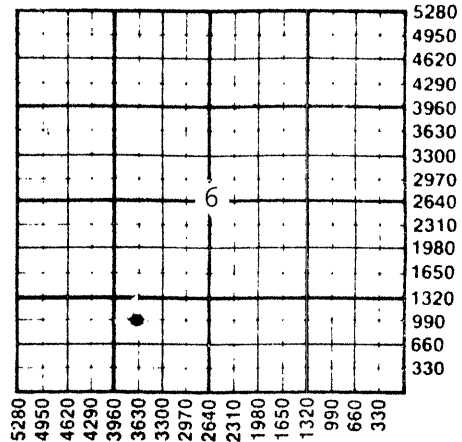
11-2-87 11-10-87 12/19/87
Spud Date Date Reached TD Completion Date

3720' 3618'
Total Depth PBTD

8-5/8" @ 218'
Amount of Surface Pipe Set and Cemented at.....feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....surface, 475 SX cmt
Cement Company Name Allied Cementing Co.
Invoice # 50241

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-25,274 Repressuring

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.

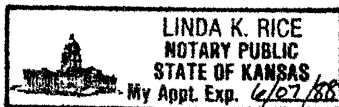
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature] Title Vice President Date 2/18/88

Subscribed and sworn to before me this 8th day of February 1988
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
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
02-23-1988



Sec. 6, Twp. 7, Rge. 20 W

SIDE TWO

Operator Name ...Ritchie Exploration, Inc..... Lease Name..... R. V. Jones..... Well #..... 2

Sec. 6..... Twp. 7S..... Rge. 20..... 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 3341'-3363' (Lower Topeka). Rec. 130' of muddy water, no show of oil.
 IFP:65-65#/30"; ISIP:907#/45";
 FFP:79-79#/30"; FSIP:907#/45".

Name	Top	Bottom
Anhydrite	1809' (+ 398)	
B/Anhydrite	1839' (+ 368)	
Topeka	3189' (- 982)	
Heebner	3397' (-1190)	
Toronto	3419' (-1212)	
Lansing	3433' (-1226)	
B/KC	3630' (-1423)	
Arbuckle	3706' (-1499)	
LTD	3721' (-1514)	

DST #2 3395'-3430' (Toronto). Rec. 400' of clean gassy oil and 116' of oil cut mud.
 IFP:87-131#/30"; ISIP:1179#/45";
 FFP:185-270#/30"; FSIP:1168#/45".

DST #3 3429'-3454' (Top zone). Rec. 488' of muddy water. IFP:87-120#/30"; ISIP:1071#/45";
 FFP:218-251#/30"; FSIP:1071#/45".

DST #4 3456'-3498' (35' & 50' zones). Rec. 1496' of gas in pipe; 960' of clean gassy oil; 630' of froggy oil; & 270' of slightly oil cut muddy water.
 IFP:294-480#/30"; ISIP:1147#/30";
 FFP:546-677#/30"; FSIP:1147#/30".

PLEASE KEEP THIS
 INFORMATION
 CONFIDENTIAL
 RELEASED

3-30-89
 MAR 30 1989

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used				Type and			
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	Percent Additives
Surface	12 1/2"	8-5/8"	24#	218'	60-40 Poz	150	2% gel, 3% cc
Production	7-7/8"	4 1/2"	10.5#	3689'	60/40poz	125	10% salt
						10	salt flush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
2 SSB	3624'-3627'			Acidized w/600 g. of 28%			3624'-27'
2 SSB	3475'-3477'; 3469'-3472'			Acidized w/750 g. of 28%			3475'-77'
							3469'-72'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
12/19/87	<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	
	32 Bbls	0 MCF	98 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3475'-77' &
 Used on Lease Dually Completed 3469'-3472'
 Commingled

OPERATOR Ritchie Explor., Inc. LEASE NAME R.V. Jones

SEC. 6 TWP. 7S RGE. 20

(B)
(W)

FILL IN WELL LOG AS REQUIRED:

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

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.

FORMATION, DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST#5 3495'-3519' (70' & 90' zones). Recovered 730' of muddy water w/trace of oil. IFP:120-240#/30"; ISIP:1049#/45"; FFP:305-360#/30"; FSIP:1049#/45";				
DST#6 3542'-3604' (140'-180' zones). Recovered 20' of oil cut mud. IFP:76-76#/30"; ISIP:513#/45"; FFP:76-76#/30"; FSIP:120#/45".				
<p>PLEASE KEEP THIS INFORMATION CONFIDENTIAL</p>				

RELEASED

MAR 30 1989

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
FEB 25 1983
Oklahoma, Kansas