

ORIGINAL

6115190  
RELEASED

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

API NO. 15-163-23,036-00-00 SEP 24 1989  
County...Rooks... FROM CONFIDENTIAL  
SE SE NW Sec 19 Twp 6S Rge 20 X West

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

2970 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Koch Oil Co.  
Wichita, KS

Lease Name Wyrill-19B Well # 1

Operator Contact Person Jeff Christian  
Phone 316/267-4375

Field Name W.C.

Producing Formation Marmaton & I/KC

Elevation: Ground 2273' KB 2278'

Contractor: License # 6033  
Name Murfin Drilling Co

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH  
JUN 13 1989

Wellsite Geologist Bob Mathiesen  
Phone 316/267-4375

PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL

Designate Type of Completion  
X New Well Re-Entry Workover

X 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

Section Plat grid with elevations from 5280 to 330. A dot is marked at 2970' elevation.

RECEIVED  
STATE CORPORATION COMMISSION

JUN 15 1989  
6-15-89

CONSERVATION DIVISION  
Wichita, Kansas

Disposition of Produced Water: Disposal  
Docket # n/a Repressuring  
Well producing no water.

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. #)

Drilling Method:  
X Mud Rotary Air Rotary Cable  
3/06/89 3/13/89 3/31/89  
Spud Date Date Reached TD Completion Date  
3820' n/a  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 215 feet  
Multiple Stage Cementing Collar Used? X Yes No  
If yes, show depth set 1900 feet  
If alternate 2 completion, cement circulated  
from 1900 feet depth to surface 400 SX cmt  
Cement Company Name Allied Cementing  
Invoice # 53669

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # n/a Repressuring  
Well producing no water.

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.

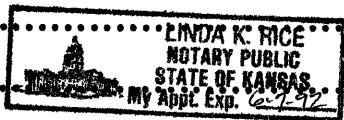
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]  
Title Vice President Date 5/26/89

Subscribed and sworn to before me this 26th day of May 1989

Notary Public Linda K. Rice

Date Commission Expires 6/07/92



K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
Wireline Log Received  
Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
6892  
(Specify)

Sec. 19 Twp 6S Rge 20W

Operator Name Ritchie Exploration, Inc. Lease Name Wyrill-19B Well # 1

RELEASED

Sec. 19 Twp. 6S Rge. 20W  East  West County Rooks SFP 24 1990

WELL LOG

FROM CONFIDENTIAL

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

DST #1 3422'-3446' (Oread "A"). Recovered 2,140' of salt water, no show of oil. IFP:243-696#/30"; ISIP:1062#/30"; FFP:895-968#/30"; FSIP:1083#/30".

DST #2 3473'-3537' (Toronto & Top zone). Rec. 10' mud w/few oil spots. IFP:84-84#/30"; ISIP:105#/30"; FFP:84-84#/30"; FSIP:105#/30".

DST #3 3537'-3581' (35' & 50' zones). Rec. 125' of muddy water, no show of oil. IFP:105-105#/30"; ISIP:1125#/45"; FFP:127-127#/30"; FSIP:1125#/45".

DST #4 3625'-3690' (140'-180' zones). Rec. 15' of mud w/oil spots. IFP:105-105#/45"; ISIP:1031#/45"; FFP:105-116#/45"; FSIP:979#/45".

DST #5 3686'-3772' (200' zone & Marmaton). Rec. 315' gas in pipe & 465' mud cut oil (68% oil, 32% mud). IFP:148-211#/30"; ISIP:822#/30"; FFP:286-307#/30"; FSIP:738#/30".

DST #6 3759'-3782' (Marm.-Cong.). Rec. 10' of mud w/few oil spots. IFP:95-95#/30"; ISIP:127#/30"; FFP:84-84#/30"; FSIP:95#/30#.

Name	Formation Description	
	Top	Bottom
Anhydrite	1894'(+ 384)	
B/Anhydrite	1923'(+ 355)	
Topeka	3274'(- 996)	
Heebner	3480'(-1202)	
Toronto	3513'(-1235)	
Lansing	3530'(-1252)	
B/KC	3717'(-1439)	
LTD	3821'(-1543)	

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

CASING RECORD <input checked="" 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
Surface	12 1/2"	8-5/8"	23#	215'	60/40 poz.	170	2% gel, 3% CC
Production	7-7/8"	4 1/2"	10.5#	3819'	60/40 poz.	125	10% salt
						10	salt flush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2 shots	3740'-42 1/2'; 3712'-15'; 3706'-08 1/2';			Acidized w/1,950 gal. of 15% acid		3682 1/2'-86'; 3706'-08 1/2';	
	3682 1/2'-86'					3712'-37 1/2'	
				Acidized w/750 gal. of 15% acid		3740'-42 1/2'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
3/31/89		<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	Gas	Water	Gas-Oil Ratio	Gravity	
8 Bbls			MCF	3 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3740'-42 1/2'; 3712'-15';  
 Used on Lease  Dually Completed  Commingled. 3706'-08 1/2'; 3682 1/2'-86'