

32-6-23W
COPY

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

JUL 24

CONFIDENTIAL

API NO. 15- 065-22,677
County Graham
SW- SW- SW Sec. 32 Twp. 6S Rge. 23 ^EXW

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Ste. 1000

City/State/Zip Wichita, KS 67202-1775

Purchaser: Koch Oil Company

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Geologist: K. Noah

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: RELEASED

Well Name: SEP 6 1994

Comp. Date Old Total Depth

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Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

Spud Date 05-13-92 Date Reached TD 05-19-92 Completion Date 6-16-92

330 Feet from S/N (circle one) Line of Section

4950 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name M. Walters Well # 1

Field Name White

Producing Formation L/KC

Elevation: Ground 2497' KB 2502'

Total Depth 3974' PBDT 3962'

Amount of Surface Pipe Set and Cemented at 303 Feet

Pre-Cementing Collar Used? Yes No

Amount of Cement Set 2168' Feet

If Alternate II completion, cement circulated from 2168'

feet depth to surface w/ 250 sx cat.

Drilling Fluid Management Plan ALT 2 9/21/92 JAH
(Data must be collected from the Reserve Pit)

Chloride content 700 ppm Fluid volume 400 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name

Quarter Sec. Twp. ^EXW

County Docket No.

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JUL 24 1992

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107). One copy of all wireline logs and geologist well report 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.

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 President Date 7-24-92

Subscribed and sworn to before me this 24 day of JULY 19 92.

Notary Public Lisa Thimmesch

Date Commission Expires

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp 8-29-95

CONSERVATION DIVISION
WICHITA, KS

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution

KCC SWD/Rep. NGPA
 KGS Plug Other (Specify)

IS

Operator Name Ritchie Exploration, Inc. Lease Name M. Walters Well # 1
 Sec. 32 Twp. 6S Rge. 23 East West
 County Graham

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 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No (Submit Copy.)
 List All E.Logs Run: R. A. Guard Log

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 See attached sheet

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CASING RECORD <input type="checkbox"/> New <input checked="" 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 1/4"	8-5/8"	28#	303'	60/40	190	2%Gel 3%CC
production	7-7/8"	5 1/2"	14#	3972'	60/40	140 ²⁵⁰ _{KCC}	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
3	3408.3'	3806.3' 50' zone		
3	3789.3'	3796.3' 35' zone	450 gallons 15% NE	3789.3'-3796.3'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3016.22'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
6-17-92	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20.08	0	36.74		

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

32-6-23W

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775
316-267-4375 FAX 316-267-3026

Computer Inventoried

#1 M. Walters
SW SW SW
Section 32-6S-23W
Graham County, Kansas
API# 15-065-22,677

JUL 7

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RELEASED

SEP 6 1994

FROM CONFIDENTIAL

LOG TOPS

Anhydrite	2183'(+ 317)
B/Anhydrite	2217'(+ 283)
Topeka	3519'(-1019)
Heebner	3720'(-1220)
Toronto	3744'(-1244)
Lansing	3761'(-1261)
B/KC	3951'(-1451)
LTD	3973'(-1473)

DST #1 from 3780' to 3800' (35' zone). Recovered 120' gas in pipe, 150' slightly mud cut oil (95% oil, 5% mud); 60' slightly mud cut oil (90% oil, 10% mud); and 60' mud and oil (50% oil, 50% mud). 270' total fluid (84% oil, 16% mud). 29° Gravity at 60° F.
IFP:40-60#/45"; ISIP:1125#/45";
FFP:101-121#/45"; FSIP:1095#/45".

DST #2 from 3800' to 3818' (50' zone). Recovered 240' gas in pipe; 568' clean gassy oil, 29° gravity; 60' mud cut watery oil (50% oil, 20% water, 30% mud); 186' slightly oil cut water (10% oil, 90% water); 124' water. 938' total fluid (66% oil, 32% water, 2% mud).
IFP:91-203#/30"; ISIP:856#/30";
FFP:274-365#/30"; FSIP:846#/30".

DST #3 from 3866' to 3924' (140' and 180' zones). Recovered 5' mud, no show of oil.
IFP:30-30#/30"; ISIP:50#/30";
FFP:30-30#/30"; FSIP:40#/30".

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