

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
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 Jeff 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 OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

3-13-87 3-20-87 5-15-87
Spud Date Date Reached TD Completion Date
3656' 3630'
Total Depth PBTD

8-5/8" @ 226'

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 1776' feet depth to surface 475' SX cmt
Cement Company Name Allied Cement
Invoice # 48420

SIDE ONE

065-22,358
API NO. 15-
County Graham
SE NE SE Sec 1 Twp 7S Rge 21 East
..... X West

1650 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

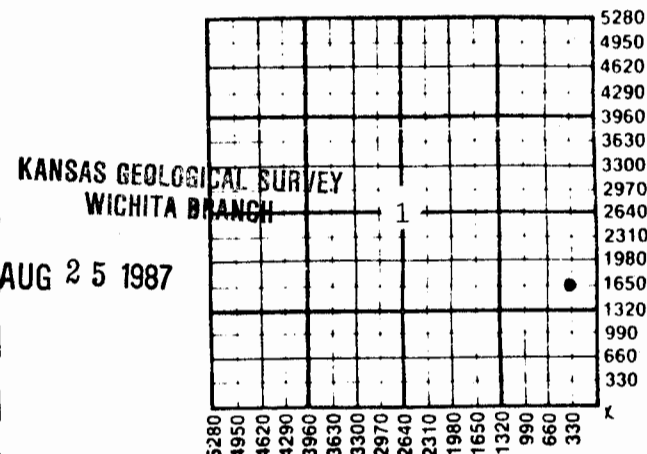
Lease Name Trexler Well # 1

Field Name

Producing Formation Lansing

Elevation: Ground 2158' KB 2163'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 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) Brad Trexler, R. R. 2, Hill City
(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.

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name.....Trexler.....Well #.....J...

Sec.....1.....Twp.....7S.....Rge.....21.....☐ East
☒ West County.....Graham.....

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 3345'-3368' (Lower Topeka). Rec. 70' thin gassy mud, no show oil. IFP:52-52#/45"; ISIP:871#/45";FFP:52-63#/45"; FSIP:829#/45".

DST #2 3361'-3410' (Toronto & Lansing Top zone). Rec. 2120' oil, 30' watery oil cut mud & 60' oil & water cut mud. IFP:222-591#/30"; ISIP:1152#/30";FFP:654-829#/30";FSIP:1142#/30".

DST #3 3420'-3464' (35'&50' zones). Rec. 1' oil, 120' mud w/oil spots, & 1929' muddy wtr. IFP:233-705#/30"; ISIP:1131#/30";FFP:788-923#/30";FSIP:1131#/30".

DST #4 3459'-3484' (70'&90' zones). Rec. 900' muddy water & 170' of mud. IFP:95-254#/30"; ISIP:1037#/30";FFP:328-402#/30";FSIP:1037#/30".

DST #5 3506'-3596' (140'-220' zones). Rec. 590' gas in pipe, 990' very gassy oil, 260' gas & oil cut mud & 60' slightly oil & gas cut mud. IFP:144-308#/30"; ISIP:1090#/45";FFP:390-462#/30";FSIP:1070#/45".

Name	Top	Bottom
Anhy	1755' (+ 408)	
B/Anhy	1786' (+ 377)	
Topeka	3154' (- 991)	
Heebner	3361' (-1198)	
Toronto	3381' (-1218)	
Lansing	3395' (-1232)	
B/KC	3589' (-1426)	
Arbuckle	3640' (-1477)	
LTD	3655' (-1492)	

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 1/4"	8 5/8"	23#	226'	60-40 Poz. 150	150	2% gal., 3% cc
.....Production.....	7 7/8"	4 1/2"	10 5/8#	3654'	60-40 poz. 140	140	10% salt
.....							

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..jets/foot..from..3641'-3647'.....	500..gal...of..15%..INS.....	3641-47'	
2..SSB..jets/foot..from..3553'-3559'.....	750..gal..28% demulsion.....	3553-59'	
2..SSB..jets/foot..from..3544'-3547'.....	500..gal..20% acid.....	3544-47'	
.....			

TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes ☐ No

Date of First Production

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

1-7-21W ✓

PAGE TWO, SIDE ONE

Operator Name Ritchie Exploration, Inc. Lease Name.....Trexler.....Well #.....1...

Sec.....1..... Twp.....7S..... Rge.....21..... ☐ East
☒ West County.....Graham.....

DRILL STEM TESTS (cont'd)

DST #6 from 3616' to 3656' (Arbuckle). Recovered 130' of oil and 90' of oil cut mud.

IFP:63-84#/30"; ISIP:943#/45";

FFP:116-128#/30"; FSIP:871#/45".

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	60 Bbls	MCF	0 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

3553'-59'
.....
3544'-47'
.....