

S SIDE ONE

19-11-22w

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 # 5198
Name A. Scott Ritchie
Address 125 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202

Purchaser Clear Creek, Inc.

Operator Contact Person Jeff Christian
Phone (316) 267-4375

Contractor: License # 6033
Name Murfin Drilling Co.

Wellsite Geologist Leah Ann Kasten
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 OWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable
11/10/85 11/19/85 12/18/85
Spud Date Date Reached TD Completion Date
3985' RTD 3860'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 217 feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1701 feet
If alternate 2 completion, cement circulated
from 1701 feet depth to surface 450 SX cmt
Cement Company Name Allied Cementing Co.
Invoice # 1257

API NO. 15-195-21,804

County Trego

SW NW NE Sec 19 Twp 11S Rge 22 ☒ East ☒ West

4290 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Eva Richardson Well # 4

Field Name Mong

Producing Formation Lansing

Elevation: Ground 2281' KB 2286'
Section Plat

WATER SUPPLY INFORMATION
Disposition of Produced Water: ☒ Disposal
Docket # CD6788(C-19,372) ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

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 duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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.

95016

WSS-11-P1

SIDE TWO

Operator Name A. Scott Ritchie Lease Name..... Eva Richardson Well #.... 4

Sec.... 19 Twp.... 11S Rge.... 22 ☐ East ☒ West County..... Trego

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

Name Top Bottom

DST #1 from 3503' to 3555' (Toronto & Top zone). Recovered 540' of mud and water cut oil. IFP:143-187#/30" ISIP:430#/45"; FFP:253-253#/30"; FSIP:407#/45".

DST #2 from 3557' to 3574' (Lower Top Zone). Recovered 60' of mud with few oil spots. IFP:77-77#/30"; ISIP:308#/30"; FFP:77-77#/30"; FSIP:110#/30".

DST #3 from 3568' to 3606' (35' & 50' zones). Recovered 300' of gas in pipe and 720' of gassy frothy muddy oil. IFP:132-198#/30"; ISIP:407#/30"; FFP:286-297#/30"; FSIP:407#/30".

DST #4 from 3608' to 3623' (70' zone). Recovered 30' of mud with a few oil spots. IFP:66-66#/30"; ISIP:209#/30"; FFP:66-66#/30"; FSIP:110#/30".

DST #5 from 3621' to 3637' (90' zone). Recovered 125' gassy oil cut muddy water. IFP:66-66#/30"; ISIP:187#/45"; FFP:66-66#/30"; FSIP:187#/45". (Cont. on next page)

Anhydrite	1740'	(+ 544)
B/Anhydrite	1784'	(+ 502)
Topeka	3291'	(-1005)
Heebner	3503'	(-1217)
Toronto	3524'	(-1238)
Lansing	3539'	(-1253)
B/KC	3771'	(-1485)
Marmaton	3860'	(-1574)
Arbuckle	3959'	(-1673)
LTD	3983'	(-1697)

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#	217'	quickset	140	2% gel, 3% CC
Production..	7-7/8"	4 1/2"	10.5#	3968'	pacmix	175	10% salt, 3%
.....					gilsonite & 20	hbls.	of preflush..

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1. SSP.....	3884' - 3892'	Acidized w/500 gal. AOG-200...	3872-92..
1. SSP.....	3872' - 3880'	Fracture treated w/20,000#...	
2. SSP.....	3527' - 3605'; 3580 1/2' - 3584'	of 20/40 sand & 2500# of 10/20	3872-3872
2. SSP.....	3540 1/2' - 3544 1/2'	Acidized w/1500 gal. of 28%	3580 1/2 - 3605
		Acidized w/900 gal. of 28%	3540 1/2 - 44 1/2

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
Date of First Production	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....			
12/18/85					

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

(E)

OPERATOR Ritchie Exploration LEASE NAME Eva Richardson SEC. 19 TWP. 11S RGE. 22W (W)

FILL IN WELL LOG AS REQUIRED: #4

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
(Continued from page 1)				
DST #6 from 3667' to 3740' (140', 160', 180' zones). Recovered 60' of slightly oil cut watery mud. IFP:88-88#/30"; ISIP:474#/30"; FFP:88-88#/30"; FSIP:253#/30".				
DST #7 from 3734' to 3778' (200', 220' zones). Recovered 5' of mud, no show of oil. IFP:77-77#/30"; ISIP:496#/30"; FFP:77-77#/30"; FSIP:242#/30".				
DST #8 from 3875' to 3935' (Marmaton). Recovered 70' of heavy oil cut mud. IFP:121-121#/45"; ISIP:1202#/60"; FFP:132-132#/45"; FSIP:1159#/60".				
DST #9 from 3966' to 3985' (Arbuckle). Recovered 450' of muddy water. IFP:88-176#/45"; ISIP:1061#/45"; FFP:220-286#/45"; FSIP:1017#/45".				

MAR 03 1968

State Geologist
WICHITA BRANCH

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	71.65 Bbls	MCF	43.55 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease☐ Open Hole ☒ Perforation
☐ Other (Specify)

3540'-3605'

☐ Dually Completed
☐ Commingled

.....

WELL LOG_x

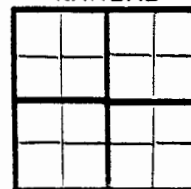
COMPANY A. Scott Ritchie
125 N. Market, Suite 950
Wichita, Kansas 67202
FARM Eva Richardson **NO.** 4

SEC. 19 **T.** 11S **R.** 22W
LOC. SW NW NW

RIG. NO. 8
TOTAL DEPTH 3985'
COMM. 11-10-85 **COMP.** 11-20-85

COUNTY Trego
KANSAS

CONTRACTOR Murfin Drilling Company
250 N. Water, Suite 300
Wichita, KS 67202



CASING
20 10
15 8 -5/8" set @ 217' w/140 sx Common, 2% Gel, 3% CC
12 6
13 5 4-1/2" set @ 3960' w/175 sx 60/40 Poz, 10% Salt.
FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Dirt	218'
Sand & Shale	525'
Shale & Lime & Sand	1741'
Anhydrite	1784'
Shale & Lime	3985'

MAR 03 1986
State Geological Survey
WICHITA BRANCH

DEC 09 1985