

WELL COMPLETION OR RECOMPLETION FORM

ACO-1 WELL HISTORY

RECEIVED
200 Colorado Derby Building
SEP 18 1984
WHL
Michele, Robert

Operator Name A. Scott Ritchie Lease Name W.H.R. Well# 2 SEC 3 TWP. 12S RGE. 22 ☐ East ☒ West

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
Samples Sent to Geological Survey
Cores Taken

☒ Yes ☐ No
☒ Yes ☐ No
☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Name Top Bottom

DST #1 from 3643' to 3696' (Toronto & Top zone). Recovered 90' of muddy water, few specks of oil (47% mud & 53% water).
IFP: 69-81#/30"; ISIP: 1196#/45";
FFP: 93-104#/30"; FSIP: 1150#/45".

DST #2 from 3805' to 3932' (140' to 220' zones). Recovered 5' of mud.
IFP: 104-104#/30"; ISIP: 347#/30";
FFP: 104-104#/30"; FSIP: 278#/30".

DST #3 from 4013' to 4060' (Marmaton). Recovered 245' of slightly gassy mud cut oil (2% gas, 90% oil, 8% mud).
IFP: 69-116#/45"; ISIP: 1219#/60";
FFP: 127-139#/45"; FSIP: 1184#/60".

Anhydrite	1832'	(+ 564)
B/Anhydrite	1878'	(+ 518)
Topeka	3429'	(-1033)
Heebner	3647'	(-1251)
Toronto	3667'	(-1271)
Lansing	3683'	(-1287)
B/KC	3926'	(-1530)
Marmaton	4008'	(-1612)
Arbuckle	4100'	(-1704)
LTD	4119'	(-1723)

TUBING RECORD		size	set at	packer at	Liner Run	☐ Yes	☐ No
Date of First Production	5/11/84	Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain) _____					
Estimated Production Per 24 Hours	30 Bbls	Oil	Gas	Water	Gas-Oil Ratio	Gravity	
			MCF	2.5 Bbls	CFPB		

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 production	12 1/4"	8-5/8"	24#	247'	quickset	200	
	7-7/8"	4 1/2"	10.5#	4108'	60/40 posmix	175	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	
1 SSB jet	4018' - 4040'			Acid w. 500 gal. of AOG - 200		4018' - 4040'	
				Fract. treat. w. 43,000 gal. of gelled water & 22,500# of sand.			

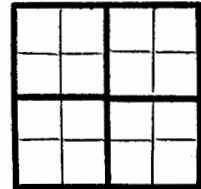
WELL LOG

COMPANY A. SCOTT RITCHIE
125 North Market, Suite 300
Wichita, Kansas 67202
FARM W.H.R. NO. 2

SEC. 3 T. 12S R. 22W
LOC. 440' fSL & 440' fWL NW

RIG. NO. 16
TOTAL DEPTH 4116'
COMM. 4-7-84 COMP. 4-15-84

COUNTY Trego KANSAS



CONTRACTOR MURFIN DRILLING COMPANY
250 North Water, Suite 300
Wichita, Kansas 67202

CASING

20 10
15 8 - 5/8" csg set @ 247' w/200 sx Common
12 6 Quickset
13 5

ELEVATION

PRODUCTION

4 1/2" csg set @ 4108' w/175 sx 60-40 Poz, 2% Gel + 475 sx 50-50 Poz, 6% Gel
FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Soil & Sand	170'
Shale	380'
Sand & Shale	1650'
Shale	1837'
Anhy	1885'
Shale	3065'
Shale & Lime (RTD)	4116'

SEP 20 1984

State Geological Survey
WICHITA BRANCH

RECEIVED
STATE GEOLOGICAL SURVEY COMMISSION

SEP 18 1984