

SIDE TWO

53608

Operator Name A. Scott Ritchie Lease Name Leikam Well# 1 SEC 35 TWP 12S RGE 17 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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	1244'	(+ 825)
B/Anhydrite	1284'	(+ 785)
Topeka	3086'	(-1017)
Heebner	3283'	(-121)
Toronto	3302'	(-1233)
Lansing	3329'	(-1260)
B/KC	3561'	(-1492)
Arbuckle	3597'	(-1528)
RTD	3619'	(-155)

DST #1 from 3334' to 3391' (35' & 50' zones). Recovered 15' of mud with a slight show of oil in tool. IFF:48-58#/30"; ISIP:336#/30"; FFP:67-77#/30"; FSIP:307#/30".

DST #2 from 3390' to 3420' (70' & 90' zones). Recovered 120' of gas in pipe, 5' of slightly oil specked muddy water, 170' of muddy water. IFF:77-96#/30"; ISIP:221#/45"; FFP:106-115#/30"; FSIP:211#/45".

DST #3 from 3444' to 3521' (140', 160', 180' zones). Recovered 5' of gas in pipe, 5' of gassy oil cut watery mud, 120' of slightly gassy oil cut muddy water. IFF:125-144#/30"; ISIP:529#/45"; FFP:163-173#/30"; FSIP:519#/45".

DST #4 from 3518' to 3566' (200' and 220' zones). Recovered 5' of mud, no show of oil. IFF:66-77#/30"; ISIP:125#/30"; FFP:86-86#/30"; FSIP:125#/30".

DST #5 from 3558' to 3604' (Arbuckle). Recovered 60' of oil cut mud. IFF:67-77#/30"; ISIP:875#/45"; FFP:96-106#/30"; FSIP:856#/45".

DST #6 from 3603' to 3619' (Arbuckle). Recovered 220' of muddy water, no show of oil. IFF:86-106#/30"; ISIP:1114#/45"; FFP:125-134#/30"; FSIP:1104#/45".

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#	216'	quickset	160	none
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PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth:
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