

Operator Name Rains & Williamson Oil Co. Lease Name Ziegler "A" Well# 2 SEC. 3 TWP. 10S RGE. 26 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	2209	(+364)
Topeka	3584	(-1011)
Heebner	3797	(-1224)
Toronto	3818	(-1245)
Lansing	3836	(-1263)
BKC	4067	(-1494)
LTD	4099	(-1526)

DST #1 - 3796-3850, 30 (30) 30 (30).
 Rec. 63' V.SI.OCMW. FP's 38-38, 57-57.
 IBHP 1184, FBHP 1175.

DST #2 - 3850-3878, 15 (30) 15 (30).
 Rec. 5' mud. FP's 47-38, 47-38.
 IBHP 631, FBHP 631.

DST #3 - 3875-3895, 15 (30) 15 (30).
 Rec. 3' mud w/few specks oil. FP's 47-47, 57-57. IBHP 806, FBHP 728.

DST #4 - 3960-3990, 10 (30) 15 (30).
 Rec. 3' mud w/specks oil. FP's 28-28, 38-38. IBHP 57, FBHP 57.

DST #5 - 4006-4030, 30 (30) 30 (30).
 Rec. 1' mud w/few specks oil. FP's 38-38, 38-38. IBHP 38, FBHP 38.

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#	302'	60/40 poz.	215 sx.	2% gel., 3% cc.

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used) Depth

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

TUBING RECORD

size set at packer at Liner Run Yes No

Date of First Production Producing method flowing pumping gas lift Other (explain)

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

METHOD OF COMPLETION

Disposition of gas: vented sold used on lease
 open hole perforation other (specify)

PRODUCTION INTERVAL

Dually Completed.
 Commingled