

15-071-20354-0000

SIDE TWO

Operator Name Bartling Oil Co. Lease Name Miller Well# 4 SEC 21 TWP 20S RGE 39 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
Stone Corral	2397	2414

** pf 2848-58 lspf
 2805-2814 lspf

Acidized - 1000 gal 15% Fe acid
 Frac - 19,500 gal gell KCL wtr, 20,000#
 20-40 sd : 10 ball sealers

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CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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"	24	305	Class H	225	2% gel 3% CaCl
Production	7 7/8"	4 1/2"	10.5	2932	Class C	400	4 1/2% gel 1/2% fluoride
					Class C	150	18% salt, 3/4% CFR-2

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	2849-2858, 2864-2870	Acidize - 600 gal 15% Fe acid	2849-2870
1	2804-2814	Frac-15,500 gal gelled KCL wtr. w/ 15,000# 20/40 sd	
2	2849-58, 2864-70	Sqz w/100 sx Class "H" cement	
2	2805-2814	Acidized-500 gal 15% Fe acid, Acidized sqz w/100 sx Class "H" w/diesel fuel	

TUBING RECORD ^{**} (continued above)			
size	set at	packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			
	Oil	Gas	Water	Other

Estimated Production Per 24 Hours	Bbls	MCF	Bbls	Gravity

RELEASED
 AUG 07 1986
 FROM CONFIDENTIAL

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL Dually Completed. Commingled