

Disposition of Produced Water: ☒ Disposal
☐ Repressuring

WELL LOG

P. 1

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

DST#1 1935'-75 30-60-30-60 Rec. 1020' water, chlorides 105,000. I.F. 167-447:F.F.487-567: I.S.I. 657;F.S.I. 1657

DST#2 3882-3866 30-60-30-60; I.F.P. 101-386; L.S.I.P. 1373; F.F. 436-547; F.S.I.P. 1373 I.H.P. 2007; F.H.P. 1978.

DST#34134-4185 30-60-30-60 Strong-bottom of bucket in 1 min. Gas to surface during initial shut in. I.H.P. 2127; F.H.P. 2117; I.F. 81-142; F.F. 142-162; I.S.I.P. 1462; F.S.I.P. 1452. Chlorides 37,000. Temp. 130°. Rec. 210' GWMCO (60% oil, 20% gas 10% water 10% mud) 120' MCGO (80% oil, 10% gas, 10% mud), 60' MCGO (50% oil, 40% gas, 10% mud.)

Name	Top	Bottom
Heebner	3510	- 1646
Toronto	3529	- 1665
Douglas Shale	3551	- 1687
Brown Lime	3692	- 1828
Lansing	3708	- 1844
Base of K.C.	4054	- 2190
Marmaton	4065	- 2201
Cong.	4112	- 2248
Mississippi	4146	- 2282
Miss. Lime	4218	- 2354
Kinderhook Shale	4327	- 2463
Viola	4340	- 2476
Simpson	4396	- 2532
Simpson Sand	4414	- 2550
Arbuckle	4465	- 2601

METHOD OF COMPLETION

Production Interval

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

.....4158-4188.....

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#	261	60-40 poz common	100	4%gel 12%cc
Production	7 7/8"	4 1/2"	10.5#	4,466	50-50 poz	125	2%gel 18%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			
4 4158'-4188'				500 gal. 10% N.I. 2,000 gal. 15% N.E. Frac. 40,000 gal. crosslink gel. 20,000# 20/40; 20,000# 10/20 sand			
TUBING RECORD				Liner Run ☐ Yes ☒ No			
Size 2 3/8"		Set At 4,248					
Date of First Production 5-23-85		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil 200 Bbls	Gas Being tested	Water -0-	Gas-Oil Ratio NA	Gravity 41 1/2	
			MCF	Bbls	CFPB		