

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	2089'	
B/Anhydrite	2132'	
Topeka	3614'	
Heebner	3837'	
Toronto	3856'	
Lansing	3870'	
Stark	4002'	
B/KC	4116'	
RTD	4130'	

DST #1: 4025-4075
 15-30-45-90
 Strong Blow throughout. GTS/45".
 Rec. 578' CGO (G 30.9° at 60°), 496' WCO (10% W, 10% M, 80% O), 1015' WCO (24% W, 2% M, 64% O), 186' WCO (40% W, 2% M, 58% O), 90' CLSW.
 2365' total fluid.
 SIP 1228-1228, FP 469-582/602-920, HP 2195-2123,
 BHT 130°

RELEASED
 12-11-1986
 DEC 11 1986

FROM CONFIDENTIAL

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 Casing	12 1/4"	8 5/8"	10#	244'	class 'A'	135	3% cc, 2% gel
Production		4 1/2"		4113'	Common	25	
					Pozmix	75	
					Howco lite	350	pozmix 100

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	4033.5	MCA, 250 gal	4038
2	4038	KCl water	

TUBING RECORD		Liner Run	
size	set at	Yes	No
2 3/8"	4025	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Date of First Production	Producing method			
	flowing	pumping	gas lift	Other (explain)
8-28-84	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	
	80-85	--	--		

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify) _____

PRODUCTION INTERVAL: 4033.5 & 4038

Dually Completed. Commingled