

Sec. 30 Twp. 14 Rge. 12 East West County Russell

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	640	673 (+106)
Tarkio Lime	2251'	(551)
Heebner	2758'	2752' (1058)
Toronto	2776'	2791' (1076)
Douglas	2791'	2834' (1091)
Lansing	2834'	(-113)
Base K.C.	3104'	(1140)
Arbuckle	3129'	(-142)
RTD	3132'	(-143)

DST #1: FIFP 98, FFFP 102, ICIP 765, SIFP147
 SFFP 159, FCIP 757, 1st. Blow Strong 10min.
 2nd Blow strong 8 mins. IHM 1480PSI
 Rec: 800' GIP, 80'GPCM, 120'SM &W gassy oil
 120' Heavy water cut gassy oil, 60' Oil & Mud
 cut water

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	6 Bbls	MCF	25 Bbls	CFPB	39

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation

3131-3132

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"	20#	410'	60/40poz	200	2% gel 3% ee
Production	7-7/8"	5 1/2"	14#	3131'	50/50poz	225	8% salt, 75% CFR2

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
	Open hole - no perfs.	no acid

TUBING RECORD

Size 2-3/8" Set At 3129' Packer at Liner Run Yes No

Date of First Production 8-15-86 Producing Method Flowing Pumping Gas Lift Other (explain).....