

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached stat 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
K.C.- Arbuckle		
Kansas City	2990	3230
Arbuckle	3360	3420

4 pr. ft.	3270-3274, Cong. Sand	1,000 Gal. Of 15% per. Perforation
1 pr. Ft.	3360-3364, Arbuckle, None Comm.	None

TUBING RECORD size 2 7/8 set at 3340 packer at None Liner Run Yes No

Date of First Production 6-10-1986 Producing method flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	80%		20%		
	40 Bbls	MCF	20 Bbls	CFPB	39

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify) Dually Completed. Commingled
 PRODUCTION INTERVAL: K.C. Sand

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	24	1005	Comm.	400	60/40 Pos.
Prod. St.	7 7/8	5 1/2	14	3419	Comm.	175	None

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 pr. Ft.	3022-3026, 3040-3044, 3152-3156	1,000 Gal. of 15% per. Perforation	
	3197-3200, K.C.		