

SIDE TWO

Operator Name **R. P. NIXON OPERATIONS** Lease Name **HAROLD** Well # **1**

Sec. **10** Twp. **13S** Rge. **16** East West County **ELLIS**

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	1112	1142
TOPEKA	2937	
HEEBNER SHALE	3150	
TORONTO LIME	3171	
LANSING - KC	3202	(-1217)
ARBUCKLE	3456	(-1471)
LTD	3499	
RTD	3500	

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	31.2		5.5		
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation 3210' - 3386'

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	210	60/40	135	2% gel. 1.3% c.c.
PRODUCTION	7 7/8	5 1/2"	14	3498	MUD. SW.	100	w/SUREFILL

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
IE	3386' - 3360' & 3346'	3000 GALS. 28% NON F.	3499'
IE	3275' - 3231' & 3210'	3000 GALS. 28%	3310'

TUBING RECORD

Size 2 3/8" Set At 3494' Packer at NA

Liner Run Yes No