

Operator Name **Hellmich & Payne, Inc.** Lease Name **Evelyn** Well# **4** SEC **10** TWP **11S** RGE **17** West

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

Log Tops

Base of Stone Corral Anhydrite 1067'
 Topeka 2748'
 Heebner 2977'
 Toronto 3001'
 LKC 3020'
 LKC I zone 3178'
 Base KC 3274'
 Massive Conglomerate 3285'
 Arbuckle 3366'
 DTD 3440'
 LTD 3438'

Name	Top	Bottom
LKCI	3185	3190
Limestone, 21%, 30 ohm-m.		
Massive Conglomerate	3302	3305
Sand, Chert SW = 45% ON = 20%		
Arbuckle	3367	3371
Dolomite ON = 14-17% 10-30 ohm-m.		

DST #1 LKC I

IH = 1705

IF - Weak blow inc to btm of bucket in 25 mins.

30" IFP = 42 - 63

60" ISIP = 899

60" FFP = 117 to 149 FF - Weak blow inc to strong blow in 40 mins.

60" FSIP = 867

FH = 1684

Rec: 90' GIP. 5' OCM. 330' MW

TUBING RECORD size 2 3/8 set at 3304 packer at None		Liner Run ☐ Yes ☒ No	
Date of First Production	Producing method ☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)		
Estimated Production Per 24 Hours	Oil 56 Bbls	Gas 0 MCF	Water 14 Bbls
			Gas-Oil Ratio ----- CFPB
			Gravity 30

Disposition of gas: ☐ vented
☐ sold

METHOD OF COMPLETION

☐ open hole ☒ perforation
☐ other (specify)

PRODUCTION INTERVAL

3302 - 3316

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 7/8	23 1/2	260	Class A	150	2% gel 3% CaCl ₂
Production	7 7/8	4 1/2	9.5	3384	Self Stress 60/40 Poz	150	None
		Stage tool @ 1055'		Top Stage	Cl A	370	4% gel
						50	2% gel 3% CaCl ₂
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	3302 - 3316			1500 gals. 15% MSR. 100 36 balls			3302-3316
				35000 gal. 65 quality foam frac, w/ 44000# 20-40 sand & 9000# 10-20 sd			3302-3316