



Operator Name L. D. Drilling, Inc Lease Name Delzait Well# 1 SEC 13 TWP. 11 RGE. 32  East  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

Surface Hole 0' --347'  
 Sand & Shale 347' ---525'  
 Shale 525' --2043'  
 Shale & sand 2043' --2467'  
 Anhydrite 2467' --2500'  
 Shale 2500' --3782'  
 Shale & Lime 3782' --4040'  
 Lime 4040' --4571'  
 R.T.D. 4571'

DST #1 3955-4040 Times: 45-30-30-30  
 Blow: weak Recovery: 20' Mud W/oil specks  
 IFP: 46-29 FFP: 73-46  
 ISIP: 590 FSIP: 571

DST #2 4047-4070 Times; 45-45-45-45  
 Blow: Weak bldg. to 5 1/2"  
 Recovery: 95' SOCMW; 555' VSOCW

DST #3 4186-4231 Times: 45-45-45-45  
 Blow: weak bldg. to 5 1/2"  
 Recovery: 150' GIP; 210' HOcm, 25% gas, 15-30% oil  
 IFP: 42-74 FFP: 95-106  
 ISIP: 854 FSIP: 768

DST #4 4416-4461 Times: 45-30-30-45  
 Blow: weak 1/2" blow through-out  
 Recovery: 20' VSOCM  
 IFP: 64-55 FFP: 64-55  
 ISIP: 447 FSIP: 289

DST #5 4508-4571 Times: Mis-run  
 Blow: Tool would not open-stuck drill pipe  
 4' off bottom

Name	Formation Description	
	Top	Bottom
Anhy.	2467	2500
Heebner	3948	(-978)
Toronto	3971	(-1001)
Lans. K/C	3989	(-1019)
Stark	4210	(-1240)
Base K/C	4272	(-1302)
Marmaton	4300	(-1330)
Pawnee	4400	(-1430)
Myric Station	4438	(-1468)
Fort Scott	4469	(-1499)
Cherokee Shale	4500	(-1530)
Johnson	4546	(-1576)

CASING RECORD <input 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	12 1/4"	8 5/8"	23#	345'	60/40 Poz	235	2% Gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  open hole  perforation  other (specify)

PRODUCTION INTERVAL

Dually Completed.  Commingled