

Operator Name Gruss Petroleum Lease Name Tracy Well# 1 SEC 12 TWP 23S RGE 24 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

Formation Description
 Log Sample

DST #1 - 2385-2450' (Herington)
 Mis-run - packer failure.

DST #2 - 4562-4597' (Mississippian). Recovered 5' mud in DP, no shows. 15-15-15-0. IHP 2381 psi, IFP 51-51 psi, ISIP 381 psi, FFP 59-58 psi, FSIP 0 psi, FHP 2367 psi, BHT 119°F.

DST #3 - 4564-4602' (Mississippian). Recovered 90' mud, slight trace oil on top, 360' muddy water, (80% water & 20% mud). 30-60-90-180. IHP 2409 psi, IFP 73-127 psi, ISIP 1362 psi, FFP 150-238 psi, FSIP 1372 psi, FHP 2401 psi, BHT 129°F.

Name	Top	Bottom
Herington	2424'	
Winfield	2481'	
Neva	2950'	
Statler	3300'	
Howard	3476'	
Topeka	3502'	
Heebner	3859'	
Lansing-Kansas City	3909'	
Base Kansas City	4338'	
Ft. Scott	4488'	
Cherokee	4515'	
Mississippian	4580'	

CASING RECORD <input checked="" 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 csg.	12-1/4"	8-5/8"	24	515'	60/40 Pozmix (Class H)	360	3% CaCl ₂ , 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
	N/A			N/A			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No N/A			
size	N/A	set at	packer at				
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
D&A	N/A						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	N/A	Bbls	MCF	Bbls	CFPB		

Disposition of gas: vented sold N/A used on lease

METHOD OF COMPLETION
 open hole perforation other (specify) N/A
 Dually Completed.
 Commingled

PRODUCTION INTERVAL
 N/A