



SIDE TWO

Operator Name Timberline Oil & Gas Lease Name Welch Well# 1-SWD 20 SEC. 20 TWP. 26S RGE. 12  East  West

County Pratt

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

Soil, sand, gravel 0-220'  
 Red beds 220-755  
 Anhydrite 755-763  
 Red beds, shale 763-2005  
 Shale, lime 2005-4297  
 Lime, shale 4297-4309  
 Arbuckle 4309-5125  
 Granite wash 5125-5210 RTD

Name	Top	Bottom
Arbuckle	4392	
Granite	5150	

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	12 1/4"	9 5/8"	36#	330' KB	60/40 Poz	225 sx	2% GeI, 3% cc.
Production	8 3/4"	7"	23#	4615' KB	Class 'A'	125 sx	5# CALSEAL, .1% FDP-344, .1% Calcium Chloride per sack
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
	no perforations, open hole from 4615-5210'			10,000 gal, 15% HCL			4615-5210
TUBING RECORD					Liner Run <input type="checkbox"/> Yes <input checked="" 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		
	Not applicable - SWD						
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  open hole  perforation  
 sold  other (specify) \_\_\_\_\_  
 used on lease  Dually Completed.  
 Commingled

PRODUCTION INTERVAL

RECORDED IN ORIGINAL  
 OIL & GAS FIELD  
 BUREAU OF STATE  
 251 1723 1794

27-15-01