

Operator Name Thomas E. Black d/b/a Black Petroleum Company Lease Name Nickelson Well # 1

Sec. 16 Twp. 9S Rge. 24 East West County Graham

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	2157 +	359
Base Anhydrite	2196 +	320
Topeka	3598 -	1082
Heebner Shale	3813 -	1297
Toronto	3840 -	1324
Lansing	3856 -	1340
B/KC	4080 -	1564
RTD	4085 -	1569

DST #1 3873-91'; 30-30-30-30, very wk. bl, died in 20" on 1st open, no blow on 2nd open
 Rec. 25' Mud; IF 33/33 BHP: 66/33

DST #2 3889-3905'; 30-30-60-60; wk. bl. building to strg. in 30" on 1st open; wk. blow building to strg. in 30" on 2nd open; Rec. 340' MW w/ slight oil scum
 IF 45-68 ISI 767
 FF 90-170 FSI 790

DST #3 3907-42' 30-30-30-30, wk. steady blow in 1st open, very wk. bl in 2nd open; Rec. 70' MW w few oil spots; IF 45-45 FF 45-56; ISI 700 FSI 689

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		8 5/8"	20#	254'	Common	160	3% c.c., 2% ge
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			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled