

Operator Name Donald C. Slawson Lease Name..... BLACK Well #..... 1-28

Sec..... 28 Twp..... 34S Rge..... 33 East West County..... Seward

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
Herrington	2600	+ 234
Krider	2626	+ 208
Council Grove	2982	- 148
Heebner	4338	- 1504
Toronto	4358	- 1524
Lansing	4486	- 1652
Marmaton	5191	- 2357
Cherokee	5465	- 2631
Morrow	5828	- 2994
Chester	6102	- 3268
St. Genevieve	6462	- 3628

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	11"	8 5/8"	24#	1576' KB	Cl C lite	475	3% CaCl ₂
Prod	7 7/8"	4 1/2"	10.5#	6500' KB	Cl 'H'	475	10% salt, 3/4% CF-1 2/10% AF-HD & 1/4#/sk Cello-seal.

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	6082-86	Acidize L. Morrow w/1500 gal 7% HCL acid containing 56 BS.	6082-6095
4	6092-95	Frac perms w/27,000 gal 65% Qual. CO ₂ foam containing 35,000# 20-40 sd & 85 tons CO ₂ .	6082-6095

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
200 jts	2 3/8"	5990'	5990'		

Date of First Production: WOPL
 Producing Method: Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	-0- Bbls	235 MCF	-0- Bbls	- CFPB	-

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole. Perforation
 Sold Other (Specify) 6082-6095
 Used on Lease Dually Completed L. Morrow
 Commingled