

8-15-1W p

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G E O L O G I C A L R E P O R T

Excalibur Production Co., Inc.
Swanson # 1
NE SW SW, Sec. 8-15-1W
Field: Gilmore Ext.
Saline County, Kansas

December 10, 1985
Elevation: 1255 KB
Comm: 12/5/85; Comp: 12/10/85
Casing: 8-5/8" @ 213'/130sx.
5-1/2" @ 2695'/75sx.

FORMATION TOPS

Lansing	2009 (-754)
Weathered Mississippian	2653 (-1398)
Mississippian	2657 (-1402)
RTD	2696 (-1441)

Cores: None

Drill Stem Tests: One test was taken in the Mississippian by Halliburton Services, job log attached.

Electrical Logs: None

Gas Detector: None

Measurements: Were taken from kelly bushing, 5 feet above ground level.

FORMATION SUMMARY

MISSISSIPPIAN

2663-2670 Dolomite: light buff to tan, finely to medium crystalline, poor and fair intercrystalline porosity with a small amount of fair to good pin-hole and vugular porosity, show of oil, some oil lacks life, no show of gas, strong odor. DST # 1 included the top three feet of this zone. This zone should be evaluated on a GRN log and tested further through perforations.

DST # 1 2658-2666 Tool run 30"-30"-30"-30"
Open one hour, fair to good blow throughout, recovered 175 feet of mud cut oil and 10 feet of oil cut mud, see job log for percent grind out.

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<u>Pressures:</u>	IHP	1282 psi.
	IFP	11-42 psi.
	ICIP	613 psi.
	FFP	42-85 psi.
	FCIP	602 psi.
	PHP	1282 psi.

Temperature: 93° F
98° F

2670-2675 Dolomite: light grayish buff to tan, finely to medium crystalline, fair porosity, show of oil, oil lacks life, some barren porosity, faint to fair odor. It is believed this zone does not warrant testing.

RECOMMENDATIONS

It is recommended that casing be set at a depth of 2695 feet and the recommended zone tested.

Respectfully submitted,

Donald J. Melland

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