

Marc A. Downing
Consulting Petroleum Geologist

Geologic Report
Drilling Time and Sample Log

Operator **Mikol Oil LLC**
 Lease **Rupp-Staab** No. **1-28**
 API # **15-051-26916-0000**
 Field **Jon**
 Location **2064' FSL & 2386' FWL**
 Sec. **28** Twp. **12s** Rge. **18w**
 County **Ellis** State **Kansas**

Elevation
 KB **2161**
 DF **2159**
 GL **2153**
 Casing Record
 Surface **8 5/8" @ 221'**
 Production **None**
 Electrical Surveys
CNDL, DIL MEL, Sonic

Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	1432	1433	+728	+13
Base Anhydrite	1473	1474	+687	NA
Topeka	3174	3173	-1012	-1
Heebner	3407	3408	-1247	+1
Toronto	3431	3432	-1271	+1
LKC	3458	3458	-1297	+1
BKC	3684	3686	-1525	-1
Arbuckle	3779	3777	-1616	+35
Total Depth	3845	3848	-1687	

Drilling Contractor	Discovery Drilling, Rig #2
Commenced	7-20-18
Completed	7-26-18
Samples Saved From	3150 To RTD
Drilling Time Kept From	3100 To RTD
Samples Examined From	3150 To RTD
Geological Supervision From	3150 To RTD

Reference Well For Structural Comparison: **Welch & Olsson Joy #1 SW SW NE Sec. 28-12s-18w**

Summary and Recommendations
 Due to structural position, DST recovery, and log evaluation, it was decided to plug and abandon the well.

Respectfully Submitted,
 Marc A. Downing

ROCK TYPES: shale, gry, Carbon Sh, Dolprim, Linst, w/7>, Cht vert, Chtongl

ACCESSORIES: Stringer, Limestone, green shale, carb shale

OTHER SYMBOLS: DST, DST Int, DST alt, Core, Tail pipe, Misc, Daily Report, Digital Photo, Document, Folder, Link, Vertical Log File, Horizontal Log File, Core Log File, Drill Cuttings Rpt, Oil Shows, Even Stn, Spotted Stn 50-75%, Spotted Stn 25-50%, Questionable Stn, Read Oil Stn, Fluorescence, Mineral, Chert, dark, Chert, White

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