



Geologic Report

Drilling Time and Sample Log

| | | | |
|-------------|----------------------------------|---------------|-----------------------|
| Operator | Downing-Nelson Oil Company, Inc. | Elevation | 2132' |
| Lease | Ernie Pfeifer No. 1-1 | KB | 2132' |
| API # | 15-051-26950-0000 | DF | 2124' |
| Field | Weisner | GL | 2124' |
| Location | 1280' FNL & 1700' FWL | Casing Record | Surface 8 5/8" @ 223' |
| Sec. | 1 | Twp. | 13s |
| Rge. | 20w | Production | None |
| County | Ellis | State | Kansas |
| Formation | Sample tops | Log Tops | Datum |
| Struct Comp | | | |

| | | | | |
|--------------|-------------|----------|-------|-------------|
| Formation | Sample tops | Log Tops | Datum | Struct Comp |
| Anhydrite | 1466' | 1466' | +666 | +676 -10 |
| Base | 1508' | 1508' | +624 | |
| Topeka | 3170' | 3170' | -1038 | -1034 -4 |
| Heebner | 3405' | 3404' | -1272 | -1266 -6 |
| Toronto | 3428' | 3426' | -1294 | -1287 -7 |
| Lansing | 3445' | 3444' | -1312 | -1305 -8 |
| BKC | 3696' | 3693' | -1561 | -1552 -9 |
| Marmaton | 3742' | 3740' | -1608 | -1601 -7 |
| Conglomerate | 3767' | 3760' | -1628 | -1626 -2 |
| Total Depth | 3865' | 3865' | -1733 | |

Summary and Recommendations

The location for the Ernie Pfeifer #1-1 was found via 3-D seismic survey. The new well ran slightly lower structurally than expected via the survey. Four Drill Stem Tests were conducted, all of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Ernie Pfeifer #1-1 well.

Reference Well For Structural Comparison DNOCI Pfeifer Unit #1-1
2160' FNL & 1320' FWL Sec. 1 T13s R20w Ellis Co. Kansas

| | | |
|-----------------------------|-----------------------------|---------------------|
| Drilling Contractor | Discovery Drilling Co. Inc. | Rig #4 |
| Commenced | 7-5-2019 | Completed 7-13-2019 |
| Samples Saved From | 3150' | To RTD |
| Drilling Time Kept From | 3050' | To RTD |
| Samples Examined From | 3150' | To RTD |
| Geological Supervision From | 3150' | To RTD |

Displacement 3000'

Mud Type Chemical

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.

ROCK TYPES shale, red shale, gry Carbon Sh

ACCESSORIES

OTHER SYMBOLS

OIL SHOWS

MISC

STRINGER

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Curve Track #1

DST

Lithology

Oil Shows

Geological Descriptions

Comment

DST #1

DST #2

DST #4

DST #3

Respectfully Submitted, Jason T Alm 7-15-2019