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Becker Oil

Durler #1

NE-NW-NW; Section 32-24s-22w

Hodgeman County, Kansas

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15-083-21512-00-00

4 1/2" Production Casing Set**Contractor:** Cheyenne Drilling Company (Rig #11)**Commenced:** March 8, 2006**Completed:** March 12, 2006**Elevation:** 2421' K.B.; 2419' D.F.; 2414' G.L.**Casing Program:** Surface; 8 5/8" @ 213'
Production; 4 1/2" @ 2825'**Samples:** Samples saved and examined 2500' to the Rotary Total Depth.**Drilling Time:** One (1) foot drilling time recorded and kept 2400' to the Rotary Total Depth.**Measurements:** All depths measured from the Kelly Bushing.**Formation Testing:** There were three (3) Drill Stem Tests ran by Trilobite Testing Co.**Electric Log:** By Eli Wireline Services; Compensated Neutron/Density and Porosity Log.**Gas Detector:** By Earth Tech.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1530	+891
Krider	2532	-111
Winfield	2591	-170
Towanda	2655	-234
Ft. Riley	2706	-285
Florence	2761	-340
Wreford	2813	-392
Rotary Total Depth	2830	-409
Log Total Depth	2827	-406

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**KRIDER SECTION**

2536-2550' Dolomite; gray, mottled, sucrosic, poorly developed pinpoint to finely vuggy type porosity, trace gas bubbles, (15 unit gas kick).

2550-2558' Dolomite; as above, shaley, poorly developed porosity.

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Drill Stem Test #1 **2505-2565'**

Times: 20-30-20-30

Blow: Weak

Recovery: 64' gassy water cut mud
(5% gas, 10% water, 85% mud)

Pressures: ISIP 149 psi
FSIP 168 psi
IFP 46-54 psi
FFP 52-59 psi
HSH 1321-1272 psi

WINFIELD SECTION

- 2591-2600' Dolomite; tan, buff, sucrosic, poorly developed pinpoint type porosity, trace tan, chert, (barren).
- 2604-2610 Dolomite; gray, tan, finely crystalline, sucrosic, poor visible porosity, few with pinpoint type porosity, chalky luster few pieces of dolomite, trace tan chert. (18 unit gas kick).
- 2610-2622' Dolomite; as above, trace limestone, tan, finely crystalline, highly dolomitic, no shows.

TOWANDA SECTION

- 2656-2666' Dolomite; tan, finely crystalline, scattered pinpoint to finely vuggy porosity, chalky, luster, no shows.
- 2666-2690' Dolomite; as above, increasingly chalky, poor visible porosity, trace chert, gray, tan, boney and gray, tan, finely crystalline, limestone.

FT. RILEY SECTION

- 2710-2724' Limestone; gray, white/cream, slightly dolomitic, finely crystalline, fair intercrystalline to vuggy type porosity, plus chert, white, gray, boney, few opaque, no show, no gas kick.
- Limestone; gray, dark gray, few fossiliferous, chalky, poor visible porosity.

FLORENCE SECTION

- 2761-2780' Limestone; gray, cream, finely crystalline, dolomitic, poorly developed porosity.
- 2783-2788' Limestone; gray, finely crystalline, highly fossiliferous, plus chert, gray, white, highly fossiliferous, trace loose fossil fragments, no gas bubbles (3 unit gas increase).

WREFORD SECTION

- 2813-2827' Limestone; gray, tan, finely crystalline, fossiliferous in part, chalky, few cherty, poor visible porosity, no shows.

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Rotary Total Depth	2830 (-409)
Log Total Depth	2827 (-406)

Remarks:

After review of "open hole" logs it was decided to straddle test the Winfield section,

Drill Stem Test #2 **2593-2626'**

Mis-run

Drill Stem Test #3 **2595-2626'**

Mis-run

Recommendations:

After two (2) unsuccessful attempts to drill stem test the Winfield Section, it was recommended by all parties involved to set and cement 4 ½" production casing and the following zone be tested in the Durler #1:

1. Winfield 2604-2607

Respectfully submitted;

James C. Musgrove
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