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Becker Oil Corporation
 Wieland 'A' #1
 1425' FNL & 2600' FEL, Section 16-21s-22w
 Hodgeman County, Kansas
 Page No. 1

RECEIVED
 OCT 20 2003
 KCC WICHITA

4 1/2" Production Casing Set

Contractor: Cheyenne Drilling Company (Rig #8)

Commenced: May 14, 2003

Completed: May 18, 2003

Elevation: 2288' K.B.; 2286' D.F.; 2282' G. L.

Casing Program: Surface; 8 5/8" @ 234'
 Production; 4 1/2" @ 2649'

Samples: Samples saved and examined 2250' to the Rotary Total Depth.

Drilling Time: One (1) foot drilling time recorded and kept 2200' to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Formation Testing: There were three (3) Drill Stem Test ran by Trilobite Testing Co.

Electric Log: By Rosel Company; Compensated SSD/Neutron Log.

Gas Detector: By Earth Tech.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1456	+832
Krider	2340	-52
Winfield	2396	-108
Towanda	2463	-175
Ft. Riley	2516	-228
Florence	2555	-268
Base Florence	2586	-298
Wreford	2600	-312
Council Grove	2623	-335
Rotary Total Depth	2650	-362
Log Total Depth	2646	-358

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

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

KRIDER SECTION

2340-2350' Dolomite; gray and tan, finely crystalline, sucrosic, fair pinpoint to intercrystalline type porosity, (30 unit gas kick).

2357-2376' Dolomite; as above, shaley in part, (30 unit gas kick).

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Drill Stem Test #1 2322-2380' (Log 2318-2376)

Times: 30-45-60-90

Blow: Strong, gas to surface 11 minutes into final flow,
 gas T.S.T.M.

Recovery: 210' gassy mud

Pressures: ISIP 659 psi
 FSIP 660 psi
 IFP 53-59 psi
 FFP 65-108 psi
 HSH 1245-1194 psi

WINFIELD SECTION

- 2396-2408' Dolomite; gray and tan, finely crystalline, sucrosic, fair pinpoint to scattered vugular type porosity, no visible gas bubbles. Trace white fossiliferous chert. (47 unit gas kick).
- 2408-2424' Dolomite; gray to tan, finely crystalline in part, fair vuggy type porosity, (35 unit gas kick)

Drill Stem Test #2 2400-2452' (2396-2448)

Times: 20-30-30-45

Blow: Strong; gas to surface 8 minutes, gas gauged as follows:

Initial Flow

8 minutes 271,785 cfgpd
 15 minutes 318,645 cfgpd
 20 minutes 396,744 cfgpd

Final Flow

5 minutes 538,563 cfgpd
 10 minutes 584,183 cfgpd
 15 minutes 584,183 cfgpd
 20 minutes 584,183 cfgpd
 25 minutes 584,183 cfgpd
 30 minutes 584,183 cfgpd

Recovery: 270' gassy mud

Pressures: ISIP 688 psi
 FSIP 683 psi
 IFP 89-107 psi
 FFP 142-160 psi
 HSH 1262-1223 psi

TOWANDA SECTION

- 2463-2480' Dolomite; gray, fine to medium crystalline, poor visible porosity, no shows.
- 2490-2498' Dolomite; gray to tan, finely crystalline, few medium crystalline, sucrosic in part, poor visible porosity, few with fair pinpoint to intercrystalline porosity, (46 unit gas kick).

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Drill Stem Test #3 2471-2502

Times: 30-30-30-45
Blow: Weak, flushed tool, no help
f.f.p. no blow
Recovery: 60' mud
Pressures: ISIP 401 psi
FSIP 438 psi
IFP 33-40 psi
FFP 42-47 psi
HSH 1297-1209 psi

2498-2506' Dolomite; tan and brown, finely crystalline, scattered poor porosity, no shows.

FT RILEY SECTION

2516-2536' Limestone; white and gray, slightly fossiliferous, chalky, trace gray and white, sucrosic dolomite and white boney chert, no shows.

2536-2555' Limestone; gray and white, few dolomitic, poor visible porosity, no shows.

FLORENCE SECTION

2555-2586' Limestone; tan, fossiliferous, poorly developed porosity, no shows.

WREFORD SECTION

2600-2605' Limestone; gray, slightly fossiliferous, chalky in part, sparry calcite cement, trace iron pyrite, no shows.

2608-2622' Limestone; as above.

Council Grove 2623 (-335)

Rotary Total Depth 3900 (-2012)

Log Total Depth 3902 (-2014)

Recommendations:

On the basis of the favorable Drill Stem Tests, it was recommended by all parties involved to set and cement 4 1/2" production casing at 2649' (one foot off bottom) and the following zones be tested in the Wieland 'A' #1:

1. Winfield 2410-2414
2. Winfield 2398-2405
3. Krider 2357-2368
4. Krider 2340-2350

Respectfully submitted;


James C. Musgrove
Petroleum Geologist