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Globe Operating Inc.  
Conner 'B' #1  
SW-SW-SE; Section 16-19s-14w  
Barton County, Kansas  
Page No. 1

15-009-24906-00-00

**Dry and Abandoned**

**Contractor:** Discovery Drilling Co Inc. (Rig #2)

**Commenced:** March 30, 2006

**Completed:** April 6, 2006

**Elevation:** 1892' K.B.; 1890' D.F.; 1884' G.L.

**Casing Program:** Surface; 8 5/8" @ 829'  
Production; none.

**Samples:** Samples saved and examined 1900' to the Rotary Total Depth.

**Drilling Time:** One (1) foot drilling time recorded and kept 1900' to the Rotary Total Depth.

**Measurements:** All depths measured from the Kelly Bushing.

**Formation Testing:** There were two (2) Drill Stem Tests ran by Diamond Testing Co.

**Electric Log:** By Log Tech; Dual Induction, Dual Compensated Porosity Log and Micro Log.

**Gas Detector:** By MBC Well Logging.

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<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	809	+1083
Herington	1728	+164
Winfield	1776	+116
Neva	2239	-347
Red Eagle	2298	-406
Tarkio	2592	-700
Topeka	2788	-896
Heebner	3119	-1227
Toronto	3137	-1245
Douglas	3151	-1258
Brown Lime	3210	-1318
Lansing	3220	-1328
Base Kansas City	3449	-1557
Conglomerate	3466	-1574
Conglomerate Sand	3492	-1600
Rotary Total Depth	3595	-1703
Log Total Depth	3595	-1703

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

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

**HERINGTON SECTION**

- 1728-1740' Dolomite; gray, tan, finely crystalline, shaley in part, poor visible porosity, no shows. (3 unit gas kick).
- 1740-1760' Dolomite; as above, sucrosic, questionable gas bubbles, poorly developed porosity.

**WINFIELD SECTION**

- 1776-1790' Dolomite; tan, buff, finely crystalline, sucrosic, fair pinpoint type porosity, trace white chert, no shows.

**NEVA SECTION**

- 2239-2254' Limestone; tan to white, slightly fossiliferous, chalky, poor vuggy type porosity, no shows.

**RED EAGLE SECTION**

- 2298-2320' Limestone; white to cream, fine to medium crystalline, poorly developed intercrystalline porosity, trace dull yellow fluorescence.

**TOPEKA SECTION**

- 3038-3050' Limestone; tan, gray, fossiliferous, poor porosity, trace brown and black stain, no show of free oil or odor in fresh samples.
- 3064-3071' Limestone; tan, fossiliferous, chalky in part, scattered fossil cast porosity, dark brown to brown stain, show of free oil and questionable odor in fresh samples.

**TORONTO SECTION**

- 3137-3145' Limestone; white, cream, finely crystalline, few fossiliferous, chalky, no shows.

**LANSING SECTION**

- 3224-3231' Lansing; white, cream, gray, chalky, finely crystalline, scattered pinpoint porosity, golden brown to brown stain and saturation, show of free oil and faint odor in fresh samples.

**Drill Stem Test #1 3222-3240'**

**Times: 30-30-30-30**

**Blow: Weak**

**Recovery: 40' gas in pipe  
20' slightly gas cut mud  
Scum of oil  
(10% gas, 3% water, 8% mud)**

**Pressures: ISIP 83 psi  
FSIP 126 psi  
IFP 28-32 psi  
FFP 27-31 psi  
HSH 1543-1513 psi**

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- 3250-3256' Limestone; tan, fossiliferous, chalky, poor porosity, trace dull gray and black stain, no show of free oil or odor in fresh samples.
- 3261-3271' Limestone; gray, fossiliferous, chalky, poorly developed porosity, no shows.
- 3279-3282' Limestone; gray, white, fossiliferous, spotty brown and black stain, trace of free oil and questionable odor samples broken.
- 3292-3310' Limestone; cream, tan, oomoldic, fair to good oomoldic porosity, chalky in part, trace poor spotty stain, no show of free oil or odor in fresh samples.
- 3310-3326' Limestone; tan, cream, gray, oomoldic, fair to good oomoldic porosity (barren).
- 3356-3362' Limestone; buff, finely oomoldic, scattered oomoldic porosity, no shows.
- 3374-3382' Limestone; tan, gray, fossiliferous/oolitic, poorly developed porosity, no shows.
- 3390-3401' Limestone; cream, white, oolitic/fossiliferous, trace brown and black spotty stain, no show of free oil or odor in fresh samples.
- 3410-3420' Limestone; cream, gray, fossiliferous, chalky, finely crystalline, fair fossil cast to intercrystalline porosity, no shows.
- 3422-3430' Limestone; white, gray, fossiliferous, slightly chalky, poor porosity.
- 3440-3448' Limestone; as above, no shows.

**CONGLOMERATE SECTION**

- 3470-3480' Limestone; tan, fossiliferous, sandy, sparry calcite cement, trace brown and black stain, trace of free oil and no odor, trace sand, white, very fine grained, quartzitic, calcareous in part, dull gray to black stain.
- 3488-3498' Chert; white, clear, oolitic, weathered, trace black and gray stain, trace of free oil and no odor in fresh samples, plus and, tan, sub rounded, chert inclusions, spotty brown stain.

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Drill Stem Test #2 3445-3512'

**Times:** 30-30-45-60

**Blow:** Strong, gas to surface in ten (10) minutes, gas gauged as follows:

<b>Initial Flow</b>	
10 minutes	60,000 cfgpd
20 minutes	56,800 cfgpd
30 minutes	47,300 cfgpd
<b>Final Flow</b>	
10 minutes	40,000 cfgpd
20 minutes	34,700 cfgpd
30 minutes	28,300 cfgpd
40 minutes	20,000 cfgpd
45 minutes	20,000 cfgpd

**Recovery:** 175' gassy mud  
180' gassy water

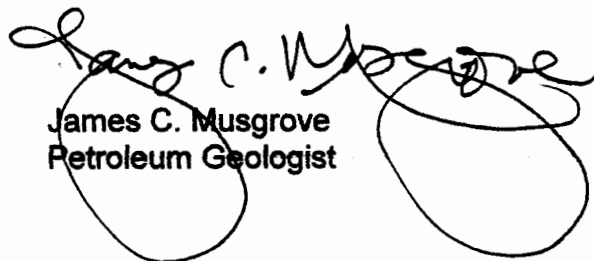
<b>Pressures:</b>	ISIP	320	psi
	FSIP	595	psi
	IFP	78-120	psi
	FFP	123-187	psi
	HSH	1696-1644	psi

- 3520-3526' Chert; white, gray, red, boney, opaque, trace sand, very fine grained, sub rounded, poor visible porosity, plus chert, white, oolitic, black spotty stain.
- 3536-3550' Chert; yellow, red, white, boney, oolitic, blocky, weathered, plus red/orange chert, black spotty stain, no show of free oil or odor.
- 3550-3586' Varied colored oolitic, opaque chert, plus varied colored shale.

**Rotary Total Depth** 3595 (-1703)  
**Log Total Depth** 3595 (-1703)

**Recommendation:** The Conner B #1 was plugged and abandoned at the RTD 3595.

Respectfully submitted;

  
James C. Musgrove  
Petroleum Geologist

