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Globe Operating, Inc.
Beran #1-31
NW-NW-SE; Section 31-17s-11w
Barton County, Kansas


## Dry and Abandoned

**Contractor:** Allen Drilling Company, Inc. (Rig #3)

**Commenced:** September 12, 1995

**Completed:** September 19, 1995

**Elevation:** 1832' K.B., 1830' D.F., 1827' G.L.

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

**Casing Program:** Surface; 8 5/8" @ 309'
Production; None

**Sample:** Samples saved and examined 2500' to the Rotary Total Depth.

**Drilling Time:** One (1) ft. drilling time recorded and kept 2500' to the Rotary Total Depth.

**Electric Log:** By Wire-Tech; Dual Induction, Compensated Density Neutron Log.



**Formation Testing:** There were two (2) test ran by Superior Testers, Inc.

| Formation | Sample Depth | Sub-sea Datum |
|---|---|---|
| Anhydrite | 667 | +1159 |
| Howard | 2606 | -774 |
| Severy | 2625 | -793 |
| Topeka | 2641 | -809 |
| Heebner | 2937 | -1105 |
| Toronto | 2956 | -1124 |
| Douglas | 2971 | -1139 |
| Brown Lime | 3045 | -1213 |
| Lansing | 3060 | -1228 |
| Base Kansas City | 3305 | -1473 |
| Conglomerate | 3317 | -1485 |
| Rotary Total Depth | 3420 | -1588 |
| Log Total Depth | 3420 | -1588 |

(All tops and zones corrected to electric log measurements)

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

### TOPEKA SECTION

2883-2892' Limestone; gray to tan, fossiliferous, granular, few oocastic, scattered porosity, trace brown to dull gray to black stain, show of free oil and faint odor in fresh samples.

TORONTO SECTION

2956-2966' Limestone; cream to white, fossiliferous, dolomitic, good vuggy type porosity, fair to good stain and saturation, good show of free oil (gassy) and faint odor in fresh samples.

**DRILL STEM TEST #1 2931-2975'**
**Times: 45-45-60-60**

**Blow: Weak to fair**

**Recovery: 240' muddy water, trace of oil on top**

| **Pressures:** | | | |
|---|---|---|---|
| | **ISIP** | **656** | **psi** |
| | **FSIP** | **656** | **psi** |
| | **IFP** | **44-55** | **psi** |
| | **FFP** | **78-111** | **psi** |
| | **HSH** | **1428-1417** | **psi** |

LANSING SECTION

3066-3070' Limestone; white, fossiliferous in part, chalky, spotty brown stain, weak show of free oil and no odor in fresh samples.

3093-3100' Limestone; white, slightly fossiliferous, chalky, poor porosity, trace spotty golden brown stain, no show of free oil or odor in fresh samples.

3109-3118' Limestone; tan, highly fossiliferous, fair to poor porosity, trace dark brown to brown stain, trace of free oil and faint odor in fresh samples.

3129-3135' Limestone; white, oolitic, slightly chalky, trace dark brown stain, show of free oil and faint odor in fresh samples.

3152-3156' Limestone; gray to cream, oolitic, oocastic, fair oocastic porosity, no shows.

3161-3170' Limestone; tan, oocastic, fair oocastic porosity, no shows.

3196-3202' Limestone; gray to white, oolitic, few sub-oocastic, chalky in part, poor visible porosity, no shows.

3211-3219' Limestone; white to gray, finely crystalline, chalky in part, poor porosity, no shows.

3225-3237' Limestone; tan, oocastic, good oocastic porosity, barren, no shows.

3258-3264' Limestone; white, oolitic, chalky, black to brown stain, show of free oil and no odor in fresh samples.

3293-3300' Limestone; fossiliferous, poor scattered porosity, golden brown stain, trace of free oil and questionable odor in fresh samples.

**DRILL STEM TEST #2 3248-3310'**
**Times: 15-30-30-30**
**Blow: Surface blow died in 10 minutes**
**Recovery: 15' mud, trace of oil**

| **Pressures:** | | | |
|---|---|---|---|
| | **ISIP** | **965** | **psi** |
| | **FSIP** | **854** | **psi** |
| | **IFP** | **78-55** | **psi** |
| | **FFP** | **78-55** | **psi** |
| | **HSH** | **1660-1638** | **psi** |

CONGLOMERATE SECTION

3319-3330' Chert; yellow to gray, boney, trace sand, medium grained, with chert inclusions, trace black stain, no show of free oil or odor in fresh samples.

3330-3340' Chert and sand as above.

3340--3420' Varied colored; oolitic opaque chert all in matrix of varied colored shale, trace sand, very fine to medium grained, black (dead) stain, no show of free oil or odor in fresh samples.

**ROTARY TOTAL DEPTH** 3420 (-1588)
**LOG TOTAL DEPTH** 3420 (-1588)

RECOMMENDATIONS

On the basis of the negative drill stem tests and the low structural position and there being no other zones worthy of any further testing, it was recommended by all parties involved to plug and abandon the Beran #1-31 at the Rotary Total Depth 3420 (-1588).

Respectfully submitted,

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Petroleum Geologist