

**Dry and Abandoned**

**Contractor:** Discovery Drilling Company (Rig #2)  
**Commenced:** April 29, 2002  
**Completed:** May 5, 2002  
**Elevation:** 1914' K.B.; 1912' D.F.; 1906' G. L.  
**Casing Program:** Surface; 8 5/8" @ 523'  
Production; None  
**Samples:** Samples saved and examined 2600' to the Rotary Total Depth.  
**Drilling Time:** One (1) foot drilling time recorded and kept 2600' to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Formation Testing:** There were three (3) Drill Stem Tests ran by Arrow Testers.  
**Electric Log:** None

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	855	+1059
Topeka	2764	-850
Heebner	3078	-1164
Douglas	3101	-1187
Brown Lime	3154	-1240
Lansing	3162	-1248
Base Kansas City	3381	-1467
Conglomerate	3385	-1471
Arbuckle	3418	-1504
Rotary Total Depth	3431	-1517

(All tops and zone determinations are made from  
a correlation of Drilling Time Log and Sample Analysis.)

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

**TOPEKA SECTION**

3003-3014' Limestone; white to gray, sub oocastic, few fossiliferous, chalky, poor porosity, plus gray and white, fossiliferous, opaque chert.  
3029-3034' Limestone; gray, oolitic, oocastic, fair oocastic porosity, chalky, no shows.

**TORONTO SECTION**

3090-3094' Limestone; white and gray, chalky, no shows.



## CONGLOMERATE SECTION

3393-3404' Varied colored opaque chert; plus sand, white to gray, very fine grained, quartzitic, sub angular, fair sorting, black to brown stain, show of free and faint odor in fresh samples.

### Drill Stem Test #3 3366-3409'

Times: 20-20-20-20

Blow: 5' mud

#### Pressures:

ISIP	70	psi
FSIP	58	psi
IFP	47-47	psi
FFP	47-47	psi
HSH	1692-1692	psi

## ARBUCKLE SECTION

(Erosional) Dolomite; gray and white, slightly cherty, weathered, iron pyrite  
3410-3418' inclusions, trace edge stain.

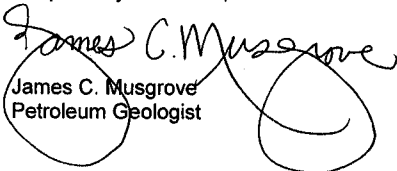
(Solid) Dolomite; gray and white, medium to coarse crystalline, fair to  
3418-3431' good intercrystalline to vuggy type porosity, black tarry stain,  
trace of free oil (dead) and faint odor in fresh samples.

### Rotary Total Depth 3431 (-1517)

#### Recommendations:

On the basis of the negative Drill Stem Tests and the low structural position it was recommended by all parties to plug and abandon the Skolant #1 at the Rotary Total Depth of 3431 (-1517).

Respectfully submitted,

  
James C. Musgrove  
Petroleum Geologist