### JAMES C. MUSGROVE

Petroleum Geologist
P.O. Box 1162
Great Bend, KS 67530

Office (316) 792-7716

Res. Claflin (316) 587-3444

Jandie Oil Company Kelli #2 'OWWO'

5' South & 5' W; SE-SW-SW; Section 30-21s-12w

Stafford County, Kansas

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API 15-185-118/2-00-01

325 FSL 985 FWL

# 5 1/2" Production Casing Set

Contractor:

Duke Drilling Company (Rig #8)

Commenced:

April 20, 2004

Completed:

April 22, 2004

Elevation:

1880' K.B.; 1878' D.F.; 1872' G. L.

Casing Program:

Surface; 8 5/8" @ 312'

Production; 5 1/2" @ 3721'

Samples:

Samples saved and examined 3660' to the Rotary Total Depth.

**Drilling Time:** 

One (1) foot drilling time recorded and kept 3660' to the Rotary

Total Depth.

Measurements:

All depths measured from the Kelly Bushing.

Formation Testing: None.

Electric Log:

By Log Tech; Dual Induction and Dual Compensated Porosity

Micro Log.

<u>Formation</u>	Log Depth	<u>Sub-Sea Datum</u>
Anhydrite	688	+1192
Heebner	3167	-1287
Toronto	3188	-1308
Douglas	3202	-1322
Brown Lime	3298	-1418
Lansing	3314	-1434
Base Kansas City	3538	-1658
Conglomerate	3546	-1666
Viola	3564	-1684
Simpson Shale	3603	-1723
Simpson Sand	3629	-1749
Arbuckle	3654	-1774
Rotary Total Depth	3870	-1990
Log Total Depth	3860	-1980

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

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

Remarks:

Old well information was Anshutz Drilling #2 Fischer, old Rotary

Total Depth 3665 (-1790), 'OWWO', TD 3660.

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# **ARBUCKLE SECTION**

3666-3676'	Dolomite; tan, beige, finely crystalline, sucrosic, scattered porosity, golden brown and dark brown stain and saturation, trace free oil and fair odor in fresh samples.
3690-3700'	Dolomite; tan and brown, fine to medium crystalline, few sucrosic, fair to good intercrystalline porosity, good brown to black stain, show of free oil and faint odor in fresh samples.
3700-3711'	Dolomite; gray and tan, finely oocastic, finely crystalline, good oocastic and vuggy type porosity, good stain and saturation, good show of free oil and good odor in fresh samples.
3711-3725'	Dolomite; as above.
3766-3780'	Dolomite; gray, medium coarse crystalline, oocastic, good oocastic, vuggy and intercrystalline porosity, dark brown and black stain, show of free oil and good odor in fresh samples.
3780-3800'	Dolomite; tan, cream, gray, medium to coarse crystalline, fair to good intercrystalline and vuggy type porosity, brown and golden brown stain, show of free oil and faint odor, trace white and gray chert.
3800-3812'	Dolomite; as above, plus sucrosic, dolomite, brown spotty stain, trace of free oil.
3812-3830'	Dolomite; as above, good porosity.
3840-3850'	Dolomite; gray, finely crystalline, sucrosic, fair to good intercrystalline to vuggy type porosity, brown and black to gray stain, trace of free oil.
3850-3870'	Dolomite; as above, finely oocastic, plus white and gray, boney chert.

Log Total Depth 3870 (-1990) Rotary Total Depth 3860 (-1980)

### Recommendations:

 $5\frac{1}{2}$ " production/disposal casing was set and cemented at 3721' (149 foot off bottom) and the following zones be tested in the Kelli #2:

Arbuckle
 Arbuckle
 Arbuckle
 Arbuckle
 3721-3870, disposal "open hole: completion methods 3667-3670 perforate

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3. Arbuckle 3656-3660 perforate
4. Conglomerate Sand 3546-3559 perforate

5. Lansing 3440-3445

Respectfully submitted;

James O Musgrove Retroleum Geologist