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10-29-03

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Coronado Oil & Gas
Janssen 'C' #4
SE-SW-SE; Section 2-18s-7w
Rice County, Kansas
Page No. 1

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Dry and Abandoned

- Contractor:** Vonfeldt Drilling Company
- Commenced:** October 10, 2003
- Completed:** October 15, 2003
- Elevation:** 1702' K.B.; 1700' D.F.; 1697' G. L.
- Casing Program:** Surface; 8 5/8" @ 235'
Production; none.
- Samples:** Samples saved and examined 2300' to the Rotary Total Depth.
- Drilling Time:** One (1) foot drilling time recorded and kept 2300' to the Rotary Total Depth.
- Measurements:** All depths measured from the Kelly Bushing.
- Formation Testing:** There were three (3) Drill Stem Test ran by Superior Testers Enterprises Inc.
- Electric Log:** by Log Tech; CNL/CDL, DIL, MEL

M L-81-20

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Heebner	2597	-895
Toronto	2616	-914
Douglas	2636	-934
Brown Lime	2716	-1014
Lansing	2757	-1055
'M' Zone	3093	-1391
Base Kansas City	3119	-1417
Marmaton	3125	-1423
Conglomerate	3179	-1477
Conglomerate Sand	3194	-1492
Conglomerate Chert	3208	-1506
Kinderhook Shale	3220	-1518
Misener Sand	3280	-1578
Rotary Total Depth	3285	-1583
Log Total Depth	3284	-1582

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

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

TOPEKA SECTION

2324-2596' There were several zones of well-developed porosity encountered through the Topeka Section but no show of oil and/or gas was noted (see sample log).

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TORONTO SECTION

2616-2636' Limestone; white and gray, slightly dolomitic, sucrosic in part, scattered porosity, no shows.

DOUGLAS SECTION

2638-2682' Sand; very fine grained, gray to light gray, sub angular, sub rounded, fair sorting, friable, fair intergranular porosity, micaceous in part, no shows.

LANSING SECTION

2757-2766' Limestone; tan, fossiliferous, chalky, increasingly cherty, dense, few medium crystalline.

2769-2786' Limestone; tan, oocastic, fair to good oocastic porosity, no shows.

2814-2820' Limestone; white, oolitic, sub oocastic, chalky, fair porosity, no shows.

2833-2846' Limestone; gray to white, fossiliferous (oolitic), oocastic, fair fossil cast and oocastic porosity, no shows.

2856-2880' Limestone; gray to tan, oolitic in part, oocastic, good oocastic porosity, no shows.

2880-2916' Limestone; as above.

2953-2960' Limestone; tan to gray, fossiliferous, slightly cherty, poor visible porosity, no shows.

2966-2980' Limestone; gray and tan, fine to medium crystalline, few fossiliferous, poor porosity, no shows.

2985-3000' Limestone; gray, white, oolitic/oocastic, fair to good oocastic porosity (barren).

3000-3020' Limestone; tan, fossiliferous, cherty in part, poorly developed porosity, no shows.

3028-3050' Limestone; tan and gray, fossiliferous/oolitic, chalky, dense, poor visible porosity.

3068-3086' Limestone; gray, fossiliferous, few medium crystalline, poorly developed porosity, chalky in part, no shows.

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'M' ODESSA SECTION

3093-3100' Limestone; tan, fossiliferous, scattered fossiliferous to vuggy and pinpoint type porosity, dark brown stain and saturation, show of free oil and questionable odor in fresh samples.

Drill Stem Test #1 3082-3108'

Times: 30-30-30-45
Blow: Weak, died in 15 minutes
Recovery: 30' oil specked mud
(1/2% oil, 99 1/2% mud)
fair show of free oil on top of tool
Pressures: ISIP 65 psi
FSIP 83 psi
IFP 34-37 psi
FFP 40-48 psi
HSH 1528-1475 PSI

MARMATON SECTION

3125-3160' Limestone; tan and yellow, maroon tinted, few fossiliferous, chalky increasingly cherty, plus varied colored shale streaks.

CONGLOMERATE SECTION

3194-3202' Sand; quartzitic, few feldspar inclusions, gray, very fine grained, sub angular, few sub rounded, fair sorting, friable, slightly shaley, light brown stain, show of free oil, fair to good streaming cut.

3208-3220' Sand; quartzitic, sub rounded, sub angular, medium to coarse grained, fair to good intergranular porosity, trace stain, trace free oil and questionable odor in fresh samples, plus trace white and red chert, trace brown edge staining.

Drill Stem Test #2 3175-3226'

Times: 30-45-45-60
Blow: Weak to fair
Recovery: 60' gas in pipe
90' very slightly oil cut gassy mud
(1% oil, 99% mud)
Pressures: ISIP 737 psi
FSIP 723 psi
IFP 49-62 psi
FFP 65-84 psi
HSH 1555-1553 PSI

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KINDERHOOK SECTION

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3220-3279' Abundant varied colored shale, trace sandy shale at base, no shows.

MISENER SAND SECTION

3280-3285' Sand; white and gray, medium to coarse grained, fair sorting, sub rounded, good sorting, spotty golden brown to light brown stain, fair show of free oil and questionable odor. Good streaming cut.

Drill Stem Test #3 3271-3285'

Times: 30-45-45-60

Blow: Weak

**Recovery: 6 inches clean oil
30' oil specked mud**

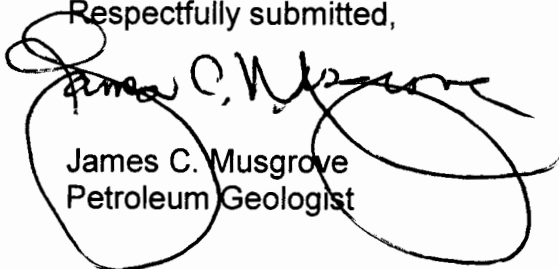
**Pressures: ISIP 1003 psi
FSIP 1003 psi
IFP 19-19 psi
FFP 39-39 psi
HSH 1588-1549 PSI**

**Rotary Total Depth 3285 (-1583)
Log Total Depth 3284 (-1582)**

Recommendations:

On the basis of the negative Drill Stem Test and Log Analysis it was recommended by all parties involved that the Janssen 'C' #4 be plugged and abandoned at the Rotary Total Depth 3285 (-1583).

Respectfully submitted,


James C. Musgrove
Petroleum Geologist