

15-159-22424

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Coronado Oil & Gas, Inc.
Behnke C #3
NW-NE-NE; Sec. 14-18s-7w
Rice County, Kansas
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KCCG
SEP 9 2004
CONFIDENTIAL

4 1/2 " Production Casing Set

Contractor: Vonfeldt Drilling Company

Commenced: July 15, 2004

Completed: July 22, 2004

Elevation: 1675' KB; 1673' D.F.; 1670' G.L.

Casing Program: Surface; 8 5/8" @ 220'
Production; 4 1/2" @ 3299'

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 Tests ran by Superior Testers Enterprises, Inc.

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

Gas Detector: None

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<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Depth</u>
Heebner	2562	-887
Toronto	2589	-914
Douglas	2600	-925
Brown Lime	2686	-1011
Lansing	2732	-1057
Odessa "M" Zone	3051	-1376
Base Kansas City	3078	-1403
Conglomerate Sand	3154	-1479
Kinderhook Shale	3158	-1483
Misener Sand	3196	-1521
Maquoketa	3259	-1584
Rotary Total Depth	3300	-1625
Log Total Depth	3300	-1625

(All tops and zones corrected to electric log measurements.)

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

TOPEKA SECTION

2470-2480'	Limestone, tan, gray, fossiliferous, oomoldic, scattered fossil cast and oomoldic porosity; no shows.
2486-2504'	Limestone, as above, oomoldic, good oomoldic porosity, plus white chalk.
2506-2516'	Limestone, tan and buff, fossiliferous in part, scattered porosity, trace white gray chert.
2520-2532'	Limestone, tan; buff, finely crystalline, granular in part, few sucrosic, fair intercrystalline to pin point porosity, no shows.

TORONTO SECTION

2589-2596'	Limestone, tan and gray, finely crystalline, few fossiliferous, slightly cherty, (dense).
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LANSING SECTION

2732-2737'	Limestone, tan and white, fossiliferous, slightly chalky, increasingly cherty, poorly developed porosity, no shows.
2743-2752'	Limestone, tan and brown to gray, fossiliferous, oomoldic, few oolitic, fair fossil cast and oomoldic porosity, (barren).
2766-2774'	Limestone, gray, fossiliferous, slightly cherty, (dense).
2782-2790'	Limestone, oolitic, fossiliferous, poor visible porosity, (dense).
2802-2814'	Limestone, tan, fossiliferous, sub oomoldic, scattered porosity, (barren).
2824-2840'	Limestone, gray, white, tan, oolitic, oomoldic, good oomoldic porosity, (barren).
2840-2850'	Limestone, as above; plus white chalk.
2850-2874'	Limestone, as above, good porosity.
2912-2918'	Limestone, white and gray, fossiliferous, chalky, trace gray sub oomoldic limestone, poorly developed porosity.
2952-2966'	Limestone, gray, tan, oolitic, chalky, few cherty, poor visible porosity, trace white, sub oomoldic, limestone, scattered porosity, no shows.
2992-3020'	Limestone, white, gray, fine to medium crystalline, trace gray boney chert.
3030-3040'	Limestone, dark gray, tan, oolitic, chalky in part, no shows.

ODESSA "M" ZONE

3052-3056' Limestone, tan, white, slightly fossiliferous, trace poor stain, poor show of free oil, and no odor, poor visible porosity.

DRILL STEM TEST #1 3037-3072'

Times:	30-30-30-45	
Recovery:	2' mud	
Pressures:	ISIP 51	psi
	FSIP 47	psi
	IFP 40-41	psi
	FFP 40-41	psi
	HSH 1535-1448	psi

3066-3070' Limestone, gray, fossiliferous, dense, poor visible porosity.

MARMATON SECTION

3086-3100' Limestone, tan and gray, finely crystalline, few fossiliferous, plus gray and white chert.

3102-3120' Limestone, granular, chalky.

CONGLOMERATE SECTION

3154-3157' Sand, tan and white, clear, sub rounded, sub angular, friable, fair intergranular porosity, trace spotty brown to golden brown stain, trace of free oil and no odor in fresh samples.

MISENER SECTION

3196-3220' Sand, white, clear, very fine to medium grained, few large quartz grains, sub rounded, few sub angular, fair to good sorting, friable, good stain and saturation, good show of free oil and fair odor in fresh samples.

DRILL STEM TEST #2 3198-3220'

Times:	30-45-45-60	
Blow:	Weak to strong	
Recovery:	850' gas in pipe	
	120' Muddy gassy oil, slightly water cut	
	(34% gas, 28% oil, 18% mud, 20% water)	
	40' Muddy gassy oil and water	
	(5% gas, 12% oil, 25% mud, 58% water)	
Pressures:	ISIP 995	psi
	FSIP 979	psi
	IFP 44-63	psi
	FFP 78-101	psi
	HSH 1610-1500	psi

3320-3230' Sand, as above, fair to good stain and saturation, fair show of free oil and fair odor, plus trace green shaley sand.

3230-3240' Sand, as above, very fine grained, fair porosity, fair stain, show of free oil and odor in fresh samples.

3240-3258' Sand, as above, plus green gray shaley sand.

MAQUOEKETA SECTION

3259-3280' Dolomite, gray, light gray, finely crystalline, slightly shaley, trace white chalk.

3280-3300' Dolomite, and dolomitic shale as above.

DRILL STEM TEST #3 3220-3330'

Times:	30-45-45-60
Blow:	Fair to strong
Recovery:	360' gas in pipe 120' Oil and gas cut muddy water (25% gas, 15% oil, 42% mud, 20% water) 120' Oil and gas cut muddy water (20% gas, 10% oil, 42% mud, 30% water) 180' Slightly oil and gas cut muddy water (15% gas, 5% oil, 30% mud, 40% water) 180' Very slightly oil and gas cut water (13% gas, 2% oil, 5% mud, 80% water) 240' Water, trace of oil.
Pressures:	ISIP 1136 psi ISIP 1131 psi IFP 93-243 psi FFP 253-413 psi HSH 1600-1550 psi

Rotary Total Depth 3300' (-1625)
Log Total Depth 3300' (-1625)

RECOMMENDATIONS:

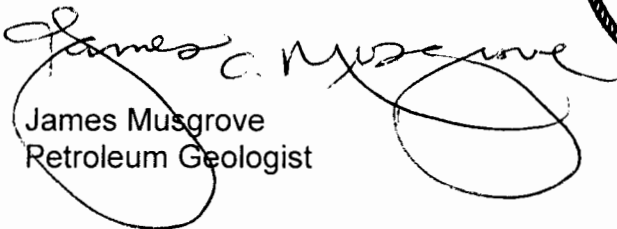
On the basis of the favorable Drill Stem Test result and positive log analysis, it was recommended by all parties involved that 4 ½" production casing be set and cemented at 3299' (one foot off bottom) and the following zones be tested in the Behnke C #3:

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|----|--------------|------------|
| 1. | Misener Sand | 3210-3216' |
| 2. | Misener Sand | 3196-3204' |

Before abandonment, the following zone should be perforated:

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| 1. | Conglomerate Sand | 3158-3164' |
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Respectfully Submitted:


James Musgrove
Retroleum Geologist

