

COMPANY & WELL

Coral Prod #26-2 Keller

ELEVATIONS

KB 1941'

LOCATION

330' FSL, 720' FWL, SW/4

SEC 26

TWSP 21s

RGE 14w

COUNTY

Stafford

STATE

Kansas

Tim J. Lauer

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY

Coral Production Corporation

LEASE

#26-2 Keller

FIELD

LOCATION

330' FSL, 720' FWL, SW/4

SEC 26

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Kansas

CONTRACTOR

Maverick Drilling Rig #108

SPUD

12-15-2011

COMP

12-22-2011

RTD

3794'

LTD

3794'

MUD UP

2825

TYPE MUD

Chemical

SAMPLES SAVED FROM

1000'

TO

RTD

DRILLING TIME KEPT FROM

1000'

TO

RTD

SAMPLES EXAMINED FROM

3100'

TO

RTD

GEOLOGICAL SUPERVISION FROM

3105' to RTD

GEOLOGIST ON WELL

Tim J. Lauer

ELEVATIONS

KB 1941'

DF

GL

1931'

Measurements Are All From

Kelly Bushing

CASING

CONDUCTOR

SURFACE

8-5/8" @ 884'

PRODUCTION

none

ELECTRICAL SURVEYS

Superior: MicroLog

(Engnr: Jason Cappellucci)

FORMATION TOPS

ELECTRIC LOG

SAMPLE LOG

Topeka

3002 (-1061)

3002 (-1061)

Heebner

3294 (-1353)

3293 (-1352)

Lansing

3423 (-1482)

3423 (-1482)

Base Ks. City

3649 (-1708)

3650 (-1709)

Viola

3705 (-1764)

3704 (-1763)

Simpson Shale

3742 (-1801)

3741 (-1800)

Arbuckle

3788 (-1847)

3788 (-1847)

Total Depth

3794 (-1853)

3794 (-1853)

26

21s

14w

26

21s

14w

26

21s

14w

REMARKS

Although the location showed structural advantage over nearby dry holes, negative DST results indicated the lack of any productive zones. The operator elected to plug and abandon the location without further testing.

Respectfully submitted,

Tim J. Lauer

12/22/2011

Log template modified from Timothy G. Pierce

LEGEND

Anhydrite

Sandstone

Limestone

Shale

Carb Sh

Cherty LS

Chert

Dolomite

LITHOLOGY

DRILLSTEM TESTS

DRILLING TIME IN MINUTES PER FOOT

Rate of Penetration Decreases

5

10

15

DEPTH

SHOWS

2900'

50'

3000'

50'

3100'

50'

3200'

50'

3300'

50'

3400'

50'

3500'

50'

3600'

50'

3700'

50'

3800'

50'

3900'

SAMPLE DESCRIPTION

2900'

How 2922 (-981)

3000'

Topk 3003 (-1062)

3100'

L-Brk 3112 (-1177)

3200'

Qn Hill 3192 (-1251)

3300'

Tor 3316 (-1375)

3400'

Br Lm 3412 (-1471)

3500'

Lans 3423 (-1482)

3600'

Cong 3697 (-1756)

3700'

Viola 3704 (-1763)

3800'

Simp 3741 (-1800)

3900'

Arb 3788 (-1847)

RTD 3794 (-1853)

LTD 3794 (-1853)

REMARKS

SPUD 6:45 PM 12-15-2011

RTD 8:30 PM 12-21-2011

"BIT RECORD"

1.) JZ QX21S (New)

Under Surface to 3580'

2.) JZ QX21S (Rerun)

3580' to 3794' RTD

"VERTICAL SURVEYS"

1' @ 885'

1/2" @ 3580'

1/2" @ 3800'

12-15-2011 - MIRT, RURT

Spud @ 6:45 PM

12-16-2011 - 7:00 AM

PTD @ 885'

Prep to set surface csg.

12-17-2011 - 7:00 AM

Drilg @ 1079'

12-18-2011 - 7:00 AM

Drilg @ 2453'

12-19-2011 - 7:00 AM

Drilg @ 3305'

12-20-2011 - 7:00 AM

PTD @ 3580'

Running DST (1)

12-21-2011 - 7:00 AM

PTD @ 3655'

Running DST (2)

12-22-2011 - 7:00 AM

PTD @ 3794'

Running DST (3)

12-23-2011 - 7:00 AM

RTD @ 3794'

Ran Superior OH MicroLog

Plg and Abdn Loc

Rig Check at 3030:

vis: 56 wt: 8.8 LCM: #4

Rig Check at 3103:

vis: 54 wt: 8.8 LCM: 2#

Geologist on location 3158'

10:30 AM 12-12-2011

Mud Check at 3324:

(After displace and init. mud-up)

vis: 52 wt: 9.2 Chlor: 3.000

LCM: 1.5# Ph: 10.0 WL: 8.2

(displace native fluid @ 2796')

Rig Check at 3350:

vis: 52 wt: 9.2 LCM: 1#

DST (1) 3560'-3580'

30-45-30-60

Blow: weak, built to 1/2" on IFP,

no blowback on ISIP

weak surface blow, died 6" on FFP,

no blowback on FSIP

5' SOCM

(0% gas, 0% oil, 95% mud, 0% wtr)

IHP: 1834 FFP: 16-14

IFP: 16-15 FSIP: 29"

ISIP: 38" FHP: 1759

Temp: 100°F

Chlorides MUD: 4,600 PPM

DST: NA

Rw = NA

*Note: both Shut-in curves building

Mud Check at 3580:

vis: 52 wt: 9.3 Chlor: 3.000

LCM: 1.5# Ph: 9.5 WL: 8.8

DST (2) 3580'-3655'

30-45-30-75

Blow: weak, built to 1/2" on IFP,

no blowback on ISIP

weak surface blow, died 8" on FFP,

no blowback on FSIP

1' Cln O

9' SOCM

(0% gas, 0% oil, 100% mud, 0% wtr)

IHP: 1794 FFP: 18-18

IFP: 15-17 FSIP: 43

ISIP: 38" FHP: 1753

Temp: 100°F

Chlorides MUD: 4,600 PPM

DST: NA

Rw = NA

*Note: final shut in period

ran 15' longer due to crew change

Mud Check at 3655:

vis: 46 wt: 9.4 Chlor: 4,000

LCM: 1# Ph: 9.0 WL: 9.2

DST (3) 3710'-3794'

30-45-45-60

Blow: good-strong, BOB in 19" on IFP,

no blowback on ISIP

good-strong, BOB in 20" on FFP,

no blowback on FSIP

102' WM

(0% gas, 0% oil, 90% mud, 10% wtr)

124' WM

(0% gas, 0% oil, 60% mud, 40% wtr)

124' MW

(0% gas, 0% oil, 100% mud, 90% wtr)

350' Tot. Fluid

IHP: 1898 FFP: 85-172

IFP: 19-81 FSIP: 1249

ISIP: 1249 FHP: 1875

Temp: 108°F

Chlorides MUD: 4,600 PPM

DST: 82,000 PPM

Rw = 0.216 Ohms @ 32°F

Mud Check at 3794:

vis: 52 wt: 9.4 Chlor: 4,600

LCM: 2# Ph: 8.5 WL: 8.8

RTD reached

8:30 PM 12/21/2011

COMPANY & WELL

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ELEVATIONS

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LOCATION

330' FSL, 720' FWL, SW/4

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RGE 14w

COUNTY

Stafford

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Kansas