09-11-17W

09-11S-17W
NE SW SW SW

CORA CARMICHAEL #2
625' FSL & 550' FWL
Section 9-11S-17W
Ellis County, Kansas
NE SW SW SW 15-051-25670
Elevation: 1902 Ground Level 1907 KB

8-2-07 Moved in A and A Drilling Rig #2. Rigged up. Spudded 12 1/4" Surface hole at 11:00 PM.

8-3-07 Drilling at 460'. Drilled to 1127'. Ran 8 Joints- 1123.46' -8 5/8"- 28# Surface Casing. Set at 1126'. Cemented with 450 sxs. Common Cement, 3% CC and 2% Gel. Plug down at 11:00 PM. Cement circulated.

8-4-07 Drilling under Surface at 7:00 AM- 7 7/8" Hole.

8-5-07 Drilling at 1900' at 7:00 AM.

8-6-07 Drilling at 2682' at 7:00 AM. Topeka- 2864'(-957), Heebner 3094' (-1187), Toronto 3115 (-1208), Lansing/Kansas City 3139' (-1232).

8-7-07 Coming out of the hole for DST #1- 3091' to 3155' .

DST #1- 3091' to 3155' (Toronto and "A" Aone)
(Actual depth corrected- 3084' to 3148')
15-30-5-2
1st opn.- weak blow dead in 10 min.
2nd opn.- no blow- flushed and no help
Recovered 5' Mud
IF- 10-15# FF- 14-15#
ISIP- 571# FSIP- NA

8-8-07 Drilling at 3100' at 7:00 AM.

DST #2- 3384' to 3417' (Conglomerate)
(Actual depth corrected- 3377' to 3410')
20-20-1-1
1st opn.- weak blow- dead in 3 minutes.
2nd opn.- no blow- flushed tool and no help.
Recovered 5 Mud with oil spots
IS- 20-21# FF- 18-19#
ISIP- 580# FSIP- NA

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8-9-07 On Bottom with DST #3- 3384' to 3480'. Arbuckle (3471' (-1564)

TOTAL
2,211.30

DST #3- 3384' to 3480 (Arbuckle Top)
(Actual depth corrected 3377' to 3473')
30-45-30-45
1st opn.- BOB in 10 min.
2nd opn.- BOB in 15 min.
Recovered- 124' HMCGassy Oil (10% G, 60% Oil, 30% Mud)
186' HMC Gassy Oil (10%G, 70% Oil, 20% Mud)
248' Clean Gassy Oil (10%G, 90% Oil)
IF- 25-149# FF- 148-246#
ISIP- 1100# FSIP- 1098#

Drilled to Rotary TD- 3575'. Ran Logs. Micro, Dual Induction, and Neutron/Density. Loggers TD- 3567'- 7' higher then Rotary TD.

Log Tops
(7' to 8' correction on all tops)

Topeka	2857' (-950)
Heebner	3087' (-1180)
Toronto	3108' (-1201)
Lansing/Kansas City	3131' (-1224)
Base of the LKC	3376' (-1469)
Arbuckle	3465' (-1558)

8-10-07 Ran 84 joints- 3573.29'- 5 ½"- 14# New Casing. Tagged bottom and circulated to bottom. Set 5 ½" Casing at 3567'. Conditioned the hole for 1 hour. Pumped 500 gal. WFR-2 Mud Flush and followed with 150 sx. Common Cement with 10% Salt. Plug down at 11:35 AM. Float Held. Plugged the Rat Hole with 15 sxs. Released the rig.

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CORA CARMICHAEL #2
625' FSL & 550' FWL
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Ellis County, Kansas

COMPLETION

8-17-07 L-K Wireline Ran Correlation/Bond Log. Loggers TD- 3519'. Bond Looks great.

8-21-07 Moved in Express Well Service Double Drum Derrick and rigged up. Swabbed the Casing down to 3010'. Perforated the Arbuckle from 3469' to 3473' with 4 shots per foot Expendables. Had about 100' fill up in 3 minutes. Pulled up to 2000' and set with the gun for about 10 minutes. Went back down and checked fluid- fluid at 2700'- 300' fillup in 10 to 15 minutes.

8-22-07 Put on Tubing Head and ran Sand Pump- Fluid appeared to be about 850' from the surface. 2600' fillup over night. First run the Sand Pump had mostly oil and not much fillup. 2nd run- Had a show of oil and mostly cement water and cement. 3rd run about the same as before with less fill up. Ran two more times and bottom is clean. Tubing will not be in till tomorrow. Shut down.

8-23-07 Ran 112 joints- 3479.59'- 2 3/8" Upset Tubing-(New) with 15' Mud Anchor and 1.1' Seating Nipple on bottom. Spaced 5' off bottom. Rigged up Swab. Fluid at 820' from the surface. 1st pull- 450' oil on top. We had 2650' fillup- we had left 500' water in the hole to perforate. 2150' fillup- 450' oil- 21% oil. Swabbed steady and got fluid down to 1950'- last test was 5.5% oil. Oil looks a little muddy but is cleaning up.- 54 Bbl. Back. Shut down for lunch. Shut down 45 minutes. Ran back in and fluid at 1400'- filled up 12 Bbl. In 45 minutes. Swabbed steady for 1 hour and 30 minutes. Got fluid to static out at 2050' each pull. Put on ½ hour test pulling steady- 13.88 Bbl., 5% oil. Shut down for a little while to drain swab tank. Swabbed steady for another 1 hour- 28.98 Bbl. 5% oil. Hitting fluid at 1950'. Shut down.

8-24-07 Pulled Tubing and Mud Anchor. Ran 15' Mud Anchor, 2 3/4 X 2 1/4" X 9' X 11' X 14' Barrel and 1 joint 2 7/8" Tubing with a 2 7/8" X 5 ½" Tubing Anchor and then 111 joints- 2 7/8" Upset Tubing- 3479.59'- Total with all 112 joints. Dropped Standing Valve and ran 2 1/4" X 48" Spray Metal Plunger on 20- 500'- 7/8" Rods, 79- 1975'- 3/4" Rods, and 40- 1000'- 7/8" Rods. Hooked up well head and tore down and moved off.

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-Mark Torr-

CARMICHAEL #2
525' FSL & 550' FWL
Section 9-11S-17W
Ellis County, Kansas

ELEVATION

1902 GL 1907 KB

We will plan on catching Tops from the Topeka on down. We will mud up around 2700'. We will start 1' Drilling Time and 10' Wet and Dry Samples at 2750'. I would estimate the Topeka Top to come in around 2825' to 2850', some place like that.

ESTIMATED TOPS

HEEBNER-	3069' (-1170)
LANSING/KANSAS CITY-	3144' (-1215)
ARBUCKLE-	3349' (-1450)

ZONES OF INTEREST

We want to look at the Toronto, "A" and "C" zones

The Producers to the east had tests 25' to 100' in the L-KC. This could be anywhere fr0om the "C" through the "G".

Below the "G", we would need to look at the "H" which had a test in one of the wells east.

"I", "J", and "K"- Look for decent show.

Conglomerate- This is productive in this area.

Arbuckle- 0 to 15' in- Also, we will look for a 2nd break in the Arbuckle and we will set pipe through any productive zones.

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