

Geological Report

Palmer Oil, Inc.

Brookover #4-6

780' FSL & 1070' FEL

Sec. 4, T25s, R32w

Finney County, Kansas



Palmer Oil, Inc.

General Data

Well Data:	Palmer Oil, Inc. Brookover #4-6 780' FSL & 1070' FEL Sec. 4, T25s, R32w Finney County, Kansas API # 15-055-22269-00-00
Drilling Contractor:	Duke Drilling Co. Rig #9
Geologist:	Kevin Timson
Spud Date:	April 23, 2014
Completion Date:	May 1, 2014
Elevation	2845' G.L. 2858' K.B.
Directions:	From Garden City, KS. Go South on Hwy 83 1 mile South of Southwind. Turn East on lease road and continue East 2 miles, North into.
Casing:	1701' 8 5/8" #24 Surface Casing
Samples:	3800' to RTD 10' Wet & Dry
Drilling Time:	3800' to RTD
Electric Logs:	Pioneer Energy Services "J. Henrickson" Stacked-Micro
Drillstem Tests:	One-Trilobite Testing "Corndog"
Problems:	None

Formation Tops

Brookover #4-6

Sec. 4, T25s, R32w

780' FSL & 1070' FEL

Anhydrite	1861' +997
Base	1929' +929
Heebner	3898' -1040
Lansing	3962' -1104
Stark	4310' -1452
Bkc	4447' -1589
Marmaton	4473' -1615
Pawnee	4553' -1695
Fort Scott	4586' -1728
Cherokee	4600' -1742
Morrow	4783' -1925
Miss	4861' -2003
RTD	5000' -2142
LTD	5001' -2143

Sample Zone Descriptions

Morrow

**(4783', -1925): Covered in DST #1
No sand!**

Drill Stem Tests
Trilobite Testing
“Corndog”

DST #1

Morrow

Interval (4774' - 4861') Anchor Length 87'

IHP -2341 #

IFP - 30" – ½" blow

20-25 #

ISI - 30" – No return

54 #

FFP - 30" – No blow

27-28 #

FSIP - 30" – No return

40 #

FHP - 2309 #

BHT - 115° F

Recovery: 5' Mud

Structural Comparison

Formation	Palmer Oil, Inc. Brookover #4-6 Sec. 4, T25s, R32w 780' FSL & 1070' FEL		EOG Resources Brookover #4-2 Sec. 4, T25s, R32w 1400' FSL & 330' FEL		EOG Resources Brookover #4-4 Sec 4, T25s, R32w 612' FSL & 2350' FEL
Heebner	3898' -1040	+1	3897' -1041	+2	3901' -1042
Lansing	3962' -1104	-1	3959' -1103	NA	NA
Stark	4310' -1452	FL	4308' -1452	NA	NA
BKC	4447' -1589	-2	4443' -1587	NA	NA
Marmaton	4473' -1615	-3	4468' -1612	NA	NA
Pawnee	4553' -1695	-2	4549' -1693	NA	NA
Fort Scott	4586' -1728	-4	4580' -1724	NA	NA
Cherokee	4600' -1742	-5	4593' -1737	-2	4599' -1740
Morrow	4783' -1925	+1	4782' -1926	-4	4780' -1921
Miss	4861' -2003	FL	4859' -2003	+20	4882' -2023

Summary

The location for the Brookover #4-6 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem test was conducted, which was negative. After all the gathered data had been examined, the decision was made to plug and abandon the Brookover #4-6 well.

Respectfully Submitted,

Kevin Timson
Palmer Oil, Inc.