

Geological Report

American Warrior, Inc.

O'Brate-Finney #7-5

952' FSL & 744' FWL

Sec. 5, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #7-5
952' FSL & 744' FWL
Sec. 5, T23s, R32w
Finney County, Kansas
API # 15-055-22393-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: March 3, 2015

Completion Date: March 12, 2015

Elevation 2853' G.L.
2864' K.B.

Directions: From Garden City, KS, go North on Hwy 83 5 miles to Six Mile Rd. Go East one mile to Third St. Go North 3/4 mile and East by tank batteries. North into location.

Casing: 1766' 8 5/8" #24 Surface Casing
4877' 5 1/2" #15.5 Production Casing

Samples: 4200' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

Electric Logs: Pioneer Energy Services "D. Kerr"
Stack-Mirco

Drillstem Tests: Two-Trilobite Testing "Corndog"

Problems: Rig got stuck for day and a half. Shut in tool was messed up on DST #2.

Formation Tops
O'Brate-Finney #7-5
Sec. 5, T23s, R32w
952' FSL & 744' FWL

| | |
|-------------------|--------------------|
| Anhydrite | 1916' +948 |
| Base | 1982' +882 |
| Heebner | 3835' -971 |
| Lansing | 3883' -1019 |
| Stark | 4213' -1349 |
| BKc | 4350' -1486 |
| Marmaton | 4379' -1515 |
| Pawnee | 4452' -1588 |
| Fort Scott | 4477' -1613 |
| Cherokee | 4494' -1630 |
| Morrow | 4663' -1799 |
| Miss | 4687' -1823 |
| RTD | 4900' -2036 |
| LTD | 4898' -2034 |

Sample Zone Descriptions

St. Louis **(4772', -1913):** **Covered in DST #2**

 Ls. Tan. Sub crystalline. Fair to good oomoldic and oolycastic porosity.
Fair stain and fair saturation in porosity. Show of free oil when broken. Fair odor. 80 Unit kick.

Drill Stem Tests
Trilobite Testing
“Cornellio Landa”

DST #1

Pawnee

Interval (4445' - 4474') Anchor Length 29'

IHP -2248 #

IFP - 30" – WSB 17-17 #

ISI - 30" – No Return 959 #

FFP - 30" – No blow 19-19 #

FSIP - 30" - No return 809 #

FHP - 2147 #

BHT - 112° F

Recovery: 5' Mud with trace oil

DST #2

St. Louis

Interval (4760' - 4780') Anchor Length 20'

IHP - 2398 #

IFP -45" - WSB built to BOB in 45 min 18-35 #

ISI -45" - WSB built to 1.25" 896 #

FFP - 45" - BOB in 3 min 45-56 #

FSIP - 45" - 7" return 482 #

FHP - 2369 #

BHT - 120° F

Recovery: 30' MCO & G (35% Oil)

94' MCG & O (75% Oil)

909' GIP

Structural Comparison

| | American Warrior, Inc. O'Brate-Finney #7-5 Sec. 5, T23s, R32w 952' FSL & 744' FWL | | American Warrior, Inc. O'Brate-Finney #4-5 Sec. 5, T23s, R32w 2662' FSL & 941' FWL | | American Warrior, Inc. O'Brate-Finney #1-5 Sec 5, T23s, R32w 742' FSL & 2310' FWL |
|------------------|--|-----|---|----|--|
| Formation | | | | | |
| Heebner | 3835' -971 | +13 | 3846' -984 | -2 | 3829' -969 |
| Lansing | 3883' -1019 | +13 | 3894' -1032 | -2 | 3877' -1017 |
| Stark | 4213' -1349 | +13 | 4224' -1362 | -3 | 4212' -1352 |
| BKC | 4350' -1486 | +16 | 4364' -1502 | -4 | 4350' -1490 |
| Marmaton | 4379' -1515 | +11 | 4388' -1526 | FL | 4375' -1515 |
| Pawnee | 4452' -1588 | +15 | 4465' -1603 | +1 | 4449' -1589 |
| Fort Scott | 4477' -1613 | +15 | 4490' -1628 | -1 | 4472' -1612 |
| Cherokee | 4494' -1630 | +16 | 4508' -1646 | +1 | 4491' -1631 |
| Morrow | 4663' -1799 | +13 | 4674' -1812 | -1 | 4658' -1798 |
| Miss | 4687' -1823 | +26 | 4712' -1849 | -6 | 4677' -1817 |

Summary

The location for the O'Brate-Finney #7-5 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, one of which did recover commercial quantities of oil from the St. Louis Limestone formation. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the O'Brate-Finney #7-5 well.

Perforations

| | | |
|---------------------------|--------------------|------------------------|
| Primary | St. Louis | (4768' - 4776') |
| Before Abandonment | Pawnee | (4461' - 4464') |
| | Lansing 'L' | (4320' - 4326') |

