

Geological Report

American Warrior, Inc.
O'Brate-Finney #2-36
597' FNL & 1828' FWL
Sec. 36, T25s, R31w
Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #2-36
597' FNL & 1828' FWL
Sec. 36, T25s, R31w
Finney County, Kansas
API # 15-055-22363-00-00

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: December 3, 2014

Completion Date: December 13, 2014

Elevation 2781' G.L.
2794' K.B.

Directions: From Pierceville, KS. Go South on Main Street 2 miles to Annie Scheer Rd. Go East ½ mile and South 1 miles and East into.

Casing: 1697' 8 5/8" #24 Surface Casing
3121' 5 1/2" #15.5 Production Casing

Samples: 3900' to RTD 10' Wet & Dry

Drilling Time: 4500' to RTD

Electric Logs: Pioneer Energy Services "J. Henrickson"
Stack Micro

Drillstem Tests: None

Problems: None

Formation Tops

O'Brate-Finney #2-36

Sec. 36, T25s, R31w

597' FSL & 1828' FWL

Anhydrite	1814' +980
Base	1891' +903
Chase	2575' +219
Krider	2608' +186
Winfield	2664' +130
Towanda	2721' +73
Fort Riley	2773' +21
Council Grove	2836' -42
Heebner	3967' -1173
Lansing	4012' -1218
Stark	4382' -1588
Bkc	4525' -1731
Marmaton	4548' -1754
Pawnee	4620' -1826
Fort Scott	4648' -1854
Cherokee	4657' -1863
Morrow	4804' -2010
Miss	4822' -2028
RTD	5000' -2206
LTD	5004' -2210

Structural Comparison

	American Warrior, Inc. O'Brate-Finney #2-36 Sec. 36, T25s, R31w 597' FNL & 1828' FWL		American Warrior, Inc. Beach #1-35 Sec. 35, T25s, R31w 2445' FNL & 2620' FEL		American Warrior, Inc. O'Brate-Finney #1-25 Sec 25, T25s, R31w 141' FSL & 1876' FEL
Formation	3967' -1173				
Heebner	4012' -1218	-2	3990' -1171	-1	3954' -1172
Lansing	4382' -1588	-2	4035' -1216	-1	4001' -1219
Stark	4525' -1731	-5	4402' -1583	+4	4374' -1592
BKC	4548' -1754	NA	4533' -1714	-5	4508' -1726
Marmaton	4620' -1826	NA	4555' -1736	-3	4533' -1751
Pawnee	4648' -1854	-13	4632' -1813	-5	4603' -1821
Fort Scott	4657' -1863	-15	4658' -1839	-6	4630' -1848
Cherokee	4804' -2010	-11	4672' -1852	-5	4640' -1858
Morrow	4822' -2028	-7	4822' -2003	-8	4784' -2002
Miss		-21	4826' -2007	-5	4815' -2033

Summary

The location for the O'Brate-Finney #2-36 well was found via 3-D seismic survey. The new well ran structurally as expected. No drill stem tests were conducted, due to lack of shows. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing for shallow gas production.

Perfs

Primary:	Krider	(2610' - 2614')
Secondary:	Krider	(2644' - 2648')
	Council Grove	(2901' - 2906')
	Council Grove	(2941' - 2945')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

