

05-155-20W
NE SW SW NW

Geological Report

Smoky Hill West #1
2084' FNL & 550' FWL
Sec. 5 T15S R20W
Ellis County, Kansas
15-051-25698

5-15-2005

Hard Rock Consulting, Inc.
Jason Alm Petroleum Geologist

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Gnad Oil, LLC

General Data

Well Data: Gnad Oil, LLC
Smoky Hill West #1
2084' FNL & 550' FWL
Sec. 5 T15S R20W
Ellis County, Kansas
API # 15-051-25698-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #3

Spud Date: October 20, 2007

Completion Date: October 26, 2007

Elevation: 2012' Ground Level
2020' Kelly Bushing

Directions: Ellis Kansas, south to Smoky Hill River, just south
of river west one mile, north into location.

Casing: 1149' 8 5/8" surface casing

Samples: 10' wet and dry, 3200' to RTD

Drilling Time: 3000' to RTD

Electric Logs: Wedge-Log Tech, "Tim Martin"
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing Inc. "Brian Fairbank"

Problems: Misrun DST #1, Packer Failure

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Sample Zone Descriptions

- LKc E-zone** (3438', -1418):
Ls – Fine crystalline, fossil oolites with poor oolitic porosity, slight oil stain in porosity, no show of free oil, very light odor, "tite".
- LKc H-zone** (3380', -1247):
Ls – Fine to micro-crystalline, fossil oolites with very poor oomoldic porosity, slight spotted oil stain with no visual saturation, no show of free oil, no odor.
- Marmaton** (3697', -1677):
Ls – Sl. Dolo – Fine crystalline, heavy white to tan chert with good etching, **fair show of free oil**, light odor, covered in DST.

Drill Stem Tests Trilobite Testing Inc. "Brian Fairbank"

DST #1 Marmaton
Interval (3701' – 3720') Anchor Length 19'
Misrun, Packer Failure

DST #2 Marmaton
Interval (3686' – 3720') Anchor Length 34'
IHP – 1815 #
IFP – 45" – 4½ inches 16-39 #
ISI – 45" – Dead 1193 #
FFP – 45" – 2½ inches 42-54 #
FSI – 45" – Dead 1169 #
FHP – 1767 #
BHT – 116°F

Recovery: 10' Gassy Oil 90% Oil 5% Gas 5% Mud
 65' VSO&WCM 5% Oil 5% Water 90% Mud
 Gravity: 29° API
 Chlorides: 11,000 ppm 2,000 ppm / system

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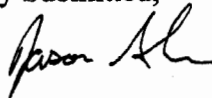
Structural Comparison

	Gnad Oil, LLC Smoky Hill West #1 Sec. 5 T15S R20W 2084' FNL & 550' FWL	Rains & Williamson Oil Honas #1 Sec. 5 T15S R20W NE SE NE	Bankoff Oil Company Bollig #1 Sec. 5 T15S R20W NW NW NW
Formation			
Anhydrite	1319', +701	1338', +732	1333', +690
Base	1363', +657	1383', +687	NA
Topeka	3054', -1034	3081', -1011	NA
Heebner	3326', -1306	3354', -1284	3352', -1329
Toronto	3349', -1329	3376', -1306	3372', -1349
Lansing	3366', -1346	3394', -1324	3393', -1370
BKc	3608', -1588	3643', -1573	NA
Marmaton	3697', -1677	3722', -1652	3725', -1702
Cherokee	3735', -1715	NA	3769', -1746
Conglomerate	3744', -1724	3766', -1696	NA
Arbuckle	3784', -1764	3804', -1734	3818', -1795

Summary

The location for the Smoky Hill West #1 was found via 3-D seismic survey. The well ran structurally as expected according to the survey. A drill stem test was conducted over the Marmaton Formation recovering non-commercial amounts of oil. The main pay-zone the Cherokee Sand was not encountered. Electric Logs along were run condemning all other possible pay-zones. After all gathered data had been thoroughly analyzed the decision was made to plug and abandon the Smoky Hill West #1 well.

Respectfully Submitted,



Jason Alm
Hard Rock Consulting, Inc.

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