

JOHN O. FARMER, INC.

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Distribution:

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Mudd #2

1280' FNL & 1170' FWL (Big Canyons 3D)

Sec. 27-12S-15W

Russell County, Kansas

1,816 'G.L.

1,824 'K.B.

Drilling Contractor:

Discovery Drilling - Rig #2

Cell. 785-635-1412

Toolpusher - Dave Dreiling

Geologist - Brad Hutchison

Cell 785-483-0492

Office 785-483-5783

API #15-167-23411-0000

TIGHT HOLE - DO NOT RELEASE INFORMATION

2/18/2007

MIRU, Spud 12 1/4" @ 6:15 pm, drill 533', ran 13 Joints new 8 5/8" (522.19'), set @ 532.19', cemented by Quality Well w/ 240 sx Common, 2% gel 3% CC; cement did circulate. Completed @ 11:30 AM

2/19/2007

486', drilling

2/20/2007

1,407', drilling

2/21/2007

2330', drilling

2/22/2007

3050', drilling

2/23/2007

3364', running DST #1

DST #1- 3,260'-3,294' (Arbuckle)

IF: Surface build to 3 1/2", no blow back

FF: weak building to 2", no blow on shut in

REC: 30' Muddy Oil (22% Mud, 78% Oil)

60' Oil Cut Mud (10% Oil 90% Mud)

60' Oil Cut Muddy Water (10% O, 40% M, 50% W)

60' OCMW (4% O, 10% M, 86% W)

120' Water (Chl. 23,000)

330' Total Fluid Recovery

FP: 44-81#, 103-168#

SIP: 1043#- 1069#

HP: 1,612-1,552#

BHT: 107° F

Ran 80 jts of new 5 1/2"- 14# STC Casing, set at 3,362', Insert at 3,343'. Pumped 500 gal. Mud Flush & KCL. Cemented w/150 sx Common Cement w/10% salt. 800# Pumping pressure, 1,200# to land plug. Good circulation at all times. Plug down at 11 PM. Released Rig.

FINAL REPORT

	JOF Mudd #1 1450' FNL & 2700' FEL 1849 KB		Estim. from 3D Seismic	JOHN O. FARMER, INC. Mudd #2 1824 Sample E-Log			
Anhydrite	916	933		885	939	882	942
Topoka	2747	-898		2721	-897	2743	-919
Heebner	2968	-1119	-1120	2942	-1118	2938	-1114
Toronto	2986	-1137		2961	-1137	2959	-1135
Lansing	3020	-1171		2993	-1169	2991	-1167
Stark Sh	3213	-1364				3188	-1364
B/KC	3264	-1415				3236	-1412
Arbuckle	3283	-1434	-1438	3274	-1450	3272	-1448
RTD				3365	-1541		
LTD	3362	-1513				3364	-1540