



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: John O. Farmer, Inc. Lic# 5135 Contractor: Discovery Drilling Co., Inc. LIC#31548
370 West Wichita Avenue-P.O. Box 352 PO Box 763
Russell, KS 67665 Hays, KS 67601

Lease: Gage # 1 Location: 695 FSL - 690 FEL
SE/NW/SE/SE
Section 1/ 15S/ 14W
Russell County, KS

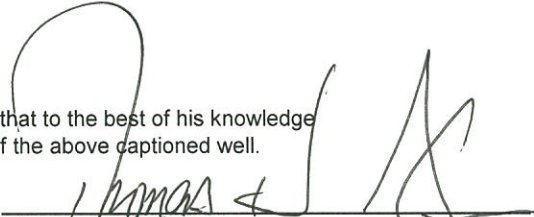
Loggers Total Depth: 3400' API#15- 167-23,930-00-00
Rotary Total Depth: 3400' Elevation: 1862 GL - 1870 KB
Commenced: 12/18/2013 Completed: 1/10/2014
Casing: 8 5/8" @ 468'W/200sks Status: Oilwell
5 1/2" @ 3397'W/130sks

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>888'</u>
Dakota Sand	<u>301'</u>	Shale & Lime	<u>1554'</u>
Shale	<u>342'</u>	Shale	<u>1915'</u>
Cedar Hill Sand	<u>616'</u>	Shale & Lime	<u>2237'</u>
Red Bed Shale	<u>748'</u>	Lime & Shale	<u>3016'</u>
Anhydrite	<u>856'</u>	RTD	<u>3400'</u>
Base Anhydrite	<u>888'</u>		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.


Thomas H. Alm

Subscribed and sworn to before me on 1-14-14

My Commission expires: 8-9-15

(Place stamp or seal below)


Notary Public

