



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 Wcihita Avenue - P. O. Box 352 PO Box 763
Russell, KS 67665 Hays, KS 67601

Lease: Johnson "D" # 1 Location: 2470 FSL - 1145 FWL
NE/NE/NW/SW
Section 35/ 13S/ 15W
Russell County, KS

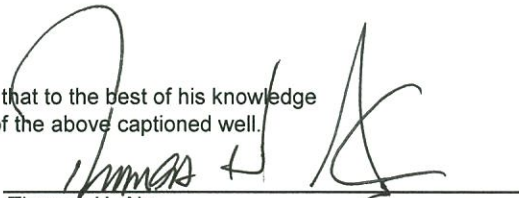
Loggers Total Depth: 3400' API#15- 167-23,977-00-00
Rotary Total Depth: 3400' Elevation: 1895 GL - 1903 KB
Commenced: 6/18/2014 Completed: 6/25/2014
Casing: 8 5/8" @ 515'W/225sks Status: D & A

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>989'</u>
Dakota Sand	<u>376'</u>	Shale & Lime	<u>1585'</u>
Shale	<u>448'</u>	Shale	<u>2016'</u>
Cedar Hill Sand	<u>481'</u>	Shale & Lime	<u>2539'</u>
Red Bed Shale	<u>646'</u>	Lime & Shale	<u>2990'</u>
Anhydrite	<u>952'</u>	RTD	<u>3400'</u>
Base Anhydrite	<u>989'</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 6-30-14

My Commission expires: 8-9-15

(Place stamp or seal below)


Notary Public

