



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 67665-2635 Hays, KS 67601

Lease: Patterson "C" # 1 Location: 330 FNL - 1160 FEL
W/2-NW-NE-NE
Section 35/ 13S/ 15W
Russell County, KS

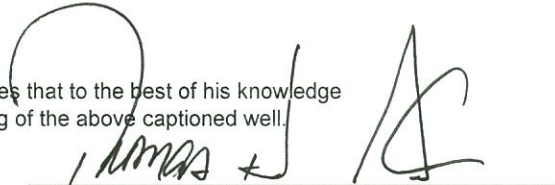
Loggers Total Depth: 3380' API#15- 167-23,978-00-00
Rotary Total Depth: 3380' Elevation: 1884 GL - 1892 KB
Commenced: ~~7/14/2014~~ 6/27/14 Completed: ~~6/27/2014~~ 7/3/14
Casing: 8 5/8" @ 515'W/250sks Status: Oilwell
5 1/2" @ 3378'W/130sks

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>975'</u>
Dakota Sand	<u>343'</u>	Shale & Lime	<u>1588'</u>
Shale	<u>433'</u>	Shale	<u>2036'</u>
Cedar Hill Sand	<u>460'</u>	Shale & Lime	<u>2385'</u>
Red Bed Shale	<u>612'</u>	Lime & Shale	<u>2967'</u>
Anhydrite	<u>937'</u>	RTD	<u>3380'</u>
Base Anhydrite	<u>975'</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 7-14-14

My Commission expires: 8-9-15

(Place stamp or seal below) 
Notary Public

