



**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: Leas # 1

Location: 375 FNL - 2160 FWL

SW/NE/NE/NW

Section 33/ 13S/ 15W

Russell County, KS

Loggers Total Depth: 3410'

API#15- 167-24,0006-00-00

Rotary Total Depth: 3410'

Elevation: 1909 GL - 1917 KB

Commenced: 9/29/2014

Completed: 10/6/2014

Casing: 8 5/8' @ 515'W/250sks

Status: D & A

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>1005'</u>
Dakota Sand	<u>391'</u>	Shale & Lime	<u>1559'</u>
Shale	<u>478'</u>	Shale	<u>2028'</u>
Cedar Hill Sand	<u>540'</u>	Shale & Lime	<u>2427'</u>
Red Bed Shale	<u>711'</u>	Lime & Shale	<u>3036'</u>
Anhydrite	<u>969'</u>	RTD	<u>3410'</u>
Base Anhydrite	<u>1005'</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 10-13-14

My Commission expires: 8-9-15

(Place stamp or seal below)

Glenna S. Alm
 Notary Public

