



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: Radke # 1 Location: 330 FSL - 1600 FWL
W2/SWSE/SW
Section 28/ 15S/ 14W
Russell County, KS

Loggers Total Depth: 3410' API#15- 167-24,062-00-00
 Rotary Total Depth: 3410' Elevation: 1867 GL - 1875 KB
 Commenced: 5/22/2017 Completed: 5/29/2017
 Casing: 8 5/8" @ 431'W/190sks Status: D & A
 KCC Contact: Chris Neeley
 Plugging Info: (1st Plug @ 3332'W/50sks)(2nd Plug @ 900'W/50sks)
(3rd Plug @ 490'W/100sks)(4th Plug @ 40'W/10sks)
(30sks In Rat Hole)(15sks In Mouse Hole)(Total 255sks
60/40Poz 4%Gel-1/4# FS/sk-By Quality Oilwell)
(Completed @ 2:00AM 5/29/2017)

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>915'</u>
Dakota Sand	<u>289'</u>	Shale & Lime	<u>1595'</u>
Shale	<u>351'</u>	Shale	<u>1880'</u>
Cedar Hill Sand	<u>371'</u>	Shale & Lime	<u>2187'</u>
Red Bed Shale	<u>523'</u>	Lime & Shale	<u>3035'</u>
Anhydrite	<u>886'</u>	RTD	<u>3410'</u>
Base Anhydrite	<u>915'</u>		

STATE OF KANSAS)
) ss
 COUNTY OF ELLIS)

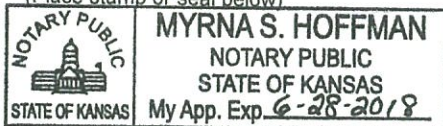
Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm

Subscribed and sworn to before me on 5-31-2017

My Commission expires: 6-28-2018

(Place stamp or seal below)



Notary Public