



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: Schroeder Unit # 1 Location: 165 FNL - 2135 FWL
NW/NE/NE/NW
Section 14/ 6S/ 33W
Thomas County, KS

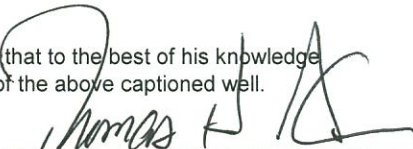
Loggers Total Depth: 4600' API#15- 193-20,965-00-00
Rotary Total Depth: 4600' Elevation: 3088 GL - 3096 KB
Commenced: 6/30/2016 Completed: 7/12/2016
Casing: 8 5/8" @ 263.26'W/170sks Status: Oilwell
5 1/2" @ 4595'W/200sks
D V Tool @ 2699'W/305sks

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>2738'</u>
Dakota Sand	<u>1461'</u>	Shale & Lime	<u>3045'</u>
Shale	<u>1651'</u>	Shale	<u>3217'</u>
Cedar Hill Sand	<u>1991'</u>	Shale & Lime	<u>3593'</u>
Red Bed Shale	<u>2157'</u>	Lime & Shale	<u>3945'</u>
Anhydrite	<u>2700'</u>	RTD	<u>4600'</u>
Base Anhydrite	<u>2738'</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 7-19-2016

My Commission expires: 6-28-2018

(Place stamp or seal below)



Notary Public

