



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 + 0352 Hays, KS 67601

Lease: Reif # 1 Location: 882 FSL - 1968 FWL
SE/NW/SE/SW
Section 13/ 16S/ 14W
Barton County, KS

Loggers Total Depth: 3438' API#15- 009-26,270-00-00
Rotary Total Depth: 3438' Elevation: 1930 GL - 1935 KB
Commenced: 9/12/2019 Completed: 9/20/2019
Casing: 8 5/8" @ 472'W/225sks Status: D & A
KCC Contact: Case Morris
Plugging Info: (1st Plug @ 3361'W/50sks)(2nd Plug @ 950'W/50sks)
(3rd Plug @ 525'W/80sks)(4th Plug @ 40'W/10sks)
(30sks In Rat Hole)(15sks In Mouse Hole)(Total 235sks
60/40Poz 4%Gel-1/4#FS/sk-By Quality Oilwell)
(Completed @ 7:00AM 9/20-2019)

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>923'</u>
Dakota Sand	<u>294'</u>	Shale & Lime	<u>1573'</u>
Shale	<u>395'</u>	Shale	<u>1876'</u>
Cedar Hill Sand	<u>445'</u>	Shale & Lime	<u>2452'</u>
Red Bed Shale	<u>589'</u>	Lime & Shale	<u>3083'</u>
Anhydrite	<u>895'</u>	RTD	<u>3438'</u>
Base Anhydrite	<u>923'</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 9-25-19

My Commission expires: 6-28-2022

(Place stamp or seal below)

Notary Public

