



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: Potter "K" # 1 Location: 1570 FNL - 330 FWL
N/2-NW/SW/NW
Section 25/ 17S/ 25W
Ness County, KS

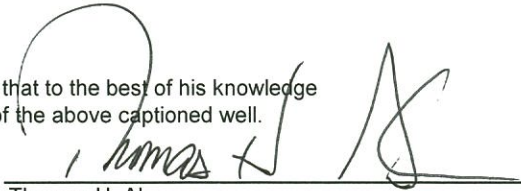
Loggers Total Depth: 4510' API#15- 135-25,665-00-00
Rotary Total Depth: 4510' Elevation: 2484 GL - 2492 KB
Commenced: 9/18/2013 Completed: 9/26/2013
Casing: 8 5/8" @ 219.52'W/150sks Status: Oilwell
5 1/2" @ 4506.39'W/125sks
(Port Collar @ 1744')

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>1765'</u>
Dakota Sand	<u>959'</u>	Shale & Lime	<u>2422'</u>
Shale	<u>1001'</u>	Shale	<u>2775'</u>
Cedar Hill Sand	<u>1231'</u>	Shale & Lime	<u>3333'</u>
Red Bed Shale	<u>1449'</u>	Lime & Shale	<u>3943'</u>
Anhydrite	<u>1735'</u>	RTD	<u>4510'</u>
Base Anhydrite	<u>1765'</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 9-27-13

My Commission expires: 8-9-15

(Place stamp or seal below)


Notary Public

