

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
 LEASE Medicine River Ranch 'F' #1
 FIELD Landis
 LOCATION 2200' FSL & 880' FWL
 SEC 14 TWPSP 34S RGE 11W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling Rig #1
 SPUD 10-29-2012 COMP 11-06-2012
 RTD 5025 LTD 5027
 MUD UP 2847 TYPE MUD Chemical
 SAMPLES SAVED FROM 4000 TO RTD
 DRILLING TIME KEPT FROM 4000 TO RTD
 SAMPLES EXAMINED FROM 4000 TO RTD
 GEOLOGICAL SUPERVISION FROM 3850 to RTD
 GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1379'
 DF _____
 GL 1369'
 Measurements Are All
 From Kelly Bushing

CASING

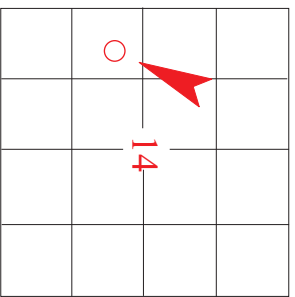
CONDUCTOR _____
 SURFACE 8-5/8" at 256'
 PRODUCTION 5-1/2" at 5017'

ELECTRICAL SURVEYS

DIL / CN-CD
Pioneer

FORMATION TOPS

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Sh.	3659 (-2280)	NA
Latan LS.	4102 (-2723)	4100 (-2721)
Stark Sh.	4342 (-2963)	4339 (-2960)
Cherokee Sh.	4562 (-3183)	4562 (-3183)
Mississippi	4633 (-3254)	4626 (-3247)
Chattanooga Sh.	4895 (-3516)	4895 (-3516)
Viola	4954 (-3575)	4951 (-3572)


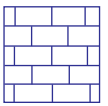



API # 15-007-23,962

REMARKS Samples and electric logs indicate a productive zone in the top of the Mississippi from 4640-4710.
Two drill stem tests were run covering shows encountered in the basal portion of the Mississippi, these zones should be tested further for potential production.
A slight show was noted in the Hertha LS at 4388-4392, this zone should be considered before abandonment.
No other zones of interest were indicated by samples or electric logs.

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LEGEND

							
Anhydrite	Sandstone	Limestone	Shale	Carb Sh	Cherty LS	Chert	Dolomite

DRILLING TIME IN MINUTES PER FOOT	DEPTH	LITHOLOG	GAS SCALE	SAMPLE DESCRIPTION	REMARKS
Rate of Penetration Decreases 