

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY **Murkin Drilling Co. Inc.**

LEASE **Solko Trust #1-25**

FIELD **Widewater**

LOCATION **1400' Int & 1650' Int**

SEC **25** TWP **4S** RGE **31W**

COUNTY **Rawlins** STATE **Kansas**

CONTRACTOR **Murkin Drilling Co. Rig #2**

SPUD **3/14/2014** COMP **3/22/2014**

RTD **4/5/17** LTD **4/5/19**

MUD UP **3/4/07** TYPE MUD **chemical**

SAMPLES SAVED FROM **3630 TO 4517**

DRILLING TIME KEPT FROM **3628 TO 4517**

SAMPLES EXAMINED FROM **3630 TO 4517**

GEOLOGICAL SUPERVISION FROM **3628**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMATION TOPS

ANHYDRITE **2629 (+244)**

TOPEKA **3704 (-831)**

HEEBNER **3872 (-998)**

TORONTO **3922 (-1049)**

LANSING **4088 (-1213)**

BKC **4134 (-1257)**

PAWNEE **4247 (-1370)**

CHEROKEE SHALE **4332 (-1458)**

MISSISSIPPIAN **4449 (-1574)**

ELEVATIONS

KB **2873**

DF

GL **2862**

Measurements Are All From **Kelly Bushing**

CASING

CONDUCTOR

SURFACE **8.58" at 225'**

PRODUCTION **1.2" @ 4517'**

ELECTRICAL SURVEYS

Newton Dennis/Fieldhouse/Metromagnetics

Phoenix Weather Services



FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	2629 (+244)	2630 (+243)
Topeka	3704 (-831)	3704 (-831)
Heebner	3872 (-998)	3871 (-998)
Toronto	3922 (-1049)	3919 (-1046)
Lansing	4088 (-1213)	4083 (-1210)
BKC	4134 (-1257)	4130 (-1257)
Pawnee	4247 (-1374)	4243 (-1370)
Cherokee Shale	4332 (-1459)	4331 (-1458)
Mississippian	4449 (-1576)	4447 (-1574)

REMARKS:

