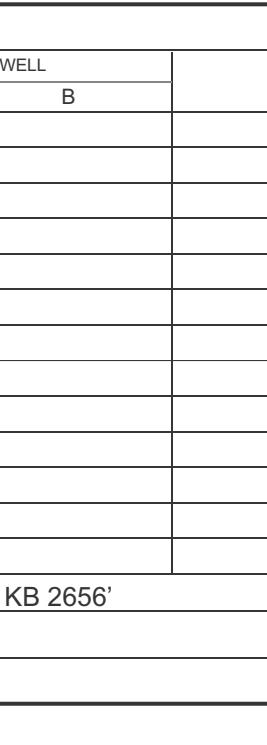


GEOLOGICAL REPORT

Larry A. Nicholson

NAD 83
38.9872721
-100.717897



COMPANY & WELL		Murfin Drilling Lundgren 'B' #1-36	
		API #	FIELD Lundgren
LEASE		Lundgren 'B'	
LOCATION		N2 SE NW NW	
SECTION		36	
COUNTY		Gove	
STATE		Ks	
RGE		30W	
TWP		14S	
CITY			
COUNTRY		USA	
SURVEY		930' FNL 990' FWL	
SECTION		36 - TWP 14S RGE E 30W	
CITY			
COUNTRY		USA	
CONTRACTOR		Murfin Drilling Company, Inc # 21	
SPUD		9:15 am 10-28-14	
RTD		4445' 3:00pm 11-5-14 LTD 4443	
MUD UP AT		3217	
MUD TYPE		Chemical, Morgan Mud	
SAMPLES SAVED			
DRILLING TIME			
SAMPLES EXAMINED			
GEOLOGICAL SUPERVISION			
WELLSITE GEOLOGIST		LARRY A. NICHOLSON	
ELECTRICAL SURVEYS Pioneer, Den, Neu, Dual, Micro, Sonic			
FORMATION TOPS & STRUCTURAL POSITION			
FORMATION	SAMPLE TOPS	SUBSEA DATUM	ELEC LOC TOPS SUBSEA DATUM
Anhydrite	2080	+587	2080 +587
B/Anhydrite	2106	+561	2106 +564
Topeka	3456	-789	3456 -789
Heeber Sh	3678	-1011	3678 -1011
Lansing	3714	-1047	3714 -1047
Stark Sh	3962	-1295	3962 -1295
Pawnee	4163	-1496	4163 -1496
Fort Scott Ls	4223	-1556	4223 -1556
Johnson Zone	4296	-1629	4296 -1629
Miss	4320	-1653	4320 -1653
Miss Dol	4356	-1689	4356 -1689
RTD	4445	-1778	4445 -1778
LTD	4443	-1776	4443 -1776
REFERENCE WELLS	A: Beren Corporation Coberly #1-B", SW NE NE, Sec 36 T14S R30W KB 2656'		
B:			

REMARKS & RECOMMENDATIONS:

Based on dmt results and sample shows csg was run

*NOTE Log curves were 3 feet shallow to the driller's depth

GeoReport has been shifted up 3 feet to match electric log..

LAN 792, Modified 5/05, 11/11, 4/12 Hanover, KS 66945 1inch = 25.4mm 8.5 x 75.5 216 mm x 2460 mm

LEGEND

Limestone	Ool	Dolomite	Chert	Shale	Carbonaceous Shale	Salt	Sandstone	Anhydrite

