

GEOLOGIC REPORT
LOC

MURFIN DRILLING CO.
HOBBS # 3-2
SALINE VALLEY
FIELD

1981 FSL, 1988 FWL
LOCATION
SECTION 2 T11S R24W
COUNTY TREGO
STATE KANSAS

MORGAN MUD INC.
MURFIN DRILLING CO. RIG # 24
COMMENCED 4 APRIL 2014
OPERATED 16 APRIL 2014
CLOSING RECORD

4025
FORMATION TOPS & STRUCTURAL POSITION

FORMATION	SURFACE TOP	ELECTRIC LOG TOP	SURF-GEN. DRUM	STRUCTURAL POSITION
ANHYDRITE - TDP	1920	1918	4399	0
ANHYDRITE - BASE	1945	1942	4399	-4
TOPEKA	3421	3418	-1107	-3
DEER CREEK	3481	3478	-1107	-4
LECOMPTON	3547	3544	-1233	-4
DREAD	3589	3586	-1275	-8
HEEBNER	3642	3640	-1329	-6
TORONTO	3663	3660	-1349	-7
LANSING	3679	3677	-1366	-7
STARK	3870	3866	-1555	-8
MARMATON	3956	3953	-1642	-7
TOTAL DEPTH	4025	4022	-1711	-19

DRILL SIEVE TESTS

NO.	DEPTH	SYNOPSIS	PERCENT	REMARKS
1	3698 - 3735	40" 50"	1081#	52" 62" 1084# 1755# 1739#
2	3738 - 3774	18" 34"	941#	37" 48" 912# 1799# 1785#
3	3798 - 3915	22" 38"	1210#	44" 57" 1203# 1852# 1829#

BIT RECORD

NO.	SIZE	HAZE	TYPE	DEPTH OUT	FEET	HOURS	REMARKS
1	1 1/4"	Reed	G244C	219	219	2 1/4	PIPE STRAPS - NONE STRONG MINORS BARGE WHEEL DEBURRING SURFACES: @ 219' - 1 1/2" @ 375' - 3/4" @ 4025' - 1"
2	1 1/8"	HTC	G220C	3735	3515	6 1/4	
3	1 1/8"	HTC	G220C	4025	290	1 1/2	

LEGEND

