

CHARLES SCHMALTZ
CONSULTING GEOLOGIST
WICHITA, KANSAS

REPORT
LOG

COMPANY - GORE OIL CO.
WELL - #1-14 SIMS
FIELD - WILDGRAT
LOCATION - 1940 E 31st, 400' FEEL
SEC. 14 T19S R21W

PRODUCTION:
ELEVATION: 3055
GEOGRAPHIC COORDINATES:
NAD 83 UTM ZONE 18R
NAD 83 UTM EASTING 690000
NAD 83 UTM NORTHING 4000000
NAD 83 UTM SCALE FACTOR 0.9999912
NAD 83 UTM MERIDIAN ANGLE 308.792
NAD 83 UTM TOWERS POINTS 4175
NAD 83 UTM TOWERS POINTS 4175
NAD 83 UTM TOWERS POINTS 4175

FORMATION TOPS & STRUCTURAL POSITIONS

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATA	STRUCTURAL POSITION
ANHYDRITE - TOP	2419	2419	4379	+2
ANHYDRITE - BASE	2681	2681	4379	+3
TOPEKA	3827	3827	-115	+5
HEEBNER	4045	4045	-981	+1
TORONTO	4067	4067	-1012	+2
LANSING	4083	4083	-1025	+5
BK2	4361	4361	-1301	+6
MARMATON	4389	4389	-1331	+5
PAWNEE	4483	4483	-1428	+2
ET SCOTT	4497	4497	-1493	-1
CHEROKEE	4557	4557	-1528	-5
MISSISSIPPIAN	4689	4689	-1866	-24
TOTAL DEPTH	4725		4725	

DRILL STEM TESTS

No.	Interval	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	REMARKS
1	4238 - 4365 126' 30"	1003#	283-30"	880#	2294#	25' MUD w/ 550
2	4451 - 4450 9' 27"	1035#	245-25"	918#	2212#	5' MUD N5
3	4551 - 4640 15-22' 30"	561#	23-25"	289#	2279#	5' MUD

NO. SIZE NAME TYPE DEPTH OUT FEET HOURS

DATE PENETRATION

MUD RECORD

LEGEND

Anyhydrite Salt Sandstone Shale Carb sh Limestone Csl.Lime Chert Dolomite

DRILLING TIME IN MINUTES PER FOOT

Rate of Penetration Decreases

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

DEPTH

SAMPLE DESCRIPTIONS

DEPTH

REMARKS

ANHYDRITE - TOP
2419 (4406)

ANHYDRITE - BASE
2681 (4374)

TOPEKA
3827 (-712)

HEEBNER
4045 (-990)

TORONTO
4067 (-1012)

LANSING
4083 (-1028)

DST #1 (4238-4365)
30" - 60" - 30" - 60"
ISP: NO BLOW
FSP: NO BLOW
RSP: NO BLOW
RECOVERED:
25' MUD w/ 550
HSP: 2094# 2219#
FP: 16"-24" / 28"-30"
SIP: 1003# - 880#
BHT: 125° F

BK2
4361 (-1306)

MARMATON
4389 (-1334)

PAWNEE
4483 (-1428)

DST #2 (4451-4450)
30" - 60" - 30" - 60"
ISP: 1/4" IN BLOW BLDG TO 1/2"
FSP: NO BLOW
RSP: NO BLOW
RECOVERED:
5' MUD, N5
HSP: 2212# 2209#
FP: 16"-22" / 24"-29"
SIP: 1035# - 918#
BHT: 128° F

ET SCOTT
4497 (-1497)

CHEROKEE
4583 (-1528)

DST #3 (4557-4640)
30" - 60" - 30" - 60"
ISP: 1/4" IN BLOW
FSP: NO BLOW
RSP: NO BLOW
RECOVERED:
5' MUD w/ AFEW SPOTS OIL IN TOOL
HSP: 2287# 2279#
FP: 16"-22" / 23"-26"
SIP: 561# - 289#
BHT: 127° F

MISSISSIPPIAN
4689 (-1834)

CONTRACTOR

LEASE

ELEVATION

LOCATION

IP

SEC.

TWP

RNG

COUNTY

STATE

REFERENCE WELL FOR STRUCTION: PICKRELL DRUG CO. - # 1 SIMS
SW 1/4 NE, SEC 14-19S-32E, THOMAS CITY, KANSAS

21-10MHS