

GEOPHYSICIST'S REPORT

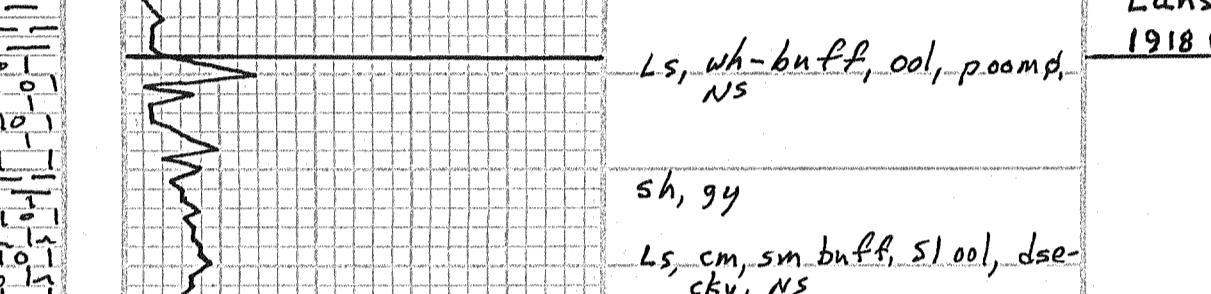
DRILLING TIME AND SAMPLE LOG

COMPANY	R Range Oil Company, Inc.	ELEVATIONS
LEASE	Moffett, Sd #2	KB 1430'
FIELD		DF 1420'
LOCATION	330' FNL + 1740' FEL, NE 1/4	GL 1420'
SEC	25	THSP 22 S
SECTION		RGE 3 E
COUNTY	Marion	STATE KS
CONTRACTOR	Summit Drilling Co., Rig #1	
SPUD	4-30-14	COMP 5-9-14
RTD	2570'	LTD 2564'
MUD UP	1600'	TYPE MUD Chem
SAMPLES SAVED FROM	1800'	TO RTD
DRILLING TIME KEPT FROM	1700'	TO RTD
SAMPLES EXAMINED FROM	1800'	TO RTD
GEOLICAL SUPERVISION FROM	1800'	TO RTD
GEOLISTON WELL	Ken Wallace	

REMARKS Production was set to further evaluate Congl sds.

4/30/14 MIRT
 5/1/14 8:30 am Drig @ 115'
 5/2/14 7:30 am Drig @ 532' 1/0 @ 232'
 5/3/14 7:30 am Drig @ 1141' 1/0 @ 613'
 5/4/14 7:30 am Drig @ 1141; 1/0 @ 1301'
 5/5/14 8:00 am Drig @ 1921' 3/0 @ 1774'
 5/6/14 8:10 am Drig @ 2266' 1/0 @ 2089'
 5/7/14 10:00 am Drig @ 2495' 1/0 @ 2434'
 5/8/14 8:30 am RTD 2570', prep to log, Ran DST #1
 5/9/14 7:00 am Ran prod pipe

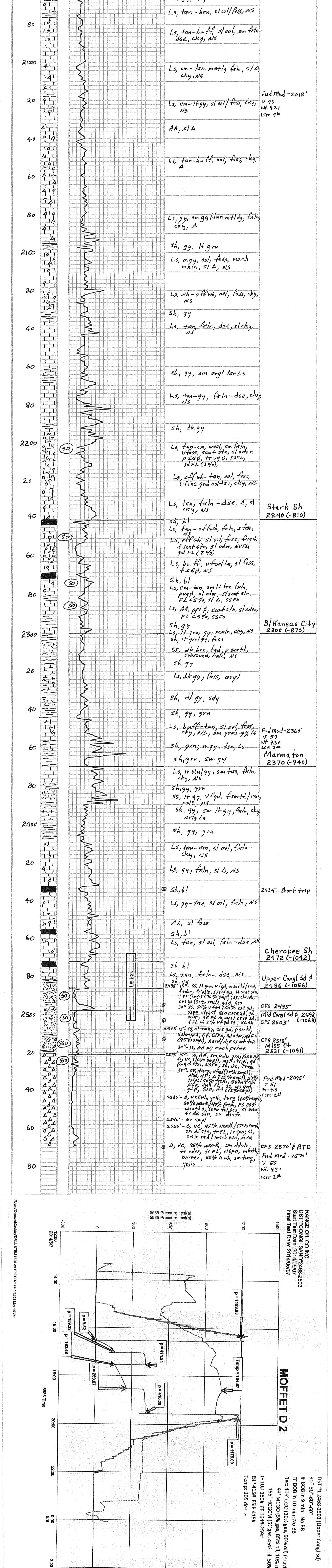
LEGEND



SCALE

" = 100'

REMARKS



DST #1 2488-2503 (Upper Congl Sd)

30°-30"-60"-60"

IF BOB in 9 min: No BB

FF BOB in 10 min: No BB

93% HOGM (5% gas, 45% oil, 50% mud)

Final Test Date: 2014/05/07

Temp: 105 deg F

IP: 415# FS: P-415#

P = 159#

Pressure: psf(a)

Pressure: psi(a)

Temperature: °F

Temperature: °C

Depth: ft

Depth: m

RTD: 2570'

V: 55 wt: 9.3+

Lcm: 4.1

Fud Mud: 2434'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2360'

V: 59 wt: 9.3+

Lcm: 4.1

B/Kansas City 2300 (-870)

Fud Mud: 2495'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2503'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2513'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2521'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2495'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2488'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2486'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2485'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2484'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2483'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2482'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2481'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2480'

V: 59 wt: 9.3+

Lcm: 4.1

Fud Mud: 2479'