

WELL REPORT

Well: Meridian Energy Inc. #2-A Eichman
NE NW NE Section 5
330' fnl x 1650 fel
T. 10 S., R. 19W.
Rooks County, Kansas

Elevation: GL 2218
KB 2224

Total Depth: Driller 3835 Logger 3834

Date spudded: 10/20/11

Date completed: 10/28/11

Drill Stem Test: 5 tests Topeka, Kansas City, Arbuckle dolomite

Results: Ran 5 1/2 inch csg

Drilling Contractor: Royal Drilling, Rig 2

Mud Contractor: Andy's Mud

Logs Run: Log-Tech- Dual Induction Log/ Neutron/Density/Microlog

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1622	+602
Topeka	3209	- 985
Heebner	3415	-1191
Toronto	3433	-1209
Kansas City	3450	-1226
Base KC	3676	-1452
Conglomerate	3716	-1492
Arbuckle	3751	-1527
Total Depth	3835	

SAMPLE DESCRIPTIONS
10' SAMPLES LAGGED AND CORRELATED BACK TO LOG

- Topeka Limestone** 3208-3230 Ls, gray, micro xtln-f xtln, hd, tt no show
 3232-3248 Ls, wt, vf xtln, sugary, soft, no show
 3256-3282 Ls, gray, micro xtln, hard, tt, no show
 3282-3300 Ls, wt, chalky, soft, no show
 3320-3330 Ls, gray-brn, micro xtln, tt, no show
 3330-3340 Ls, wt, micro xtln, hard, tt, no show
 3348-3350 Ls, gray, micro xtln, hard, tt, no show
 3362-3370 Ls, brn, vf xtln, sugary, v poor intergran por,
 bleeding oil PSFO -Show of oil. DST 1
- some, ls, wt, m granular, vug por, w gd-exc SFO,
 gd stn gd odor
- 3370-3395 Ls, wt, microxtln, hard, tt, no show
 3400-3414 Ls, a/a
- Toronto** 3432-3444 Ls, brn, vf xtln/sucrosic, hard, poor p and p, no
 show tr chalky.
- Kansas City** A 3450-3468 Ls, wt, oolitic, cherty, glassy. Some Ls, chalky
- One grn ls, brn, vvf sucrosic, sl fri, p-f por, sl stn, sl
 odor, SSFO, Show of oil
- B 3470-3478 Ls, wt, micro xtln, hard, tt, no show DST #2
- C 3490-3500 Ls, clear-lt brn, f xtln, pinpt vug por, lt stn, FSFO,
 tr bleeding, gd cut when crushed . Show of oil
 DST #2
- D 3506-3518 Ls, brn, m grainstone, vug and intergran por, lt stn,
 SSFO. One grn vf grn/sucrosic, hard, intergran
 por, lt stn SSFO. Show of oil DST #2
- E 3526-3530 Ls, wt, med xtln, scat pinpt vug por, stn FSFO, hard,
 poor por. Show of oil. DST #3
- F 3530-3540 Ls, lt brn, micro xtln, large isolated vugs w/stn,
 drizzly cmt, NSFO, one grn w/gd SFO, one grn m
 grnstn, intergran por, sl vuggy, gd stn GSFO. Show
 of oil DST #3

- G 3540-3570 Ls, wt, med xtln, hard, tt, no show**
Trace oolitic, intergran por, lt stn
Ls, st micro xtln, hard, tt, no show.
- H 3582-3596 Ls, dark gray-white, micro xtln, hard, tt, no show**
- I-J 3600-3630 Ls, wt, micro xtln, hard, tt, no show**
- K 3640-3652 Ls, wt, micro xtln- m xtln, hd, tt, no show.**
- L 3670-3675 Ls, a/a**
- Cong 3685-3700 Chert, yellow/orange, some tripolitic, w stn,**
bleeding oil on break, some dead stn, couple pieces
Ls, wt, med grstn, pin pt vug por lt stn FSFO.
DST # 4
- 3700-3730 Chert a/a, and tripolitic, abun dead oil**
stn/bitumen, DST #4
- Arbuckle 3750-3765 Dolo, clear, vf xtln, "sucrosic", inter gran por,**
stn, g-exc SFO on break, occasional vug por, gd
odor exc SO DST #5
- 3771-3800 Dolo, wt vf xtln, w scat por, scat stn, NSFO**
- Dolo, pink, hard, tt, no show, tr w/dd stn/bit few**
grns w/gd show (probably cavings)
- Dolo, wt, vf xtln, cemented, oil stn SSFO on**
fracture.
- 3800-3835 Dolo, f xtln, fair amt dead bit, hard, tt, no show.**

MUD RECORD

10/23/11	@3117	WT 8.6	VIS 62	WL 8.0	MC 1/32
10/24/11	@ 3429	WT 8.9	VIS 54	WL 8.8	MC 1/32
10/25/11	@ 3560	WT 9.1	VIS 48	WL 8.8	MC 1/32
10/26/11	@ 3745	WT 9.2	VIS 53	WL 8.0	MC 1/32
10/27/11	@3765	WT 9.2	VIS 50	WL 8.8	MC 1/32

DEVIATIONS

@ 233

1/2

DRILL STEM TESTS

Dst #1 3358-3429 OP 2 SI 45 OP 60 SI 90
Rec 31' VSOCM (2% O, 98% M)

FP 41-43 46-50
SIP 961-837
Packers held- good test

Dst #2 3477-3520 OP 2 SI 45 OP 60 SI 60
Rec: 5' OCM (10% O, 90% M)

FP 23-23 22-22
SIP 824-105
Packers held- good test

Dst #3 3529-3560 OP 2 SI 45 OP 60 SI 90
Rec: 105' MW w oil spots (85% W, 20% M)
5' MCWO (75% O, 20% W, 5% M)

FP 27-33 32-101
SIP 900-833
Rw .086 @ 72.5 - 92,000 ppm Chlorides
Packers held- good test

Dst #4 3673-3745 OP 2 SI 45 OP 60 SI 60
Rec: 5' M w/oil spots

FP 41-41 41-43
SIP 685-181
Packers held, good test

Dst #5 3752-3765 OP 2 SI 45 OP 60 SI 90
Rec: 378' GO (10% G, 90% O) 5.3 bbls -24 grav
346' OCWM (20% O, 60% W, 20% M) 4.85 bbl
252' MW w/oil spots (95% W, 5% M) 3.53 bbls

**FP 47-55 68-436
SIP 1043-1035**

**Rw .251 @ 42.5 - 48,000 ppm Chlorides
Packers held, good test**

COMMENTS

This well came in about 10 feet low to the discovery well to the west. As a result zones that tested oil in the offset were tight, with negative test results.

The Arbuckle tested some oil and water, pipe was sent to attempt completion.