

15-121-28171

15-16S-25E

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JUN 20 2006
CONFIDENTIALGeological Report**Jester #1**

650 FNL, 990 FWL (GPS N 38°39.722', W 94°38.136')
 Section 15-T16S-R25E
 Miami Co., Kansas
 API# 15-121-28171
 Elevation: 1011' GL (estimated from topo)
 Drilling Contractor: Glaze Drilling (Lic. #5885)
 Spud: 03-18-06
 Production Bore Hole: 9 1/2"
 Rotary Total Depth: 600' on 03-21-06
 Drilling Fluid: air
 Production Csg.: 7"
 Geologist: Meredith Pearce

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	176'	835'
Hushpuckney Shale	205'	800'
Base Kansas City	220'	791'
Knobtown Sand	325'	686'
Carbonaceous Zone in Tacket Fm.	No call	
"Big Lake" Sand	345'	666'
South Mound Zone	403'	608'
Hepler (Wayside) Sand	No call	
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	450'	561'
Myrick Station	466'	545'
Anna Shale (Lexington Coal Zone)	470'	541'
Peru Sand	No call	
Summit Shale Zone	510'	501'
Mulky Coal/Shale Zone	535'	476'
Squirrel Sand	552'	459'
Rotary Total Depth	600'	

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Drilling at 200' in the Kansas City at 1pm on 03-20-06
Chromatograph not working, lines crossed until 480'

STARK FORMATION driller called @176-178'

****GAS TEST @180', No Open Flow****

HUSHPUCKNEY SHALE driller called @205-206'

****GAS TEST @220', No Open Flow****

200-210 SH: gy, dark gy, TR blk w/v slight free gas - LS: gy, tan
210-220 LS: gy, tan, calcite in fractures - SH: gy
220-230 SiltSt: Lt. greenish gy - SH: gy, silty, TR pyrite
230-240 SH: gy, sandy, free oil, strong odor, slight free gas, TR pyrite
240-250 SH: gy
250-260 SH: gy
260-270 SH: gy, sandy
270-280 SH: gy, sandy, free oil, strong odor
280-290 SH: gy, sandy, free oil, strong odor
290-300 SH: gy, sandy, free oil, strong odor, slight free gas
300-310 SH: gy, sandy, slight free oil
310-320 SH: gy, sandy, free oil, strong odor

****GAS TEST @320', No Open Flow****

KNOBTOWN SAND driller called @325-333'

320-330 SS: gy, clear, brown, sub rounded, free oil - SH: gy, sandy, TR coaly
330-340 SH: gy, sandy in places - SS: gy, clear, brown, TR LS: brown

"BIG LAKE" SAND driller called @345-352'

340-350 SH: gy, sandy in places, TR coal, TR pyrite - SS: clear, brn, gy
350-360 SH: gy, sandy in places - SS: clear, brn, gy, slight oil stain

****GAS TEST @360', No Open Flow****

Drilling stopped @360' at 5pm

Resumed drilling 03-21-06 at 9:30am

Chromatograph still not functioning properly

360-370 SH: gy, sandy in places
370-380 SH: gy, sandy in places
380-390 SH: gy
390-400 SH: gy, silty

SOUTH MOUND ZONE driller called @403-405'

****GAS TEST @420', No Open Flow****

400-410 SH: gy, dark gy, blk, vv slight free gas
410-420 SH: gy, silty, TR pyrite
420-430 SH: gy, sandy in places, TR coal - LS: brn, gy, tan, calcite, fossils
430-440 LS: brown to tan, calcite in fractures - SH: gy
440-450 LS: gy to tan, calcite in fractures - SH: gy

WEISER SAND driller called @450-455'

****GAS TEST @460', No Open Flow****

450-460 SS: gy, clear, brown, slight free oil - LS: tan
460-470 LS: brown, calcite in fractures - SH: gy, TR pyrite

LEXINGTON COAL ZONE driller called @470-477'

****GAS TEST @480', 49 MCF****

Chromatograph restored to working order

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470-480 SH: gy, sandy in places, blk, TR coaly, slight free gas - LS: brown, tan
CG @480 1592 units, 1096 BG
480-490 SH: gy - LS: gy, tan
490-500 LS: tan - SH: gy, TR pyrite
CG @500 1600 units, 592 BG
500-510 LS: gy, tan, calcite in fractures - SH: gy, TR pyrite

SUMMIT SHALE ZONE driller called @510-512', gas kick to 640, 3 over BG

****GAS TEST @520', No Increase, 49 MCF Total****

510-520 SH: gy, dark gy, blk, TR pyrite - LS: tan, calcite in fractures
CG @520 1416 units, 728 BG
520-530 SH: gy

MULKY COAL/SHALE ZONE driller called @535-540', kick to 1432 units, 472 over BG

****GAS TEST @540', No Increase, 49 MCF Total****

530-540 SH: gy, dark gy, blk, TR coaly, free gas - LS: tan
CG @540 1520 units, 592 BG
540-550 SH: gy, sandy

SQUIRREL SAND driller called @552'+, kick to 1584 units, 416 over BG

550-560 SS: clear, gy, tan - SH: gy, sandy, TR coal, TR pyrite
CG @560 1368 units, 592 BG
560-570 SS: clear, gy, brown, sub rounded, mica
570-580 SS: clear, gy, brown, angular to sub rounded, mica
CG @580 1408 units, 552 BG
580-590 SS: clear, gy, brown, angular to sub rounded, mica
590-600 SS: clear, gy, brown, angular to sub rounded, mica
Total Rotary Depth, 600' at on 03-21-06

****GAS TEST @600', No Increase, 49 MCF Total ****

Brief Summary

Stark	No open flow
Husnpuckney	No open flow
Knobtown(s)	No open flow
South Mound	No open flow
Lexington	49 MCF
Summit	No increase
Mulkey	No increase
Squirrel Sand	No increase
Total	49 MCF

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CUSTOMER Osboew Energy
LEASE NAME Jester
WELL NUMBER 1
SPUD DATE 3-18-06
SURFACE SIZE 10 HOLE SIZE 9 1/2

WELL LOG

20	Surface	20
7	Shale	27
8	Lime	35
7	Shale	42
2	Lime	44
15	Shale	59
1	Lime	60
14	Shale	74
3	Lime	77
48	Shale	125
6	Lime	131
14	Shale	145
29	Lime	173
3	Shale	176

Page 1 of RECEIVED

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		176		
2	Blk Slate	178	Ø gas	
3	Shale	181		
22	Lime	203		
2	Shale	205		
1	Blk Slate	206	Ø gas	
3	Lime	209		
4	Shale	213		
7	Lime	220	He rtha	
50	Shale	270		
33	Shale (Sandy)	303	Oil Shale	late straw (late brown)
22	Sandy Shale	325		
8	Sandstone	333		
12	Shale	345		
7	Sandstone	352	Shaley	
51	Shale	403		
2	Blk Slate	405	Ø gas	
24	Shale	429		
16	Lime	445	lt oil Shale (sandy)	
5	Shale	450		
5	Sandstone	455	Ø gas	
2	Shale (Sandy)	457		
9	Shale	466		
4	Lime	470		
2	Blk Slate	472	Gas - 49,000 CFM - some water	
3	Shale	475		
5	Shale (sandy)	480		
14	Shale	494		
8	Lime	502		
8	Shale	510		
2	Blk Slate	512	Ø gas	
23	Shale	535		
5	Blk Slate	540	Ø gas	

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