

James #6-32

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #3

Raile Prospect #2929

750 FSL 1766 FEL
Sec. 32-T2S-R41W
Cheyenne County, Kansas

Contact Person: David Doyel
Phone number: 316-267-3241
Well site Geologist: Paul Gunzelman

Call Depth: 3900'
Spud @ 10:00 a.m. 10/14/02
Est. TD: 4970'

API # 15-023-20441
Casing: 8 5/8" @ 388'
Elevation: 3659' GL
3664' KB

DAILY INFORMATION:

10/11/02 MIRT.

10/14/02 Will spud today.

10/15/02 Depth 910'. Cut 910'. DT: 8 hrs. (WOC). CT: none. Dev.: 1/8 ° @ 388', 0° @ 818'. Spud @ 10:00 a.m. 10/14/02. Ran 9 jts. = 380.91' of 8 5/8" surf. csg. Set at 388'. Cmt. w/275 sx. of comm., 3% cc, 2% gel, plug down @ 4:15 p.m. 10/14/02, drilled out plug @ 12:15 a.m. 10/15/02. Cmt circ 5 bbls. by Allied.

10/16/02 Depth 2075'. Cut 1165'. DT: 1 ¼ hrs. (pump). CT: none. Dev.: ¾ ° @ 1035', 1 ¾ ° @ 1253', 2° @ 1472, 1 ¾ ° @ 1661', 1 ¾ ° @ 1880', 1 ½ ° @ 2065'.

10/17/02 Depth 2675'. Cut 600'. DT: none. CT: none. Dev.: 1° @ 2290', 1° @ 2498'.

10/18/02 Depth 3445'. Cut 770'. DT: none. CT: none. Dev.: ¾ ° @ 2718', ¼ ° @ 2968', ½ ° @ 3216'.

10/19/02 Depth 4030'. Cut 585'. DT: none. CT: none. Dev.: ½ ° @ 3717'.

10/20/02 Depth 4460'. Cut 430'. DT: none. CT: none. Dev.: ¼ ° @ 4250'. **DST #1 4466-4534' - Lansing A zone:** 30-30-30-60; IF: wk blow died in 10 min. FF: no blow. Rec. 5' mud; HP: 2173-2124; FP: 30/34, 35/38; SIP: 921-1130. BHT 130°.

10/21/02 Depth 4597'. Cut 137'. DT: none. CT: 15 ¾ hrs. Dev.: ½ ° @ 4534'. **D zone:** poor-fr porosity trace of fr fossil porosity no odor, fr stn, some sat stn, fair-pr show brn fo. **DST #2 4535-4597' - Lansing D zone:** should be on bottom around 11:00 a.m.

10/22/02 Depth 4732'. Cut 135'. DT: none. CT: 14 ¾ hrs. Dev.: none. **DST #2 4535-4597' - Lansing D zone:** 30-30-30-60; tool slid 2' to bottom; IF: 1 ½ " blow died in 20 min. FF: no blow. Rec. 1' FO, 59' SLOCM (5% O). HP: 2234-2213. FP: 49/52, 54/55. SIP: 841-1053. BHT 133°. **Lansing J zone:** good drilling break, good show of FO, good porosity development. Preparing to run **DST #3 4682-4732' - Lansing J zone:**

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- 10/23/02 Depth 4910'. Cut 178'. DT: none. CT: none. Dev.: none. **DST #3 4682-4732' – Lansing J zone:** 30-60-60-90; Rec. 210' GIP, 15' CGO (Grav. 32°), 75' SLG&HO CM (15% G, 15% M, 70% O), 248' SLG&OCM (15% G, 65% M, 20% O), 338' TF. HP: 2341-2322; FP: 23/101, 108/167; SIP: 226-227. BHT 144°.
- 10/24/02 RTD 5070'. Cut 160'. DT: none. CT: 12 ¾ hrs. Dev.: ½ ° @ 5070'. HC @ 6:15 p.m. 10/23/02. Log Tech logged from 10:15 p.m. 10/23 to 3:15 a.m. 10/24/02. LTD @ 5076'. Preparing to run 5 ½" prod. csg.
- 10/25/02 RTD 5070'. CT: 11 ½ hrs. Ran 113 jts. = 5062' of 5 ½ " prod. csg. Cmt. w/250 sx. EA-2, plug down @ 4:00 p.m. 10/24/02 by Swift. 15 sx. in RH, 10 sx. in MH. Rig released @ 6:30 p.m. 10/24/02. **FINAL REPORT.**

Formation	James #6-32 3664' KB						Culwell #5-32 3680 KB	
	Sample Top	Datum	Ref	Log top	Datum	Ref	Log Top	Datum
Anhydrite	3527	+137	+7	3532	+132	+2	3550	+130
B/Anhydrite	3566	+98	+5	3568	+96	+3	3587	+93
Topeka	4316	-652	+3	4320	-656	-1	4335	-655
Oread	4434	-770	+3	4437	-773	Flat	4453	-773
Lansing	4507	-843	flat	4501	-837	-6	4523	-843
Lansing J	4702	-1038	+2	4708	-1044	-4	4720	-1040
Stark				4742	-1078	-3	4755	-1075
Marmaton	4893	-1229	+1	4897	-1233	-3	4910	-1230
RTD	5070						5030	
LTD				5076			5031	