

Ramona #3-33

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

Raile Prospect #2929

984 FNL 140 FWL
Sec. 33-T2S-R41W
Cheyenne County, Kansas

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

Call Depth: 3900'
Spud @ 3:30 p.m. 10/25/02
Est. TD: 5090'

API # 15-023-20442
Casing: 8 5/8" @ 382'
Elevation: 3661' GL
3666' KB

DAILY INFORMATION:

- 10/24/02 Probably move tomorrow.
- 10/25/02 MIRT.
- 10/26/02 Depth 382'. Cut 382'. DT: 7 ¾ hrs. (WOC). CT: none. Dev.: ½° @ 382'. Spud @ 3:30 p.m. 10/25/02. Ran 9 jts. = 375.57' of 8 5/8" surf. csg., set @ 382'. Cmtd. w/ 275 sx. comm., 3% cc, 2% gel, plug down @ 11:15 p.m. 10/25/02, drilled out plug @ 7:15 a.m. 10/26/02. Circ. 3 Bbls by Allied.
- 10/27/02 Depth 2200'. Cut 1818'. DT: ¼ hr. (WOC), 1 ¼ hrs. (air). CT: none. Dev.: ¼° @ 804', 1/8° @ 1051', 1° @ 1369', ¾° @ 1760', ¾° @ 1960'.
- 10/28/02 Depth 3085'. Cut 885'. DT: none. CT: none. Dev.: ½° @ 2209', ½° @ 2332', 1/8° @ 2703'.
- 10/29/02 Depth 3765'. Cut 680'. DT: none. CT: none. Dev.: ¾° @ 3328'.
- 10/30/02 Depth 4220'. Cut 455'. DT: ½ hr. (pump). CT: none. Dev.: ¾° @ 3859'.
- 10/31/02 Depth 4555'. Cut 335'. DT: ½ hr. (pump). CT: 9 ¼ hrs. Dev.: 1° @ 4555'. Running **DST #1 4494-4555' (Lansing A zone)**; 30-30-30-60; IF wk blw died in 7 min. Rec. 2' mud. HP: 2201-2193; FP: 26/28, 29/29; SIP: 46-59. BHT 133°.
- 11/1/02 Depth 4616'. Cut 61'. DT: none. CT: 21 hrs. Dev.: none. **Lansing D zone**: fair good oolitic porosity good show oil and gas. **DST #2 4550-4616' (Lansing D zone)**; packer failure. **DST #3 4542-4616' (Lansing D Zone)**: 30-60-60-90; IF: wk blw built to 10". FF: wk blw built to 7". Rec. 435' GIP, 170' G&OCM (10% G, 70% O, 10% M), 180' G & OCM (10% G, 50% O, 40% MW), 180' O & WCM (30% O, 20% W, 50% M), 60' SLOCMW (10% O, 40% W, 50% M), TF 590'. HP: 2289-2229; FP: 27/166, 174/276; SIP: 1084-1069. BHT 147°. Chl. 31,000 ppm.
- 11/2/02 Depth 4710'. Cut 94'. DT: none. CT: 17 ¾ hrs. Dev.: none. **DST #4 4608-4710' (Lansing G-H zones)**: 30-30-30-60; IF: ¾" blow died in 20 min. FF: no blow. Rec. 60' mud; HP: 2334-2323; FP: 32/47, 32/65; SIP: 1322-1370. BHT 135°.

Ramona #3-33
 Daily drilling report
 Page two

- 11/3/02 Depth 4790'. Cut 80'. DT: none. CT: 19 ¾ hrs. Dev.: none. **DST #5 4698-4752 (Lansing J zone):** 30-30-30-60; IF: wk blow died in 10 min. FF: no blow; Rec. 2' mud; HP: 2346-2365; FP: 17/20, 21/23; SIP: 630-1030. BHT 135°.
- 11/4/02 RTD 5075'. Cut 285'. DT: ½ hr. (pump). CT: 2 hrs. Dev.: none. HC @ 5:00 a.m. 11/4/02. Should be logging by 10:00 a.m. and faxing logs by 2-3:00 p.m.
- 11/5/02 RTD 5075'. CT: 22 hrs. Dev.: ¾ ° @ 5075'. Log Tech logged from 9:00 a.m. to 2:30 p.m. 11/4/02. LTD @ 5080'. Ran 113 jts. = 5069' of 5 ½ " prod. csg., set @ 5070'. Cmt w/250 sx. 225 EA-2, plug down @ 2:30 a.m. 11/5/02 by Swift. 15 sx. in RH, 10 sx. in MH. Rig released @ 5:00 a.m. 11/5/02. **FINAL REPORT.**

	MDCI Ramona #3-33 984 FNL 140 FWL 33-2S-41W 3666 KB			MDCI DCLM Unit #5-32 156 FNL 1452 FEL 32-2S-41W 3673 KB			MDCI Marvin #2-33 1766 FSL 1980 FEL 33-2S-41W 3663 KB			
Formation	Sample Top	Datum	Log tops	Datum	Log top	Datum	Ref	Log Top	Datum	Ref
Anhydrite	3562	+104	3554	+112	3569	+104	Flat	3528	+135	-31
B/Anhydrite	3597	+69	3590	+76	3604	+69	Flat	3564	+99	-30
Topeka	4332	-666	4334	-668	4350	-677	+11	4317	-654	-11
Oread	4458	-782	4450	-784	4465	-792	+10	4431	-768	-14
Lansing	4520	-854	4524	-858	4539	-866	+14	4503	-840	-14
Lansing D	4581	-915	4582	-916	4600	-927	+12	4563	-900	-15
Lansing J			4723	-1057	4756	-1083		4701	-1038	
Stark	4754	-1088	4755	-1089	4780	-1107	+19	4734	-1071	-17
BKC	4848	-1182	4852	-1186	4873	-1200	+18	4834	-1171	-11
Marmaton	4906	-1240	4908	-1242	4937	-1264	+24	4896	-1233	-7
RTD	5075				5100			5050		
LTD			5080		5101			5052		