

WELL DIAGRAM - 04/13/06

MESA 11 GRANDE #2
2650' FNL & 660' FWL
11-22S-26E
EDDY CO., NM.

SPUD: 01/13/05 GL: 3175' TD: 11,500'

COMPLETION:

PF: 9956, 60, 64, 68, 72, 76, 10006, 20, 32, 36, 40, 62, 70, 74, 92, 96,
10100, 104, 127, 302, 306 (21 holes) [9956' - 10306' OA]
Acid in 3 stages with 60 bbls/stg 20% gelled NEFE + BS - GBA
13 BPM, 2350#, Max 5543#,
Acid w/5000 gal 7 1/2% NEFE + BS
4.1 BPM, 4000#, Max 4800#, ISIP 4100#, 15"SIP 3618#
PF: 9956-76; 10006; 28-43; 62; 70-72; 92-104; 126-28; 302-306 (228 holes)
RBP at 10401'. Pkr 10082' - FL 5400' -- Rec wtr
RBP at 10185'. Pkr 10112' - FL 6500' -- Rec wtr
RBP at 10081'. Pkr 9990' - Gassing
Acid 9956'-10072' w/3000 g 15% HCL + BS -- NBA -- gassing
RBP at 10152'. Pkr 10114' -- small amt of gas
Acid 10126'-28' w/?? G acid
Swab, Blow, Die
Acid 10006'-127' w/3000 g acid
Swab
RBP at 9990'. Pkr 9900' - Flow and swab gas
Acid 9956'-76' w/5000 gal gel acid
Discovered RBP leaking
WL Set RBP at 9996'. Pkr at 9900'. Swab
Acid 9956'-76' w/5000 gal gel acid --- Swab --- Pull RBP
WL Set RBP at 10082'. Pkr at 9889'. Swab. Gas cut.
Tubing in hole - 2 7/8" w/pkr w/RBP retrv tool on btm.
Pull tbg, pkr, RBP and put well on pump.
Pump 16 days. Maing 40-45 mcf, 80-120 bw
Shut well down. POOH w/rods and pump.
Set Cement Retainer at 10,250' Sqz w/100 sxs.
Set Cement Retainer at 9,990' Pmp'd 250 sxs. Did not sqz
Pmp'd 200 sxs thixad, 200 sxs "H". Attempt to pull from retainer
Cud not. Ck cmt inside tbg. Found at 8950'. Pipe is free at 7785'.
Cut off at 7680'. Mill and fish for tubing for 13 days. No progress.
Top of fish at 7763'. Cease work on well. POOH w/tools. Sent
tbg to Midland Yard. Well TA'd

WO: 04/06: Test BONE SPRINGS
Run CBL. TOC at 6680'. Set CIBP at 7700'
PF: BONE SPRINGS: 6321-23; 30-37; 48-56; 60-66 (1spf); 75-80; 86-92 (2spf)
6394-98; 6400-04; 7-10; 12-14; 17-19; 24-26 (1spf) [6321'-6426' O/A]
Acid w/2750 g 15% HCL + BS

