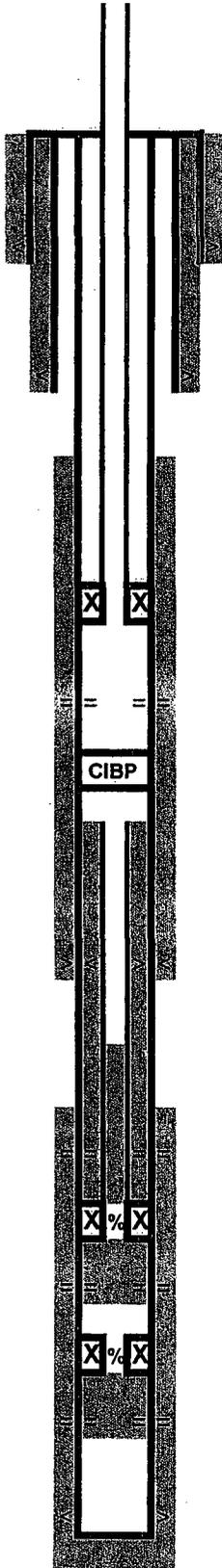


WELL DIAGRAM - 04/13/06

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

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



13 3/8" 48#  
 410' w/1195 sxs

9 5/8" 36# J55  
 2318' w/850 sxs  
 circ

TOC 6680'

Arrowset Pkr 6211'

BONE SPRINGS  
 6321'-6426' O/A

CIBP at 7700'

Top of Fish 7763'  
 2 7/8" 6.5# N80

DV tool 8723'  
 w/900 sxs

Top Cmt in Tbg 8950'

9956'-76' O/A

Retainer 9,990' w/650 sxs

10006'-128' O/A

Retainer 10,250" w/100 sxs

10,302'-306' O/A

5 1/2" 17# N80  
 11,500' w/725 sxs

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