

MURCHISON OIL & GAS, INC.
Moore Federal Com #1E
Sec.35, T-24S, R-26E
1650' FNL and 460' FWL
Eddy County, New Mexico

WORKOVER PROCEDURE

October 8, 1999



CASING:

Surface -	16" - 65 #, H-40 ST&C @ 244'	Cmt Cir.
Intermediate	10 3/4" - 40.5 #, K -55 @ 1,910'	Cmt Cir.
Deep Intermediate	7 5/8" - 26.4-S95,26.4-N80,LT&C & 29.7-N80 @ 8,602'	
	Cmt w/ 2 stages DV tool at 5,792' stage 1 cmt w/ 780 sks, stage 2 cmt w/650 sks good returns, no cmt cir to pit.	
	Liner 4 1/2" - 13.5# N - 80 LT&C @ 8,224' to 11,518'	Cmt Cir.

LOGS:

Schlumberger - CNL - FD dated 1-7-83
DLL dated 1-6-83

REFERENCE LOG:

CNL - FD dated 1-7-83 KB- 3,267' GL- 3,252'

PERFORATIONS:

Morrow:

11,323' , 25,26,37,42,43,44,45,46,47,48,& 49' 2000 gals acid, tested wet, set CIBP at 11,300' and capped w/ 20' cmt.
11,083', 84, 85, 11,195', 96, 97, 98, 99, 11,200, 01, 02, 03, 04, 05, 06, 11,238, 39, 40 , 41, 42, 43' , 10,961', 62, 63' - 24 holes. Acid treated w/ 4,000 gals 7.5% HCL. After clean up flowing 1.6 MMCFD. Under packer w/ standing valve set at 10, 909' and (Baker Lok- Set) at 10,840' w/ bull plug.

Atoka:

10,766' to 10,788' 13 holes. Acid treated w/ 2,500 gals 7.5% HCL, Frac treated w/ 2000 gals 7.5% hcl+ 20,000 gals versagel/ CO₂, + 3000# 100 mesh and 18,000# 20/40 mesh

DISCUSSION:

A workover was attempted 9/29/99 and was unable to free stuck model R packer at 10,740'. The tbg was cut off at 10,725' and pulled out of the hole. Jars were ran to attempt to jar packer free but was unable to free. The tbg was ran back in hole and the well was connected back to sales line.

PROCEDURE:

1. Set matting boards, and rig up work over unit.