

Lease, HANSON FEDERAL Well No. 3 County or Parish: EDDY

Operator: MARALO, INC. State: NEW MEXICO

<u>Date</u>	<u>Depth</u>	<u>Daily Report</u>
5-25-78		2700# SITP - opened well to pit, flowed down to 225# on 24/64" choke and stab for 3 hrs. Shut well in.
5-26-78	9700 PBTD	Testing 17 1/2 hrs SITP 2825 psi (6-26-78). Opened well on increasing choke size thru production equipment. Flow stabilized at approximately 5:00 p.m. (6-26-78) at rate of 260 MCF/D. FTP 700 psi (EPNG Co. line pressure 630 psi). 14 1/2 hr flow ending @ 7:30 a.m. (6-27-78). on 24/64" choke, FTP 675 psi, flow rate range from 250 MCF + 390 MCF per day (Note: well riding sales line pressure). Produced 7.56 BO and 5.04 BLW.
5-27-78		Testing thru production equipment; FTP 675 psi. (well riding sales line pressure). 22 hr flow on 24/64" choke, gas rate 197 MCF/D, Produced 16 BC + 1.67 BLW.
5-28-78		Preparing to retreat.
5-29-78		Flowing well to clean up after acid treatment. Treated w/15000 gals (Western Co.) 20% acid in 2 stages as follows: Pumped 3500 gal Westpad A, 2000 gal acid w/1/2 ppg 100 mesh salt, 6000 gal acid, 1000 gal acid w/1 1/2 ppg 100 mesh salt, 2500 gal Westpad A, 6000 gal 20% acid, flushed w/116 bbls KCl water. All fluid contained CO <sub>2</sub> . Total load to recover 616 bbls. Max press 7600 psi, min press 6800 psi, AIR 5.8 BAPM + 2 B CO <sub>2</sub> per min (7.8 BPM). ISDP 3250 psi, 15" SDP 3050 psi. Complete at 11 a.m. Opened well @ 11:15 a.m., gradually increased choke size to 32/64" - unloaded treatment fluids to pit @ 550 to 450 w/good gas show. Closed well in @ 7 p.m. over night. 12 1/2 hr SITP 2150 psi (7:30 a.m.) opened well on 20/64" choke, FTP 1550 psi after 15" increased choke size to 24/64" choke after 30" FTP 700 psi, unloading w/excellent gas.
7-02-78		SITP 2000 psi (7 a.m. 7-1-78) Opened well on to sales line on 14/64" choke - flow rate stabilized at 400 MCF/D, FTP 700 psi.
7-03-78		22 hr test: 14/64" choke. FTP 675 psi, Produced 20 bbls condensate, 2.76 bbls wtr, gas rate 377 MCF/D.
7-04-78		23 hr test: 14/64" choke, FTP 650 psi, Produced 21 bbls condensate, 5 bbls wtr, gas rate 368 MCF/D.
7-05-78		24 hr test: 14/64" choke, FTP 650 psi, produced 24 bbls condensate, 6 bbls wtr, gas rate 398 MCF/D.
7-06-78		SI for pressure build up prior to taking CAOF test.
07-78		CAOF = 1,579 MCF/day + 28.2 bbls condensate per day

Final Report