

PURE GOLD D FEDERAL #1
 1980' FNL & 660' FWL
 Sec. 28, T-23-S, R-31-E
 Eddy County, New Mexico

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- 12/20/85 - 13 Hrs SITP 610#, FL @ 9500' FS, swabbed 13 BLW in 4 1/2 Hrs, FL @ 12,500' FS, 5' to 1' gas flare.
- 12/21/85 - 14 Hrs SITP 450#, CP 0#. FL @ 12,000' FS, RU Howco, acidized perfs 14,122'-208' (OA) w/5000 gal Morflo B.C. acid + 1000 SCF N₂ + 70 B.S. AIR 4 BPM acid + 1 3/4 BPM N₂, w/9300# TP, Max TP 9500#, Min 7800#, flush w/40 B KCL wtr, ISDP 4800#, 5 Min 4700#, 15 Min 4400#, 45 Min 4100#, flowed 130 BLW in 6 hrs, FTP 4100# to 50#, short 25 BLW
- 12/22/85 - 10 Hrs SITP 4600#, flow 12 BLW in 5 hrs FTP 4600# to 200#, released P.U.
- 12/24/85 - 51 Hrs SITP 4800#, McCullough ran GR log @ 14,252'-13,500' to evaluate acid job.
- 12/28/85 - 84 Hr SITP 4200#, flow well as follows:

TIME	CHK	TP	STABILIZED
1 Hr	6/64	3925	40 Min
1 Hr	8/64	3350	30 Min
3 Hrs	10/64	2800	2 Hrs
1 Hr	12/64	2500	30 Min
1 Hr	48/64	50	
Est. rate 2 MMCFPD, rec 2 BC + 1 1/2 BLW			

- 1/1/86 - 90 Hr SITP 3870 DWT, BHP 5244#. Jarrel ran BHP bombs to 14,000', Duke testers ran 4 point potential test as follows:

FLOW HRS	FTP	CHK	MCFPD	BHFP	FLUID	STATIC B.P.
1	3577	1/64	84	4786	0	300
1	3340	1.5/64	119	4491	0	300
1	3110	2/64	145	4207	0	300
1	2752	2.5/64	226	3708	0	300

CAOF 301 MCFPD, gas gravity 0.6104 SI 140 Hrs for BHP buildup, Jarrel W.L. service POH BHP bombs. Study well for additional stimulation.