

WELL NAME AND NUMBER MADDOX ENERGY CORPORATION
PARDUE FARMS 21 NO. 1 STATE New Mexico

FIELD Malaga, Morrow COUNTY Eddy

PTD 13,250'

Date	Depth	Days	Remarks
6/16/81	2600'	12	WOC 13 3/8" casing. Mud 9.8, Vis 28, Ph 9, Cl 168000. 1 hr TOH to run casing. 1 hr RU laydown machine. 3 hr WO casing crew. 2 1/2 hr ran 20 joints 13 3/8" casing - tongs broke down. 8 1/2 hr WO tongs and casing crew. 4 1/4 hr ran 43 joints 13 3/8" casing (total 63 joints, 2616' of 13 3/8" 61# K55 ST&C casing set at 2600'). 1 hr circ. 13 3/8" csg at 2600'. 2 1/4 hr cementing w/3250 sx Halliburton Lite, 8# salt & 1/4# flocele, mixed 12.7, yield 1.90; followed w/300 sx Class C Neat, mixed 14.8, yield 1.32. Circ. 260 sx to reserve pit. Plug down at 4:30 a.m. MST 6/16/81. 1/2 hr WOC.
6/17/81	2600'	13	Testing 13 3/8" casing. New Bit #4 12 1/4" Reed FP63, 3/12 jets, in at 2600' drilling cement. WOC 10000, Rotary RPM 60, Pump #1 5 x 16", 58 strokes, Pump press. 1000 psi, Pump rate 300 GPM. BHA: 12 1/4" bit, shock sub, two 9 1/2" DC, stabilizer, twelve 9 1/2" DC's. 3 1/2 hrs set slips on 13 3/8" casing, cut off and set 13 3/8" csg spool and tested to 5000#, 11 1/2 hrs NU BOP stack, 2 hrs test stack by H&R Testers - 4 1/2" rams to 2000#, Hydril to 1500#, & Kelley valve to 2000# 2 hrs PU BHA and TIH to 2540'. 5 hrs drilling cement, plug and float collar. Now testing 13 3/8" casing 20' below float collar.
			* Bit SN #914194
6/18/81	3166'	14	Drilling 12 1/4" hole in 60% limestone and 40% shale, made 566' in 24 hrs, Mud Wt 9.5, Vis 28, Ph 10, Cl 180000, working reserve pit Max. gas in mud 400 units, BGG 100 units. Deviation 3/4° @ 2783', 3/4° @ 2906'. WOB 30-40000, Rotary RPM 58.7, Pump stroke 58, Pump press. 1400, Pump rate 300. 20 hrs drilling, 1 hr survey, 1 1/2 hr drlg cmt inside 13 3/8" casing, 1/2 hr test casing 20' below float collar with 2000# surface press. & 10# brine, 1 hr repair roating head.
6/19/81	3634'	15	Drilling 12 1/4" hole in 70% limestone & 30% shale, made 408' in 24 hrs, Mud Wt 9.5#, Vis 28, Ph 9.5, Cl 180000. Deviation 1/2° @ 3214'. WOB 50000, Rotary RPM 49, Pump press. 1400, Pump rate 300 BPM. 23 1/2 hrs drilling, 1/4 hr circ. 1/4 hr survey.
6/20/81	4180'	16	Drilling 30% sand, 40% shale & 30% chert, made 546' in 24 hrs, Mud Wt 9.5, Vis 28, Ph 9.5, Cl 180000, Max. gas in mud 120 units, BGG 50 units. Deviation 1/2° @ 3645 1/2° @ 3927'. WOB 50000, Rotary RPM 49, Pump strokes Pump press. 1400, Pump rate 300. 22 1/4 hrs drilling, 1 hr circ., 3/4 hr survey.