

WELL NAME AND NUMBER MADDOX ENERGY CORPORATION  
PARDUE FARMS 21 NO. 1 STATE New Mexico  
 FIELD Und. Malaga, Morrow COUNTY Eddy  
 PTD 13,250'

Date	Depth	Days	Remarks
6/9/81	1388'	5	Drilling in anhydrite, made 180' in last 24 hrs, Mud Wt 9.8#, Vis 28, WL 10, Cl 120000. Deviation 1° @ 1215', 1° @ 1352'. WOB 40000, Rotary RPM 69. Pump stroke 58, Pump press. 700 psi, Pump rate 310 GPM. 22 3/4 hrs drilling, 3/4 hr survey, 1/2 repair chain.
6/10/81	1546'	6	Drilling 17 1/2" hole in anhy & gyp, made 148 last 24 hrs, Mud Wt 9.7, Vis 28, Ph 8.5, Cl 160000. Deviation 3/4° @ 1476'. WOB 40000, Rotary RPM 69. Both pumps on hole at 58 strokes each. Pump press. 1700, Pump rate 610 GPM. 23 1/2 hrs drilling, 1/4 hr survey, 1/4 hr rig service.
6/11/81	1700'	7	Drilling 17 1/2" hole in anhy, gyp & salt, made 154' in 24 hrs, Mud Wt 9.8, Vis 28, Ph 9, Cl 160000. Deviation 3/4° @ 1569', 1 1/4° @ 1663'. WOB 30-40000, Rotary RPM 69, Pump #1 69 strokes, Pump press. 700, Pump rate 300. 23 1/2 hrs drilling, 1/2 hr survey. Unable to run both pumps because of hot weather - pumps heating up.
6/12/81	2060'	8	Drilling 17 1/2" hole in anhy, gyp & salt, made 344' in 24 hrs, Mud Wt 9.8, Vis 28, Ph 9, Cl 168000. Bit #2 in at 506', out at 1768', cut 1262' in 106 1/4 hrs, Condition: T2, B lock cone, G 1/4 out. Bit #3 17 1/2" Hughes Tool Co. J33, SN LH015, 3/12 jets, in at 1768'. Deviation 1 1/2° @ 1757', 1 3/4° @ 1943', 1 1/4° @ 2037'. WOB 30-40000, Rotary RPM 69, Pump #1 5 x 16 58 strokes. Pump press. 1200, Pump rate 310. 21 hrs drilling, 2 1/4 hrs trip, 3/4 hrs survey.
6/13/81	2464'	9	Drilling 70% anhydrite, 10% shale & 20% lime, made 107' in 24 hrs, Mud Wt 10, Vis 28, Ph 9, Cl 168000. Deviation 2° @ 2409'. WOB 25000, Rotary RPM 69, Pumps #1 & #2 on hole at 58 strokes each, Pump press. 1600 psi, Pump rate 610 GPM. 23 1/2 hrs drilling, 1/2 hr survey.
6/14/81	2350'	10	Drilling anhydrite, gypsum & salt, made 290' in 24 hrs, Mud Wt 9.8, Vis 28, Ph 9, Cl 168000. Deviation 1 3/4° @ 2131', 1 3/4° @ 2226', 2 1/4° @ 2315'. WOB 20-30000, Rotary RPM 69, Pump #1 & #2 on hole at 58 strokes, Pump press 1600, Pump rate 610 GPM. 14 1/4 hrs drilling, 4 3/4 hrs trips, 3 3/4 hrs wash 1791-2318', 1 hr survey, 1/4 hr rig service. Trip for plugged bit, LD btm hole reamer, hole caving.
6/15/81	2600'	11	Prep run 13 3/8" casing. Made 136' in limestone last 24 hrs, Mud Wt 9.8, Vis 28, Ph 9, Cl 168000. Bit #3 in at 1770', out at 2600', made 830' in 70 1/4 hrs. Deviation 1° @ 2503, 1° @ 2566'. WOB 25000, Rotary RPM 69, Pumps #1 & #2 on hole at 58 strokes each, Pump press. 1700, Pump rate 610 GPM. 19 1/2 hrs drilling 1 1/2 hr trip, 2 hrs circ. to condition hole.