

Form No. 472

DRILLING AND COMPLETION HISTORY

LEASE BURTON FLAT UNITWELL NO. 5FIELD Burton Flat - Morrow

DATE COMPLETED _____

OPR: Monsanto Co.

DATE	WORK DONE
<u>1973</u>	
9/7	Top Cmt 9310'; WO trucks to move rig.
9/8	Still raining & too wet to move rig.
9/9	Will start moving rig in A.M.
9/10	Moving rig off today; recommend perforating & testing Morrow from 11,574-578'.
9/11	Rig off hole; raining; S.D.
9/12	Will start picking up tubing today.
9/13	Will finish picking up tubing today; Will swab down & install tree; Will perf in AM.
9/14	Will be ready to perf about noon.
9/15	Perma Latch Pkr @ 11,422'; Bottom of tubing @ 11,428'; Tree, tubing & Pkr were tested to 5 M psi, held OK; Fluid level was swabbed to 7400'; Perf. 11,574-11,578' w/ 2 shots/Ft.
9/16	Swabbed to 11,000' w/ no fluid or gas entry into hole; SD for night. Opened well w/ no pressure & no gas; Ran swab, found fluid level @ 10,500'; no gas show; 500' fluid entered hole overnite; Fresh Wtr treated w/ 1000 Gals. 7½% MS Acid & 70 M cu ft N ₂ ; BDP 500 psi; Treated @ 4½ BPM w/ 4 M psi; Flowed back load & started swabbing; Swabbing fluid level 2500' to 2800'; recovering S.W. w/ no gas show. SD for night; now pulling tubing; Will squeeze in AM.
9/17	Prep to squeeze Morrow perfs.
9/18	Rigged up; Circulated hole; Set Model K Retainer @ 11,408'; Pumped into Morrow Perfs @ 4 BPM w/ 2200 psi; Cemented w/ 75 Sxs. Class "H", 3% CFR2; Pressure built to 4100 psi at end; Pulled out of Retainer & circulated tubing; Pulled tubing; Now GIH w/ Pkr prep to perf Strawn.
9/19	Perf. 10,352-10,362 & 10,366 to 10,378' w/ 2 shots/Ft. (Strawn); Fluid level rose from 7100 to 5400' while coming out w/ gun; Ran swab, found FL @ 3400'; Pulled swab & well kicked off flowing gas & wtr; At 9:00 Pm flowing dry gas on ½" choke @ 60 psi, 334 MCF; This AM flowing dry gas on ½" choke @ 50 psi, 278 MDF; Acting as if logging up, probably condensate.
9/20	Treated w/ 2500 Gals. 7½% MS Acid using 50 balls & N ₂ ; Pumped in initially @ 6300 psi, when balls hit pressure went to 6900 psi, then broke to 5700 psi; Treated @ 3.3 BPM w/ 5700 psi; ISDP 4900 psi; 5 Mins. 4800 psi, 15 Mins. 3700 psi;