

DAILY DRILLING REPORT

HUMPHRY "A" #2

HUMPHRY "A" #2, Langlie-Mattix Fld, Lea Co, N.M. OBJECTIVE: Drill deeper & stimulate to increase production. AFE 9282 - Mobil Intr 100% - Est Cost \$6000.

7/10/69 3474 TD, 7" csg @ 3217.

MIRU DA&S Well Serv SD unit, pull rods & pump, inst'l BOP, P & LD 108 jts 2-7/8 10V thread tbg, SN, perfs & mud anchor. SD for nite.

HUMPHRY "A" #2, 3474 TD.

7/11 Ran 6-1/8 bit on 20 - 4-1/8" DC's + 85 jts 2-7/8 X-line tbg to 3197, MIRU Kermit Rental Tool rev unit. SD for nite. Prep to DD.

HUMPHRY "A" #2

7/14 3593 TD 1m, 6-1/8" hole.

Broke circ w/ 178 BTSW drld new hole from 3474 to 3593 in 27 hrs using total 1760 BLW, pull 12 jts of tbg, SD 1 hr, ran bit, tag fillup @ 3524, SD 9 1/4 hrs for repairs, POH, LD 20 DC's, ran 3 1/2 SP, CO cuttings from 3524-3530, 6 1/6 1/4 hrs, rec approx 100 gals of cuttings, cont to CO.

HUMPHRY "A" #2, 3593 TD.

15 CO OH w/ SP 3530 to 3580 in 12 hrs, SI 12 hrs, 10' of fillup, prep to CO.

HUMPHRY "A" #2, 3593 TD.

7/16 CO OH w/ SP 3560-65/3 hrs, Worth Well ran GR-N log from 2700 to 3563, ran Caliper from 3180 to 3563 in total 3 hrs, then CO w/ SP from 3563 to 3593 TD in 4 hrs. SD for nite.

HUMPHRY "A" #2, 3593 TD.

7/17 Ran SP to 3593, no fillup, ran Lynes OH pkr on 2-7/8 tbg set @ 3504, Western Co treated OH 3504-93 down 2-7/8 tbg w/ 1500 gals 15% NE HCl acid, BDTP 700, TTP 900, rate 4.0 BPM, ISIP 500, 5 min SIP zero, job compl @ 11:45 a.m. 7/16/69, P&LD 2-7/8 tbg & pkr, now running prod tbg. SD for nite w/ 9 jts in hole. - 1800 BLW + 36 BAW.

HUMPHRY "A" #2, 3593 TD.

7/18 Finish running tbg, bottom up 2-3/8 EUE 8rd J-55 mud anchor @ 3588, T. Perfs 3552-55, SN @ 3551-52, 6 jts 2-3/8 tbg + 106 jts 2-7/8 10V thread tbg, ran 2" x 1 1/2" x 12' pump on 3/4 rods to 3551, hung well on pump, started pumping @ 5:30 p.m. 7/17/69, RD & Rel DA&S Well Serv unit @ 5:30 p.m. Rel to Prod. - 1800 BLW + 36 BAW to rec.

HUMPHRY "A" #2, 3593 TD.

7/21 P O BO + 36 BAW + 195 BLW/72 hrs. Prep to lengthen stroke on pumping unit. - 1605 BLW.

HUMPHRY "A" #2, 3593 TD.

7/22 P O BO + 85 BLW/24 hrs. - 1520 BLW.

HUMPHRY "A" #2, 3593 TD.

23 Lengthened stroke, unit out of balance, did not run, shortening stroke today. - 1520 BLW.