



dugan production corp.



W. P. CARR
 Larcher #2
 1720' FNL - 1725' FEL
 Section 13, T31N, R11W
 San Juan County, NM
 Elevation - 5860'

DAILY REPORT

- 12-7-75 Move in Young Drilling Co., rig up. Spud well 10:00 pm 12-6-75. Drilling at 37' with bit #7, drilling river boulders.
- 12-8-75 Drilling at 100' with bit #21. Drilled boulders to 74'.
- 12-9-75 Drilling 6 3/4" hole at 613'. - Water. Drilling 12 1/4" hole to 170'. Ran 4 jts 8 5/8" OD 24# K-55 8R ST&C casing. TE 154.3' Set at 166' RKB. Cemented w/160 sx Class B Cement, 2% Cacl. POB 12:15 pm 12-8-75. No cement to surface - waited 2 hours - ran 2 3/8" tbg down outside of 8 5/8" csg - hit cement at 31'. Recemented surface csg. with 95 sx Class B Cement, 2% Cacl. WOC. Nipple up and drlg. rat hole - Drill out from under surface at 1:00 am 12-9-75.
- 12-10-75 Depth 1652', drlg w/wtr. Deviation 3-3/4° @ 1405'.
- 12-11-75 Depth 2508', drlg w/Bit #5, mudding up. Vis 40, Dev 1° @ 2427'.
- 12-12-75 TD 2705'. Schlumberger ran IES GR Density logs. Ran 66 jts 4-1/2" OD 10.5# JE 8R ST&C NKK Range 3 csg. TE 2693' set @ 2705' RKB. Cemented w/150 sx Halliburton lite cement plug 4% excess gel and 12-1/2# gilsonite/sk, followed by 100 sx Class "B" 1/4# flow seal/sk (total slurry 466 cu ft), good mud returns while cementing. Max cementing press 1100 psi, worked csg while cementing, circulated approx one bbl cement. POB 2:30 AM 12-12-75.

WAITING ON COMPLETION

- 12-18-75 PBTD 2628' RKB. Go International ran Gamma-Ray correlation and collar log and perf 2621-26', 2590-2602', and 2577-81' (Schlumberger measurement) over portable mast w/2 jets/ft. SWF by Western Company w/35,000# 10-20 sd, spearhead frac w/300 gal 15% HCl acid followed by 50 bbls wtr pad and 833 bbls wtr to frac and 50 bbls wtr to flush. Total wtr used to breakdown, frac, and flush 1011 bbls. Dropped 30 rubber covered nylon balls in 3 stages of 10 balls ea (press increased from 1800 to 2450 first stage, 2450 to 2800 second stage, and 2800 to 3400 third stage). Breakdown press 3100 psi, minimum treating press 1750 psi, maximum treating press 3400 psi, average treating press 2700 psi. Overall injection rate 28 BPM. Instant shut down press

DAILY REPORT (Cont'd)

12-18-75 550 psi, 10-min shut in press 450 psi. Job complete 4:15 PM
(Cont'd) 12-17-75. Left well shut-in overnight.

12-19-75 Moved in Farmington Well Service pulling unit. Opened well up and ran 2-7/8" sand pump, made 3 runs w/sand pump, well flowing back. Removed Western Company valve and installed wellhead and Rector stripper head. Ran 83 jts 1-1/4" OD 2.4# 10R EUE CP-55 Wheeling tbg. TE 2568.62 set @ 2577' RKB (tagged sd @ approx 2605' RKB). Well was flowing thru csg while running tbg. Left well flowing thru tbg overnight.

12-20-75 Well died overnight. Rigged up and swabbed well in thru 1-1/4" tbg. Well had 700 psi on csg when started swabbing. Released pulling unit and shut well in for testing.

SHUT IN FOR IP TEST (by Woodrow Stiles)

12-30-75 Open flow test data
SICP = 955 SITP = 957 CAOF = 1728 MCFGPD

FINAL REPORT

