

R E C E I V E D

OCT 15 1971

RE-ENTRY

O. C. C.
ARTESIA, OFFICE

NEW MEXICO STATE "L" #1

Pr.#30-70(6) AFE 48-71

August 16, 1971 - Monday

Moving in Rotary Rig. Prep to start re-entry tomorrow.

August 18, 1971

W.E.K. moving in rig.

August 19, 1971

Commence work today. Rigged up.

August 20, 1971

Finished rigging up at 2 PM, 8-19-71. Loaded hole w/9# 38 Vis. mud, approx. 10 bbls. Welded on slip collar. Picked csg. up off slips, Ran Dia-Log free point 4325'. Csg. collar 4321'. Shot pipe at 4318'. Circ. 1 hr. with 9# 38 Vis. mud. Laid 132 jts. 4½ csg. Nippled up BOP. Took up 7-7/8" bit, DC and DP and now going in hole.

August 21, 1971

Ran 7-7/8 Bit, 4 DC's and DP to 4315 KB. Circ. 1 hour in hole. Mud wt. 9.2 Vis. 35. Pulled DP and bit. Ran up ended DP to 4304'. Spotted 35 sxs cmt. plug 4300 to 4200. Reset DP 2755'. Spotted 150 sxs plug. Type H cmt. 10# snd. 5# salt, 3/4" of 1% CFR2, 2755 to 2600. Finished at 12 midnite. WOC 7 hrs.

August 22, 1971

WOC 17 hrs. Ran 7-7/8 (w-7 bit, 6 1/8 Model) DC, 3- 6½ DC's and DP to 3500. Hit cmt. stringer at 2692'. Clean hole. Pulled DP.

August 23, 1971

Ran DP to 2875. Spotted 300 sxs Type H, 10# snd, 5# salt. Pulled 2475 to 2875. Plugdown at 9:30 AM, 8-22-71. Pulled DP out of hole at 11:30 AM. WOC

August 24, 1971

Ran 7-7/8 Bit in w/4 DC's and DP. Hit cmt stringers at 2415'. Hard cmt 2630-40'. Stringers to 2680'. Hard cmt from 2680-92. Avoid from 2692-2709. Hard cmt to 2715. Pulled DP, Straight hole orientation 2°N 4°W. Ran 7-7/8" Hughes X-7 Bit, 5" O.D. Dyna-Drill, 2½" Bent sub, 1-6 1/8 Mono Collar, 7-6½ DC's and DP to 2715. Oriented tools S 30°W. Tool torque 40 to 50° to the left. Puts direction S 10-20° East. Drilled w/Dyna-Drill from 7:30 PM to 5 AM to 2764. Trip out of hole. Mud wt. 9 Vis. 38

August 25, 1971

Ran Whipco hole opener, 7-7/8 bottom hole reamer to 2715' and reamed to 2755'. Ran Sperry Sun single shot survey. Had 2-3/4° inclination, 33° E hole direction. Pulled DP, Ran 7-7/8 J-8 bit, bottom hole reamer. Reamed 2755-2764. Drilled to 2891. Picked up to 2850'. Ran straight hole (tot 4°). Drill pipe stuck. Unable to work pipe back down. Good circ. Spot 75 Bbls. crude oil 3 PM. Pipe worked free 5:30 AM. Circ. to condition hole.