

JICARILLA u 70-7
Blanco Mesa Verde Fld
Rio Arriba Co, NM

(1) 311 ND sd, 12 1/4 hole, 3/4 @ 309, Spud Mud.
Cactus Rig #20 spud 12 1/4 hole @ 9 PM 8/31/76, drill
to 311, circ 1 1/2 hrs, POH, ran 9 jts 8-5/8 20# csg
set on bottom @ 311, prep to cmt.

9/2/76

(2) 311 WOC 8-5/8, BJ cmt 8-5/8 on bottom @ 311
w/ 300x B + 2% CaCl2, PD 7 AM 9/1/76, cmt circ. WOC 184-5

9/21/76

(21) 6300 TD sd & sh, 7-7/8 hole, 8.8-65-6.
1-3/4 @ 6300, circ 1 hr & make short trip, circ
2 hrs & POH, Welex attempt to log & stopped @ 2050,
ran bit to 2500 & circ 1 1/2 hrs, now POH to log.

9/22/76

(22) 6300 TD sd & sh, 7-7/8 hole 9-75-5.
Fin POH & Welex Log stop @ 3000, ran bit to 6300
& circ 4 hrs, POH, Welex ran IES log 300-6300, CDL
& GR & Cal 4600-6300, SWN w/Cal 300-6300 in 9 hrs,
now GIH w/DP to LD.

9/24/76

(24) 6300 TD, WOC on 4-1/2" csg, fin running 4-1/2"
csg to 6300, total of 197 jts 4-1/2" 10.5# K-55 csg,
FC @ 6283, DV tool @ 4220, pump 400 bbls mud w/no
ret, BJ Serv cmt 1st stage w/200 sx LW cont 5# gil-
sonite & 1/4# flocele/sx + 300 sx Class C cont 1/4#
flocele/sx, no returns on 1st stage, plug down @
10:45 AM 9/23/76, circ thru DV tool @ 4220 6 hrs
w/50% returns, cmt 2nd stage thru DV tool w/1000
sx LW cont 5# gilsonite + 1/4# flocele/sx + 100 sx
Class C cont 1/4# flocele/sx, plug down @ 6:30 PM,
9/23/76, gd circ for 45 min on 2nd stage of cmt &
then no returns.

9/25/76

6300 TD, WOC 14 hrs & ran temp survey & indicate
1t cmt top @ 2750 & gd cmt @ DV tool @ 4220, set
slips & cut off & clean pits, released Cactus
Drilg Co @ 10:00 AM, 9/24/76, MORT.

10/28/76

6300 TD, 6293 PBTD.
Ran 2-3/8 OE to 6272, rel Drake Well Serv DD unit
10/27/76, MI Big A SD unit 10/27/76, test csg to
3500 psi, displ hole to 1% KCl wtr, POH, Schl ran
GR-Collar log 4496-6296, perf lower Mesa Verde.

9/29/76

6300 TD.
BJ press 4-1/2 csg to 1000, pmpd 800 sx BJ 1t wt
down 8-5/8 & 4-1/2 annulus press 500-600, ISIP
300. Job Comp @ 7:00 PM, 9/28/76.

10/29/76

6300 TD, 6293 PBTD.
Schl perf lower Mesa Verde 6074; 76; 78; 80; 84;
86; 88; 90; 6108; 10; 12; 14; 16; 18; 20; 22; 24;
26; 28; 30; 32; 34; 36; 38; 42; 44; 58; 60; 62; 88;
90; 92; 6208; 10; 12; 14; 16; 18; 20; 22; 24; 26;
28; 30; 32; 42; 44; 48; 50; 54; 64; 68; 70; 72;
54 holes, Howco acidize perfs w/ 2500 gals 15% NE
HCl + 80 RCNBS, TCP 900-3500 @ 20 BPM, ball out,
ran WL GR & rec 40 RCNBS, Howco frac perfs 6074-
6272 down 4 1/2 csg w/ 129,500 gals Versagel +
468,000# 20/40 sd + 34 RCNBS in 3 stages, TCP 1000-
2000 @ 50 BPM, ISIP 500, 10 min 400, ran FEL log,
frac stayed in zone, top 6074, bottom 6272, ran WL
BP to 6022, SDFN.

RECEIVED
JAN 20 1977

U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C.