

NEW MEXICO

CACTUS AREA

Shell-Isleta Central #1
(WC)
16,300' Entrada Test
KB 5066', GL 5044'
Sidetracked @ 951'
9-5/8" csg @ 5334'
7" csg @ 14,104'

TD 16,346. PB 12,384. Swabbing FL @ 3500' 1st run.
6/27 Fin'd perf'g by Schl using 2" OD thru tbg gun (scallop)
loaded w/6.2 gram high temp hyper jet charges. Depths
correlated to Schl Formation Density Log Run #N-2 D-4
dated 1/28/75. Shot 4 jets/ft @ 12,303-12,309 (6'),
12,291-12,298 (7'), 12,259-12,283 (24'), 12,246-12,252
(6') & 12,209-12,225 (16') - total of 73' (292 holes).
Swabbed well down to 9000'. No fluid entry. SD overnight.
6/28 RU Hal. Heated acid & KCl wtr to 120 deg. Installed
Hal isolation tool in X-mas tree. Loaded tbg w/1% KCl
wtr (50 bbls). Est inj rate 6 B/M @ 6500#; 3000# on
annulus. Acidized perfs 12,909-12,345 (73') 292 holes
w/9000 gals 15% HCl inhibited acid & 914 units radioactive
iodine (8 day half life material). Max trt'g press 6900 psi,
min 6200, avg inj rate 6 B/M. Fair break w/acid 1st on
formation 6400-6200#. Dropped 450 7/8" balls - 1 every 2
bbls. Faint ball action. Did not ball out. Total load
to rec 340 bbls. ISIP 4350, 5 mins 4100, 10 mins 3800, 15
mins 3750. Flushed acid w/95 bbls 1% KCl wtr. Bled off
press 1 hr. Back flushed est 100 bbls load & acid wtr. RU
Schl & ran Tracer Survey. Survey indicated RA iodine in all
perfs. Total rec 140 bbls, 290 bbls under load. SI @
7 p.m. 6/28/75. 12-hr SITP 550# 7 a.m. 6/29/75. 7/29
12-hr SITP 100# 6/30. Swabbed FL down to 9000' @ 11 a.m.
4 hrs (60 bbls). Made 1 run/hr 11 a.m. - 7 p.m. w/avg of
500' fluid entry/hr. 8 runs (24 bbls). Total rec today
84 bbls. Total rec 224 bbls, 116 bbls under load.

JUN 30 1975

PRIVATE & CONFIDENTIAL
TIGHT HOLE INFORMATION

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TD 16,346. PB 12,384. Prep to sqz perfs 12,209-12,345.
12-hr SITP 100#. FL 5500'. Swabbed down to 9000' - 7 a.m.
to 9 a.m. (42 bbls). Ran swab once/hr - 10 a.m. to 6 p.m.
Fluid rose 4 to 500'/hr (3B/H) - 42
9 runs - 1/hr x 3 bbls = 27 bbls 27
Total Recovery 69 bbls
Chlorides 90,000 PPM
Gas decreasing - too small to measure. Lack 47 bbls
load to recover.

JUL 01 1975