

P-TAIL SHEET TO BE ATTACHED TO USGS FORM 9-331 concerning:

Santa Fe 078356-A
Buerfanito No. 79
NE/4 Section 26 - 27-N - 9-W
San Juan County, New Mexico.

Basin Dakota Pool

Operator: La Plata Gathering System, Inc.

October 29, 1964 After drilling to 6810' - ran Lane Wells Induction ES and Accoustic Logs.

Ran 212 joints of 5-1/2" 15.5# J-55 STC casing. Cemented in three stages: Stage 1: Ran GP 100 flush, followed 225 sacks 4% gel Class A cement with 3/4 of 1% CFR-2. Displaced at 13 barrells a minute. Stage 2: Ran PG 100 flush, followed 175 sacks 4% gel Class A cement with 3/4 of 1% CFR-2. Displaced at 12 bbls a minute. Stage 3: 50 sacks 4% gel Class A cement.

November 14, 1964 After moving in completion rig - flushed casing with 258 gallons acid. Ran tubing to 6225'. Swabbed fluid level to 5500'.

November 15, 1964 Perforated Dakota with 1 jet/ft. as follows: 6569-84; 6596-6600; 6607-18; 6622-26; 6640-44; 6647-50; 6665-72.

Fracced stage #1 -used 4000 H.M.P. 38,100 gal water, 37,000# 40-60 sand treated with 3 lbs. per 1000 gal FR-8 and 300 SCF CO₂; Ran 1% KCl flush; ~~run~~ tailed in with 500# glass beads; set Baker Mg. bridge plug @ 6560'; tested to 3500#. Perf. Dakota with 2 jets per foot: 6445-50; 6507-11; 6517-30.

Frac Stage #2: Spotted 250 gal. 7.5% HCl across perf. Broke down at 3000#. Fracced with 39,100 gal water and 37,000# 20-40 sand; tailed in with 500# glass beads; treated with 3 lbs. per 1,000 gals FR-8 and 310 SCF CO₂; treating pressure 3000-3300. Ran 1% KCl flush. Set Baker mg. bridge plug @ 4598; pressure tested to 3500#.

Perforated Mesaverde with 1 jet/ft. 4374-83; 4389-4406; 4421-32; 4444-50; 4455-61; 4471-88. Frac stage 3: Used 3694 HHP; fraced with 78,200 gallons water and 75,000 lbs. 20-40 sand treated with 3 lbs/1000 gal FR:-8 and 363 SCF CO₂.

November 18, 1964 Set Baker Model D Production P cker at 6346' on wire line.

November 20, 1964 Ran ~~2 1/2~~ 2-1/16" tubing - JCW-55 Aztec tubing with packer seal assembly pump without plug and Baker sliding sleeve - landed in packer at 6346'. Ran 1-1/2" JCK-55 Aztec tubing at 4271'.

