

DETAIL SHEET TO BE ATTACHED TO USGS FORM 9-331 CONCERNING:

SANTA FE 078200-B

Riddle No. 1-27

SW/NE Section 27 - Township 30-North, Range 10-West  
San Juan County, New Mexico.

Operator: La Plata Gathering System, Inc.

- November 3, 1964 After drilling to 7403', ran Schlumberger Laterolog and Sonic log. Ran 224 joints 4-1/2" 10.50# J-55 STC casing to 7403'. Cemented in three stages:
- Stage #1: 225 sacks 4% gel class "A" with 1% Dowell TIC preceded with GP-100 flush Displaced @ 10 BPM. Needed 6 BPM for turbulent flow. Bumped plug with 2500 psi.
- Stage #2: 150 sacks 8% gel Class "A". Bumped plug with 2500 psi. Stage collar at 5189'.
- Stage #3: 50 sacks 8% gel Class "A". Bumped plug with 2500 psi. Stage collar at 2883'.
- December 1, 1964 Moved in completion rig. Drilled collars at 2883 and 5189. Cleaned out to 7367. Spotted 250 gal. 10% Acetic on bottom and pulled tubing. Pressure tested casing to 3500 lbs. Ran Gamma Ray and Collar Locator Log. Ran cement bond log. Found good bond throughout pay intervals. PBTD by log 7370'.
- December 2, 1964 Blew well down to 6250'. Attempted to frac. Sanded off after about 10,000 lbs. sand were displaced. Flushed sand. Ran Baker Magnesium Bridge plug and set at 2275'. Pressure tested plug - failed at 1800 psi. Ran another Baker top drillable Magnesium Bridge plug and set at 7215'. Pressure tested OK at 3500 psi.
- December 3, 1964 Perforated with 4 JSPF 7197-7200, 7169-72, 7177-80, 7094-98. Frac stage No. 2: With 46,200 gallons water treated with 1% KCI & 2 1/2#/1000 gal FR-2. Displaced 35,000# 20-40 sand and well sanded off.
- Drilled 2 bridge plugs, and cleaned out to PBTD.
- December 4, 1964 Ran 225 joints 2-3/8" EUE, 8R, J-55 tubing - length 7079'. Landed at 7089' with Baker expandable float valve on bottom. Hooked up well and pumped valve out.
- December 5, 1964 Shut in to await potential test and pipe line connection at 3:00 P.M.

