



(SUBMIT IN TRIPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. **SR 079304**  
Unit \_\_\_\_\_  
**Sanchez #1**

**SUNDRY NOTICES AND REPORTS ON WELLS** **RECEIVED**

|                                                |                                            |                               |
|------------------------------------------------|--------------------------------------------|-------------------------------|
| NOTICE OF INTENTION TO DRILL                   | SUBSEQUENT REPORT OF WATER SHUT-OFF        |                               |
| NOTICE OF INTENTION TO CHANGE PLANS            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | <b>AUG 1 1960</b>             |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF     | SUBSEQUENT REPORT OF ALTERING CASING       |                               |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | <b>U.S. GEOLOGICAL SURVEY</b> |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE        | SUBSEQUENT REPORT OF ABANDONMENT           | <b>FARMINGTON, NEW MEXICO</b> |
| NOTICE OF INTENTION TO PULL OR ALTER CASING    | SUPPLEMENTARY WELL HISTORY                 | <b>X</b>                      |
| NOTICE OF INTENTION TO ABANDON WELL            |                                            |                               |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**July 26, 1960**, 19\_\_

**Sanchez**  
Well No. **#1** is located **550** ft. from **[N]** line and **660** ft. from **[W]** line of sec.

**NE 1/4 NE 1/4** 24  
(1/4 Sec. and Sec. No.)

**26N**  
(Twp.)

**6W**  
(Range)

**N100W**  
(Meridian)

**South Blanco**  
(Field)

**Rio Arriba**  
(County or Subdivision)

**New Mexico**  
(State or Territory)

The elevation of the derrick floor above sea level is **6672** ft. DR

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 6-27-60 - Perforated 4 jets per foot from 7444 to 7450 & 7474 to 7488'.  
6-28 - Fractured w/30,900# 20-40 sand & 56,700 gal. water. Screened out after 3108 gal. flush water was used.  
BDP - 3000# to 2000# AIR - 25.3 BPM  
TP - 3250# to 4200# SWR - .7# per gal.  
Well unloaded and cleaned up under its own power.  
6-29 - Bridge plug set at 7430'. Perforated 7401 to 7415 w/4 jets per ft. Could not frac above interval due to excessive pressures. Perforated 7268 to 7294 w/4 jets per foot. Fractured 7268-7294 & 7401-7415 w/58,000# 20-40 sand and 78,120 gal. water. Screened out at this point.  
BDP - 2900# AIR - 34.4 BPM  
TP - 2900# to 4200# SWR - .7# per gal.  
ISIP - 1630#

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. (over)

Company **Caulkins Oil Company**

Address **Box 780**

**Farmington, New Mexico**

By *Charles J. [Signature]*  
Title **Production Foreman**

July 1 - Ran tubing to 7430'. Did not have enough gas pressure to gas drill bridge plug. Gas from well gauged 1162 MCF. Drilled bridge plug w/water and cleaned out to 7635'.  
 7-3 - Gas volume 2166 MCF after 34 hrs. Set bridge plug at 7245'. Perforated 3350-3351 w/4 holes. Cemented w/25 sacks common cement. One barrel over displaced cement.  
 7-4 - Tested cement after 11 hrs. Could pump through perforations w/2000# pressure pumping 5 BWN. Had small return of water from annulus. Re-cemented w/15 sacks common cement through perforations 3350-3351'. Had standing pressure of 750# at completion of squeeze.  
 7-5 - Drilled cement. Had cement to 3350'. Perforations would take 2 BWN at 1000#. Had slight return from breadhead. Ran Howo DM Squeeze RMX Packer to 3150'. Cemented through perforations w/10 sacks common cement. Had no standing pressure. After 12 hrs. pumped 2 BWN through perforations w/1200# pressure. Still slight breadhead return. Cemented w/40 sacks, latex cement, of which 27 sacks was squeezed through perforations. Final pressure 2050#.  
 7-6 - Drilled cement retainer. Found cement under retainer at 3250'. Drilled cement to 3350'. Tested casing w/1400# for 30 minutes. No decrease.  
 7-8 - Cut 5" casing at 2976'. Pulled 5" casing. Ran mill and belled top of 5" casing.  
 7-9 - Drilled bridge plug at 7245'. Well unloaded under own pressure. Ran casing scraper to 3500'.  
 7-10 - Set Baker Model "D" Packer with expandable bridge plug at 7240'. Ran McCullough junk catcher then perforated 3065-3110' w/2 McCullough jets per foot. Fractured w/50,000# 10-20 sand and 34,440 gal. water. Flushed with 5880 gal. water.  
 BWP - 2100#  
 TP - 2000# to 1400#  
 ISIP - 800#  
 AIR - 53 BPM  
 SWR - 1.45# per gal.  
 7-11 - Ran 2" tubing to 2945 and swabbed well in.  
 7-13 - Casing pressure 663# after 17 hrs. Opened well for 3 hours through 3/4" choke. Gas volume 3101 MCFD. CAPI 7194.  
 7-21 - Pulled tubing. Ran 2 3/8" tubing with special clearance couplings, testing each joint with Loomis Hydraulic Service. Tested each joint with 5000# pressure. Tubing was run with regular Baker Seal Assembly with 1 1/2" x 5' flanged flow tube below. Tubing also has standard 1 25/32" seating nipple immediately above locator collar. Tubing latched in packer at 7240'. 1 1/2" OD tubing run to 2963'.