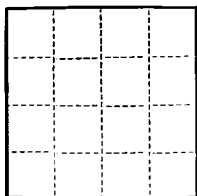


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **077107**  
Unit **Michener**



SUNDRY NOTICES AND REPORTS ON WELLS

|  |  |
|--|--|
| NOTICE OF INTENTION TO DRILL                   | SUBSEQUENT REPORT OF WATER SHUT-OFF        |
| NOTICE OF INTENTION TO CHANGE PLANS            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING |
| 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 |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE        | SUBSEQUENT REPORT OF ABANDONMENT           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING    | SUPPLEMENTARY WELL HISTORY                 |
| NOTICE OF INTENTION TO ABANDON WELL            |  |

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

July 12, 1957

Well No. **1-A** is located **990** ft. from **N** line and **1650** ft. from **E** line of sec. **33**  
**NE** Sec. **33** **28N** **9W** **N.M.P.M.**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Aztec F.C. Ext.** **San Juan** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6953** ft.

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)

- 5-24-57. Rig up E.L. Chilton & Son cable tool rig #1.
- 5-25-57. Set Baker Model "K" cast iron ret. @ 4350'. Pumped 200 sks. reg. cement in F.L. pumping pr. 1800#.
- 5-26-57. Perf 4 holes @ 3140'. Set Baker cast iron ret. @ 3093'. Pumped thru perf w/100 sks. reg. cement. Pumping pr. 1000#-1500#. Dropped bridging ball. Reversed out. Tested csg. w/2000#. O.K.
- 5-27-57. Perf w/4 way jet @ 2900'. Set Baker full bore ret. cementer @ 2712. Sq.perf w/100 sks. Most cement, B.D. 1000#, pump 1000#, final sq. pr. 2000#. 85 sks. behind csg.
- 5-29-57. Cleaned out to 3093. Spotted 250 gal. MCA across interval before perforating & loaded hole. Cast iron B.P. previously set @ 3093. Perf w/2 DJ/ft. 2974-3010. Water frac P.C. perf int w/30,100 gal. water & 40,000# sand. Flush w/5100 gal. water. I.R. 82.0 BFM, B.D.F. none, avg. tr. pr. 1000#, max. pr. 1000#.
- 5-31-57. Ran 142 jts. 1-1/4" tbg. 2974'.

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

Company **El Paso Natural Gas Co.**  
 Address **Box 997**  
**Farmington, New Mexico**  
 By **Original Signed D. C. Johnston**  
 Title **Petroleum Engineer**