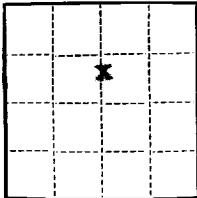


(SUBMIT IN TRIPLICATE)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **079011**  
Lease No. **San Juan 32-5**  
Unit **RECEIVED**  
**DEC 15 1961**

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	Report of sand fracturing, etc. XXXX

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

December 15, 1961

**San Juan 32-5 Unit**  
Well No. **2-24** is located **2,310** ft. from **[N]** line and **1,550** ft. from **[E]** line of sec. **24**  
**NE/4 Section 24** **32-North** **6-West** **N.M.P.M.**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Basin Dakota** **Rio Arriba County** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6,320** 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)

Oct. 12, 1961. Ran 244 jts. 5 1/2", 17#, N-80, LTC csg. Ran automatic fill float shoe and float collar. Set stage collar at 5854'. Total string 8077.71' - landed depth 8,063' ~~WCS~~. Cemented stage 1: 150 sacks 1:1 Diamix with 2% gel. at 13.5#/gal. Had complete returns. Pumped collar with 1500 Psi. Float held. Cemented stage 2: 150 sacks mixed as in stage 1. Had complete returns. Closed stage collar with 2000 psi. No backflow.  
Oct. 19, 1961. FBTD: 8024'. Tested casing to 4500 psi. Good test. Perforated with 4 shots/ft. - 8014'-7998'; 7966'-7954'. Fractured stage 1: 3000 HHP: 35,000 lbs. 20-40 sand with 52,000 gal. water with 1% CaCl<sub>2</sub> and 34# J-101 per 1000 gal. Breakdown 4900 psi. Avg. rate 31 ~~MBP~~ BPM. at 4200 psi. Max treating pressure 4500 psi. Ran mag. top drillable bridge plug - set at 7934'. Perforated interval 7888'-7910' with 4 jets/ft. No communication. Fractured stage 2: 20,000 lbs. 20-40 sand and 22,000 gal. water - same additives as Stg. 1. Avg. rt. 28 BPM @ 4200 psi. Max. 5700 psi.

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

(Continued on Page 2)

Company **XXXXX La Plata Gathering System, Inc.**  
Address **P. O. Box 728**  
**Farmington, New Mexico.**  
By **C. Beeson Neal**, Agent in Farmington  
Title