

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **080657**
Unit **San Juan 32-5**

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.....	Sub. Rep. of Sand Water Fracturing xxx

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

October 15, 1960

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San Juan 32-5

Well No. **1-31** is located **990** ft. from **[N]** line and **713** ft. from **[E]** line of sec. **31**

North 40 acres

Section **31**
(1/4 Sec. and Sec. No.)12-North
(Twp.)3-West
(Range)N.M.P.M.
(Meridian)Undesignated
(Field)Rio Arriba County
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is **6,665** ft.

DETAILS OF WORK

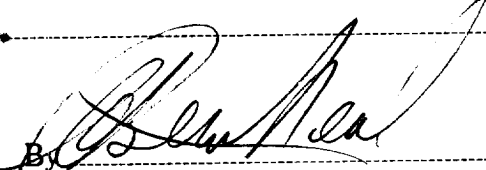
Page 3.

(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)

On 9/20/60 squeezed with additional 100 sacks. Pressured up to 2500#. Circulated 5 sacks. On 9/28/60 perforated with 2 Western Co. J-2 rocket jet shots per foot as follows: 6006-28', 5988-6000', 5970-73', 5958-62', 5929-54', 5918-25'. Run tubing with packer at 5904. Acidized with 1,000 gallons 15% HCl. On 9/29 acidized with 500 gallons 15% HCl. On 9/30 sand water fractured with 30,000 gal. water, 1 1/2 gal. chl. & 7# per M gal. J-2 gelling agent, 30,000# sand. Flushed with 6,300 gal. Avg. inj. 85 b.p.m. On 9/30 set Baker Model NE drillable plug at 5900'. Perforated 2 shots per ft., 5876-83', 5866-70', 5830-52', 5790-66', 5638-47'. Sand fraced with 25,000 gal. water, 1 1/2 ca. chl. and 7# per M gal. J-2 gelling agent, and 25,000# 20/40 sand. Flushed with 6,000 gal. water. Used 1000 gal. 15% spearhead acid in initial stages. Avg. inj. 85 b.p.m. On 10/7 run Baker Model D production packer at 8070'. Run Dakota tubing: 263 joints 2-1/16" CS H-80 Hydril, landed at 8070'. Then Verde tubing: 182 joints of 1-1/4" BUE J-55 landed at 6043' HCB. On 10/13/60 shut well in to await potential test.

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

Company **La Plata Gathering System, Inc.**Address **Box 728****Farmington, New Mexico.**

By 
C. Rossen Neal, Agent in Farmington
Title