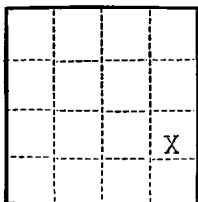


(SUBMIT IN TRIPLICATE)

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	XXXXX
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	XXXX
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)

December 2, 19 62  
La Plata Gathering System, Inc. - San Juan 32-5 Unit  
Well No. 1-X-19 is located 1,600 ft. from ~~1000~~ [S] line and 734 ft. from [E] line of sec. 19  
Lot 3 - Section 19 32-North - 5-West N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco M.V. & Basin Dakota Rio Arriba County New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6,310 ft.

DETAILS OF WORK

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

August 30, 1962. After drilling to 977' - set 32 joints of 10-3/4", 40.5#, J-55 STC casing. Ran guide shoe on bottom joint and float collar 30' off bottom. Cemented with 600 sacks regular cement with 4% gel (slurry wt. 14.2#/gal) followed by 100 sacks regular cement with 2% CaCl<sub>2</sub> (Sluffy wt. 15.6#/gal). Displaced cement with 93 BW. Bumped plug with 1500 psi. Float held. Circulate approximately 200 sacks cement. On 8/31/62 tested casing with 1000 psi for 30 minutes. No leaks. Drilled out 2 ft. below casing shoe and pressured up with 300 psi. Shoe held pressure.

September 18, 1962. After drilling to 5751', ran 7-5/8" casing - 167 joints of 7-5/8" 26.40# N 80 LTC casing, landed at 5,751' RKB. Cemented with 274 barrels water.

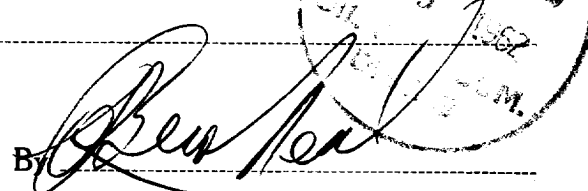
(Continued on separate sheet.)

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

  
Title C. Beeson Neal, Agent in Farmington



CONTINUATION SHEET - to be attached to USGS Form 9-331a - dated December 2, 1962.

Santa Fe 080657

La Plata Gathering System, Inc. - San Juan 32-5 Unit Well No. 1-X-19

Lot 3 - Section 19 - 32-N - 5-W - NMPM

Blanco Mesa Verde and Basin Dakota Fields.

---

September 20, 1962. Pressured up 7-5/8" casing with 1500# for 30 min. Held OK. Continued drilling with rotary rig.

October 11, 1962. After drilling to 8040' RKB, ran and cemented liner: Used 72 joints 5-1/2", 17# J-55 casing with guide shoe and float collar - landed at 8036'. Top of liner at 5727'. Cemented with 175 sacks 4% gel with 25# gils/sx (12.7#/gal slurry weight) and 50 sacks cement with 9% Latex (15.2#/gal). Displaced cement with 96 BW. Float held. Reversed out 19 sacks cement from top of liner and displaced hole with water.

October 27, 1962. Tested casing to 4000 psi. No leaks. Cleaned out liner to PBTD of 7950'. Perforated Dakota: 4 shots/ft: 7794'-98' (4'): 7802'-08' (6'): 7842'-74' (32').

Fractured Dakota: 25,000# 40-60 sand followed by 40,000# 20-40 sand, 65,000 gal. water with 1% CaCl<sub>2</sub> and 10# J-2/1000 gals. BDP: 3800#; Avg. rate 50 BPM; 3300 psi. Set top drillable bridge plug at 6020'. Tested top of plug to 2000 psi. No leaks.

Mesa Verde perforations: 2 jet shots/ft. 5704'-16'; 5648'-54'; 5566'-96', 5516'-25'; 5476'-86'; 5422'-50'; 5378'-80'.

Fractured Mesa Verde: 80,000 gal. water and 80,000# 20-40 sand. BDP 1000#. Avg. rate 85 1/2 BPM @ 1100 psi. Dropped 110 balls: 50 at end of 30,000# sand, 30 at end of 50,000#, 30 at end of 60,000#.

November 2, 1962. Set Baker Model "D" Production packer @ 7780' with wire line. Ran and landed tubing: Dakota: 246 joints, 2-3/8", 4.7#, J-55 EUE tubing and one 10' pup joint. Hydra tested tubing to 5500 psi. and had no leaks. Mesa Verde: Ran 166 jts. 1-1/2" Jal Con weld "50" tubing. Landed at 5385'.

Nippled up well head. Potential tests to be taken in due course.

*[Handwritten signature]*