



(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 Land Office **Santa Fe**
 Lease No. **080567**
 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. Report of San 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.) (Twp.) (Range) (Meridian) **N.M.P.M.**
Undesignated **Rio Arriba County** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)

 The elevation of the derrick floor above sea level is **6,666** ft.

DETAILS OF WORK

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(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 8/21/60 sand water fractured through perforations 8164 - 8398. Treated with 70,377 gallons water mixed with 1 1/2 calcium chloride and 7 1/2 W-3 per 1,000 gallons and 75,000# 20/40 sand, flushed with 5,000 gallons water. Average injection 48.3 b.p.m. Breakdown 2500-2000#.

On 8/31/60 spotted 1,000 gallons mud acid increasing - squeezed into perforations at 750-1500# psi.. On 9/15/60 set Baker Model K magnesium plug at 7998'. Perforated 6 jet shots at 5000'. Set Baker Model K magnesium cement retainer to be set at 5000'. On 9/16 squeezed with 100 sacks. On 9/17 temperature survey showed top of cement at 5010'. On 9/18 drilled out cement. Perforated 5831-32' with 4 jet shots. Set Baker Model K cement retainer at 5000'. Squeezed with 100 sacks. Pressure went to 2500#. Circulated out 20 sacks. On 9/19 pressured up to 2500#. Squeeze did not hold. Perforated 5735-36' with 4 jet shots. Set Baker Model K packer at 5715'. Squeezed with 100 sacks. Did not hold.

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

(Continued on next page)

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 By 
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 Title

