

(SUBMIT IN TRIPLICATE)

Indian Agency .....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee .....

Lease No. **1-142-1nd 4 5**

**Blanco Development 27-9**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		<input type="checkbox"/>

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

December 6, 1960

Well No. 4-12 is located 1090 ft. from NE line and 990 ft. from W line of sec. 12

S.W. Sec. 12

(1/4 Sec. and Sec. No.)

27-N

(Twp.)

9-W

(Range)

N.M.P.M.

(Meridian)

Blanco Mesa Verde Nat.

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 5001 ft.

DETAILS OF WORK

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

Spud date 10-5-60 On 10-6-60 Total Dpth. 177'

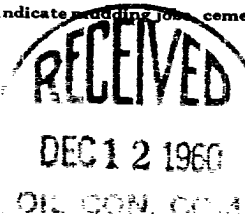
Ran 8 joints 9 5/8", 32.90 # J-55 casing (151') set at 173'  
w/180 sts. 90-90 Diamix, 2 # calcium chloride.

Held 600 / 30 minutes.

On 10-13-60 T.D. 4992'.

Ran 10 joints 5 1/2", 15.90 # J-55 liner (329') set from 4223 to 4992' w/147 sts regular cement, 4 # Gel, 1/4 cu.ft fine Gilscoite/sh.,  
1/8 # Floccite/sh.

Held 1900 / 30 minutes.



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

Company Pano Natural Gas Company

Address Box 990

Fortington, New Mexico

By ORIGINAL S. G. D. F. McANALLY

Title Petroleum Engineer