

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 076329
Unit Dams

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	<input checked="" type="checkbox"/>
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			

RECEIVED

AUG 10 1961

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

August 9, 1961

Well No. 6 is located 1150 ft. from N line and 800 ft. from W line of sec. 32

1/4 Sec. 32 (1/4 Sec. and Sec. No.) 28S (Twp.) 9N (Range) N.M.P.M. (Meridian)

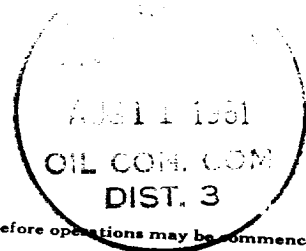
Basin Del Norte (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6029 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)

Spudded 7-31-61 - Total Depth 294'
Ran 9 joints 10 3/4", 32.7#, B-4 casing (282') set at 294' with 220 sacks regular, 2 1/2 A-6, 1/4 cu. ft. Strata-Crete "6"/sk circulated to surface. Held 600#/30 minutes.



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

Company El Paso Natural Gas Company

Address Box 990

Farmington, New Mexico

By Original Signed R. G. MILLER

Title Petroleum Engineer

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **September 1, 1961**

Operator El Paso Natural Gas Company	Lease Daum No. 6	State New Mexico
Location 1150'N, 800'W, Sec. 32-28N-9W	County San Juan	
Formation Dakota	Pool Basin	
Casing Diameter 4-1/2" O.D.	Tubing Diameter 2-3/8" O. D.	Set At Feet 6657
Ray Zone 6454	Total Depth 6710 c/o 6700	Shot In 8-23-61
Stimulation Method Sand/Water Frac.	Flow Through Casing	Flow Through Tubing X

Choke Size, inches .75	Choke Constant, C 12.365	Days Shut-in 9	Shut-in Pressure, Tubing 1545	PSIG - 12 - PSIA 1557
Shut-in Pressure, Casing 2030	PSIG - 12 - PSIA 2042	Flowing Pressure, P 582	Working Pressure, Pw 1465	PSIG - 12 - PSIA 1477
Temperature: T 87 °F	Ft. .9750		Sp. Gr. From Tables 1.057	Gravity .670
				Fg .9463

CHOKED VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$Q = (12.365)(594)(.9750)(.9463)(1.057) = 7163$ MCF D

OPEN FLOW $Aof = Q \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$

$Aof = \left(\frac{4,169,764}{1,988,235} \right)^n (2.0972)^{.75} (7163) = (1.7430)(7163)$

$Aof = 12,485$ MCF D



Checked by: **C. R. Wagner**

Witnessed by:

Checked by: W. D. Dawson

NOTE: Blew heavy fog of water during entire test.

Lewis D. Galloway
L. D. Galloway