

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 92-R358.4.  
Form Approved.

Land Office Santa Fe

Lease No. 078499-A

Unit \_\_\_\_\_

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	<u>Water Frac.</u>	<u>X</u>

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

July 23, 1962

Hardie "E"  
Well No. 4 is located 1827 ft. from XXX line and 1550 ft. from E line of sec. 16

SE Section 16  
(1/4 Sec. and Sec. No.)

28-N  
(Twp.)

8-W  
(Range)

N.M.P.M.  
(Meridian)

Aztec Pictured Cliffs  
(Field)

San Juan  
(County or Subdivision)

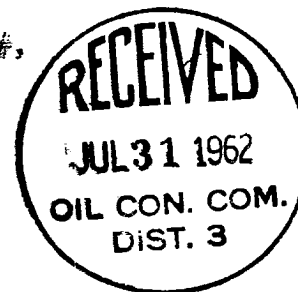
New Mexico  
(State or Territory)

The elevation of the derrick floor above sea level is 5361 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)

On 7-18-62, T.D. 2440'. C.O.T.D. 2392'.  
Perf 2322-28; 2298-2304; 2280-86 (2 BPP)  
Frac w/23,800 gallons water, 30,000# sand. Flush  
w/1280 gallons. I.R. 20.9 BPM. Max pr 3800#, tr pr 3200#.  
BDP 3200#, 2 drops of 12 balls.



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 D.W. Mcenan

Title Petroleum Engineer