



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office New Mexico  
Lease No. 13861  
Unit Graveling

SUNDRY NOTICES AND REPORTS ON WELLS **RECEIVED**

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	
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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

December 11, 1958

Well No. 3-A is located 1650 ft. from [N] line and 1650 ft. from [E] line of sec. 28  
NE Sec. 28 28N 34 N.M.P.M.  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco San Juan New Mexico  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5347 ft.

DETAILS OF WORK

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

WORKOVER

10-29-58 Rig up Company Tools C-99203. Ran choke in tubing.  
 10-30-58 Failed tubing.  
 10-31-58 Set B.P. Pr. up on casing. Casing leaking between 7" casing and surface pipe. Cemented between 7" casing and surface pipe w/100 sks.  
 11-1-58 Pr. up on casing. 7" casing held 1725#/30M. Pr. up on surface pipe 100# drop in 2 min. Tested to 1700#. Blowing hole and drilling B.P.  
 11-9-58 Ran 21 joints 5 1/2", 15.50#, J-55 liner (834') set from 3773' to 4507' w/75 sks. regular cement, 75 sks. Pozmix, 1/8# Floccs/sk, 4# Gel followed w/50 sks. Neat. Sq. top of liner w/100 sks. Neat. Max. pr. 3000#. Held 1000# for 30 minutes.

(OVER)

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 991

Farmington, New Mexico

By Original Signed R. G. MILLER

Title Petroleum Engineer

- 11-11-58 C.O.T.D. 4580'. Water free Point Lookout perf. int. 4456-4466; 4476-4486; 4502-4522; 4536-4546; 4556-4566; 4576-4586 (2 SPT) w/50,200 gal. water & 60,000# sand. BDP 2700#, max. pr. 2000#, avg. tr. pr. 2130#. I.R. 45 BPM. Pumped 1000 gallons.
- 11-12-58 Set 5 1/2" Mag. B.P. @ 4080'. Tested B.P. shot 4 way sq. shot at 3946'. Pumped in at rate of 4 to 5 barrels per minute at 1650#. Pr. dropped from 1650# to 650# in 20 seconds.
- 11-14-58 Set retrievable packer at 3800'. Perf. at 3946'. Tried 50 sks. Heat and then again w/50 sks. Heat. Third time w/100 sks. Heat. Max. pr. 3000#. Temp. B.P. @ 4080'. Water free Cliff House perf. int. 3887-3895; 3943-3949 w/47,440 gallons water & 40,000# sand. BDP 1500#, max. pr. 2100#, avg. tr. pr. 1650-2100-2000-1750#. I.R. 43 BPM. Flush 10,000 gallons. Dropped 4 sets of 10 balls and 1 set of 20 balls.
- 11-16-58 Set retrievable packer at 3818'. Pr. up to 2000#, on backside of tubing. Held O.K. Set retrievable packer at 3787'. Sq. Cliff House perf. 3887-3895; 3943-3949 w/100 sks. Heat, 2% CaCl<sub>2</sub>, 4# Fine tuff plug/sk. Max. & final pr. 4000#. Left approx. 2 barrels cement in liner.
- 11-19-58 Pulled bit up to 4074'. Pumped 500 gal. mud acid (7 1/2%) down tubing. Flushed down tubing w/700 gal. water. Flushed backside of tubing w/6200 gal. water. Final pr. 500#.
- 11-23-58 Ran 146 joints 2" tubing (4561') landed at 4571'.