

**APPROVED**  
JUL 27 1954  
P. T. McGRATH  
P. T. ENGINEER

(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office New Mexico  
Lease No. 03565  
Unit Gage

Oral Approval received from P. T. McGrath 7-22-54.

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	<input checked="" type="checkbox"/>	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.....			

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

RECEIVED  
JUL 27 1954  
OIL DIST. DIV.  
DIST. 3

July 23, 1954

Well No. 1 is located 990 ft. from N line and 990 ft. from W line of sec. 20  
Section 20 30N 10W NMPN  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Astec Pool San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6306 ft.

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

**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)

Total Depth 2851', on July 19, 1954 a rig was moved over well pulled 1' tubing and cleaned out cavings. Sand-oil fracture Pictured Cliffs formation with 10,000 gallons oil and 8000' sand, from 2800-2850', BHP 400', maximum pressure 600'. Injection rate 12.9 barrels per minute. Natural gage, too small to measure. After sand-oil gaged 30 MCF, not commercial. This well had previously quit producing from the Pictured Cliffs formation.

It is intended to plug back to the Fruitland formation perforate and sand-oil fracture. In the following manner: Set retainer at 2729' pump 25 sacks cement below retainer and leave 25 feet cement on top of the retainer then perforate from 2436-2500 with 4 bullet and 1 cone shot per foot. It is then intended to sand-oil fracture the Fruitland formation for possible commercial production.

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 997

Farmington, New Mexico

By ORIGINAL SIGNED E. J. COEL

Title Petroleum Engineer

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