



COPY TO O&G

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 965
Farmington, New Mexico

IN REPLY REFER TO:

January 9, 1956

El Paso Natural Gas Company
Box 997
Farmington, New Mexico

Re: Santa Fe 078103
I-Sec. 731

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated January 5, 1956 covering your well No. 146 Huerfano Unit in SW 1/4 sec. 23, T. 26 N., R. 9 W., N. M. P. M., San Juan County, New Mexico, Ballard P.C.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

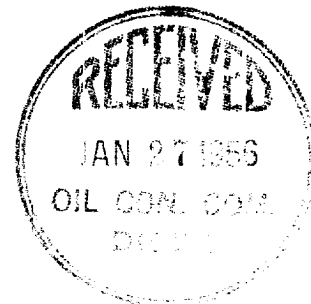
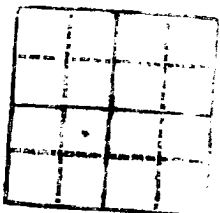
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) J. W. LONG

Jerry A. Long
Acting District Engineer

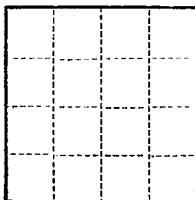
JwLong:ae



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078103
Unit Barfano Unit
I-sec. 731

30-045-05735

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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			

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

January 5, 1956

Well No. 46 is located 1650 ft. from N line and 1650 ft. from W line of sec. 23
Section 23 26N 3W R4N
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ballard P.C. San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6417 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)

It is intended to drill a well thru the Pictured Cliff formation using rotary tools to the casing point and to drill the pay section with cable tools and to water fracture the entire pay section. T.D. 2131'.

Casing Program:

9 5/8" at 120' with 125 sacks regular cement circulated to surface.
7" at 2031' with 75 sacks regular cement, 75 sacks Pozmix.

The SW/4 of Section 23 is dedicated to this well.
SW/4 of 078103.

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 W. F. Court

Title Petroleum Engineer