

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SF 080579  
Unit W. F. Hart

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<u>Production</u> <b>I</b>
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>Report of Perforations</u> .....	<b>I</b>
	<u>Report of Sand-Fracing</u> .....	<b>I</b>

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

July 8, 19\_\_

W. F. Hart  
Well No. 4 is located 1890 ft. from S line and 1890 ft. from E line of sec. 14  
SE 1/4 Section 14 25N 3W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Tapiete - PC Ext. Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7362 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)

Ran & set  $5\frac{1}{2}$ " OD casing at 3891' & cemented w/75 sks. reg. cement, 45 gal & 68 sks. strata-crete. Temperature survey indicated top of cement behind  $5\frac{1}{2}$ " casing at 2977'.

Perforated  $5\frac{1}{2}$ " casing w/4 Valox jet shots per ft. as follows: 3813-24' & 3828-39', total 22', 88 holes.

Frased Pictured Cliffs formation, down  $5\frac{1}{2}$ " casing, thru  $5\frac{1}{2}$ " casing perfs. 3813-24' & 3828-39' w/4,000# of 20/40 sand & 39,135 gals. water by Halliburton, using 40 rubber free balls. ESP 2625#. Max. TP 1900#, Min. TP 1650#. Flushed w/193 H<sub>2</sub>O. water. Inj. rate 58.8 BPM. Standing pressure 500#, dropped to zero in 10 min.

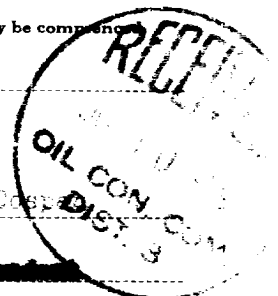
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company .....

Address .....

By (Signed) P. E. Cooper

Title District Superintendent



1. The first part of the document is a list of the names of the persons who have been named in the document.

2. The second part of the document is a list of the names of the persons who have been named in the document.

3. The third part of the document is a list of the names of the persons who have been named in the document.

4. The fourth part of the document is a list of the names of the persons who have been named in the document.

5. The fifth part of the document is a list of the names of the persons who have been named in the document.

