

(SUBMIT IN TRIPLICATE)

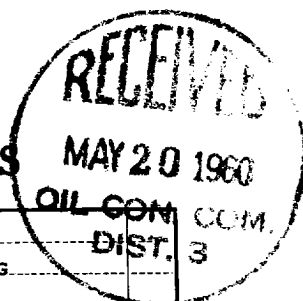
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. MI 011583

Unit \_\_\_\_\_

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 DATA)

Astec, New Mexico May 18, 1960

Petro Federal  
Well No. 4 is located 1765 ft. from [N] line and 1040 ft. from [E] line of sec. \_\_\_\_\_

Section 23  
(1/4 Sec. and Sec. No.)

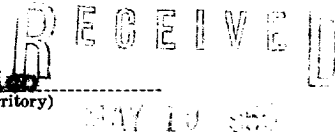
6 West  
(Twp.) (Range)

N.M.P.M.  
(Meridian)

Ballard P.  
(Field)

Eliz. Arizna  
(County or Subdivision)

New Mexico  
(State or Territory)



The elevation of the surface above sea level is 644 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 proposed to drill w/rotary tools; set 9 5/8", 32.30', J-55 surface casing at  $\pm$  100' in 12 1/2" hole and cement w/100 sack reg. cement w/2 1/2" CcClg; drill 8 3/4" hole through the Pictured Cliffs formation,  $\pm$  2235'; run 7", 20', used J-55, mile 8rd and CFI casing to TD; cement w/ 150' total cement, 75 sack best with 75 cu.ft. strutscrete, 1/2 gal; run gamma-ray correlation log, perf. Pictured Cliffs w/ jets/ft. and frac w/40,000 galn. water and 40,000' sand; grub well in, run 1" tubing to  $\pm$  2150' and complete. The proposed drilling unit is the NE 1/4 of Section 23, 160 acres.

NOTE: Plans were submitted on original intent to drill, dated September 9, 1957. There is no change in location. This form amends intent to drill filed April 27, 1960.

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

Company PETRO PETROLEUM CORPORATION

Address 108 West Alameda

Astec, New Mexico

By B. H. Waychopf, Jr.  
Title Engineer