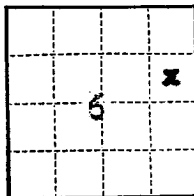


(SUBMIT IN TRIPLICATE)

Indian Agency JicarillaUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYAllottee Contract #119

Lease No. \_\_\_\_\_



## 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 REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING 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)

October 23, 1956Well No. "H" 4-6 is located 1890 ft. from N line and 1190 ft. from E line of sec. 6SE/4 NE/4 6  
(1/4 Sec. and Sec. No.)26N  
(Twp.)4W  
(Range)109M  
(Meridian)Tanapito Pk. Extn. &  
Alamogordo  
(Field)Rio Arriba  
(County or Subdivision)New Mexico  
(State or Territory)

OCT 25 1956

OIL CON. COM.  
DIST. 3The elevation of the ~~undegraded ground~~ undegraded ground above sea level is 7149 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)

Propose to drill 15" hole to 110', set 10-3/4" OD casing and cement to surface w/100 sx reg. Then drill 9-7/8" hole with water or minimum mud to 4139', set 7-5/8" OD casing & cement w/100 sx 8% gel & 50 sx neat. Drill 6-3/4" hole using gas to total depth of 6209', set 5-1/2" OD liner & cement w/150 sx reg. Bradenhead squeeze top of liner w/50 sx reg. Perforate the 5-1/2" liner and fracture the Cliff House, Manatee & Point Lookout zones separately, each w/approx. 40,000 gals water. Then perforate the 7-5/8" casing & fracture the Pictured Cliffs form w/approx 30,000 gals water w/1 1/4 sd/gal. Clean out to total depth. Set production packer at approx. 5529'. Run 2-3/8" OD tubing with side-door choke set at approx. 5499' & complete well to produce the Mesaverde formation thru the tubing and the Pictured Cliffs formation thru the tubing-casing annulus. The E/2 of Sec. 6, containing 323.72 acres, is dedicated to this well for both the Pictured Cliffs & Mesaverde formations.

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

Company Northwest Production CorporationAddress 520 Simms BuildingAlbuquerque, N. M.By RAY PHILLIPS  
Ray PhillipsTitle Asst. Mgr., Production Operations

