



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

October 27, 1955

Union Oil and Gas Company  
Box 101  
Durango, Colorado

Re: Jicarilla Tribal  
Contract 71-A

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated October 27, 1955 covering your well No. 1 Jicarilla in NW 1/4 sec. 6, T. 23 N., R. 14 W., S. 10. P. M., Rio Arriba County, New Mexico, wildcat pool.

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:

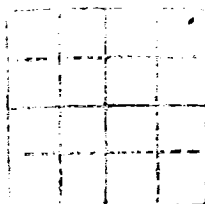
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.



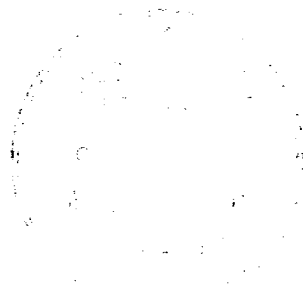
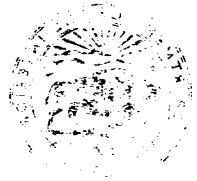
Very truly yours,

Jerry W. Long  
Acting District Engineer

J. Longial  
cc: Jicarilla Agency



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BIOLOGICAL SERVICE



RECEIVED

(SUBMIT IN TRIPLICATE)

Indian Agency

Jicarilla

OCT 27 1955

UNITED STATES

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Notes  
Jicarilla Tribal No. 72-A  
Lease No. 72-136


## 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 27, 1955

JICARILLA  
Well No. 1 is located 970 ft. from [N] line and 970 ft. from [E] line of sec. 4  
[1/4] (1/4 Sec. and Sec. No.) [23 North] (Twp.) [4 West] (Range) [N.M.P.M.] (Meridian)  
Wildcat (Field) Rio Arriba (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 7290 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)

Name of well: White Oil and Gas Company's #1 Jicarilla  
Proposed pay zones: Pictured Cliffs sand from 9000' to 9075'  
Proposed casing program: 8-5/8" GS 2-55 24' Range 3 Casing at 140' with 125 cc cement  
5-1/2" GS 2-55 14' Range 2 Casing at 9000' with 125 cc cement  
2-3/8" GS 2-55 4.75' Range 2 tubing at 9075', cementing  
Proposed mud program: Use drilling mud from 1000' to total depth (rotary)  
Proposed drilling program: Drill from surface to top of Pictured Cliffs formation with rotary tools, ball-in well to TD with cable tools.  
Proposed Completion method: Sand-water fracture open hole interval 9000' to 9075' with 25,000 gallons water, 25,000 pounds sand.

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

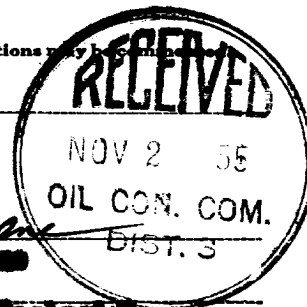
Company White Oil and Gas Company

Address Box 400

Durango, Colorado

By A. B. Crane  
A. B. Crane

Title District Geologist



RECEIVED

OCT 27 1955

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

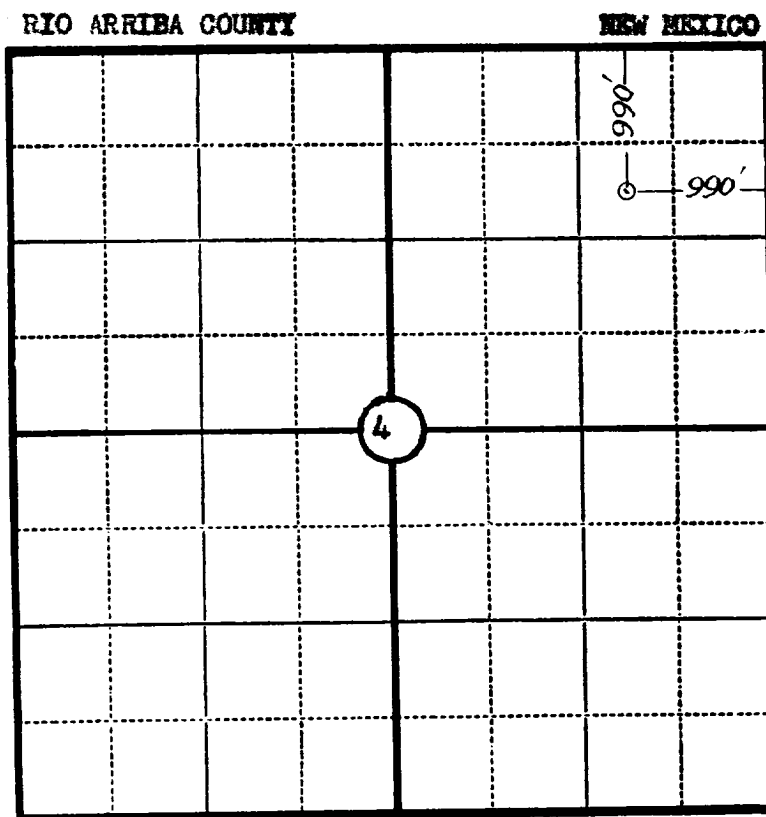
Company WITCO OIL AND GAS COMPANY

Lease Alvarilla Well No. 1

Sec. 4, T. 23 N., R. 4 W. N.M.P.M.

Location 990' FROM THE NORTH LINE AND 990' FROM THE EAST LINE.

Elevation 7132.6 UNGRADED GROUND.



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*  
Registered Land Surveyor.  
James P. Leese  
N. Mex. Reg. No. 1463

Surveyed 26 October, 1955

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

