



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

June 13, 1956

C. J. Warren
525 Solar Road N.W.
Albuquerque, New Mexico

Re: New Mexico 011639

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated June 12, 1956 covering your well No. 4 Warren in SW¹ sec. 5, T. 25 N., R. 7 W., N. M. P. M., Rio Arriba County, New Mexico, Largo Pictured Cliffs 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,

(Orig. Sgd.) P. T. McGRATH

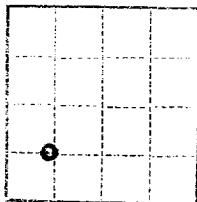
P. T. McGrath
District Engineer

PTMcGrath:ac



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(SUBMIT IN TRIPLICATE)

UNITED STATES
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GEOLOGICAL SURVEY

Land Office NMLease No. 011639

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	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)

June 12, 1956

Well No. 4 is located 790 ft. from N line and 1850 ft. from E line of sec. 5SW/4 Sec. 5 T25N 7W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Large Picture Cliff Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

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

Set 100 feet 8 5/8" surface casing, circulate cement. Drill 7 7/8" hole to approximately 40' into Lewis Formation. Set 4 1/2" 11 pound casing to total depth cemented with 250 sacks, 50% regular, 50% Posmix cement. Perforate pay zone with 2 shots per foot. Sand oil frac well with 10,000 gallons oil and 15,000 pounds sand. Flush with 3,000 gallons oil. Produce through 2 3/8" upset tubing.

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

Company C.J. WarrenAddress 525 Solar Road N.W.Albuquerque, N.M.By D.M. FerebeeD.M. Ferebee
Title Geologist for C.J. Warren