



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las CrucesLease No. 029405-B

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

Artesia, New Mexico, May 14, 1948

Wm. Mitchell B Lease

Well No. I.P. 12 is located 25 ft. from ~~Y~~ [S] line and 25 ft. from ~~E~~ [E] line of sec. 19SE SE Sec. 19
($\frac{1}{4}$ Sec. and Sec. No.)17S
(Twp.)32E
(Range)N M P M
(Meridian)Maljamar
(Field)Lea
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 3936 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)

On January 24, 1949 a packer was set in this injection well at 3786' to 3760' to separate the gas to be injected into the 6th zone from that intended for injection into the San Andres pays. After injection of gas was started through the tubing it was discovered the packer was not holding. The location of the packer was then changed to 3742' to 3746', and again the packer failed to hold when injection of gas was resumed. On May 26th, 1946, a caliper survey of the well bore was made to find a suitable point between the 6th and the 7th zones to set the packer. A copy of that survey is attached hereto. On April 30, 1948, the packer was set at 3760 to 3764', and upon injection of gas through the casing the packer was found to be holding.

The anchor below the packer is 4" pipe and is perforated at 3946' and a drain hole through the anchor 2' above bottom.

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

Company Buffalo Oil CompanyAddress Box 517Artesia, New MexicoBy /S/ H. G. EllisTitle Superintendent