Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

X			

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 032326 a
Unit NMFU

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	
NOTICE OF INTENTION TO ABANDON WELL			
		Subsequent Report of Cleanout and Frac	X

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

Jack A-21 January 27, 1959

Well No. 1 is located 660 ft. from {S} line and 660 ft. from {W} line of sec. 21

SW/4 Sec. 21 (¼ Sec. and Sec. No.) 24 (Twp.) 37 (Range) NMPM (Meridian)

Jalmat (Field) Lea (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 3247 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)

BEFORE WORKOVER - TD 3705' sand, PB 3255', DF 10', Elev. 3247' DF. Pay Yates 3000-3200', Csg. Pt. 5 1/2" at 3269'. Perfs. 3000-3100', 3115-3160', and 3176-3200'. Calc. open flow Pot. 1,600 MCFGPD. Del. at 600 PSIG is 535 MCFGPD, and at 150 Lbs. PSIG is 1,605 MCFGPD. SIP - 715.2 Lbs. PSIA. Daily allowable 80 MCFGPD.

WORK DONE - Ran Depthsounder and found top of fill at 3163'. Cleaned out sand fill to 3230'. Interfraced 3000-3230' w/60,000 Gals. water, 60,000 Lbs. sand. Cleaned out frac sand from 3160' to 3195'. Recovered load oil.

AFTER WORKOVER - TD 3705' sand, PB 3255'. Pay Yates 3000-3200'. Perfs. 3000-3100', 3115-3160', and 3176-3200'. Calc. open flow Pot. - 7730 MCFGPD. Del. at 150 Lbs. PSIA is 7338 MCFGPD, and at 600 Lbs. PSIA is 1,460 MCFGPD. SIP - 666.2 Lbs. PSIA. Est. Allow. 428 MCFGPD. Work started 10-21-58, completed 10-25-58. Well tested 1-13-59.

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

Company Continental Oil Company

Address Box 68

Eunice, New Mexico

By

Title District Superintendent

GPO 918507