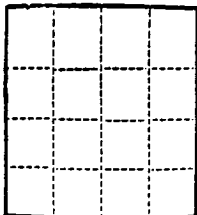


Form 9-831a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
Budget Bureau No. 42-R358.4.
Form Approved.Land Office N.M.Lease No. 07781

Unit _____

 RECEIVED
 OCT 28 1964

 O. C. C.
 ARTESIA, OFFICE

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)

OCTOBER 22, 1964

H. J. LOE
 Well No. FEDERAL is located 1980 ft. from N line and 1346 ft. from E line of sec. 30
 No. 2
 SE/4 NW/4 SECTION 30 16-S 31-E NMPM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
SQUARE LAKE EDDY NEW MEXICO
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3862 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 AUGUST 28, 1964, NOTICE OF INTENTION TO DRILL WAS APPROVED FOR THIS WELL. THE WELL WAS SPUDED ON SEPTEMBER 6, 1964, WHEN 13-3/8" O.D. CONDUCTOR WAS SET AND CEMENTED AT 29'. ROTARY TOOLS DRILLED OUT FROM UNDER THIS CONDUCTOR PIPE ON SEPTEMBER 12, 1964, AND ON SEPTEMBER 13, 1964, 8-5/8" O.D. SURFACE CASING WAS SET AT 346' AND CEMENTED WITH 150 SACKS.

AFTER PRESSURE TESTING PIPE, WELL WAS DRILLED TO A TOTAL DEPTH OF 3300, AND A SCLUMBERGER SONIC LOG-GAMMA RAY INDICATED SIX (6') OF NET PAY IN THE UPPER PREMIER, SEVEN (7') OF NET PAY IN THE LOWER PREMIER, AND SIX (6') OF NET PAY IN THE LOVINGTON. AN OIL STRING OF 5-1/2" O.D. CASING WAS SET AT 3298' (KBM) AND CEMENTED WITH 355 SACKS OF CEMENT ON SEPTEMBER 20, 1964. THIS CEMENT WAS PLACED IN TWO STAGES - 305 SACKS AROUND SHOE AND 50 SACKS AT TOP OF SALT AT 408'. THE

(CONTINUED ON NEXT PAGE)

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

Company WATER-FLOOD ASSOCIATES, INC.Address 2211 CONTINENT NAT'L BANK BLDG.FORT WORTH, TEXAS 76102By C. W. FumhoffTitle PETROLEUM ENGINEER