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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe, N.M.  
Lease No. 078001  
Unit Carson

RECEIVED

APR 11 1960

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	U. S. GEOLOGICAL SURVEY
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	FARMINGTON, NEW MEXICO
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 well completion	X

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

Carson Unit April 6, 1960  
Well No. 11-20 is located 660 ft. from N line and 650 ft. from E line of sec. 20  
11-20 25N 11W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
11-20 San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~center floor~~ well bushing above sea level is 6459 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)

- 3-9-60 Ran and cemented (5045') 4 1/2", 9.5#, J-55 casing at 5054' with 150 sacks, 220 cu. ft. Portland cement treated with 40 gal. Surface temperature 300°F., formation temperature 1200°F., Estimated strength of cement after 12 hours, 1300 psi. Displaced with oil, ball 1500 psi, etc.  
3-11-60 Perforated four 1" holes/ft. 1806-26, 1837-40, 1879-85, 1892-1900, 1910-22.  
3-12-60 Spotted 200 gal. mud acid. Sand oil fractured with 50,000 gal. crude, 1 1/2 gal. sand, 100 balls. Maximum pressure 3500 psi, average rate 27 bbls/in.  
3-13-60 Filled frac sand. Ran 2-3/8" tubing to 1910, ran pump and 100 gal.  
3-14-60

(over)

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

Company Shell Oil Company  
Address Post Office Box 156  
Farmington, New Mexico

Original signed by  
E. W. SHEPARD

By E. W. Shepard  
Title Exploration Engineer

3-15-60 Pumped and recovered all lean and frac oil, 1533 bbls.

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3-28-60

3-30-60 INITIAL INSPECTION

Pumpin, 69 1/2 gross, 69 1/2 clean, 0.44 wt, 532 lbs/l gas,  
no. 7710, Completed 3-29-60.

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1533

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