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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe, N. Mex.

Lease No. SP 078064

Unit Carson

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	<u>Subsequent report of well location</u>

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

\_\_\_\_\_ day \_\_\_\_\_, 1958  
Carson Unit  
Well No. 21-13 is located 660 ft. from N line and 1880 ft. from E line of sec. 13  
NW 13 25N 12W 41TH  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Histi San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the wellhead above sea level is 6365.3 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)

- 4-21-58 Cemented 4" 9.5# casing at 5007' with 150 sacks regular cement.  
4-25-58 Perforated four  $\frac{1}{2}$ " holes/ft. 4860-86, 4890-4900, 4940-54, 4958-74'.  
4-30-58 Ran tubing to 4964'.  
5-1,2,-58 Sand-oil fractured with 50,000 gal. crude oil and 16/gal 20-40 mesh sand.  
5-3-58 Cleaned out frac. sand from 4960-4990'. landed tubing at 4652'.  
5-4-58 Swabbed to flowing.  
5-15-58 Initial production: Flowing (6  $\frac{3}{4}$  Hr. test) 570 b/d gross, 4562 b/d oil rate, 0.1% cut, 387 MCF/d gas rate, GOR 440, 64/64" down, TP 459

Completed 5-15-58

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

Company Shell Oil Company

Address 101 South Behrend

Farain, Los Alamos

Original signed by  
R. W. SHEPARD

By E. W. Shepard  
Title Exploitation Engineer