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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe, N.M.

Lease No. SF 078063

Unit Carson

RECEIVED

JAN 18 1960

SUNDRY NOTICES AND REPORTS ON WELLS

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	A
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)

January 14, 1960

Carson Unit  
Well No. 21-19 is located 660 ft. from <sup>[N]</sup><sub>45</sub> line and 1973.5 ft. from <sup>[E]</sup><sub>W</sub> line of sec. 19

Sec. 19 25 N. 11 W. N.A.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
T14 San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing  
The elevation of the derrick floor above sea level is 6430 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)

- 12-14-59 ran and cemented (5020'), 4-1/2", 9.5#, J-55 casing at 5029' with 150 sacks, 121 cu. ft. Portland cement treated with 4% gel. surface temperature 350°F, formation temperature 120°F. Estimated strength of cement after 12 hrs. 1300 psi. Displaced with oil, held 1600 psi, OK.
- 12-15-59 Perforated four 1/2" bullet holes/ft. 4867-95, 4900-10, 4922-26, 4940-44, 4952-58, 4964-70, 4976-82.
- 12-17-59 Spotted 200 gal. mud acid. Sand oil fractured with 50,000 gal. crude, 1/2 gal. sand. Initial pressure 2300 psi, dropped 120 balls, pressure increased to 2400 maximum pressure. Average rate 32 bbls./min.
- 12-18-59 Cleaned out frac sand. Ran 2-3/8" tubing to 4800'.
- 12-19-59 ran pump and rods.

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 Post Office Box 158

Farmington, New Mexico

Original signed  
B. W. SHEPARD

By B. W. Shepard  
Title Exploitation Engineer



