

(SUBMIT IN TRIPLICATE)

Land Office Carlsbad, N. M.

Lease No. EE 576067

Unit Carson Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

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>Completion Report</u>	<u>X</u>

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

July 20, 1959

Carson Unit
Well No. 31-23 is located 660 ft. from N line and 1776.7 ft. from E line of sec. 23

12N 25E 12W MMPM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Disti San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

Kelly Lushing
The elevation of the ~~drill floor~~ above sea level is 6421 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate casing jobs, cementing points, and all other important proposed work)

7-2-59 ran and cemented (4981') 4-1/2", 9.5#, J-55 casing at 4990' with 150 sacks 225 cu. ft. Portland cement treated with 42 gal. Surface temperature 85 $\pm$ F., formation temperature 120 $\pm$ F. Estimated strength 1300 psi, cement in place 24 hrs. prior to testing. Displaced with oil final pressure 1800 psi.

7-3-59 Perforated four 1/2" holes/ft. 4844 - 59, 4877 - 82, 4886 - 4901, 4907 - 18, 4930 - 39, 4946 - 60.
Spotted 200 gal. mud acid

7-5-59 Sand oil fractured with 50,000 gal. crude oil, 1# gal. sand - 225 bbls. Maximum pressure 2400 psi, minimum pressure 2100 psi, average rate 33 bbls./min.

7-6-59 Installed pumping equipment, run tubing to 4965'.

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 705 West Municipal Drive

Farlington, New Mexico

Original signed by
B. W. SHEPARD

By

B. W. Shepard

Title Exploitation Engineer

