

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe, N. M.
Lease No. SP 078061
Unit Carson

SUNDRY NOTICES AND REPORTS ON WELLS

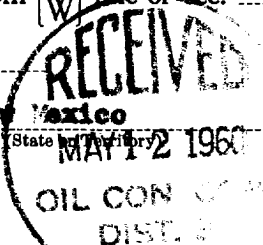
| | | |
|--|---|---|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | X |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL 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 Completion</u> | X |

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

May 4, 1960

Carson Unit
Well No. 24-17 is located 660 ft. from N line and 1980 ft. from W line of sec. 17
SE SW 17 25N 11W NMPM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bisti San Juan New Mexico
(Field) (County or Subdivision) (State)

Kelly Bushing
The elevation of the ~~center~~ derrier floor above sea level is 6396 ft.



DETAILS OF WORK

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

- 3-1-60 Ran and cemented (5014') 4-1/2", 9.5#, J-55 casing at 5023' with 150 sacks, to 220 cu. ft., Portland cement treated with 4% gel. Surface temperature 30° F \pm .
- 3-2-60 formation temperature 120° F \pm . Estimated strength of cement after 12 hrs., 1300 psi. Displaced with oil, final pressure 1500 psi., O.K. Released rig 2:15 A.M. 3-2-60.
- 3-3-60 Perforated four 1/2" holes/ft. 4870-87, 4892-4901, 4932-43, 4952-62, 4970-78.
- 3-4-60 Spotted 200 gal. mud acid. Sand oil fractured with 50,000 gal. crude, 1 1/2 gal. sand, 125 balls. Maximum pressure 2500 psi., average rate 29.0 bbls./min.

(OVER)

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
By B. W. Shepard
Title Exploitation Engineer

Original signed by
B. W. SHEPARD

3-5-60 Bailed frac sand. Ran 2-3/8" tubing to 4875, ran pump and rods.
to
3-7-60

3-8-60
to Pumped and recovered all load and frac oil, 1510 bbls.
4-22-60

4-23-60 INITIAL PRODUCTION
Pumping, 24 B/D gross, 24 B/D clean, cut 0.7%, 44 MCF/D gas,
GOR 1830, Completed 4-23-60.