



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe, New Mexico

Lease No. 078068

Unit Carson

ILLEGIBLE

SUNDRY 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 Completion</u>

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

March 18, 1957

Carson
Well No. Unit 2 is located 660 ft. from [N] line and 326.43 ft. from [W] line of sec. 25

N. 25 25N 12 R. 1E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bisti San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Pushing surface above sea level is 6130 ft.

DETAILS OF WORK

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

8-19,20-56 Ran and cemented 5 1/2", 11 1/2", J-55 casing at 4969' with 200 sacks construction cement. Finished 12:50 P.M. 8-19-56. Flanged up and waited on cement. Located top of plug at 4923'. Displaced mud with oil.

8-21-56 Ran Gamma Ray log with collar locator. Perforated with four 1/2" jets/ft. intervals 4790-4795', 4818-4822', 4828-4833', 4843-4852', 4866-4874', and 4881-4887'.
Fracture Treatment #1 Injected 100 bbl. crude oil, break down pressure 2900 psi. Followed with 15,000 gal. oil with 1 1/2 sand/gal. and 15,000 gal. oil with 2 1/2 sand/gal, average injection rate 44-46 bbl./min. at 1800 psi. Overflushed with 125 bbl. oil containing 20 (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 33 Richards Street

Salt Lake City, Utah

By B. W. Shepard

Title B. W. Shepard
Exploitation Engineer

gal. fracflo. Finished 8:12 A.M. 8-21-56. Shut in pressure 1000 psi. (1009 bbl. load and frac oil to recover.)

8-22-56
to
12-31-56

Shut in.

1-1-57
to
1-10-57

Swabbed and flowed 778 bbl. of load and frac oil. (last rate flowing 10 B/D gross, 10 B/D oil, not cut, 48/64" lean.) Well died.

1-11-57
to
2-6-57

Ran 2 3/8" and 1" parallel tubing string, packer at 4773', tubing shoe at 4871'. Swabbed 163 bbl. load and frac oil, fluid level 4800'.

2-7-57
to
3-6-57

Installed pumping unit, parallel tubing at 4738', packer at 4773'; started pumping 5:00 P.M. 3-4-57, 16-54" S.P. Recovered remaining load and frac oil (68 bbl.). Representative Initial Production: 21 B/D gross, 21 B/D oil, cut 1.4%, gas rate nil. Officially completed 3-6-57.