

	13		X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe, N. M.
Lease No. SP 078264
Unit Carson

RECEIVED
AUG 22 1957

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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)

August 20, 1957

Carson Unit

Well No. 41-13 is located 660 ft. from N line and 660 ft. from E line of sec. 13

NE 13
(1/4 Sec. and Sec. No.)

25N 12W
(Twp.) (Range)

106W
(Meridian)

Blasi
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

Kelly Rushing

The elevation of the ~~derrick floor~~ above sea level is 6380 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)

2-7, 8-57 Cemented 5038' of 4-1/2", 16.60# casing at 5049' with 200 sacks construction cement. Ran 2-3/8" tubing to 5011'. Top of plug 5012'.

3-4-57 Pulled tubing. Ran Gamma Ray log with collar locator. Perforated four 1/2" holes/ft 4906-19, 4923-27, 4931-36, 4965-68, 4979-84 and 4997-5002'. Shabbed 9 hours and recovered 58 bbls. fluid.

Fracture Treatment #1 Broke down formation at 2900 psi with 20 bbls. crude oil. Injected 25,000 gal. crude oil with 1% sand/gal. and 25,000 gal crude oil with 2% sand/gal. Maximum and minimum pressure 2900 psi average rate 35 bbl/min. Displaced and overflushed with 200 bbl. crude oil. Shut in pressure 900 psi after 5 minutes. Total load to recover 1463 bbls. Ran bailer located sand at 4900'. (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 101 S. Behrend

Farmington, N. M.

By B. N. Shepard
B. N. Shepard

Title Exploitation Engineer

4-20-57 Bailed frac sand to 5008'. Ran tubing to 4981'. Seabbed 32 bbls., well started to flow. Flowed 16 hrs., 200 bbls. gross, 64/64" bean, no cut.

4-21-57 Flowed 24 hrs., 123 bbls. gross, 122 bbl. oil, cut 0.5%, 64/64" bean, TP 0, GP 750, Well died.

7-29-57 Installed pump. Recovered 1140 bbls. load and frac oil.
to

8-14-57 INITIAL PRODUCTION

Pumping 78 bbls./^{hr} gross, 78 bbls./^{hr} oil, cut 0.3%, no gas measurement, gravity approximately 39° API, TP 25.

Completed 8-14-57.