

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe, N. M.**

Lease No. **SP 078067**

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.....
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..... <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL..... <input checked="" type="checkbox"/>	

Notice of Intention to Sand Oil Fracture

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

RECEIVED
JUL 17 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

July 12, 1957

Carson Unit
Well No. **41-14** is located **660** ft. from **N** line and **660** ft. from **E** line of sec. **14**
NE 14 (1/4 Sec. and Sec. No.) **25N** (Twp.) **12W** (Range) **RMFM** (Meridian)
Dist 1 (Field) **San Juan** (County or Subdivision) **New Mexico** (State or Territory)

The elevation of the **Kelly Bushing** ~~measured~~ above sea level is **6383** 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)

1. Perforate four 1/2" holes/ft intervals 4872-4897, 4902-4908, 4948-4961, 4965-4975.
2. Sand oil fracture with 30,000 gal crude oil and 30,000# sand treated with Iridium.
3. Run tracer log.
4. Production test and establish initial rate.



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 South Behrend**

Farmington, New Mexico

By **R. S. MacALISTER, JR.**
Original signed by

Title **R. S. Mac Alister, Jr.**
Division Exploitation Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office **Santa Fe, N.M.**
Lease No. **ST 078067**
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	<input checked="" type="checkbox"/>
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	Subsequent Report of Well Completion	<input checked="" type="checkbox"/>

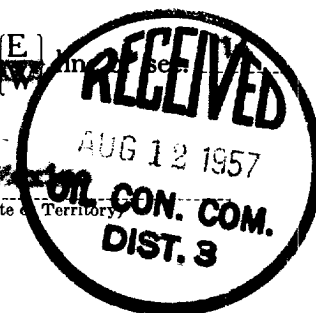
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 7, 1957

Carson Unit
Well No. **41-14** is located **660** ft. from **N** line and **660** ft. from **E** line

NE 14 **29N** **12W** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Disti **San Juan** **New Mexico**
(Field) (County or Subdivision) (State & Territory)

Kelly Bushing
The elevation of the ~~corner~~ **6383** ft. above sea level is



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)

- 6-1-57 Run and cemented 4-1/2" 9.5#, J-55 casing at 5085' with 150 sacks treated cement.
- 7-14-57 Perforated with four 1/2" holes/ft at 4872-97', 4902-08', 4942-61', 4965-75'. Sand-oil fractured with 30,000 gal crude oil with 1#/gal of 20-40 sand. Formation broke down at 2300 psi. treated at 2100-2400 psi. Max. rate 30.3 bbls/min. Average injection rate 28.2 bbls/min. Pressure bled to 150 psi in 5 minutes. (Sand treated with 30 m.e. Iridium 192)
- 7-16-57 Found fill at 4975' bailed to 4985'.
- 7-17-57 Cleaned ^{off} sand to total depth.
- 7-18-57 Ran 4853' of 2" EWE, J-55 tubing.
- 7-19-57 to 7-29-57 Stabbed and flowed 1162 bbls free oil.
- 7-30-57 Initial Production: 108 M/D gross, 108 M/D clean, cut 0.1%, 42/64" bean, TF 0-75. Completed 7-30-57.

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 South Behrend**
Farmington, New Mexico
By **B. W. Shepard**
Title **Exploitation Engineer**

