



(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
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

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

October 24, 1957

Carson Unit  
Well No. 21-17 is located 660 ft. from N line and 1362 ft. from E line of sec. 17

SE 17  
(1/4 Sec. and Sec. No.)

25N  
(Twp.)

11W  
(Range)

N.M.P.M.  
(Meridian)

Sisti  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the Kelly Bushing above sea level is 4402.9 ft.

DETAILS OF WORK

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

- 6-11-57 Cemented 4 1/2" 2.5- casing at 5028' with 130 sacks treated cement. Located top of plug 5025'.
- 9-3-57 Ran Gamma Ray-Collar log. Perforated four 1/2" holes/ft. 4986-4992', 4909-17, 4953-57, 4967-77, 4988-94. Ran tubing to 4864'.
- 9-20-57 Swabbed 8 1/2 hrs. Recovered 81 bbls. Fluid level at 4500'.
- 10-8-57 Moved in well pulling unit. Scraped perforations.
- 10-7-57 Set retrievable bridge plug at 4982', Packer at 4932'. Broke formation down at 5300 PSI. Spotted 250 bbls. mud acid. Pulled packer up to 4932'. Set packer and broke formation down at 4900 PSI. Completed fracture treatment used 18,000 gal. crude oil with 1/2"/gal. sand. Over flushed with 40 bbls. oil.
- 10-10-57 Reset bridge plug at 4940'. Set packer at 4920', pulled packer and tubing. Sand-oil fractured down casing with 32,000 gal. crude oil with 1-1/2"/gal. 20-40 mesh sand. Break down pressure 3000 PSI, overflushed with 160 bbls.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. *OK*

Company Shell Oil Company

Address 101 South Behrend

Alamogordo, New Mexico

By

*B. W. Shepard*  
B. W. Shepard

Title Exploitation Engineer

10-13-57 Recovered Baker Bridge plug. Ran tubing to 4858'. Stabbed in.  
10-14-57 Flowed 15 hrs. 400 bbls. (65% B/P rate) all frac. oil.  
10-23-57 Initial production: Flowing (15 hr. test) 656 B/P gross (rate)  
0.2 o/e out, 25/64" bean. W.P. 160, OP 430  
Completed 10-30-57