



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe, N. M.  
Lease No. 57-078066  
Unit \_\_\_\_\_

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	<b>Subsequent Report of Well Completion I</b>

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

June 21, 1956

Well No. Gov't 12-15 is located 1280 ft. from [N] line and 660 ft. from [W] line of sec. 15

3 1/4 NW 1/4 15  
(1/4 Sec. and Sec. No.)

25N  
(Twp.)

12W  
(Range)

WASH  
(Meridian)

Blair  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the Kellyushing above sea level is 6883.3 ft.

DETAILS OF WORK

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

5-22 to 25: Ran and cemented 5 1/2", 17#, S.T. & C. casing, shoe at 4900'. Cemented with 350 sacks construction cement. Top of solid cement at 4885'. Cleaned out to 4885', displaced mud with oil.

5-25 to 28: Perforated four 1/2" jets per foot at 4810-4792', 4787-4775', 4766-4756'. Injected 1200 gal. crude oil, break down pressure 3400 psi., average rate 1/4 bbl./min. at 1800 psi. Followed with 15,000 gal. oil with one lb. 20-40 mesh sand per gal. and 15,000 gal. oil with 2 lbs. sand per gallon, no build up pressure, injection rate 1/8 bbl./min. at 1800 psi. Displaced with 125 bbls. oil and overflushed with 100 bbl. oil, rate 1/4 bbl./min. at 1950 psi. Casing pressure 1500 psi. after 1 hour, after 10 hours 0 psi. Well would not flow. Set Baker Model E-3 bridge plug at 4752'. Perforated with four 1/2" jet holes per foot at 4750-4728'. Broke down formation with 1200 gal. crude oil, 1200 psi., pressure increased to 2200 psi. at 1/4 bbl./min. Injected

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

Company Shell Oil Company

Address 33 Richards Street

Salt Lake City, Utah

By B.W. Shepard

Title Senior Exploitation Engineer



15,000 gal. crude oil with one lb. sand per gallon at 3 bbl. per min. at 2200 psi. Followed by 15,000 gal. oil with 2 lbs. sand per gal. at 30 bbl./min., 1950 psi. increased to 2200 psi. Final pressure 2200 psi. at 2 1/2 bbl./min. Displaced with 125 bbl. oil and overflushed with 100 bbl. oil. Pressure after 15 min. 0 psi. Well would not flow.

5-29: Set bridge plug at 4721'. Perforated from 1/2" jet hole at 4715-4700'. Broke down formation at 3500 psi. with 3700 gal. crude oil, injection rate 28 bbl./min. at 3100 psi. Injected 4700 gal. crude oil with 1/2 lb. sand per gal. at 32 bbl./min. and 2900 psi. Followed by 6720 gal. oil with 1 lb. sand per gal. at 32 bbls./min. and 2900 psi. Followed by 6720 gal. crude oil with 1 1/2 lbs. sand per gal. at 35 bbl./min. and 2900 psi. Followed by 2100 gal. oil with 2 lbs. sand/gal. at 25 bbl./min. and 2900 psi. Displaced with 4750 gal. oil and over-flushed with 2180 gal. at 35 bbl./min. and 2800 psi., decreasing to 2600 psi. 0 psi. casing head pressure after 12 hours. Well would not flow.

5-30 to 6-6: Cleared out bridge plugs to 1035'.

6-7: Ran 2 3/8" upset tubing with Lane Wells BXL packer at 1652' and pump shoe at 1702'. Sealed. Well started flowing at 9:00 A.M. (6-8-56) on 31/64" beam.

