



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe, N.M.

Lease No. SF-078067

Unit Carson 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	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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

August 9, 1961

Water Well

Well No. W-3 is located 2553 ft. from {N} line and 2325 ft. from {E} line of sec. 14

SW NE Sec. 14
(¼ Sec. and Sec. No.)

T 25 N., R. 12 W.
(Twp.) (Range)

N.M.P.M.
(Meridian)

Bisti
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

Kelly Bushing

The elevation of the ~~drill hole~~ above sea level is 6411 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)

7-16-61 Rigged up to perforate Point Lookout formation.

7-17-61 Stage 1

Bullet perforated intervals 3684-95 with 1/2" bullet @ 2 holes/ft. (72' of perforations). Sand-water fractured with 30,000 gals. water and 20,000 lbs. 10-20 mesh sand followed by 6,000 lbs. 8-12 mesh sand. Break down pressure was 2400 psi w/treating pressures of 1400-1600 psi. Dropped 100 rubber balls halfway through job and got pressure increase of 200 psi which broke back to 1400 psi for remainder of treatment. Immediate shut-in pressure was 1000 psi.

(continued)

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

Company Shell Oil Company

Address P. O. Box 1200

Farlington, N.M.

Original Signed By
W. M. MARSHALL

By W. M. Marshall
Title Division Exploitation Engineer

Stage II

Bullet perforated intervals 3723-73 with 1/2" bullet @ 2 holes/ft. (127' of perforation). Sand-water fractured with 50,000 gals. water and 30,000 lbs. 10-20 mesh sand followed by 7,000 lbs. 8-12 mesh sand. Break down pressure was 2,000 psi w/treating pressures of 1300-1400 psi. Dropped 150 rubber balls halfway through job and pressure rose to 4000 psi. Finished treatment @ 1800-2000 psi. Average rate was 50 BPM. Immediate shut-in pressure was 1000 psi and 240 psi in one hour. Bled off slowly at wellhead. Dead in two hrs. and 5 mins.

Stage III

Bullet perforated intervals 2724-3214 1/2" bullet @ 2 holes/ft. (206' of perforations). Sand-water fractured with 54,000 gals. water and 41,700 lbs. 10-20 mesh sand followed by 7,000 lbs. 8-12 mesh sand. Break-down pressure was 2600 psi with treating pressure of 1300 psi. Dropped 100 rubber balls halfway through job and pressure went to 3400 psi. Average rate for entire treatment was 58 BPM. Immediate shut-in pressure was 1000 psi.

7-18-61 Reverse circulated sand out of hole and found fish at 3609.

7-19-61 Recovered fish. Cleaned out to bottom. Moved off rig.

7-21-61 Ran B-J pump to 2628', Malhak @ 2597.

8- 8-61 Initial Production: Pumping 3150 B/D water. Completed 7-23-61