



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Lease No. **SF-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.....	Completion Report	X

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

January 19, 1962

Bisti Water Well

Well No. **W-4** is located **44.6** ft. from **[N]** line and **2105.2** ft. from **[EX]** line of sec. **20**

NE NW 20
(¼ Sec. and Sec. No.)

25 N 11 W
(Twp.) (Range)

NMPM
(Meridian)

Bisti
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

Kelly Bushing

The elevation of the ~~surface~~ above sea level is **6417.58** 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)

Perforated Point Lookout Formation with two - 1/2" holes per foot. Interval 3525-3812 (193 feet of perfs. 386 holes).

Stage I: Sand-water fractured with 61,600 gallons water, 46,000 lbs. 10-20 sand and 6,000 lbs. 8-12 sand. Maximum surface pressure was 1000 psi. Average 500 psi. Rate 70 B/M. Found fill at 3753'. Perforated Lower Allison Menefee with two 1/2" holes per foot. Interval 2806-3326 (216 feet of perfs) 432 holes). Filled annulus with 10-20 sand to 3496.

Stage II: Sand-water fractured with 72,900 gallons of water, 60,000 lbs. 10-20 sand and 10,000 lbs. 8-12 sand. Maximum surface pressure was 2800 psi. Average pressure 2300 psi. Ran 2-3/8" tubing. Found fill @ 3229. Circulated clean to bottom. Pulled tubing. Ran pump with intake at 2723'. Started pumping @ 3400 B/D rate with 820 psi on tubing. Representative rate 3280 B/D.

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 **P. O. Box 1200**

Farmington, N.M.

Original Signed By
W. M. MARSHALL

By **W. M. Marshall**

Title **Division Exploitation Engineer**