

	18	
X		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Allottee Allotted Lands  
Lease No. 14-20-603-1285

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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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	<u>Subsequent Report of Completion</u>	X

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

March 21, 1960

Carson Unit

Well No. 13-18 is located 1980 ft. from N line and 750 ft. from W line of sec. 18

SW 18 25N 11W T4PM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Bisti San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Bushing above sea level is 6395 ft.

DETAILS OF WORK

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

- 1-18-60 Ran and cemented (5029') 4-1/2", 9.5#, J-55 casing at 5038' with 150 sacks, 220 cu. ft. Portland cement treated with 4% gel. Surface temperature 100°F, formation temperature 120°F. Estimated strength of cement after 12 hrs., 1300 psi. Displaced with oil, held 1800 psi, OK.
- 1-19-60 Perforated four 1/2" holes/ft. 4874-90, 4892-98, 4904-12, 4954-68, 4974-84.
- 1-21-60 Spotted 200 gal. mud acid. Sand oil fractured with 50,000 gal. acids, 1 1/2 gal. sand and 120 balls. Maximum pressure 2500 psi, average rate 31.9 bbls./min.
- 1-22-60 to 1-23-60 Hailed frac sand, ran 2-3/8" tubing to 4880', ran rods and pump.
- 1-24-60 to 3-6-60 Pumped and recovered all load and frac oil, 1486 bbls.
- 3-7-60 INITIAL PRODUCTION  
Pumping, 25 B/D gross, 25 B/D clean, cut 0.4%, Gas 57 MCF/D, GOR 2290.  
Completed 3-7-60.

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  
P.O. Box 158  
Address Farmington, New Mexico

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

Original signed  
B. W. SHEPARD



