

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee allotted

Lease No. 14-20-603-1283

		X	
	18		

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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	X
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			

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

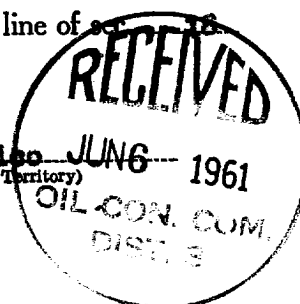
May 31, 1961

Carson Unit
Well No. 31-18 is located 660 ft. from N line and 1980 ft. from E line of 31-18

NE 18 (1/4 Sec. and Sec. No.) 25 N. (Twp.) 11 W. (Range) N.M.P.M. (Meridian)

Dist (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

Kelly Bushing
The elevation of the ~~surface~~ above sea level is 6404 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)

- 4-27-61 Set bridge plug at 4879', located hole in casing with squeeze tool at 2853'. Set tool at 2554'. Mixed 200 sacks cement. Displaced 180 sacks cement at 2000 psi, pressure rose to 3000 psi. Held 10 minutes - no bleed off. Reversed out cement. Pulled one stand, reset tool and pressured to 3000 psi for 1 hour - no bleed off.
- 4-28-61 Found hard cement at 2590'. Cleaned out and pushed bridge to 5059'.
- to
- 4-29-61
- 4-30-61 Spotted 400 gallons mud acid over perforations 4920-5030. Ran rods and pump. Pumping 6:00 P.M. 5-1-61.
- 5-1-61 Pump tested 5-1-61 to 5-22-61. Final rate 5 B/D gross, 4 B/D oil, 20% cut.

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 Post Office Box 1200

Farmington, New Mexico

Original Signed By

W. M. MARSHALL

By W. M. Marshall

Title Division Exploitation Engineer

