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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe, N.M.

Lease No. SI 074064

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.....	1
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.....	<u>Subsequent report on completion</u>	1

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

Carson Unit
Well No. 31-24 is located 600 ft. from N line and 1200 ft. from W line of sec. 24
24 (1/4 Sec. and Sec. No.) 25 (Twp.) 12 (Range) 10 (Meridian)
11st (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

Kelly Rushing
The elevation of the ~~derick floor~~ above sea level is 643 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)

- 3-27-60 Ran and cemented (5020') 4-1/2", 9.5#, J-55 casing at 5029' with 150
To sacks, 220 cu. ft. Portland cement treated with 48 gal. surface
3-28-60 temperature 300°F., formation temperature 1200°F. Estimated strength
of cement after 12 hrs. 1300 psi. Displaced with oil, held 1300 psi,
OK.
3-29-60 Perforated four 1/2" holes/ft 4576-9h, 4519-2h, 4543-31, 4560-60,
4576-60.
3-30-60 Spotted 200 gal. acid. Sand oil fractured with 50,000 gal. crude,
1 1/2 gal. sand. Dropped 100 balls. Maximum pressure 24.0 psi, average
rate 30 bbls/min.
3-31-60 Cleaned out frac sand. Ran 2-3/8" tubing to 4500', ran rods and pump.
To
4-2-60

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 Post Office Box 154

Armination, New Mexico

Original signed by
E. W. SHEPARD

By _____

E. W. Shepard

Title Exploitation Engineer

4-3-60 Pumped and recovered all lost and frac oil, 1540 bbls.

to

4-14-60

4-14-60 INITIAL PRODUCTION

Pumping 197 bbls loss, 190 bbls clean, cut 0.2%, 0.3 bbls gas,
at 3200. Completed 4-15-60.