



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe, N.M.
Lease No. SF 078063
Unit Carson Unit

SUNDRY NOTICES AND REPORTS ON WELLS **RECEIVED**

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	FEB 12 1959
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.....	GEOLOGICAL SURVEY
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	NEW MEXICO
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.....	Subsequent Report of Well Completed	

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

February 9, 1959

Carson Unit
Well No. 23-19 is located 1900 from N 1/4 line and 1980 from E 1/4 line of sec. 19
SW 19 25N 11W NMPM
(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 ~~drill hole~~ **Kelly Bushing** above sea level is 6447 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)

- 12-19-58 Ran and cemented (4964') 4 1/2", 9.5#, J-55 casing at 4974' with 150
to sacks (211 cu. ft., Portland cement, surface temperature 35°F, forma-
12-20-58 tion temperature 140° approx, estimated strength 1300 psi, cement
in place 36 hours + prior to testing.
12-21-58 Perforated four 1/2" holes/ft 4842-63, 4908-20, 4926-40, 4944-4955.
12-24-58 Spotted 200 gal mud + acid on perforations. Sand oil fractured with
50,000 gal oil, 1 1/2 gal sand + 295 nylon core balls. Minimum pressure
2700 psi, maximum pressure 3000 psi, average rate 36 bbls/min.

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 705 West Municipal Drive
Farmington, New Mexico

Original signed by
B. W. SHEPARD
By B. W. Shepard
Title Exploitation Engineer

12-27-58

ran 2" tubing to 440' run pump and rods.

12-28-58

Loaded and recovered all, 1549 bbls load and free.

to

2-4-59

2-5-59

Initial completion

Frased 24 hours, 17 bbls gross, 17 bbls clean, cut 0.3%, 8 MCF/D, gas
G R 470, Completed 2-5-59.