



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa FeLease No. SP 079601Unit Lydia Banta

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	<u>Report of Drill Stem Test No. 4</u>
	<u>Report of Perfor. & sand-oil fracing</u>

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

June 11, 1958

Well No. 4 is located 990 ft. from N line and 990 ft. from E line of sec. 19NE 1/4 - SE 1/4 Section 19
(1/4 Sec. and Sec. No.)25N
(Twp.)3E
(Range)N.M.P.M.
(Meridian)Undesignated (Dakota)
(Field)Rio Arriba
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 7291 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 5 1/2" casing 8129-30' to test cement job.

DRILL STEM TEST NO. 4 8118-8234' to test 5 1/2" casing perfs. 8129-30'.

Tool open 1 hr. with small blow air throughout. IP 350, FPI 2000, 30 min. SIBW 12850. Hydrostatic pressure 2910#. Recovered 20' of mud & 90' of load oil.

Perforated 5 1/2" casing 8096-8129' with 4 shots per ft. Total perfs. 34', 136 shots.

Fraced Dakota formation, down 5 1/2" casing, thru 5 1/2" casing perfs. 8096-8130' with 20,000# of 40-60 sand & 28,560 gals. of crude oil. BDP 4900#, Max. TP 3400#, Min. TP 2500#. Shut down pressure 2000#. Inj. rate 29 BPM. Time of treatment 33 min.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company _____

Address _____

By _____

Title District Superintendent