



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-B359.4

Indian Agency _____
Cont. # 317
Allottee _____
Lease No. _____

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	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL			

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

RECEIVED

FEB 19 1964

U. S. GEOLOGICAL SURVEY

February 17

19 64

Well No. 1 is located 790 ft. from [N] line and 790 ft. from [W] line of sec. 31

24 N

4 W

(4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Ballard

Rio Arriba

(County or Subdivision)

New Mexico

(State or Territory)

(Field)

K. B.

The elevation of the ~~surface~~ floor above sea level is 6817 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)

Completion Report

Jan. 18, 1964, moved in pulling unit, swabbed hole down, ran Gamma-collar log. Perforated 2489-2491 and 2495-2501 - 3 holes per foot, 28 gram jets. Showed a slight amount of gas natural. Fractured with 30,000 gal. water and 35,000 10-20 sand with 20 tons CO₂, one hour after frac opened well through 2" pipe 4 ft. long and blew well to unload frac water. Left open 44 hours. Took test at end of the 44 hours with a pitot tube. The 44th, 48th and 48th hours gauged 1,050 M.C.F. gas per day. Pictured Cliffs top 2467, T.D. 2637' - 4 1/2" casing 2637' - P.B.D. 2590'

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

Company Sentinel Petroleum Corporation

Address 1700 Broadway, Suite 517

Denver, Colorado 80202

By Hermon Beyer
Title Prod. Superintendent