



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R359.4.

Indian Agency **Navajo-Apache**  
Allottee **Contract #317**  
Lease No. \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

|   |                                     |  |  |
|---|-------------------------------------|--|--|
| NOTICE OF INTENTION TO DRILL                  | <input checked="" type="checkbox"/> | 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                 |  |
| NOTICE OF INTENTION TO ABANDON WELL           |                                     |  |  |

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

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**MAR 17 1964**  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

March 16, 1964

Well No. **2-31-317** is located **1190** ft. from **N** line and **1190** ft. from **E** line of sec. **31**  
**SW/4 Sec. 31** **24 N** **4 W** **NMPM**  
 (34 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Ballard** **Rio Arriba** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6850** 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)

Will set and cement 100' of 8-5/8" surface casing.  
 Estimate top Pictured Cliffs Sand: 2500'  
 Estimate Total Depth: 2600'  
 Will set and cement 4-1/2" production casing if commercial production is found.



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 817**  
**Denver, Colorado 80202**  
 By **C. F. Raymond**  
 Title **Geologist**

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