

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Lease #317

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

Tract #13

8. FARM OR LEASE NAME

Jicarilla-Abel

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

**S. Blasco Pictured
Cliffs**11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA**31-24N-1W 4 W**

12. COUNTY OR PARISH

13. STATE

Rio Arriba**New Mexico**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Sentinel Petroleum Corporation

3. ADDRESS OF OPERATOR

1700 Broadway, Suite 517, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

1002' FNL 1650' FNL Section 31; 8N1

At proposed prod. zone

Pictured Cliffs ent. 2450'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)**1002'**

16. NO. OF ACRES IN LEASE

16017. NO. OF ACRES ASSIGNED
TO THIS WELL**160**18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

approx. 2500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6866.1 G.L.

22. APPROX. DATE WORK WILL START*

3-15-65

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	8 5/8"	24#	100'	60 sacks
6 3/4"	4 1/2"	9.5#	approx 2500'	160 sacks

RECEIVED
MAR 12 1965
OIL CON. COM.
DIST. 3**Please note change in footages, from Intent to Drill, filed 2-26-65.****If productive, will set 4 1/2" casing, perforate Pictured Cliffs, sand-
water frac, run 1 1/2" EUE tubing. Comply with all rules and regulations
of U.S.G.S. and New Mexico Oil and Gas Commission.****RECEIVED****MAR 8 1965**

U. S. GEOLOGICAL SURVEY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. **Sentinel Petroleum Corporation**

SIGNED

Richard E. Hunt

TITLE

Agent

DATE

3-1-65

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

#2 Jicorville-Abel

Section A.

Date 2-1-65
 Operator SENTINAL PETROLEUM COMPANY Lease Jic Abel
 Well No. 2 Unit Letter I Section 31 Township 24 NORTH Range 4 WEST NMPM
 Located 1850 Feet From the SOUTH Line, 1092 Feet From the EAST Line
 County San Juan G. L. Elevation 6866.1 Dedicated Acreage 22.79 Acres
 Name of Producing Formation Pictured Cliffs Pool 3. Blanco Pictured Cliffs

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes 2 No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



Section B.

Note: All distances must be from outer boundaries of section.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Sentinal Petroleum Corporation

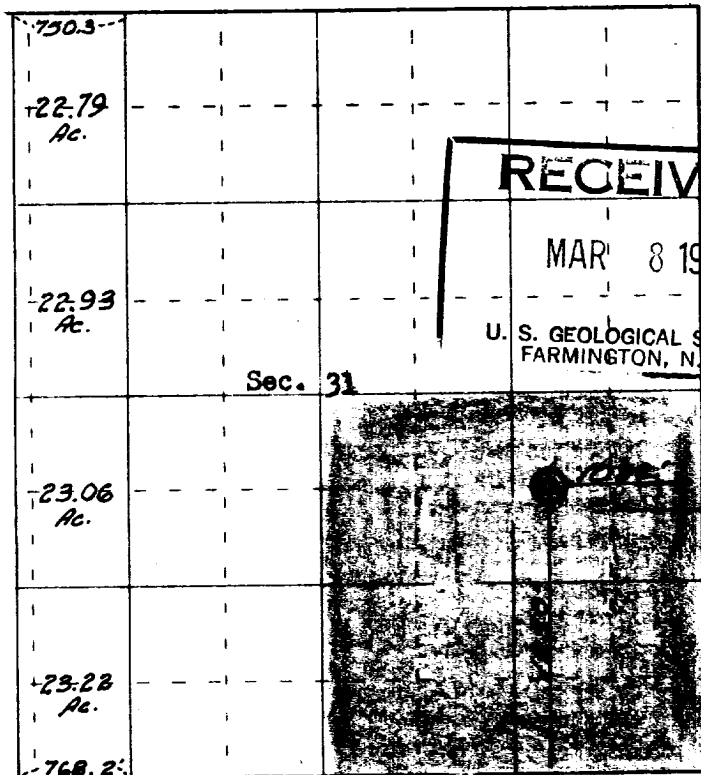
(Operator)

By: [Signature]
 (Representative) E. Hunt

1700 Broadway, Suite 817

(Address)

Denver, Colorado 80202



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed February 16, 1965

[Signature]
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463

