

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

~~Weesley Oil Company~~

Solih and Bunge Oil Co., Inc.

3. ADDRESS OF OPERATOR

~~P.O. Box 1227 Cortez, Colorado 81321~~ P.O. Box 177 Ctr.

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

At surface

1870' FSL & 860' FWL (NW SW)

At proposed prod. zone

Same

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

Location is 12.4 mi. SE of Star Lake Plant, New Mexico

15. DISTANCE FROM PROPOSED*

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

970'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

108'

19. PROPOSED DEPTH

2100'

20. ROTARY OR CABLE TOOLS

Rotary

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

6561' GR

22. APPROX. DATE WORK WILL START*

August 15, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7 5/8"	24# J-55	64' 90'	10 sxs Class C w/2% CaCl additives
6 1/2"	4 1/2"	9.5# J-55	T.D.	25 sxs Class C w/2% CaCl additives

All possible productive horizons must be cemented by cement. Bring cement above the Chacra.

Plan to cement 200-250' above any prospective producing zone. Test surface by pressuring with mud pump.

Surface Formation: Lewis Shale

Estimated Formation Tops: Chacra--572'

Cliff House--1078'

Menefee--1132'

Point Lookout--2053'

Estimated Depth of Anticipated Oil or Gas: 1950'

See attached diagram for pressure control equipment

Circulating Medium: Fresh Gel Mud

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.

SIGNED

Colleen Cohen

TITLE

Bookkeeper

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ak7

NMOCG

30-031-20808

5. LEASE DESIGNATION AND SERIAL NO.

NM-17184

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

FBC Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat Menefee

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 12, T19N, R5W

12. COUNTY OR PARISH

McKinley

13. STATE

New Mexico