

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
Solar Petroleum, Inc.

3. ADDRESS OF OPERATOR
Denver, Colorado 80202
One Denver Place, Suite 1300, 999 Eighteenth St.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1245' ENL & 80' FEL
At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles NE of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
30'

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40 Point with #106

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
600'

19. PROPOSED DEPTH
1025'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5229 G.L.

22. APPROX. DATE WHEN WELL START*
3-1-82

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FEB 04 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-2034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo "F"

9. WELL NO.
154

10. FIELD AND POOL, OR WELL AT
Horseshoe

11. SEC., T., R., M., OR B.L.
AND SURVEY OR AREA
31N-17W

12. COUNTY OR PARISH 13. STATE
San Juan Mex.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 5/8	8 5/8	23#	60'	200 sx-circulate
7 3/4	4 1/2	10.5#	1025'	200 sx-circulate

Propose to drill with mud through the Gallup formation, run mechanical logs, selectively perforate and fracture the productive zone. A blow out preventor as illustrated in the attachments will be installed and checked daily.

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JUL 7 1982
OIL CON. COM.
DIST. 3

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. SIGNED *[Signature]* TITLE Agent DATE 1-29-82
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE
CONDITIONS OF APPROVAL, IF ANY.

Hold C104 for NSL

sk2

NMOCC

APPROVED
DATE
JUL 02 1982
JAMES F. ELLIOTT
DISTRICT ENGINEER