

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25779

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo "P"

9. WELL NO.  
164

10. FIELD AND POOL, OR WILDCAT  
Horseshoe Gallup

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

Section 10, T31N, R17W

12. COUNTY OR PARISH 13. STATE  
San Juan New Mexico

17. NO. OF ACRES ASSIGNED  
TO THIS WELL 40

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
July 1, 1983

Approved pursuant to 30 CFR 290.

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  
999 18th St., #1300, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)  
At surface

At proposed prod. zone 1330' FNL & 1310' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
12 miles NE of Shiprock, NM

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

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

21. ELEVATIONS (Show whether DP, RT, GR, etc.)  
5243' Gr

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	23#	90'	70 sx (84 cu. ft.)
7-7/8"	5-1/2"	15.5#	945'	125 sx (150 cu. ft.)

RECEIVED  
JUN 3 1983  
GEOLOGICAL SURVEY  
FARMINGTON, N. M.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

GENERAL REQUIREMENTS

Drill 7-7/8" hole to just above Gallup sand, set 5-1/2" casing.  
Drill pay with clear brine, log and complete open hole.

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JUL 27 1983  
OIL CON. DIV.  
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 May 20, 1983  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

JUL 25 1983  
R Bingham  
for Area Mgr.

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

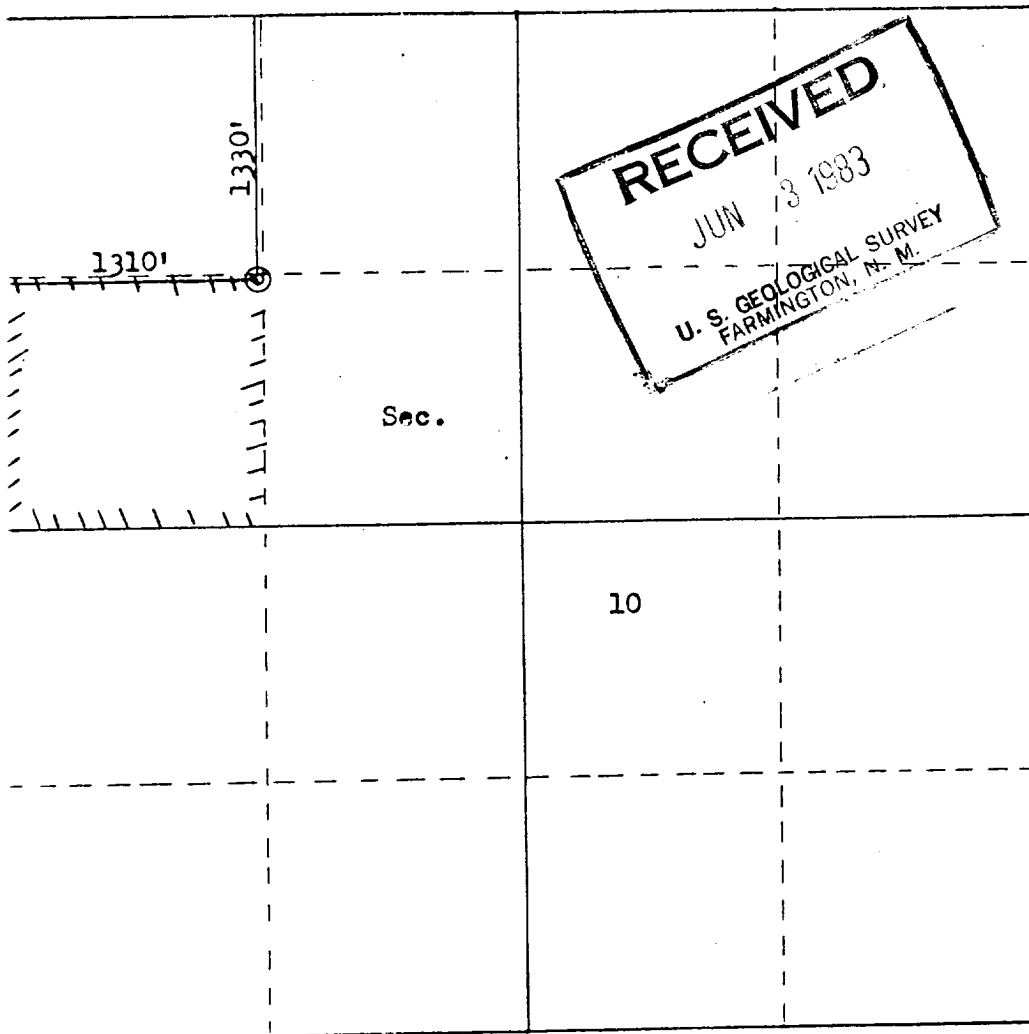
Operator <b>SOLAR PETROLEUM, INCORPORATED</b>			Lease <b>NAVAJO TRIBE OF INDIANS "F"</b>		Well No. <b>164</b>
Unit Letter <b>E</b>	Section <b>10</b>	Township <b>31N</b>	Range <b>17W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1330</b> feet from the <b>North</b> line and <b>1310</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5243</b>	Producing Formation <b>Gallup</b>		Pool <b>Horseshoe Gallup</b>		Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated (list on reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name \_\_\_\_\_

Position \_\_\_\_\_

Agent

Company

SOLAR PETROLEUM, INC.

Date

May 20, 1983

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_

May 1, 1983

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. \_\_\_\_\_

3950

