

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25417

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

2. NAME OF OPERATOR  
 Solar Petroleum Inc.

3. ADDRESS OF OPERATOR  
 One Denver Place, Suite 1300, 919-18th St. Denver, CO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface: 1330' FSL, 1310' FWL  
 At proposed prod. zone

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

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drilg. unit line, if any) 1310'

17. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5254 G.L.

RECEIVED  
 JUL 1 1982  
 U.S. GEOLOGICAL SURVEY  
 DENVER, COLORADO

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-603-2033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Navajo "G"

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.  
 227

10. FIELD AND POOL, OR WILDCAT  
 Horseshoe Gallup

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

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

14. ACRES ASSIGNED THIS WELL  
 Joint with # 202

15. TYPE OR CABLE TOOLS  
 None

22. APPROX. DATE WORK WILL START\*  
 12-1-82

PROPOSED CASING AND CEMENTING

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING
12 1/4	8 5/8	23#	60'
6 3/4	4 1/2	10.5#	1000'

QUANTITY OF CEMENT

10-circulate

10-circulate

Propose to drill with mud, run mechanical packers, perforate, and fracture the Gallup formation. A blowout prevention program will be used for blow out prevention. A blowout prevention illustration will be used for blow out prevention. It will be checked for proper operation daily.

as, perforate,  
 line attached  
 . It will be

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

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

APPROVED  
 NOT AMENDED  
 JUL 06 1982  
 ELLIOTT  
 JAMES F. ELLIOTT  
 DISTRICT ENGINEER

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

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

CONDITIONS OF APPROVAL, IF ANY:

Hold C104 for NSL

ch

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

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

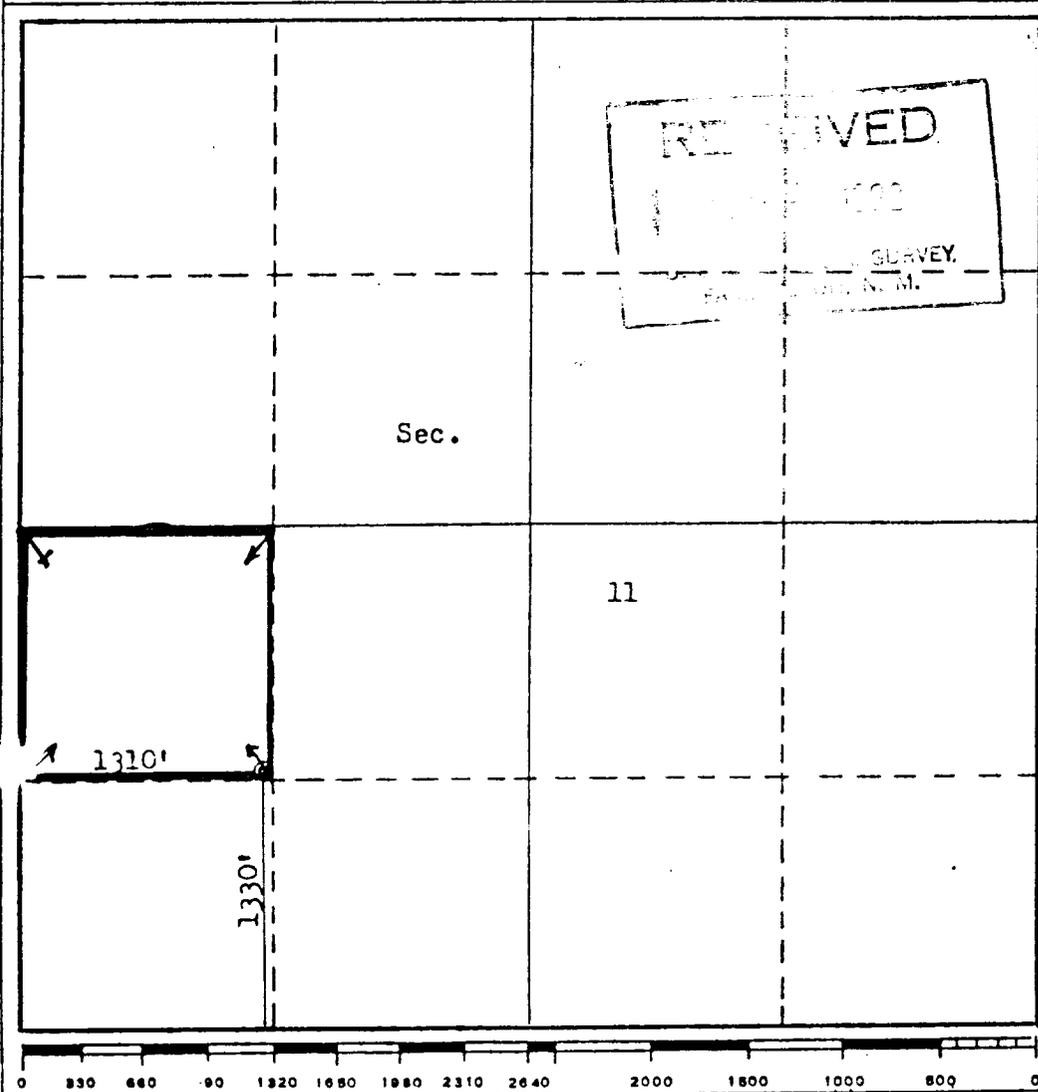
Operator <b>SOLAR PETROLEUM, INCORPORATED</b>			Lease <b>NAVAJO "G"</b>		Well No. <b>227</b>
Unit Letter <b>L</b>	Section <b>11</b>	Township <b>31N</b>	Range <b>17W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1330</b> feet from the <b>South</b> line and <b>1310</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5254</b>	Producing Formation <b>Horseshoe</b>		Pool <b>Gallup</b>		Dedicated Acreage: <b>40</b> joint with #202 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. (Use 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.



CERTIFICATION

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

Name: *[Signature]*  
 Position: **Agent**  
 Company: **Solar Petroleum, Inc.**  
 Date: **1-29-82**

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: **December 17, 1981**  
 Registered Professional Engineer and/or Land Surveyor  
*[Signature]*  
**Fred B. Kerr Jr.**  
 Certificate No. **3950**