

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2034	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Solar Petroleum, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR One Denver Place, Suite 1300, 999-18th St. Denver, Colo. 80202		8. FARM OR LEASE NAME Navajo "F"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 3530' FNL. 10' FEL At proposed prod. zone 3530'		9. WELL NO. 155	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 15 miles NE of Shiprock, New Mexico		10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 100'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA H 9-31N-17W	
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 600'		12. COUNTY OR PARISH San Juan New	
17. NO. OF ACRES IN LEASE 2560		13. NO. OF ACRES ASSIGNED TO THIS WELL 40 joint with #122	
18. PROPOSED DEPTH 1000'		20. ROTARY OR CABLE TOOLS Rotary	
21. APPROX. DATE WORK WILL BE COMPLETED 6-2-82		22. APPROX. DATE WORK WILL BE COMPLETED	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	5 7/8"	23#	60'	20 sx-circulate
8 1/4"	4 1/2"	18.5#	1000'	200sx-circulate

Propose to drill with mud, run mechanical logs, perforate, and fracture the Gallup formation. A BOP as per the attached illustration will be used for blow out prevention. It will be checked for proper operation daily.



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 prevention program, if any.

SIGNED J. Elliott 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

ok to

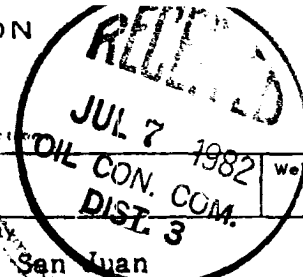
NMOCC

APPROVED
JAMES F. ELLIOTT

JUL 02 1982
JAMES F. ELLIOTT
DISTRICT ENGINEER

All distances must be from the outer boundaries of the Section

Operator SOLAR PETROLEUM, INCORPORATED			Lease NAVAJO "F"			Well No. 155		
Unit Letter H	Section 9	Township 31N	Range 17W	County San Juan				
Actual Footage Location of Well: 2630 feet from the North line and 10 feet from the East line								
Ground Level Elev. 5210	Producing Formation Gallup			Pool Horsehoe			Dedicated Acreage: 40 joint with #122 Acres	

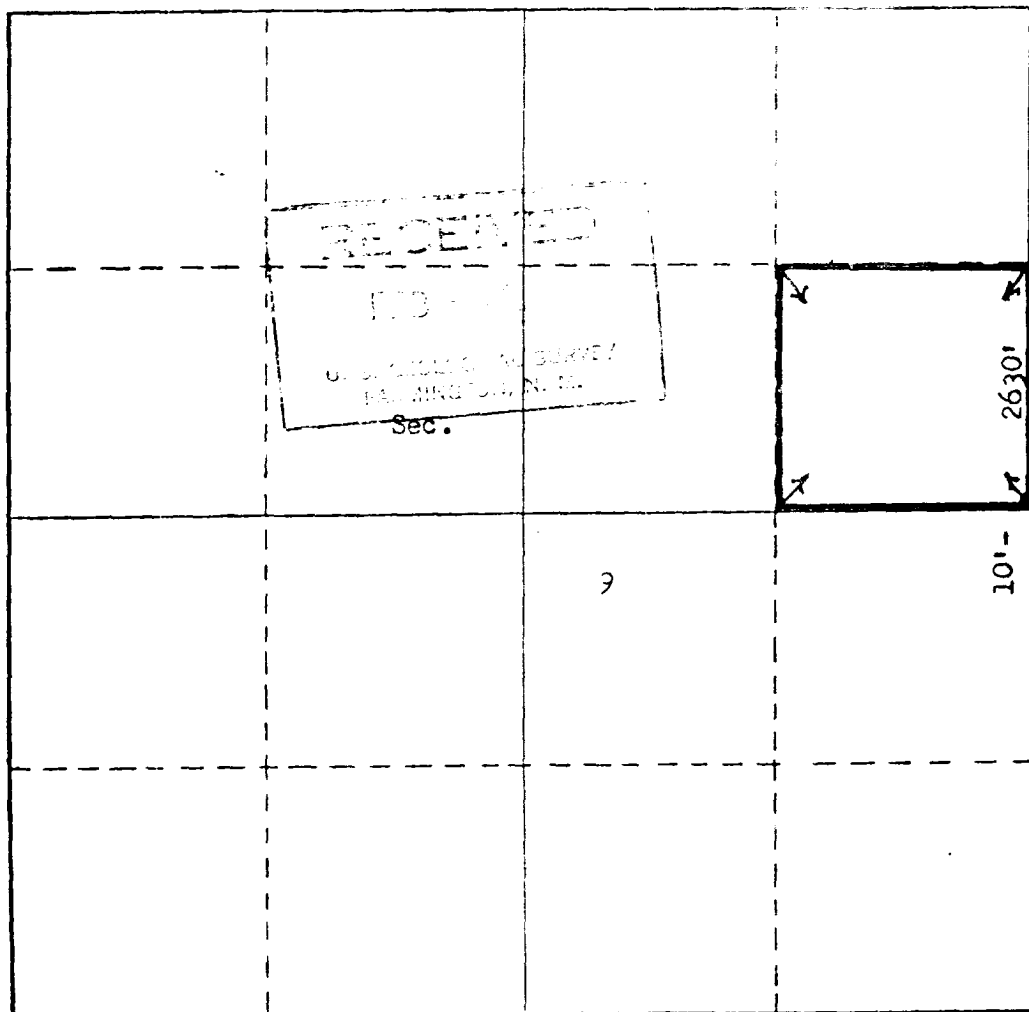


1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 *Joe Elledge*
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 *Fred B. Kerr Jr.*
Certificate No. 3950