

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2034	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal	
2. NAME OF OPERATOR Solar Petroleum, Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 999 18th St., #1300, Denver, CO 80202				8. FARM OR LEASE NAME Navajo "F"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface At proposed prod. zone 1310' FSL & 1330' FEL				9. WELL NO. 167	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles NE of Shiprock, NM				10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1310' 10'				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10, T31N, R17W	
16. NO. OF ACRES IN LEASE 2560				12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40				13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 900'				19. PROPOSED DEPTH 885'	
20. ROTARY OR CABLE TOOLS Rotary				21. APPROX. DATE WORK WILL START* July 1, 1983	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 5215' GR				23. QUANTITY OF CEMENT 70 sx (84 cu. ft.) 125 sx (150 cu. ft.)	
24. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE		SIZE OF CASING		WEIGHT PER FOOT	
12-1/4"		8-5/8"		23#	
7-7/8"		5-1/2"		15.5#	
SETTING DEPTH		90'		855'	

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

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:

Joint with #144 + 156

NSL 1710

ok 2

RECEIVED

JUL 25 1983
R. Bingham
for Area Mgr.

RECEIVED
JUL 27 1983
OIL CON. DIV.
DIST. 3

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 SOLAR PETROLEUM, INCORPORATED			Lease NAVAJO TRIBE OF INDIANS "F"		Well No. 167
Unit Letter 0	Section 10	Township 31N	Range 17W	County San Juan	
Actual Footage Location of Well:					
1310 feet from the South line and 1330 feet from the East line					
Ground Level Elev: 5216	Producing Formation Gallup	Pool Horseshoe Gallup	Dedicated Acreage: 40 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.

RECEIVED

JUN 27 1983

OIL CON. DIV.

DIST. 3

<div data-bbox="232 1134 524 1193" data-label="Text">RECEIVED</div> <div data-bbox="280 1217 482 1266" data-label="Text">JUN 6 1983</div> <div data-bbox="232 1300 535 1364" data-label="Text">U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.</div>			
Sec.		10	
		1330'	
		1310'	

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 *J. J. [Signature]*
 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 3, 1983**
 Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
 Fred B. Kerr Jr.
 Certificate No. **4888**
1950

