

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25773

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 requirements.)

At surface

At proposed prod. zone 1310' FSL & 2630' 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)

2630'

1310'

16. NO. OF ACRES IN LEASE

3560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

850'

19. PROPOSED DEPTH

1065

20. ROTARY OR CABLE TOOLS

Rotary

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

5255' Gr.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

July 1, 1983

23. FEDERAL REQUIREMENTS AND CEMENTING PROGRAM

This section is subject to approval pursuant to 30 CFR 290.

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#	1035'	125 sx (150 cu. ft.)

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

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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

Joe Elledge

TITLE Agent

DATE

May 23, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

DATE

JUL 25 1983

CONDITIONS OF APPROVAL, IF ANY:

Test with #25

NSL 1710

111000

R. Bingham
For Area Mgr

OIL CONSERVATION DIVISION

P. O. BOX 2048

Form C-107
Revised 10-1-78STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

Operator SOLAR PETROLEUM, INCORPORATED			Lease NAVAJO TRIBE OF INDIANS "F"		Well No. 160
Unit Letter N	Section 4	Township 31N	Range 17W	County San Juan	
Actual Footage Location of Well: 1310 feet from the South line and 2630 feet from the West line					
Ground Level Elev: 5255	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?

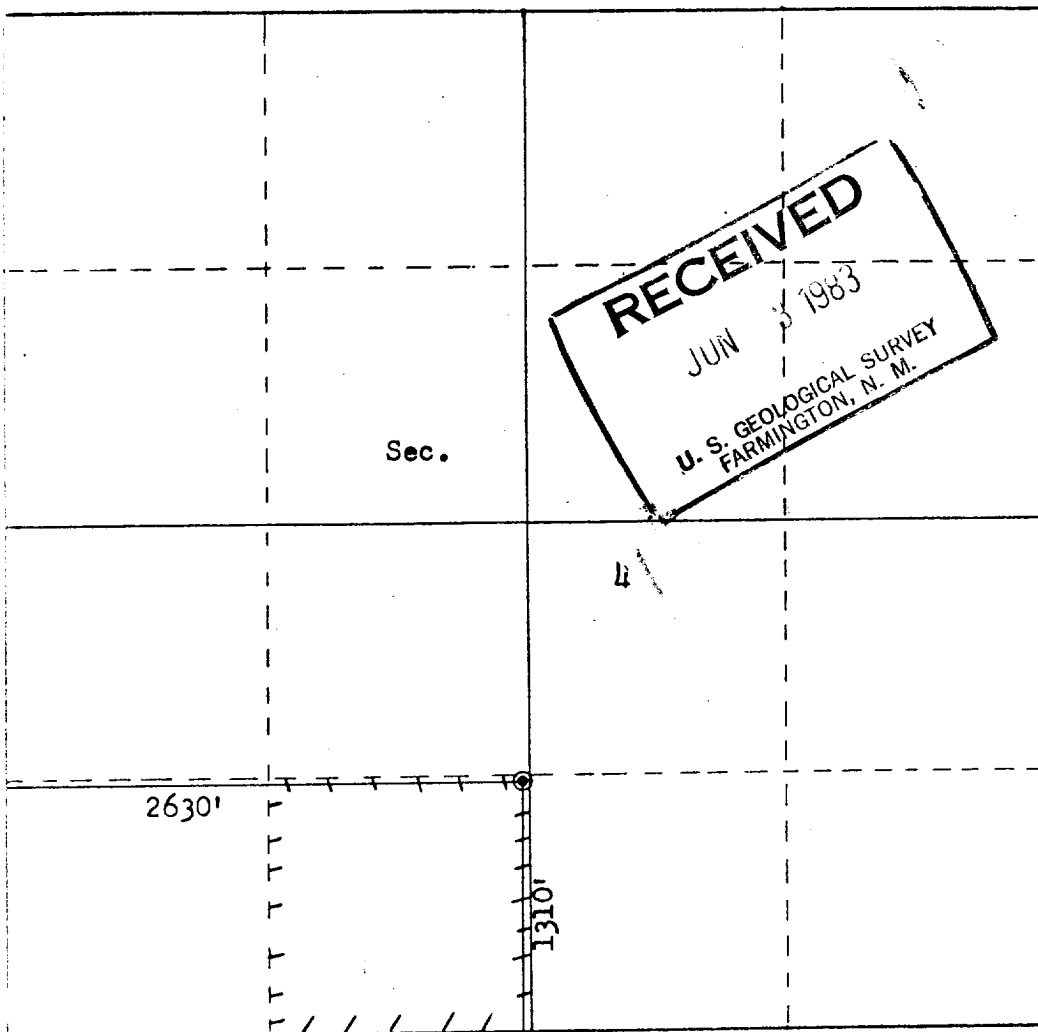
☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated on the 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.

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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 3, 1983

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Certificate No. 1422

3950

