SUBMIT IN TRIPLICATE. (Other instructions on reverse side)

Form approved. Budget Bureau No. 42 R1425.

UNITED STATES

| DRI D. TYPE OF WELL OIL & G. WELL & W. NAME OF OPERATOR Solar Pet | N FOR PERMIT | DEEPEN [] | PLUG BACKERS IN MULTIPLE IN SORE | ak 🗆 | 14-20-603-2034 6. IF INDIAN, ALLOTTER OR TRIBE Nava jo 7. UNIT AGREEMENT NAME |
|--|---|---|---|-------------------------|---|
| DRI D. TYPE OF WELL OIL & GA WELL & W NAME OF OPERATOR Solar Pet ADDRESS OF OPERATOR 1660 Linc LOCATION OF WELL (B) At surface | LL X OTHER | DEEPEN [] | PLUG BAC | ak 🗆 | |
| OIL. X GAW. NAME OF OPERATOR Solar Pet ADDRESS OF OPERATOE 1660 Linc LOCATION OF WELL (BOAT Surface | ELI. OTHER | | | | |
| Solar Pet ADDRESS OF OPERATOR 1660 Linc LOCATION OF WELL (B. At surface | roleum, Inc. | | | LA | 8. FARM OR LEASE NAME |
| 1660 Linc Location of Well (B) | roredm, Inc. | | | | Navajo F'' |
| LOCATION OF WELL (B. At surface | | | | | 150 |
| At surface | oln Street, Su | te 1500, Denve | r, Colorado 80 | 264 | 10. FIRLD AND POOL, OR WILDCA |
| At proposed prod. son | 140× | | State requirements.*) | | Horseshoe Gallup |
| At proposed prod. son | 4336 FSL | 1330' FWL | | | 11. SEC., T., H., M., OR BLK. AND SURVEY OR AREA |
| | Same | | | | Sec.4, 31N, 17W |
| DISTANCE IN MILES | AND DIRECTION FROM NEA | REST TOWN OR POST OFFIC | ·B• | | Sec. 4, 31N, 17W 12. COUNTY OR PARISH 13. STA |
| 14 miles | NE of Shiprock |) 18 N | O. OF ACRES IN LEASE | 1 17 80 | San Juan N.M |
| LOCATION TO NEAREST PROPERTY OR LEASE L | ine, ft. | ĺ | | | THIS WELL |
| (Also to nearest drig B. DISTANCE FROM PROP | OSED LOCATION* | 330 ¹ 19. P | 2560 BOPOSED DEPTH | 20. ROT. | 40 ARY OR CABLE TOOLS |
| TO NEAREST WELL, DI OR APPLIED FOR, ON THI | HILLING, COMPLETED, IS LEASE, PT. | 900' 1 | 110 | | Rotary |
| . ELEVATIONS (Show whe | | | | · | 22. APPROX. DATE WORK WILL |
| | 262' G.L. | | | | 9-25-80 |
| | 1 | PROPOSED CASING AN | D CEMENTING PROGR. | AM | |
| MIZE OF HOLE | BIZE OF CABING | WEIGHT PER FOOT | SETTING DEPTH | | QUANTITY OF CEMENT |
| 121/2 | 8 5/8 | 23# | 60' | | 20 sx |
| 6 3/4 | 43 | 10.5# | 1110' | - | 200 sx |
| Run logs. producing If well i preventor | Run 4½ casing zone. Run roos dry will plug will be instal | and cement to is and tubing, and abandon a led and checke | the surface. set pumping uni s per USGS inst d daily. | up to Perfort. Puructio | NOV 25 1980 OIL CON. COM. DIST. 3 |
| ne. If proposal is to eventer program, if any | drill or deepen direction | ally, give pertinent data | on subsurface locations a | nd measure | ed and true vertical depths. Give |

APPROVED B

CONDITIONS

AS AMENDED

DISTRICT ENGINEER

OF NEW MEXICO S MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

form C-107 Revised 10-1-

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

| Operator | | | Lease / 1/ | 10/2000 | | Well No. |
|-------------------------------|--|--|--|---------------------------------------|----------------------------|---|
| SOLAR PETROLEUM, INCORPORATED | | | | e of ondians | · | 150 |
| Unit Letter | Section | Township 31N | Range 17W | County San J | uan | • |
| Actual Footage Lo | cation of Wells | | _ | | | |
| 1405 Ground Level Elev | | outh line a | nd 1330 TP∞1 | feet from the ' W | est | line cated Acreage: |
| 5262 | G | allup | Horsesl | noe | | 40 Acres |
| 1. Outline t | he acreage dedic | ated to the subject | well by colored pen | cil or hachure ma | rks on the p | lat below. |
| | than one lease is and royalty). | dedicated to the v | vell, outline each an | d identify the own | ership there | of (both as to working |
| | | different ownership unitization, force-po | | vell, have the inte | rests of all | l owners been consoli- |
| Yes | ☐ No If a | answer is "yes;" typ | e of consolidation _ | | | |
| If answer | is "no," list the | owners and tract de | escriptions which ha | ve actually been o | consolidated | l. (Use reverse side of |
| this form | if necessary.) | | | | | |
| No allows forced-po- | ible will be assignationally of the second s | ned to the well until | all interests have be dard upit, eliminating | en consolidated z such interests 3 | (by commun | itization, unitization, proved by the Commis- |
| sion. | | , | | S vaen interestes, i | ida been api | proved by the Commis- |
| | | | | | CE | ERTIFICATION |
| | İ | | i | | | |
| | 1 | | Į, | | - | fy that the information con- is true and complete to the |
| | i | | i i | | | owledge and belief. |
| | . 1 | | 1 | | , | |
| · | | | 1 | N | 71 | 5 12 1 |
| | -1 | | | 1 /s | osition | Millar |
| | • 1 | | ! | | | gent |
| | l | | ! ! | C | omp ony Solar Pe | troleum, Inc. |
| | | | i I | D | ate | |
| | 1 | Sec. | 1 | 1 - | Augus | t 12, 1980 |
| | | | | | | |
| | | 4 | | 5. | - | ilfy that the well-location plat was plotted from field |
| | | | | | | al surveys mode by me or |
| | | | | | • | correct to the best of my |
| | | | NOV251 | 180 | knowledge and | · · |
| 13301 | | | for took c | | | |
| | _ 9 | | DIST. 3 | | ate Surveyed | |
| | 330 | | The state of the s | | August | 2_1980 |
| | - | | 1 | 1 1 | egistered Port | ENED EN EUD COL |
| | 1 | | 1 | | 2 121 | 3 |
| | f | | 1 | | Fred B | Kent Jr. |
| | Sca | le: 1"=1000' | | | 3950 2 | |
| | | | | L | | |



P.O. BOX 819 Bloomfield, New Mexico 87413

(505) 632 - 3385

Medical Control on for

July 1, 1980

Compliance Office-Navajo Tribe Navajo Land Administration Office P. O. Box 410 Montezuma Creek, Utah 84534

move 10' of his

Dear Sirs:

Solar Petroleum, Inc., Suite 1500, 1660 Lincoln Street, Denver, Colorado, 80264, will stake the below listed wells around July 15, 1980.

| • 1. | Section 1, | 1320 FSL, | 2640 FWL, | T31N, | R17W |
|------------|-------------|--------------------|---------------------------|-------|-------|
| 2. | Section 2, | 1320 FNL, | 1320 FEL, | T31N, | R17W |
| 3. | Section 4, | 760 FNL, | 1320 FEL, | T31N, | R17W |
| 4. | Section 4, | 1420 FNL, | 1320 FEL, | T31N, | R17W |
| 5. | | 1 3 20 FWL, | 1 3 20 PD , | T31N, | R17W |
| 6 . | Section 9, | IC AS FNL, | 2640 FEL, | T31N, | R17W |
| • 7. | Section 9, | 1320 FNL, | 132 <u>0</u> FEL, | T31N, | R17W |
| 8. | Section 10 | 2600 FWL, | 2640 FNL, | T31N, | R1 7W |
| 9. | Section 10, | 2 64 0 FNL, | 1320 FWL, | T31N, | R17W |
| 10. | Section 10, | 1320 FSL, | 1320 FWL, | T31N, | R17W |

As per the attached copy of the letter to the U.S.G.S., surpeying and staking approval has been abtained by Solar Petroleum, Inc.

If further information is needed please contact me at the letterhead address or phone number.

Sincerely yours,

13771

ROF L. of to State

Joe F. Elledge

JFE/jr

C.C. U.S.G.S.-Farmington
Solar Petroleum, Inc.-Denver, Colo.

, Inc.-Denver, Colo.

CONSILTING PRODUCTION

P.O. BOX 819 Bloomfield, New Mexico 87413

operator (b)

(505) 632 - 3385

Bafor antering Janda you will be required to solife.

Compliance Office Marajo Trible

Marajo Jand Afministration Office

P.O. Box 410

Monteguma Creek, Utak 84534

Phone: (801) 651-3208

Nellie Jackson

District Engineer United States Geological Survey P. O. Box 959 Farmington, New Mexico 87401

Dear Sir:

Solar Petroleum, Inc. Suite 1500, 1660 Lincoln Street, Denver, Colorado 80264, proposes to stake the below listed oil wells on the Navajo Reservation in San Juan County, New Mexico.

| 1. | Section | 1, | 1320 FSL, | 2640 FWL | T31N, R17W |
|-----------|---------|-----|-----------|------------|------------|
| 2. | Section | 2, | 1320 FNL, | 1320 FEL, | T31N, R17W |
| 3. | Section | 4, | 760 FNL, | 1320 FEL, | T31N, R17W |
| 4. | Section | 4, | 1420 FNL, | 1320 FEL, | T31N, R17W |
| 5. | Section | 4, | 1320 FWL, | 1320 FEL, | T31N, R17W |
| 6. | Section | 9, | 5'FNL, | 2640 FEL, | T31N, R17W |
| 7. | Section | 9, | 1320 FNL, | 1390 FEL, | T31N, R17W |
| 8. | Section | 10, | 2600 FWL, | 2640 FNL, | T31N, R17W |
| 9. | Section | 10, | 2640 FNL, | 1320 FWL, | T31N, R17W |
| 10 | Section | 10 | 1320 PSL | 1.320 PWI. | T31N R17W |

6.63ml

6-25-80

JFE/jr

C.C. Sherwin Artus
Solar Petroleum, Inc.
Denver, Colo. 80264.

of 15 day waiting paried of staking will be officed in order to give to Dela on apportunity to voice any objections clay

Yours twill

F. Elledge

wast on Dosignation Takins when

SOLAR PETROLEUM, INC.

Navajo "F" #150

OPERATION PLAN

I. Location:

K-4-31N-17W

Field:

Horseshoe Gallup

Elevation:

5262

II. Geology:

A. Formation Tops:

Surface:

Mancos

Gallup:

1030

Sanastee:

1060

B. Logging Program: I-ES and Gamma Ray-Density logs.

C. Coring Program: None

III. Drilling:

A. Mud Program: Low solid mud-surface to T.D.

IV. Materials:

| Α. | Casing Program: | Hole Size | Depth | Casing Size | Wt. & Grade |
|----|-----------------|-----------|-------|-------------|-------------|
| | | 121 | 60' | 8 5/8 | 23# H-40 |
| | | 6 3/4 | 1200' | 41/2 | 10.5# K-55 |

B. Float Equipment: Casing will be run with a regular guide shoe and float

collar. Pipe will be centralized through pay zones.

C. Tubing: If commercial, 2 3/8" 4.7# EUE tubing will be utilized

for the completion string.

D. Wellhead Eqpt. A series 600 flanged tree will be used to accommodate

4½" casing and the 2 3/8" tubing string.

V. <u>Cementing</u>: The Gallup interval will be cemented conventionally with 100 sx 65/35 pozmix cement, 2% gel and 100 sx Class "B" neat. Loss circulation additives will be used if needed.

SOLAR PETROLEUM, INC.

Navajo "F" #150

1. Existing Roads

Refer to Map which shows the existing roads. New roads which will be required have been marked on this map. All existing and new roads will be properly maintained during this period.

2. Planned Access Roads

The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed 20 feet (20') in width. Upon completion all roads will be adequately drained to control said erosion. Drainage facilities may include ditches, water bars, culverts or other measures necessary to insure proper drainage.

 Location of Existing Wells

See Attached map.

4. Location of Tank
Batteries, Production
facilities, and production
gathering and service lines

If this well is productive, it would be oil.

The facilities would be a wellhead, pumping
unit and flow lines to an existing central battery.

 Location and Type of water supply.

Produced water from the Navajo "F" lease will be used.

Source of Construction Materials

All construction material will be purchased and hauled to the location. No additional materials will be required.

- 7. Methods of Handling Waste Materials.
- a. Cuttings will be buried 3' below surface.
- b. Drilling fluid will be left in a fenced, open pit to evaporate.
- c. Portable toilet to be provided.
- d. Trash will be burned in burn pit then buried.
- e. After pit area is dry, cuttings will be pushed into pit and sub soil will be placed on any remaining fluid and cutting then top soil will be placed over both pit and location area.
- 8. Ancillary Facilities

No camps or airstrip will be associated with this project.

9. Well Site Layout

Refer to attached plat.

10. Plans for Restoration of the surface

After completion of the proposed project, the

location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out as controlled by the regulatory body.

11. Other Information

The terrain is flat covered with grass and some sagebrush.

12. Operator's Representative

Elledge Consulting & Production Company P. O. Box 819
Bloomfield, New Mexico 87413

Harold Elledge-President Office Phone: 632-3385 Home Phone: 632-8476 OR

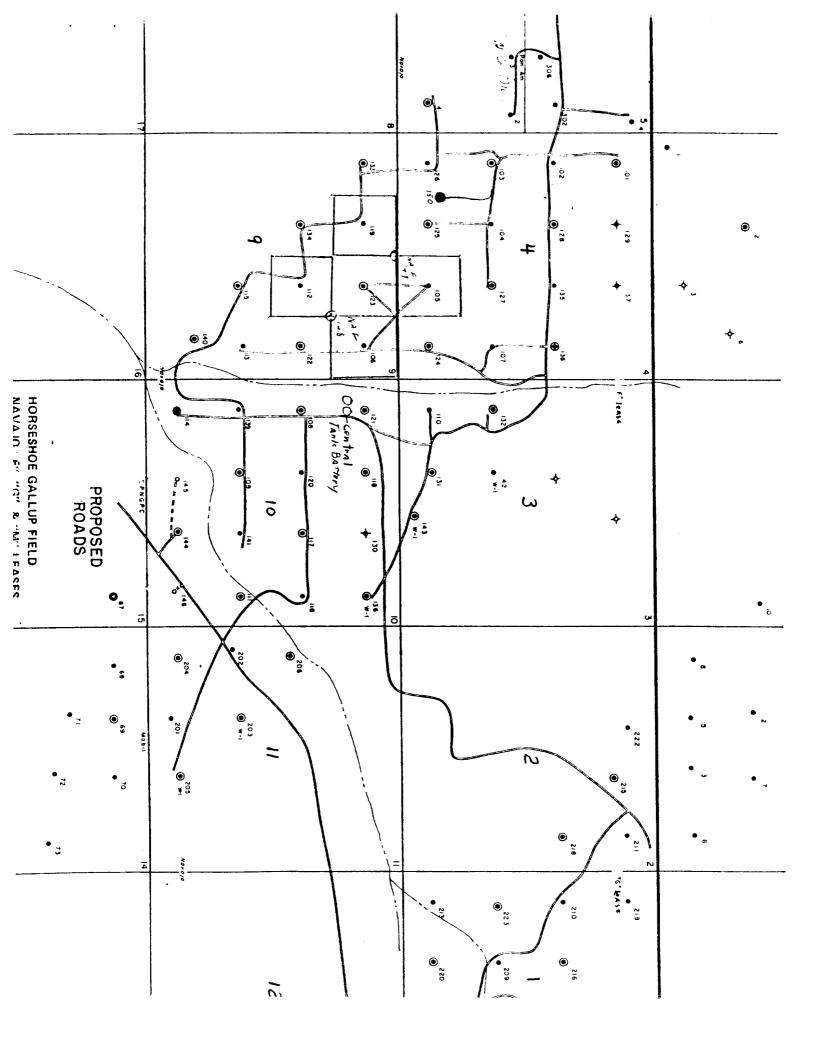
Solar Petroleum, Inc. 1660 Lincoln Street Suite 1500 Denver, Colorado 80264 Phone: 303-861-9561

13. Certification

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Solar Petroleum, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date: August 13, 1980.

Harold W. Elledge



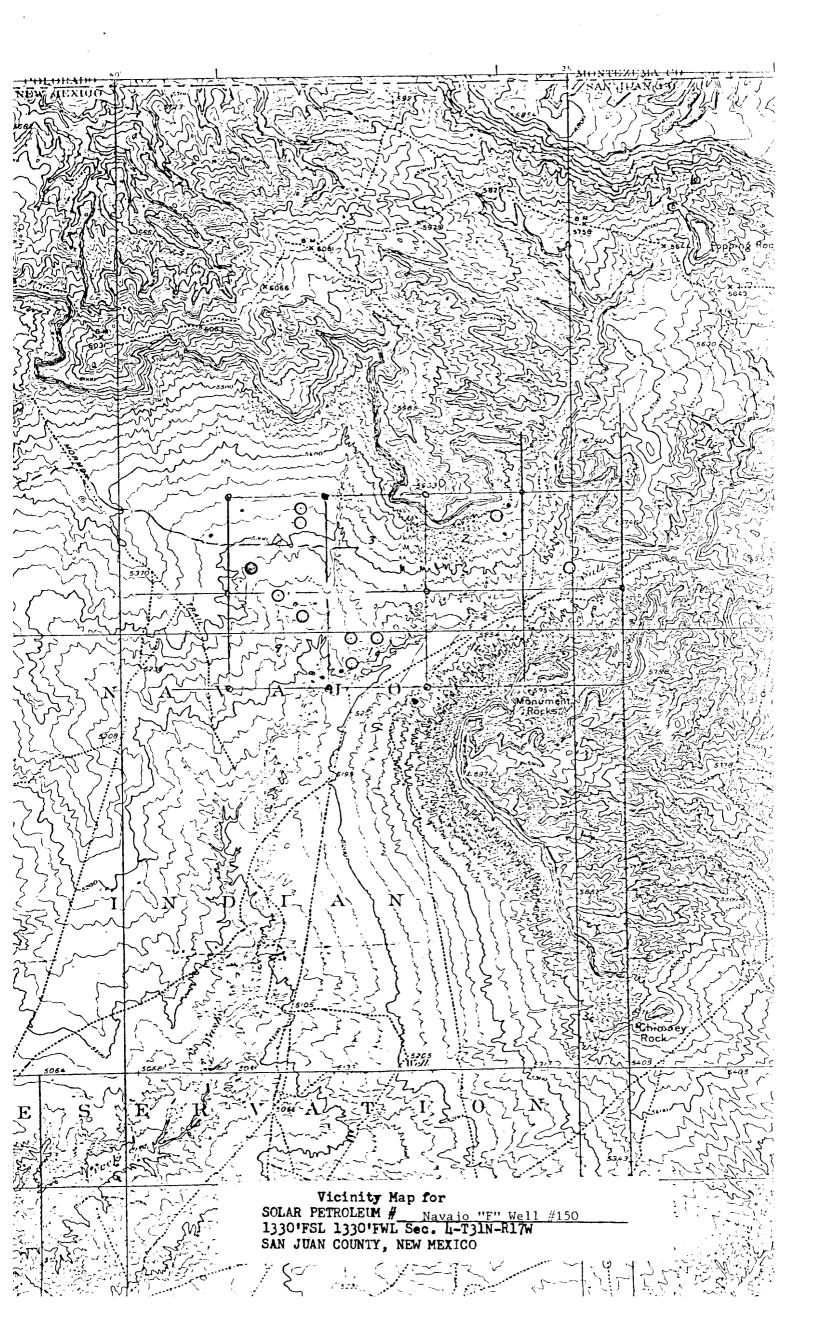
Pipe Basket Reserve Pit bit gneu

47.11.7. 1.1.

.

į

. .



November 20, 1974

LENDICANDUM

: Druce Anderson, Division of Archaeology, National Park Fervice,

P.O. Box 728, Lanta Fe, New Mexico 87501

FROM : J. Lee Correll, Archaeologist and Supervisor of Research Lection,

Museum and Besearch Dept., The Navajo Tribe

EUEJECT: Archaeological Clearance - Associated Royalties Lease, 10 Miles

North of Ehfprock, New Mexico. Hundled by Engineering & Production

fervice, farmington, New Mexico

Pursuant to the request of Mr. J. D. Hicks of the Engineering & Production Service Company of Farmington, New Mexico, accompanied by him, I examined the area held under lease by Associated Royalties. The region is something of a big sink, relatively flat with gravel mounds about the periphery. The area is criss-crossed by existing access roads, and there are a number of operating oil wells. Those areas examined, all in Township C1 N, Range 17 W, were:

bection 3 - W ½ only

" 4 - All of Section

" 5 - E ½ only

" 9 - All except the SW ¼

" 10 - All of Section
" 11 - W ½ only

Other than on Navajo family who maintains a dwelling within the area, no evidence of either prehistoric or historic occupancy was noted, and archaeological clearance is hereby recommended.

J Lee Correll, Archaeologist and Supervisor - Research Section Museum & Research Department

The Navajo Tribe

CC: J. D. Hicks
Mortin A. Link
File
Chrono