SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

		TED STATES T OF THE INT	reverse	side)	30-045-25178
		OF THE INT	ERIOR		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2034
A DDL ICATION			TOTAL OR BLUC	D.A.CV	6. F INDIAN, ALLOTTER OR TRIBE NAME
	Y FOR PERMIT	TO DRILL, DEL	PEN, OR PLUG	RACK	Navajo Tribal :
1a. TYPE OF WORK	LL 🖾	DEEPEN 🗌	PLUG BA	CK 🗆	7. UNIT AGREEMENT NAME
b. TYPE OF WELL			1200 57	, CI, CI	
	ELL OTHER		zone X MULTI	IPLE D	S. FARM OR LEASE NAME
2. NAME OF OPERATOR				÷	Navajo "F"
3. ADDRESS OF OPERATOR	roleum, Inc.			- :	9. WELL NO.
	St., #1300, De	200 802 mayor		202	40. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (R			RECEIVE	D 🔢	Horseshoe Gallup
At surface		4		D living	11, SEC., T., R., M., OR BLE,
At proposed prod. zon	e 2600' FNL	& 1287' FEL	JUN 6 1983	910194	CAND SURVRY OR ARBA
			<del>-</del>	£ 1	Section 9, T31N, R17W
14. DISTANCE IN MILES A	AND DIRECTION FROM NE.	AREST TOWN OR POST OF	S. GEOLOGICAL SURV	EV TO	12. COUNTY OR PARISH 13. STATE
12 MILLES  15. DISTANCE FROM PROPU			FARMINGTON, N. M.		San Juan New Mexico
LOCATION TO NEAREST PROPERTY OR LEASE L	:	3333			HIS WELL TO THE WELL TO THE THE THE TENT OF THE TENT O
(Also to nearest drlg 18. DISTANCE FROM PROP	. unit line, if any)	33'	PROPOSED DEPTH	- 20 post	RY OR CABLE TOOLS
TO NEAREST WELL, DI OR APPLIED FOR, ON THI	RILLING COMPLETED	\ \		20. 8017	Rotary
21. ELEVATIONS (Show whe		RILLING OPERATIONS		<del></del>	22. APPROX. DATE WORK WILL START*
5193' GR		UBJECT TO COMPLIAN		कुट । कुट ।	1 - July 1 - 1983
23.		GENERAL REQUIREME PROPOSED CASING A	N152 AND CEMENTING PROGR	RAM O	System of the County of the County of the County
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	BD1	THE THEFMENT TO SEE COME 200.
12-1/4"	8-5/8"	23#	90'		x (84 cu. ft.)
7-7/8"	5-1/2"	15.5#	900'		x (150 cu. ft.)
		_		7 2	
ļ		l .	ļ		
					10 10 10 10 10 10 10 10 10 10 10 10 10 1
				87 4.	
Drill 7-7/8"	hole to just	above Gallup s	and, set 5-1/2"	casing.	
			lete open hole.	# <u> </u>	2 ~ 2 ~ 40 (F3)411
				m	ECEIVE
				IK	
				A/	是最近多字第8章音音
				<u> </u>	
				#	THE CON-
				5) 5; 7;	nd 3
				Ÿ	
				5	휴 설탕 죽핥 통이 용했었다.
			•	- F	병 팔릴 집중 결과 공속회기
					획 추위 관중 관수 인원입산
					uctive zone and proposed new productive I and true vertical depths. Give blowout
reventer program, if any				-	
34.	0111			Han.	회 현충 중위 발원 심장성실
SIGNED	Elledge	TITLE _	Agent		May 20, 1983
	al as State office was				
(This space for Feder	al or State office use)				
PERMIT NO.			APPROVAL DATE		APPROVED
					AS AMENDED
APPROVED BY		TITLE		* :	DATE
CONDITIONS OF APPROVA				1	>; 7JUL 2 5 19 <b>83</b>
Frent With	… かりつつ	·		1.	Busham
N 12	Tarkang.	<b>一</b>	)nn		On a survey
, V · •-	U.S.		440)	122	i Cenau Myr.
				100	cle and in first

## OIL CONSERVATION DIVISION

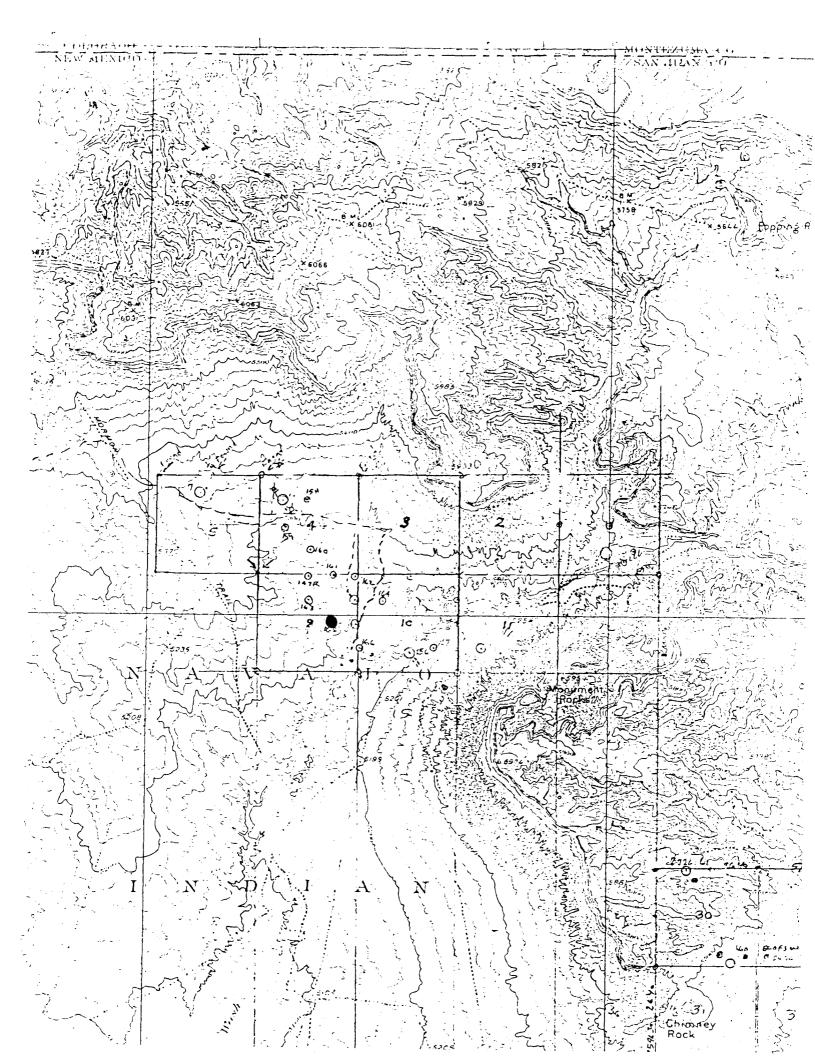
#### STATE OF NEW MEXICO TRGY AND MINERALS DEPARTMENT

# P. O. UOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-78

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

Operator			Lease				Well No.
SOLAR PETRO	LEUM. INCORPO	RATED	NAVAJO	TRIBE (	OF INDIA	VS #F#	165
Unit Letter	Section	Township	Range		County		
H	9	31N	1	.7W	San	Juan	
Actual Footage Loc	ation of Well:				<u> </u>		
2600	feet from the N	orth line and	1287	fee	t from the	East	line
	Producing For		Pool				Dedicated Acrogan
5193	Gal	.lup	Hors	seshoe	Gallup		40 Acres
2600 Ground Level Elev: 5193  1. Outline th  2. If more the interest and dated by comparing the form it has form it has form it has allowed.	reet from the Normal Producing For Galle acreage dedicates and one lease is and royalty).  In one lease of doministration, we will be assignable will be assignable will be assignable will be assignable with the second s	dedicated to the we dedicated to the we deficient ownership is unitization, force-pool namer is "yes;" type owners and tract dested to the well until a for until a non-standard or until a non-standa	Hors vell by color ll, outline es  dedicated to ling. etc? of consolida criptions wh	seshoe ed pencil of ach and ide the well, tion ich have a	ctually bee	marks on ownership nterests on consolidate  I hereby tained hest of  Name  Company SOLA  Date  I hereb shown ones of under metal true	40 Acres
	U. S. GEOLOG FARMINGT	HCAL SURVEY,	         			Registered	3, 1983  I Professional Engineer and Surveyor.  B. Kerr Jr.
	Sca	le: 1"=10001				3950	The state of the s



By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox locations are hereby approved.

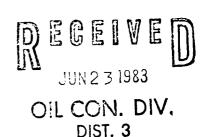
Sincerely,

OE D. RAMEY,

Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
Minerals Management Service - Farmington



By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox locations are hereby approved.

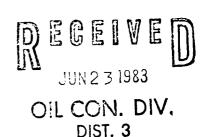
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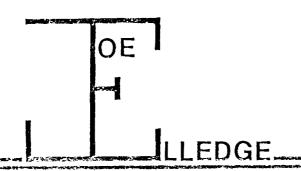
#### STATE OF NEW MEXICO

# ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

OIL CONSERVATION DIVISION (505) 334-
BOX 2088 SANTA FE, NEW MEXICO 87501
DATE 6-9-83
RE: Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PHX
Gentlemen:
I have examined the application dated $6-6-63$
for the Solar Petroleum Corp Novin Tribe of Indian F secs 49 +10- Operator Lease and Well No. Unit, 'S-T-
and my recommendations are as follows:
Anninue wells 147R, 150 1.59, 160, 161, 162, 163, 164, 165, 166, and 167
ant 167
·
Yours truly,
1.00 0 50 :



200 West 25th Street Farmington, New Mexico 87401 (505) 327-9267 (505) 325-1873 (Car 2893)

OIL and GAS PROPERTY MANAGEMENT

Mr. R. L. Stamets State of New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87501

Re: Non-Standard Locations in the Horseshoe Gallup Pool Sections 4, 9, and 10, T31N, R17W San Juan County, New Mexico DEGEIVED
JUN 6 1983

OIL CON. DIV.)

Dear Mr. Stamets:

Solar Petroleum, Inc. proposes to drill eleven non-standard oil wells to the Gallup sand on the Navajo Tribe of Indians Reservation as shown on the enclosed plat and listed on the enclosed application.

These proposed non-standard locations will maximize oil production and are located within a waterflood licensed by the State of New Mexico.

( for El

Joe Elledge

Agent - Solar Petroleum, Inc.

JE:en

Attachments (2)

cc: Dave Cushman, Solar Petroleum, Inc. Jeff Edmister, Oil Conservation Division

## OIL CONSERVATION DIVISION

#### STATE OF NEW MEXICO RGY AND MINERALS DEPARTMENT

#### P. O. HOX 2048 SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-78

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

Operator			Lease Well No.				Well No.	
SOLAR PETROLEUM, INCORPORATED			NAVAJO TRIBE OF INDIANS "F"				165	
nit Letter Section Township			Range County					
H	9	31N		17W	San Juan			
Actual Footage Loc	ation of Well:							
2600	feet from the N	orth line and	1287	feet	from the East		line	
Ground Level Elev:	Producing For	mation	P∞1	·		Dedica	ated Acreage:	
5193	Gal	lup	Но	rseshoe (	Gallup		40 Acres	
1. Outline th	1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.							
<ol> <li>If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</li> <li>If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli-</li> </ol>								
dated 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.								
					1			
			1	1		CER	RTIFICATION	
	 		1	2600'	tained h	erein is	that the information con- true and complete to the rledge and belief.	
<u> </u>	 - <del> </del>			· · · ·	Nome Nome		Make	
	1		7		Position	Ac	gent	
	1		۔ ا ما		Company		TROLEUM, INC.	
	Sec		, L		Date	May	7 20, 1983	
			ب ۱ (	1287	77			
	 	9	 		shown o notes si under m	n this p Factual y superv and co.	y that the well location lat was plotted from field surveys made by me or distant, and that the same rrect to the best of my belief.	
	 		:         		and far	3, 19 Profes and Surve	sional Enginees	
	Scal	e: l"=10001	<del></del>		Gertificate	Mos		