

OIL AND GAS CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF SOLAR PETROLEUM, INC. FOR 5
NON-STANDARD LOCATIONS IN THE
HORSESHOE GALLUP POOL.

*NSL 1495
5 Wells
Bu 104 F
3-23-82*

APPLICATION

Applicant, Solar Petroleum, Inc., Suite 1300, One Denver Place, 999-18th St., Denver, Colorado-80202, hereby asks the Oil and Gas Conservation Division for Administrative approval to drill the below listed non-standard locations in the subject field.

Navajo "F" #154	1245' FNL,	80' FEL-Sec.	9-T31N-R17W
Navajo "F" #155	2630' FNL,	10' FEL-Sec.	9-T31N-R17W
Navajo "F" #156	1425' FSL,	2630' FEL-Sec.	10-T31N-R17W
Navajo "F" #157	1310' FNL,	1330' FEL-Sec.	4-T31N-R17W
Navajo "G" #227	1330' FSL,	1310' FWL-Sec.	11-T31N-R17W

1. This field was drilled on 40 acre spacing and water flooded with 80 acre five spot patterns. This program by passed economical recoverable oil.
2. The addition of these 5 wells will produce and recover undeveloped reserves.
3. A plat showing the ownership of offsetting leases has been attached.
4. A plat of the project showing the location of the injection wells, the producing wells, and the proposed new producing wells has been attached.
5. Applicant, this day served notice of this application to all offset operators by certified mail. These parties are set out on the attached list which is complete to the best of applicants knowledge.

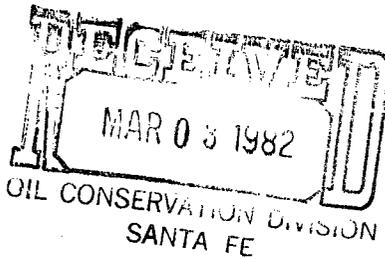
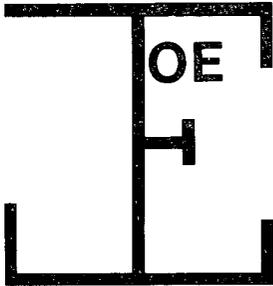
Solar Petroleum, Inc.

by

Joe Ellledge
Joe Ellledge
Agent

Executed this 1 day of March 1982.

*Rec'd
3-23-82*



200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 325-1873 (Car 851)

ELLEDGE

OIL and GAS PROPERTY MANAGEMENT

March 1, 1982

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

Dear Mr. Stamets;

Please find attached the information you requested in your letter of February 8, 1982, concerning the application for five non-standard locations in the Horseshoe Gallup Pool, San Juan County, New Mexico for Solar Petroleum, Inc.

Yours truly,

Joe Elledge
Agent/Solar Petroleum, Inc.

JE/le



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION

MAR 03 1982
 OIL CONSERVATION DIVISION

BRUCE KING
 GOVERNOR
 LARRY KEHOE
 SECRETARY

February 8, 1982

SANTA FE POST OFFICE BOX 2088
 STATE LAND OFFICE BUILDING
 SANTA FE, NEW MEXICO 87501
 (505) 827-2434

Joe Elledge
 200 West 25th Street
 Farmington, New Mexico 87401

Re: Application for Non-Standard
 Location: Solar Petroleum - five
locations in the Horseshoe Gallup
Pool, San Juan County

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

- A plat must be submitted clearly showing the ownership of the offsetting leases, if any.
- A statement must be submitted that offset owners have been notified of the application by certified mail, if any.
- A plat must be submitted fully identifying the topography necessitating the non-standard location.
- Other: A plat of the project showing the location of the injection and producing wells and the proposed unorthodox locations.

Very truly yours

R. L. STAMETS
 Technical Support Chief

RLS/dr

HORSESHOE GALLUP FIELD

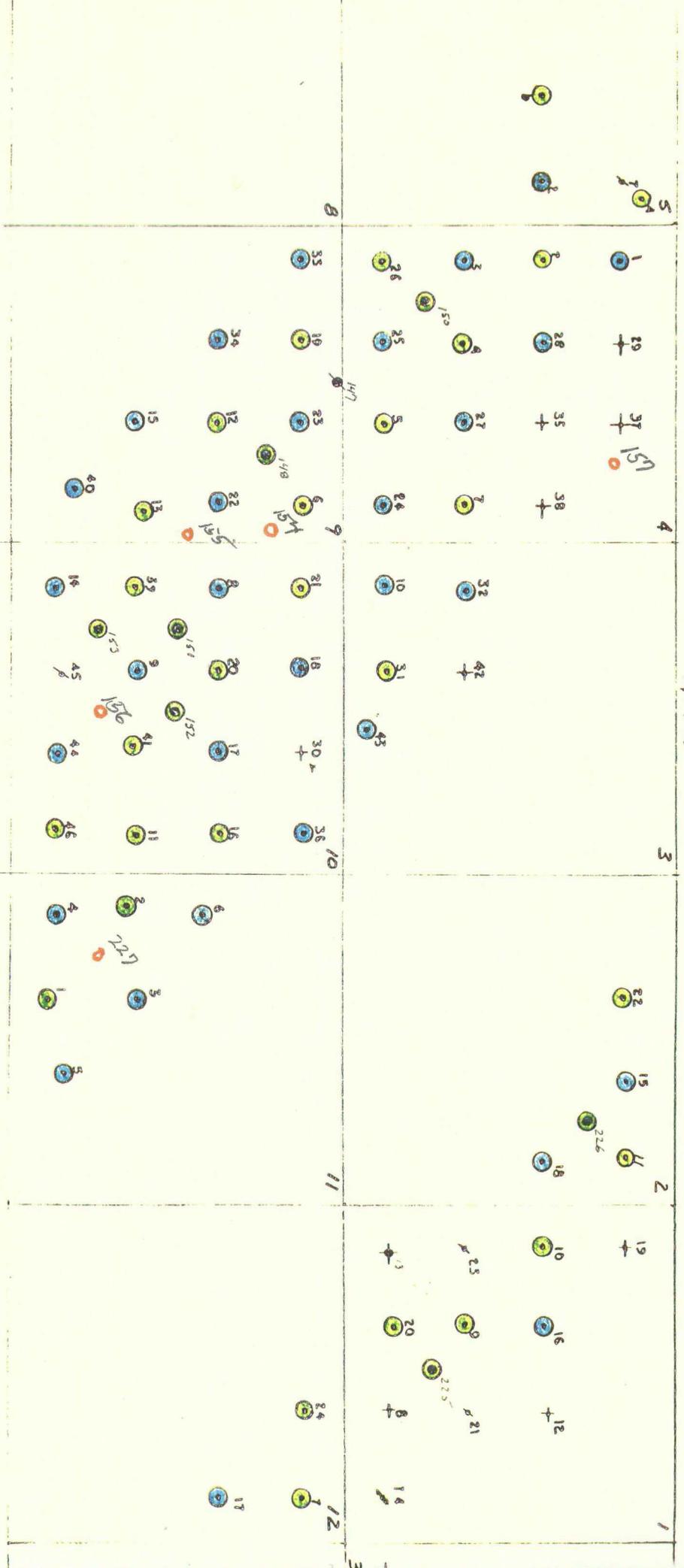
OFFSET OPERATORS

Atlantic Richfield Company
555 - 17th Street
P.O. Box 5300
Denver, CO 80202

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, WY 82602

WTR Oil Company
Drawer LL
Cortez, CO 81321

R17W



- ◆ P1/A
- ⊕ Inactive
- ⊙ Injector
- ⊙ Producer

Well status map
as of 2/22/82

F, G, & M LEASES

HORSESHOE GULLUP FIELD
AND

MANY ROCKS FIELD

G LEASE

North Street and to west corner of section 1, T17N, R17W

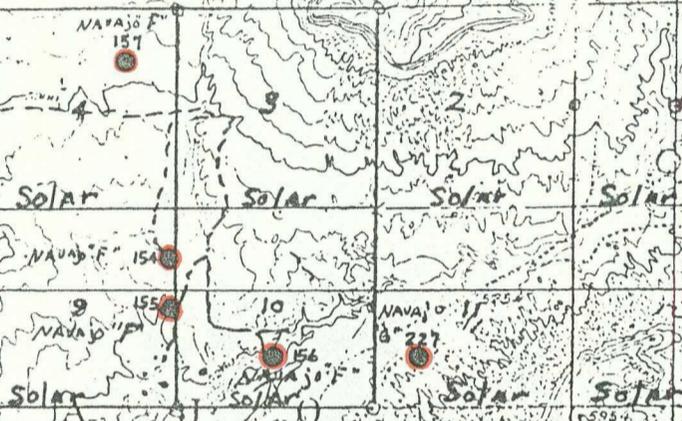
COLORADO
NEW MEXICO

MONTIZUMA CO
SAN JUAN CO

WTR Oil Company
Drawer LL
Cortez, CO 81321

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, WY 82602

Atlantic Richfield Company
555 - 17th Street
P.O. Box 5300
Denver, CO 80202



I N D I A N

E S E R V A T I O N

Solar Petroleum, Inc
Sections - 4, 9, 10, 11, T31N, R17W

Chimney Rock



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

February 8, 1982

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Joe Elledge
~~200 West 25th Street~~
Farmington, New Mexico 87401

Re: Application for Non-Standard
Location: Solar Petroleum - five
locations in the Horseshoe Gallup
Pool, San Juan County

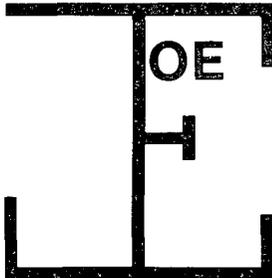
We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

- A plat must be submitted clearly showing the ownership of the offsetting leases, if any.
- A statement must be submitted that offset owners have been notified of the application by certified mail, if any.
- A plat must be submitted fully identifying the topography necessitating the non-standard location.
- Other: A plat of the project showing the location of the injection and producing wells and the proposed unorthodox locations.

Very truly yours

R. L. STAMETS
Technical Support Chief

RLS/dr



200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 325-1873 (Car 851)

ELLEDGE

OIL and GAS PROPERTY MANAGEMENT

February 1, 1982

Mr. Joe Ramey
New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Horseshoe Gallup Field
Non-standard Locations

Dear Sir:

Solar Petroleum, Inc. respectfully request administrative approval to drill the below listed non-standard locations in the subject field.

Navajo "F" #154	Horseshoe Gallup	Section 9, T31N, R17W
Navajo "F" #155	"	Section 9, T31N, R17W
Navajo "F" #156	"	Section 10, T31N, R17W
Navajo "F" #157	"	Section 4, T31N, R17W
Navajo "G" #227	"	Section 11, T31N, R17W

This field was drilled on 40 acre spacing and water flooded with 80 acre five spot patterns. We feel this program bypassed economical recoverable oil.

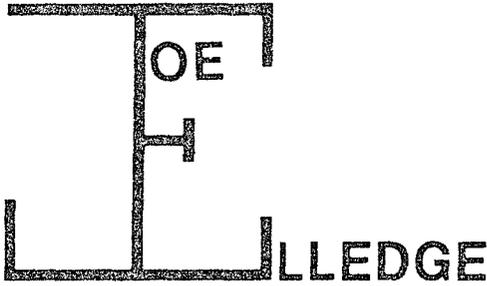
The addition of these wells as proposed will produce and recover undeveloped reserves.

Sincerely yours,

Joe F. Elledge
Agent-Solar Petroleum, Inc.

JFE/le

CC/ Sherwin Artus-Solar Petroleum
NMOCC-Frank Chavez
Minerals Management Service-Mr. Jim Simms



200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 325-1873 (Car 851)

OIL and GAS PROPERTY MANAGEMENT

February 1, 1982

Mr. Joe Ramey
New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Horseshoe Gallup Field
Non-standard Locations

Dear Sir:

Solar Petroleum, Inc. respectfully request administrative approval to drill the below listed non-standard locations in the subject field.

Navajo "F" #154	Horseshoe Gallup	Section 9, T31N, R17W
Navajo "F" #155	"	Section 9, T31N, R17W
Navajo "F" #156	"	Section 10, T31N, R17W
Navajo "F" #157	"	Section 4, T31N, R17W
Navajo "G" #227	"	Section 11, T31N, R17W

This field was drilled on 40 acre spacing and water flooded with 80 acre five spot patterns. We feel this program bypassed economical recoverable oil.

The addition of these wells as proposed will produce and recover undeveloped reserves.

Sincerely yours,

Joe F. Elledge
Agent-Solar Petroleum, Inc.

JFE/le

CC/ Sherwin Artus-Solar Petroleum
NMOCC-Frank Chavez
Minerals Management Service-Mr. Jim Simms

OIL AND GAS CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF SOLAR PETROLEUM, INC. FOR 2
NON-STANDARD LOCATIONS IN THE
HORSESHOE GALLUP POOL.

APPLICATION

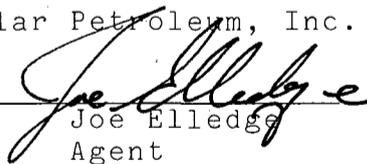
Applicant, Solar Petroleum, Inc., Suite 1300, One Denver, Place, 999-18th St., Denver, Colorado-80202, hereby asks the Oil and Gas Conservation Division for Administrative approval to drill the below listed non-standard locations in the subject field.

Navajo "F" #156 1805' FSL, 2630 FEL Sec. 10-T31N-R17W
Navajo "F" #157 1310' FNL, 1170 FWL Sec. 4-T31N-R17W

1. This field was drilled on 40 acre spacing and water flooded with 80 acre five spot patterns. This program by passed economical recoverable oil.
2. The addition of these 2 wells will produce and recover undeveloped reserves.
3. A plat showing the ownership of offsetting leases has been attached.
4. A plat of the project showing the location of the injection wells, the producing wells, and the proposed new producing wells has been attached.
5. Applicant, this day served notice of this application to all offset operators by certified mail. These parties are set out on the attached list. which is complete to the best of applicants knowledge.

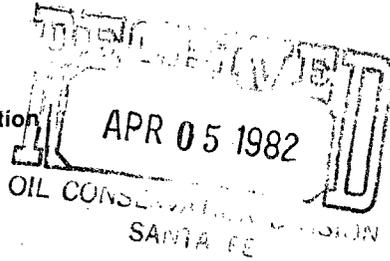
Solar Petroleum, Inc.

by


Joe Elledge
Agent

Executed this 24 day of March 1982.

ARCO Oil and Gas Company
Rocky Mountain District
Post Office Box 5540
Denver, Colorado 80217
Telephone 303 575 7031
W. A. Walther, Jr.
District Manager of Production



March 31, 1982

1495

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Application of Solar Petroleum Inc.
For Two Non-Standard Locations in
Horseshoe Gallup Pool

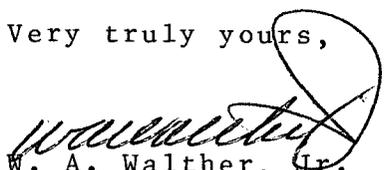
Dear Sirs:

We have been notified of the application to drill the below listed non-standard locations in the subject field.

Navajo "F" #156, 1805' FSL, 2630' FEL, Sec. 10-31N-17W
Navajo "F" #157, 1310' FNL, 1170' FWL, Sec. 4-31N-17W

ARCO Oil and Gas Company has no objections to these proposed locations.

Very truly yours,


W. A. Walther, Jr.
District Manager of Production

WAW:TMT:sh

cc: J. R. Solove



Southland Royalty Company

February 11, 1982

Mr. Joe D. Ramey
New Mexico Department of Energy and Minerals
Oil and Gas Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Ramey:

Southland Royalty Company hereby requests approval of an unorthodox well location for the Frontier "C" #1-E. This location is 1820' FSL & 1980' FWL of Section 16, T27N, R11W, San Juan County, New Mexico.

The unorthodox site is due to proximity to existing production facilities.

A copy of this application is being submitted to all offset operators by certified mail with a request that they furnish your Santa Fe Office with a waiver of objection.

Pursuant to authority of Rule 104-F, we respectfully request your approval of an exemption to the standard well location requirement.

Sincerely,

SOUTHLAND ROYALTY COMPANY

R. E. Fielder
R. E. Fielder
District Engineer

REF/eg

Enclosures

XC: Mr. Frank Chavez-OCC-Aztec, NM

W A I V E R

HUSKY OIL COMPANY hereby waives objection to Southland Royalty Company's application for unorthodox location for their Frontier "C" #1-E as proposed above.

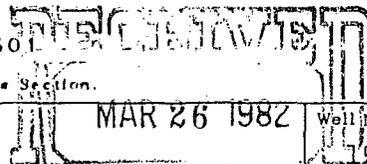
MARCH 1, 1982
Date

Avery N. P. Pate
By

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501



Form C-10? Revised 10-1-78

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

Operator SOLAR PETROLEUM, INCORPORATED		Lease NAVAJO "F"		MAR 26 1982		Well No. 157
Unit Letter D	Section 4	Township 31N	Range 17W	County Santa Fe		

Actual Footage Location of Well:

1310 feet from the **North** line and **1170** feet from the **West** line

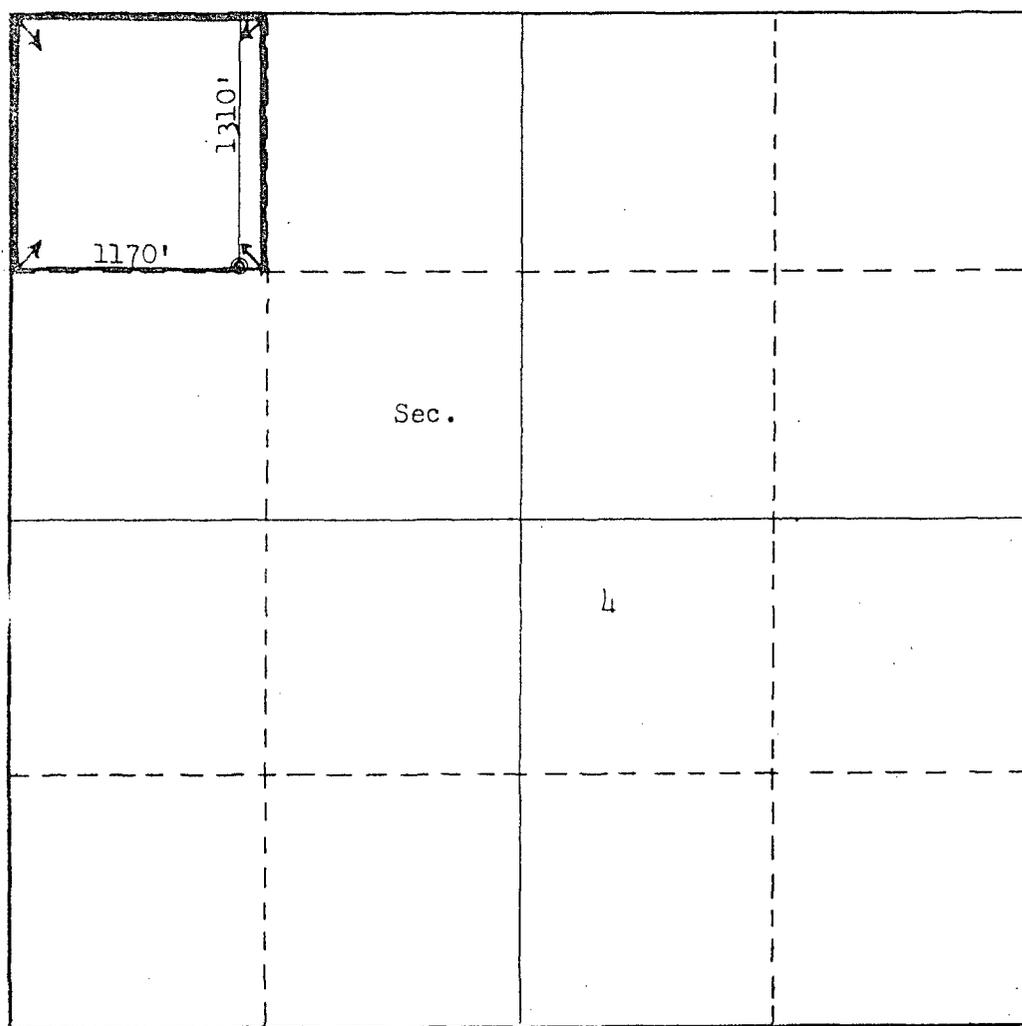
Ground Level Elev. 5310	Producing Formation Gallup	Pool Horseshoe	Dedicated Acreage: 40 Acres
-----------------------------------	--------------------------------------	--------------------------	---------------------------------------

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.



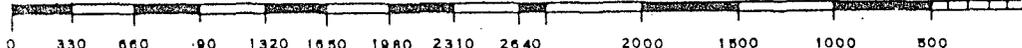
CERTIFICATION

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: **3-23-1982**

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: **March 23 1982**
 Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
 Certificate No. **3950**
F. B. KERR, JR.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Solar Petroleum, Inc.

3. ADDRESS OF OPERATOR Denver, Colorado 80202
Suite 1300, 999-18th St. One Denver Place

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1310' FNL and 1170' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Move location</u>			

5. LEASE
14-20-603-2034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo "F" SANTA FE

9. WELL NO.
157

10. FIELD OR WILDCAT NAME
Horseshoe Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4-31N-17W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5310 G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Sundry Notice is filed to move the Navajo "F" #157 from 1310' FNL and 1330' FEL to 1310' FNL and 1170' FWL of Section 4, T31N, R17W.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Joe Allred TITLE Agent DATE 3-23-1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED MAR 26 1982
Form C-102
Revised 10-1-78

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

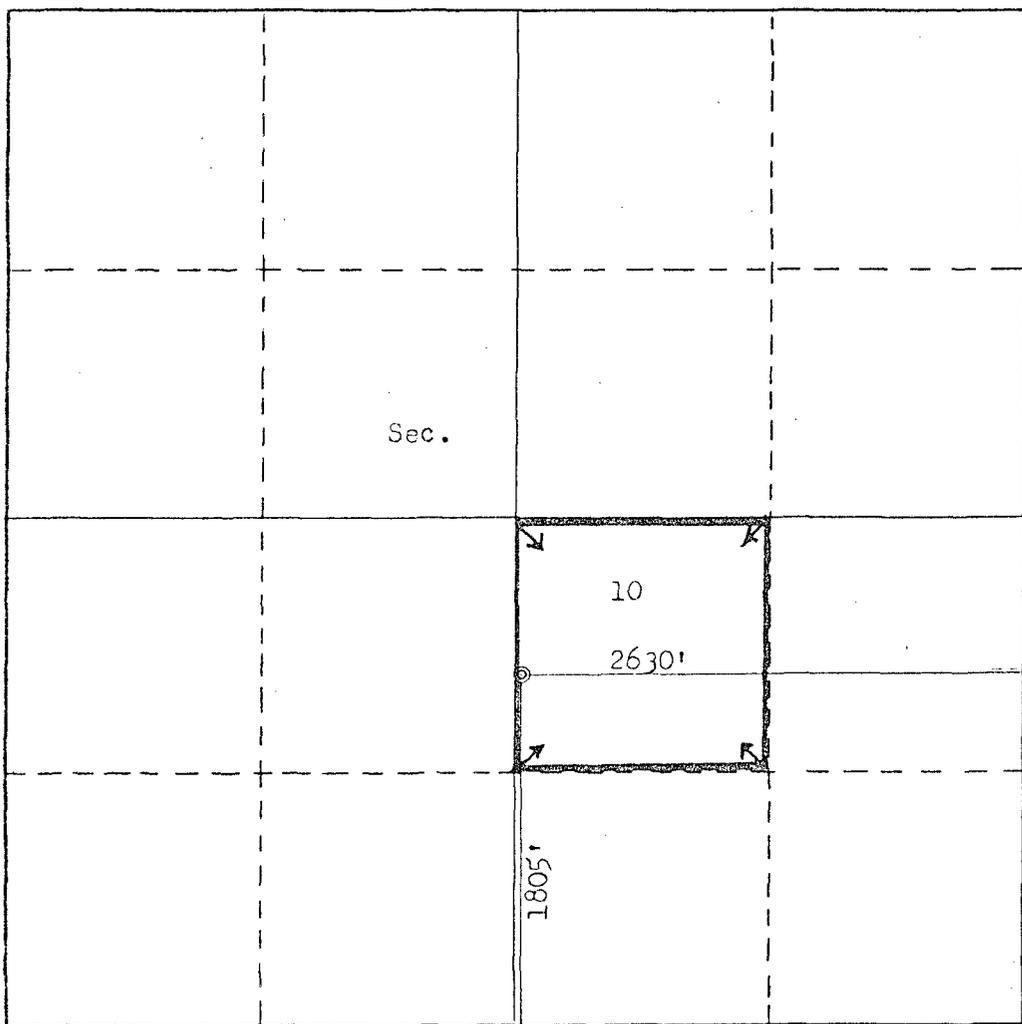
Operator SOLAR PETROLEUM, INCORPORATED			Lease NAVAJO "F"			Well No. 156		
Unit Letter J	Section 10	Township 31N	Range 17W	County San Juan				
Actual Footage Location of Well: 1805 feet from the South line and 2630 feet from the East line								
Ground Level Elev. 5222	Producing Formation Gallup		Pool Horseshoe			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.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Joe Ellinger
Position
Agent

Company
Solar Petroleum, Inc.

Date
3-23-1982

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

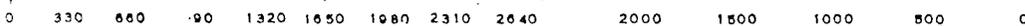
March 21 1982

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Solar Petroleum, Inc.

3. ADDRESS OF OPERATOR Denver, Colo. 80202
One Denver Place, Suite 1300 999-18th St

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1805' FSL and 2630' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Move location	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
14-20-603-2034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Oil

7. UNIT AGREEMENT NAME
SANTA FE DIVISION

8. FARM OR LEASE NAME
Navajo "F"

9. WELL NO.
156

10. FIELD OR WILDCAT NAME
Horseshoe Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
10-31N-17W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5222 G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Sundry Notice is filed to move the Navajo "F" #156 from 1425' FSL and 2630' FEL to 1805' FSL and 2630' FEL of Section 10-T31N-R17W.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Joe Dledge TITLE Agent DATE 3-23-1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OE
H
LLEDGE

RECEIVED
MAR 26 1982
200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 325-1873 (Car 851)

OIL and GAS PROPERTY MANAGEMENT

March 24, 1982

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, Wyoming 82602

Dear Sirs:

Please be advised that Solar Petroleum, Inc. has filed with the New Mexico Oil Conservation Commission in Santa Fe, New Mexico an application to drill two(2) non-standard locations in their Horseshoe Gallup Field as indicated by the attachment of that application.

Yours truly,



Joe Elledge
Solar Petroleum, Inc.-Agent

JE/le
cc/ Dave Cushman-Solar Petroleum

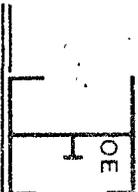
No. 462030

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		
Energy Reserves Group		
STREET AND NO.		
28 Foster Road P.O. Box 3280		
P.O., STATE AND ZIP CODE		
Casper, Wyoming 82602		
POSTAGE	\$ 20	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.75 €
	SPECIAL DELIVERY	€
	RESTRICTED DELIVERY	€
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€	
TOTAL POSTAGE AND FEES	\$.95	
POSTMARK OR DATE		

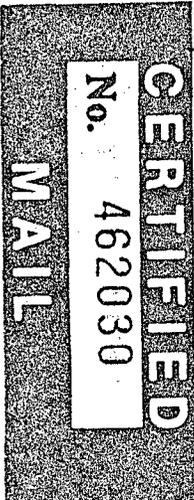
PS Form 3800, Apr. 1971



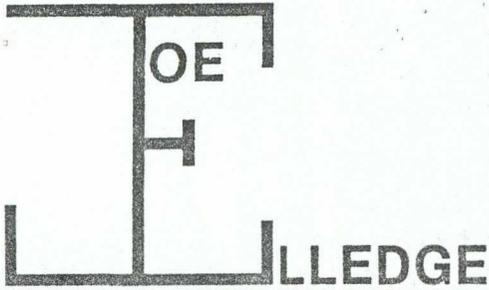
LLEDGE

OIL and GAS PROPERTY MANAGEMENT

200 WEST 25TH STREET
FARMINGTON, NEW MEXICO 87401



Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, Wyoming 82602



MAR 26 1982
200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 325-1873 (Car 851)

OIL and GAS PROPERTY MANAGEMENT

March 24, 1982

WTR Oil Company
Drawer LL
Cortez, Colorado 81321

Dear Sirs:

Please be advised that Solar Petroleum, Inc. has filed with the New Mexico Oil Conservation Commission in Santa Fe, New Mexico an application to drill two(2) non-standard locations in their Horseshoe Gallup Field as indicated by an attachment of that application.

Yours truly,

Joe Elledge
Agent-Solar Petroleum, Inc.

JE/le
cc/Dave Cushman-Solar Petroleum, Inc.

No. 462032

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

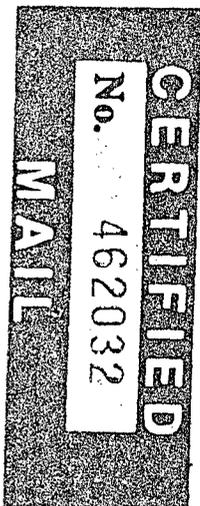
SENT TO		WTR Oil Company	
STREET AND NO.		Drawer LL	
P.O., STATE AND ZIP CODE		Cortez, Colorado 81321	
POSTAGE		\$ 20	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.75¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES		
	RETURN RECEIPT SERVICE		
	SHOW TO WHOM AND DATE DELIVERED	¢	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢		
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢		
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢		
TOTAL POSTAGE AND FEES		\$ 9.5	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

LEDGE

OIL and GAS PROPERTY MANAGEMENT

200 WEST 25TH STREET
FARMINGTON, NEW MEXICO 87401



WTR Oil Company
Drawer LL
Cortez, Colorado 81321

OE
H
LLEDGE

MAR 26 1982
200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 325-1873 (Car 851)

OIL and GAS PROPERTY MANAGEMENT

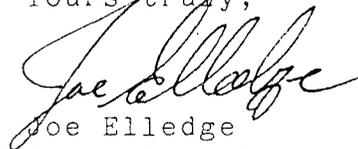
March 24, 1982

Atlantic Richfield Company
555-17th Street
P.O. Box 5300
Denver, Colorado 80202

Dear Sirs:

Please be advised that Solar Petroleum, Inc. has filed with the New Mexico Oil Conservation Commission in Santa Fe, New Mexico an application to drill two(2) non-standard locations in their Horseshoe Gallup Field as indicated by an attachment of that application.

Yours truly,



Joe Elledge
Solar Petroleum, Inc., Agent

JE/le
cc/ Dave Cushman-Solar Petroleum

NO. 462031

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse).

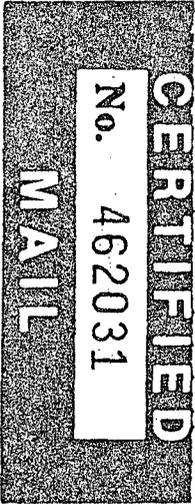
SENT TO		Atlantic Richfield Co.		
STREET AND NO.		555-17th St. P.O. Box 5300		
P.O., STATE AND ZIP CODE		Denver, Colorado 80202		
POSTAGE		\$ 20		
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.75 c		
	SPECIAL DELIVERY	c		
	RESTRICTED DELIVERY	c		
	OPTIONAL SERVICES	SHOW TO WHOM AND DATE DELIVERED	c	
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	c	
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	c	
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	c	
TOTAL POSTAGE AND FEES	\$.95			
POSTMARK OR DATE				

PS Form 3800, Apr. 1976

LEDGE

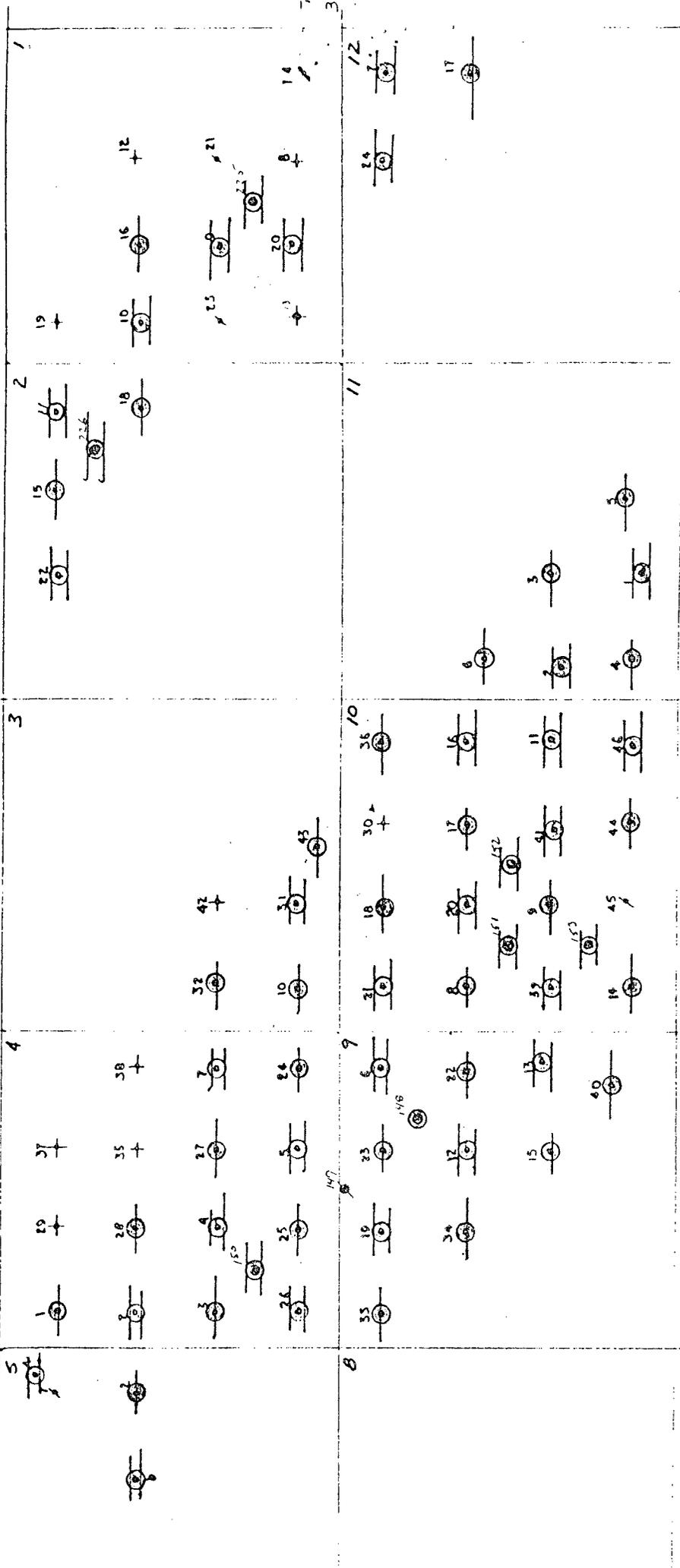
OIL and GAS PROPERTY MANAGEMENT

200 WEST 25TH STREET
FARMINGTON, NEW MEXICO 87401



Atlantic Richfield Company
555-17th Street
P.O. Box 5300
Denver, Colorado 80202

R17W



+ Pi A
 I Inactive
 I Injector
 P Producer

Well status map
as of 2/22/82

Solar Petroleum, Inc.
 "F.G." #M' LEASES
 HORSESHOE GALLUP FIELD
 AND
 MANY ROCKS FIELD

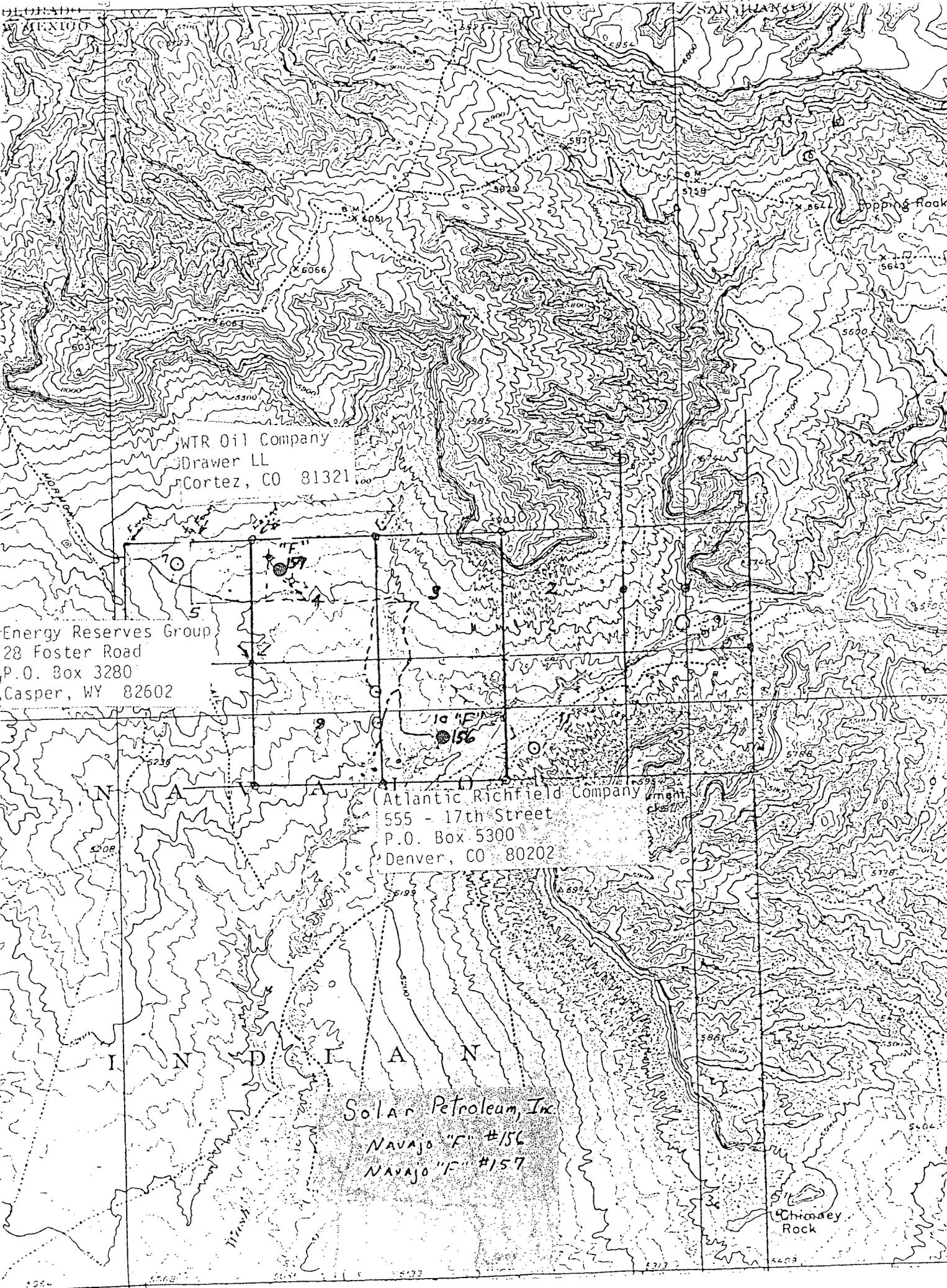
HORSESHOE GALLUP FIELD

OFFSET OPERATORS

Atlantic Richfield Company
555 - 17th Street
P.O. Box 5300
Denver, CO 80202

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, WY 82602

WTR Oil Company
Drawer LL
Cortez, CO 81321



WTR Oil Company
Drawer LL
Cortez, CO 81321

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, WY 82602

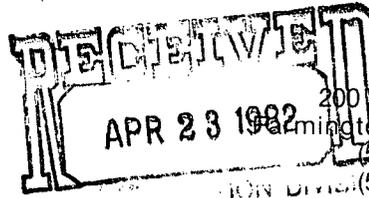
Atlantic Richfield Company
555 - 17th Street
P.O. Box 5300
Denver, CO 80202

Solar Petroleum, Inc.
NAVAJO "F" #156
NAVAJO "F" #157

Chimney
Rock

OIL CONSERVA
SANT

Staments



200 West 25th Street
Albuquerque, New Mexico 87401
(505) 327-9267
OIL DIVISION (505) 325-1873 (Car 2893)
SANTA FE

OIL and GAS PROPERTY MANAGEMENT

April 20, 1982

*Another Partial
Amendment of
NSL 1495*

Mr. R.L. Staments
State of New Mexico
Energy and Minerals Dept.
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Staments:

Please find attached an application for Solar Petroleum's Navajo "F" #156 located 1100' FSL and 2630' FEL of Section 10, T31N, R17W, of San Juan County, New Mexico.

A non-standard location for this well was applied for in their application dated March 24, 1982. However, this location has been abandoned since it did not fit the waterflood pattern.

I apologize for any inconvenience that this change has created for your office.

Yours truly,

Joe Elledge
Agent-Solar Petroleum, Inc.

JE/le
CC/ Dave Cushman-Solar Petroleum

OE
H
LLEDGE

RECEIVED
APR 23 1982

200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 925-1873 (Car 2893)
OIL CONSERVATION COMMISSION
SANTA FE

OIL and GAS PROPERTY MANAGEMENT

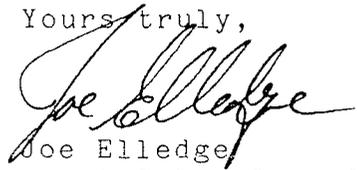
April 20, 1982

Atlantic Richfield Company
555-17th Street
P.O. Box 5300
Denver, Colorado 80202

Dear Sirs:

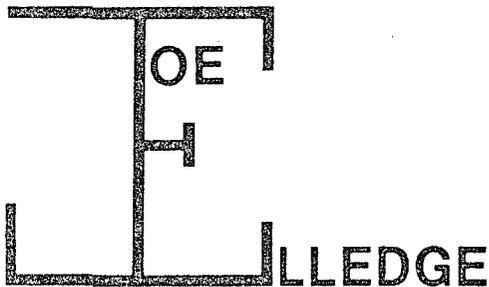
Please be advised that Solar Petroleum, Inc. has filed with the New Mexico Oil Conservation Commission in Santa Fe, New Mexico an ammended application to drill a non-standard location in their Horseshoe Gallup field as indicated by an attachment of that application.

Yours truly,



Joe Elledge
Agent-Solar Petroleum, Inc.

JE/le
CC/ Dave Cushman-Solar Petroleum



RECEIVED
APR 23 1982
200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
OIL CONSERVATION COMMISSION
SANTA FE (505) 325-1873 (Car 2893)

OIL and GAS PROPERTY MANAGEMENT

April 20, 1982

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, Wyoming 82602

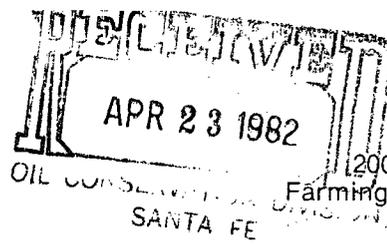
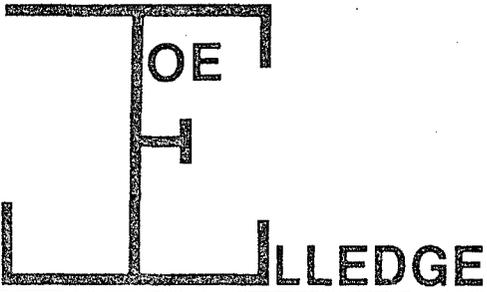
Dear Sirs:

Please be advised that Solar Petroleum, Inc. has filed with the New Mexico Oil Conservation Commission in Santa Fe, New Mexico an ammended application to drill a non-standard location in their Horseshoe Gallup field as indicated by an attachment of that application.

Yours truly,

Joe Elledge
Agent-Solar Petroleum, Inc.

JE/le
CC/ Dave Cushman-Solar Petroleum



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

OIL and GAS PROPERTY MANAGEMENT

April 20, 1982

WTR Oil Company
Drawer LL
Cortez, New Mexico 81321

Dear Sirs:

Please be advised that Solar Petroleum, Inc. has filed with the New Mexico Oil Conservation Commission in Santa Fe, New Mexico an ammended application to drill a non-standard location in their Horseshoe Gallup field as indicated by an attachment of that application.

Yours truly,

Joe Elledge
Agent-Solar Petroleum, Inc.

JE/le
CC/ Dave Cushman-Solar Petroleum

APR 23 1982
C-107
SERIES 10-1-78
Well No. 156

All distances must be from the outer boundaries of the Section

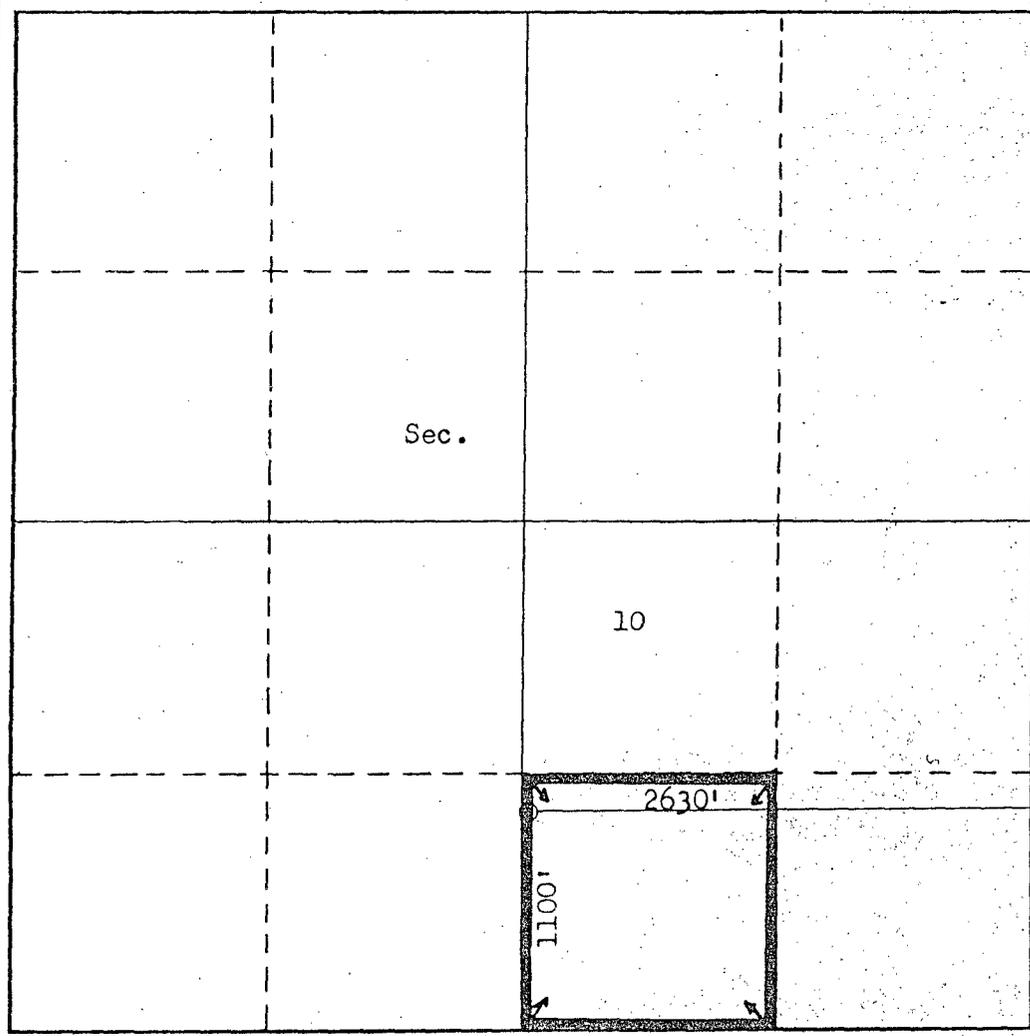
Operator SOLAR PETROLEUM, INCORPORATED		Lease NAVAJO "F"	
Unit Letter 0	Section 10	Township 31N	Range 17W
Actual Footage Location of Well: 1100 feet from the South line and 2630 feet from the East line		County SAN JUAN SANTA FE	
Ground Level Elev. 5207	Producing Formation Gallup	Pool Horseshoe	Dedicated 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.



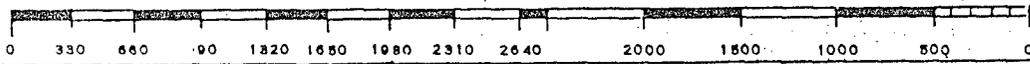
CERTIFICATION

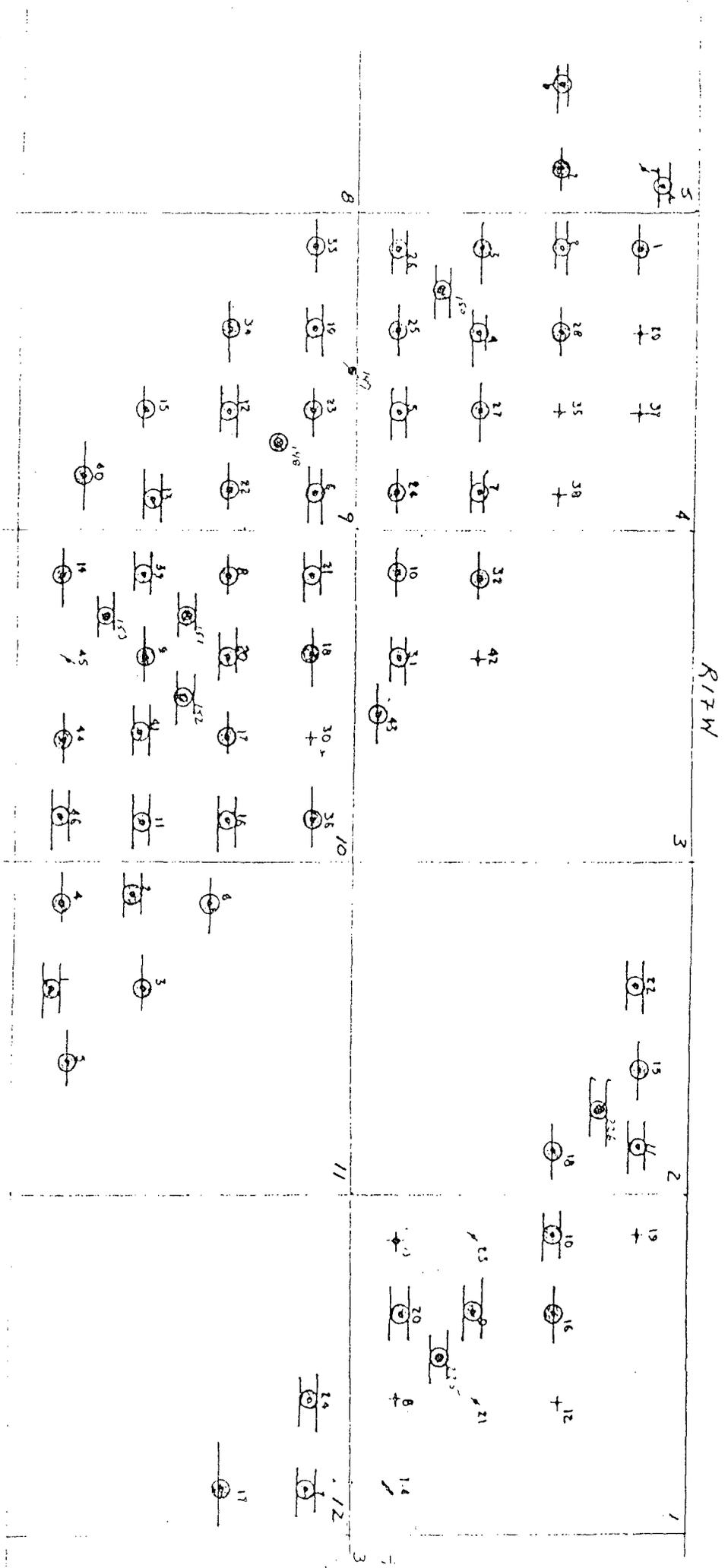
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: *[Signature]*
 Position: **Agent**
 Company: **Solar Petroleum, Inc.**
 Date: **April 20, 1982**

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: **April 11, 1982**
 Registered Professional Engineer and/or Land Surveyor: *[Signature]*
Fred B. Kerr Jr.
 Certificate No.: **3950**
 STATE OF NEW MEXICO
 FRED B. KERR, JR.





+ In A
 ○ Inactive
 ⊖ Injector
 ⊕ Producer

Well status map
as of 2/22/82

Solar Petroleum, Inc.
"RIZM" LEASES

HORSESHOE GALLUP FIELD
AND
MANY OTHERS FIELD

HORSESHOE GALLUP FIELD

OFFSET OPERATORS

Atlantic Richfield Company
555 - 17th Street
P.O. Box 5300
Denver, CO 80202

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, WY 82602

WTR Oil Company
Drawer LL
Cortez, CO 81321

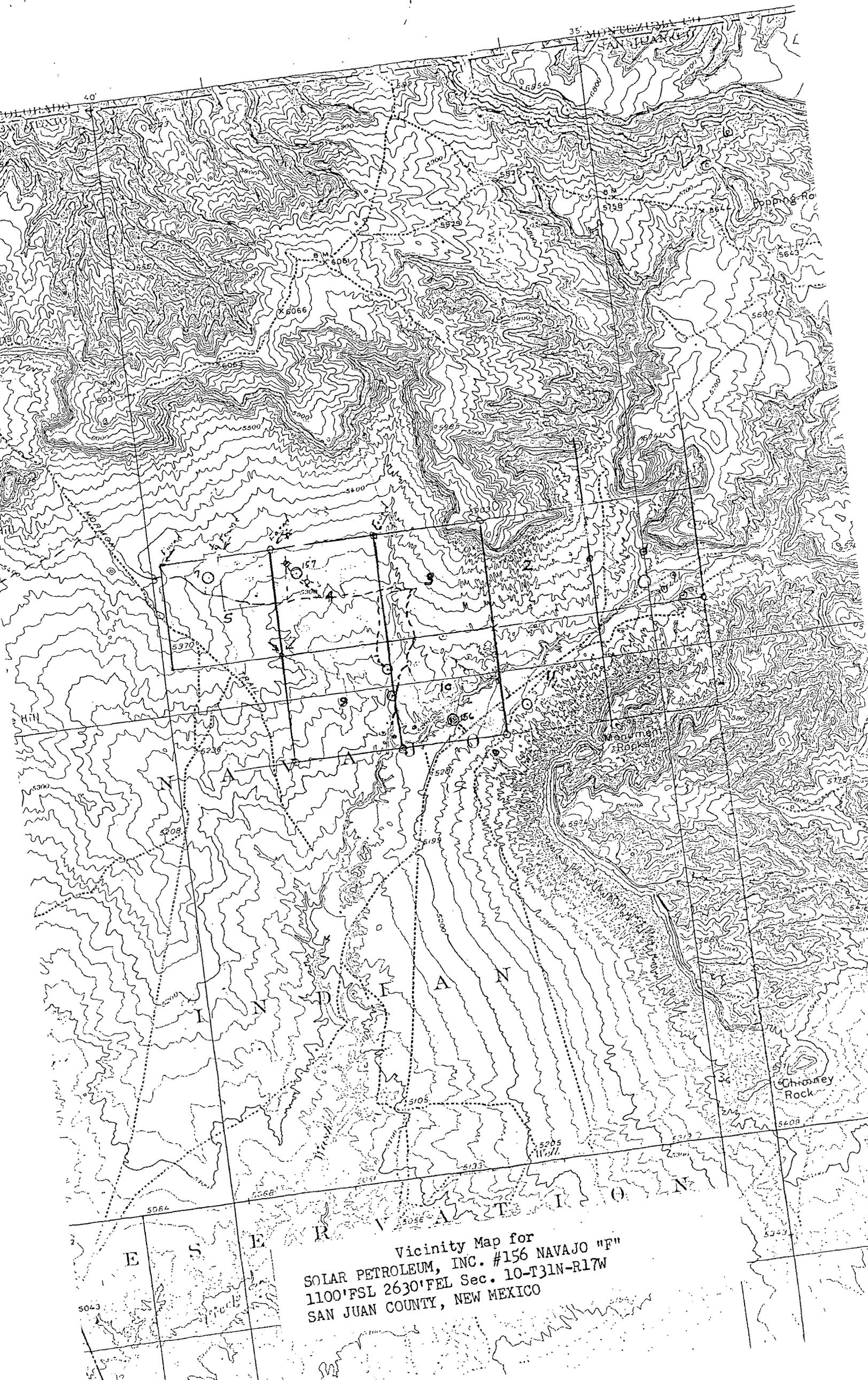
WTR Oil Company
Drawer LL
Cortez, CO 81321

Energy Reserves Group
28 Foster Road
P.O. Box 3280
Casper, WY 82602

Atlantic Richfield Company
555 - 17th Street
P.O. Box 5300
Denver, CO 80202

Solar Petroleum, Inc.
NAVAJO "F" #156
1100' FS4, 2630' FEL
Sec. 10 T31N R17W

Richoney
Rock



Vicinity Map for
SOLAR PETROLEUM, INC. #156 NAVAJO "F"
1100'FSL 2630'FEL Sec. 10-T31N-R17W
SAN JUAN COUNTY, NEW MEXICO

OIL AND GAS CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF SOLAR PETROLEUM, INC. FOR ONE
NON-STANDARD LOCATION IN THE
HORSESHOE GALLUP POOL.

APPLICATION

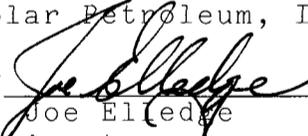
Applicant, Solar Petroleum, Inc., Suite 1300, One Denver Place, 999-18th St., Denver, Colorado-80202, hereby asks the Oil and Gas Conservation Division for Administrative approval to drill the below listed nonstandard location in the subject field.

Navajo "F" #156 1100' FSL, 2630 FEL Sec. 10-T31N-R17W
(Amended Location)

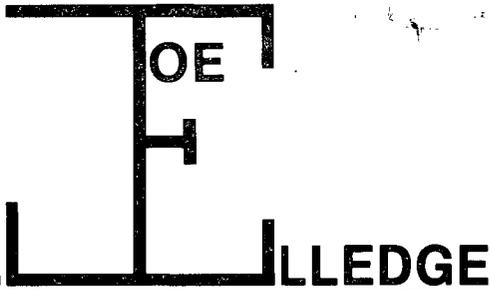
1. This field was drilled on 40 acre spacing and water flooded with 80 acre five spot patterns. This program by passed economical recoverable oil.
2. The addition of this well will produce and recover undeveloped reserves.
3. A plat showing the ownership of offsetting leases has been attached.
4. A plat of the project showing the location of the injection wells, the producing wells, and the proposed new producing well has been attached.
5. Applicant, this day served notice of this application to all offset operators by certified mail. These parties are set out on the attached list which is complete to the best of applicants knowledge.

Solar Petroleum, Inc.

by


Joe Elledge
Agent

Executed this 20 day of April 1982.

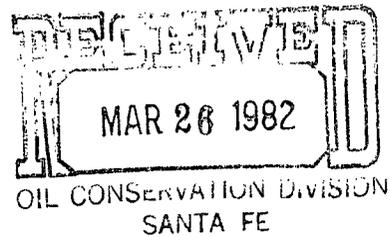


200 West 25th Street
Farmington, New Mexico 87401
(505) 327-9267
(505) 325-1873 (Car 851)

OIL and GAS PROPERTY MANAGEMENT

March 24, 1982

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

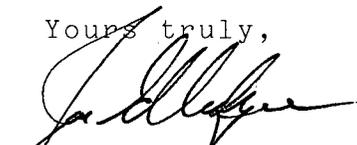


Dear Mr. Stamets:

Please find attached an application of non-standard locations for Solar Petroleum, Inc. for the Navajo "F" #156 and the Navajo "F" # 157.

These two wells were included in their application dated March 1, 1982. However, it was necessary to change the locations to the footages so stated in the applications dated March 24, 1982.

Yours truly,


Joe Elledge

*NSL - 1509
Partial Amendment of NSL 14915
Next page for wells and
locations
Rule 104 F
4-15-82*



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

March 23, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Solar Petroleum, Inc.
Suite 1300
One Denver Place
999 18th Street
Denver, Colorado 80202

Attention: Joe Elledge

Administrative Order NSL-1495

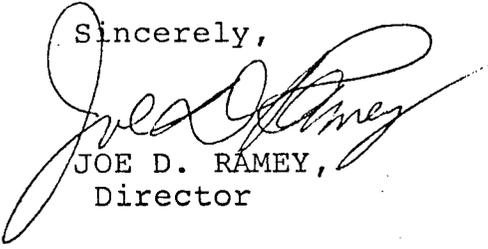
Gentlemen:

Reference is made to your application for five non-standard locations, all in Township 31 North, Range 17 West, NMPM, Horseshoe-Gallup Pool, San Juan County, New Mexico, as follows:

Navajo "F" Well No. 154, 1245' FNL & 80' FEL, Sec. 9 ✓
Navajo "F" Well No. 155, 2630' FNL & 10' FEL, Sec. 9 ✓
Navajo "F" Well No. 156, 1425' FSL & 2630' FEL, Sec. 10
Navajo "F" Well No. 157, 1310' FNL & 1330' FEL, Sec. 4 ✓
Navajo "G" Well No. 227, 1330' FSL & 1310' FWL, Sec. 11 ✓

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,


JOE D. RAMEY,
Director

JDR/RLS/dr

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



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
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE Feb 24 1982

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____ ✓
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

RECEIVED
MAR 01 1982
OIL CONSERVATION DIVISION
SANTA FE

Gentlemen:

I have examined the application dated Feb 22 1982
for the Ladd Petroleum Corp. Butte #1 M-18-30N-13W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Order R-2046 authorizes tract C $\frac{5}{4}$ 18 $\frac{1}{2}$ 19 316.83 acres

Yours truly,

Jeff A. Edmister