

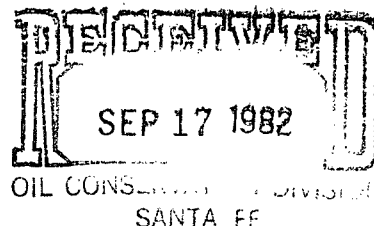
CORDOVA RESOURCES, INC.

822 CAMPBELL CENTRE I • 8350 NO. CENTRAL EXPWY.
DALLAS, TEXAS 75206
(214) 361-9011

NSL 1500
3 Wells
See the C-101s for
No & location
Rule 104 F
10-17-82
Langlie Mattix
Pool

September 14, 1982

Mr. Joe D. Ramey
State of New Mexico
Energy & Minerals Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87501



Re: Drilling Permits
Knight Wells #15, #16, #17
Langlie-Mattix Queens -
7 Rivers
Lea County, New Mexico

Dear Joe:

Cordova Resources, Inc. respectfully requests permission to drill our Knight Lease Wells #15, #16, #17, as shown on the attached Forms C-101.

The subject wells are located in an active waterflood and will allow recovery of additional oil reserves that cannot be recovered by existing oil producing wells. Upon completion of the drilling and completion on the three subject wells the Knight Lease Wells #1, #2, #3, and #4 will be converted from producing wells to water injection wells. Approval of this program will prevent waste of natural resources.

Your prompt consideration of this matter will be greatly appreciated. We have notified all offset operators shown on the attached list of this application by certified mail. If you have any questions concerning this matter please contact me at (214) 361-9011.

Very truly yours,

R.E. Madison

R. E. Madison
Production Superintendent

REM/edd

enclosures

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ REC ☒

5. State Oil & Gas Lease No.

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 ☐

7. Unit Agreement Name

8. Farm or Lease Name

Knight

9. Well No.

15

10. Field and Pool, or Wildcat

Langlie-Mattix Queens-7-River

2. Name of Operator
Cordova Resources, Inc.

3. Address of Operator
8350 N. Central Expwy. Suite 822 Dallas, Texas 75206

4. Location of Well
UNIT LETTER I LOCATED 1973 FEET FROM THE South LINE
AND 10 FEET FROM THE East LINE OF SEC. 21 TWP. 24-S RGE. 37-E NE1/4

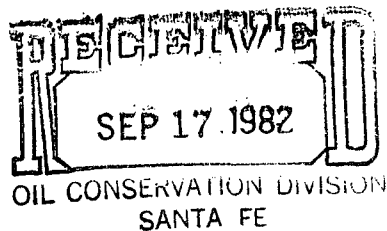
12. County

Lea

1. Elevations (Show whether DF, RT, etc.) 3221 GR	21A. Kind & Status Plug. Bond Current with National Union Fire Ins. Co.	19. Proposed Depth 3700	19A. Formation Queens-7 Rivers	20. Rotary or C.T. Rotary
		21B. Drilling Contractor Vision	22. Approx. Date Work will start 9/82	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	28#	800	500	Surface
7 7/8"	5 1/2"	17#	3700	200	2000'



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed R. E. Madison (R.E. Madison Title Prod. Supt. Date 9/2/82)

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

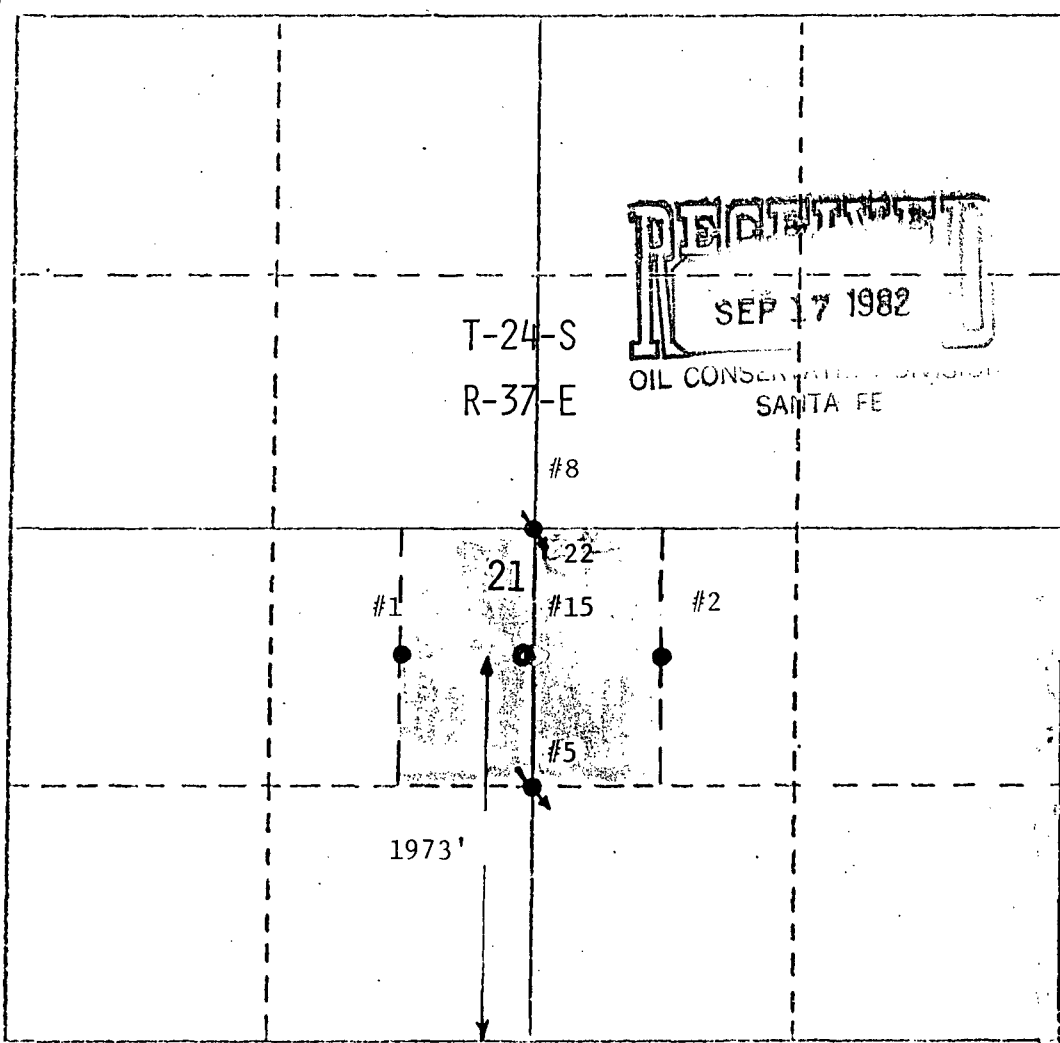
Operator CORDOVA RESOURCES, INC.		Lease KNIGHT		Well No. 15
Unit Letter I	Section 21	Township 24-S	Range 37-E	County LEA
Actual Footage Location of Well: 1973 feet from the SOUTH line and 10 feet from the EAST line				
Ground Level Elev. 3221	Producing Formation Queens - 7 Rivers	Pool Langlie - Mattix	Dedicated Acreage: 20 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 Division.



CERTIFICATION

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

R. E. Madison

Name

R. E. Madison

Position

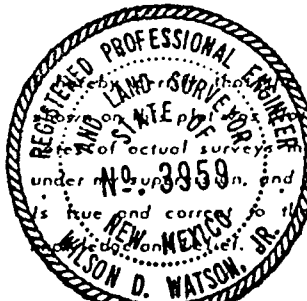
Production Supt.

Company

Cordova Resources, Inc.

Date

9/2/82



I hereby certify that the well location shown on this plat is based on 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.

August 31, 1982

Date Surveyed

Wilson D. Watson, Jr.
Registered Professional Engineer
and/or Land Surveyor

Certificate No.

3959

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE ☐	FEE ☒

5. State Oil & Gas Lease No.

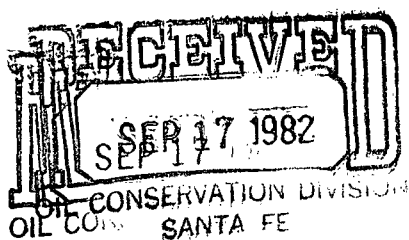
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐				7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐				8. Form or Lease Name Knight	
2. Name of Operator Cordova Resources, Inc.				9. Well No. 16	
3. Address of Operator 8350 N. Central Expwy. Suite 822 Dallas, Texas 75206				10. Field and Pool, or Wildcat Langlie-Mattix Queens - 7 Rivers	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>658</u> FEET FROM THE <u>South</u> LINE AND <u>10</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>21</u> TWP <u>24-S</u> RGE. <u>37-E</u> NMPM				12. County Lea	
19. Proposed Depth 3700		19A. Formation Queens- 7 Rivers		20. Rotary or C.T. Rotary	
21. Elevations (Show whether Dr, RT, etc.) 3216 GR		21A. Kind & Status Plug. Bond Current with National Union Fire Ins. Co.		22. Approx. Date Work will start 9/82	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed R.E. Madison (R.E. Madison) Title Prod. Supt. Date 9/2/82

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

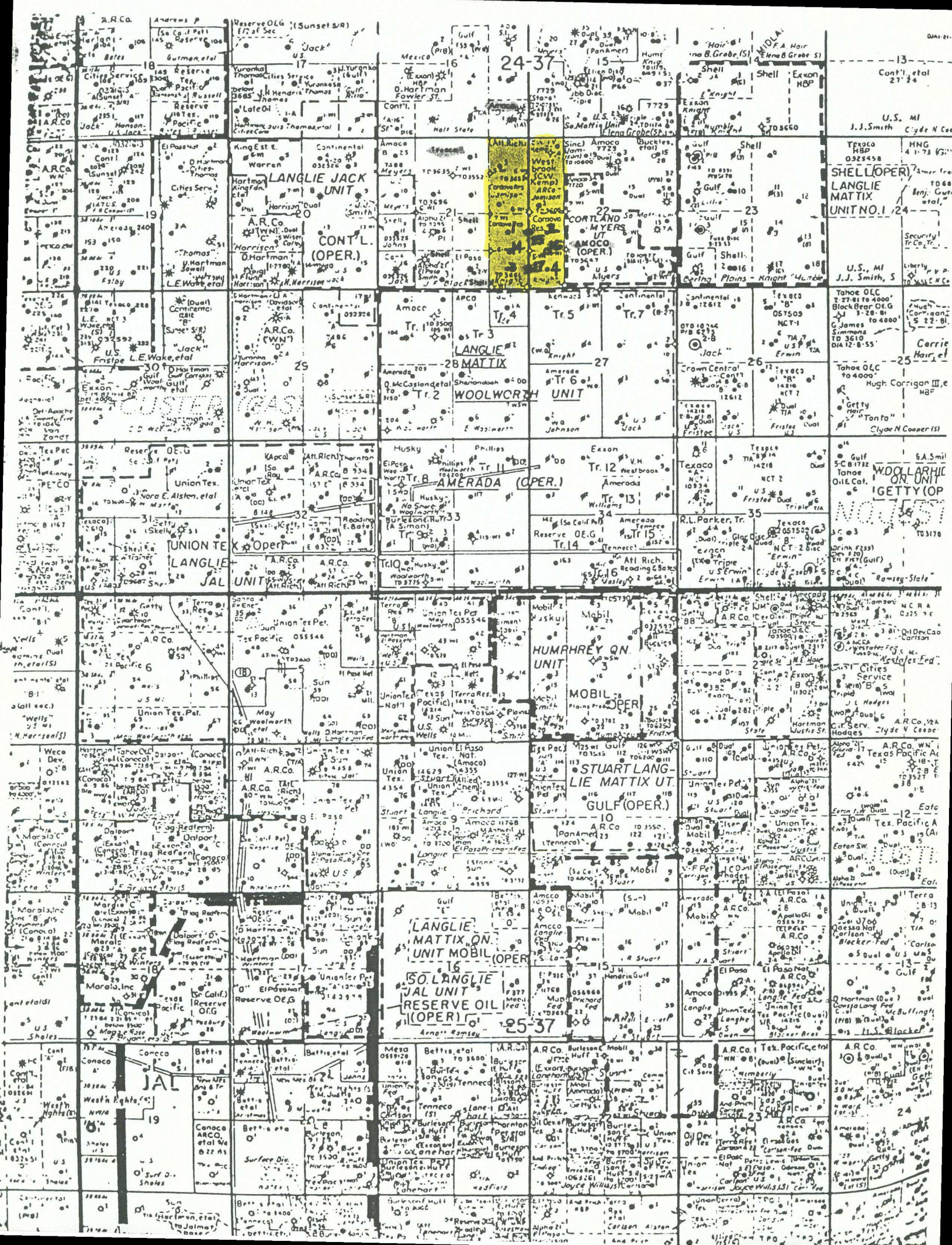
OFFSET OPERATOR LIST

Amoco
Box 68
Hobbs, New Mexico 88240

Shell
Box 1509
Midland, Texas 79701

Amerada
Box 2040
Tulsa, Oklahoma 74102

Texaco
Box 728
Hobbs, New Mexico 88240



AMOCO

22 "A"

Jamison

Knights

LMW Unit

LANGLIE-MATTIX FIELD
LEA COUNTY, NEW MEXICO

- PRODUCTION WELL
- PROPOSED PRODUCTION WELL
- ⦿ INJECTION WELL
- ⦿ PROPOSED INJECTION WELL
- ☼ GAS WELL
- ⦿ ABANDONED WELL
- ⦿ DRY HOLE

PROJECT TOTALS

INJECTION PROHIBITION



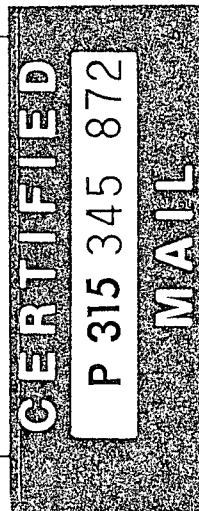
P 315 345 872

RECEIPT FOR CERTIFIED MAIL

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

SENT TO		AmOCO	
STREET AND NO.		Hobbs, NM 88240	
P.O., STATE AND ZIP CODE		P. O. Box 68	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED		SHOW TO WHOM AND DATE DELIVERED	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		9/14/82	

PS Form 3800, Apr. 1976



SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.	
(CONSULT POSTMASTER FOR FEES) 1. The following service is requested (check one): ☒ Show to whom and date delivered ☐ Show to whom, date, and address of delivery .. 2. ☐ RESTRICTED DELIVERY <i>(The restricted delivery fee is charged in addition to the return receipt fee.)</i>	
3. ARTICLE ADDRESSED TO: AmOCO Box 68 Hobbs, NM 88240	
4. TYPE OF SERVICE: ARTICLE NUMBER ☐ REGISTERED ☐ INSURED 872 ☒ CERTIFIED ☐ COD ☐ EXPRESS MAIL	
(Always obtain signature of addressee or agent) I have received the article described above. SIGNATURE ☐ Addressee ☐ Authorized agent	
5. DATE OF DELIVERY POSTMARK	
6. ADDRESSEE'S ADDRESS (Only if requested)	
7. UNABLE TO DELIVER BECAUSE: 7a. EMPLOYEE'S INITIALS	

P 315 345 871

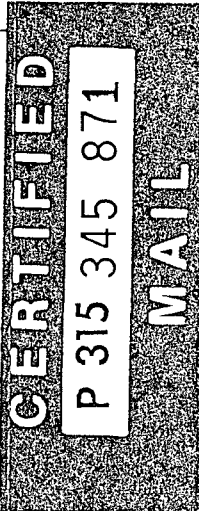
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO		Shell	
STREET AND NO.		Box 1509	
P.O., STATE AND ZIP CODE		Midland, Texas 79701	
POSTAGE		\$	
CERTIFIED FEE		\$	
SPECIAL DELIVERY		\$	
RESTRICTED DELIVERY		\$	
DATE DELIVERED		SHOW TO WHOM AND DATE	
SHOW TO WHOM AND ADDRESS OF DELIVERY		SHOW TO WHOM AND ADDRESS OF DELIVERY	
RETURN RECEIPT SERVICE		DATE DELIVERED	
DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND ADDRESS OF DELIVERY	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		28/14/6	

PS Form 3800, Apr. 1976



1. The following service is requested (check one). ☒ Show to whom and date delivered ☐ Show to whom, date, and address of delivery.. ☐ RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.)		2. TOTAL \$	
3. ARTICLE ADDRESSED TO: Shell Box 1509 Midland, Texas 79701			
4. TYPE OF SERVICE: ☐ REGISTERED ☒ CERTIFIED ☐ COD ☐ EXPRESS MAIL		ARTICLE NUMBER 871	
(Always obtain signature of addressee or agent)			
I have received the article described above. SIGNATURE ☐ Addressee ☐ Authorized agent			
5. DATE OF DELIVERY		POSTMARK	
6. ADDRESSEE'S ADDRESS (Only if requested)			
7. UNABLE TO DELIVER BECAUSE:		7A. EMPLOYEE'S INITIALS	

PS Form 3811, Dec. 1980

RETURN RECEIPT, INSURED AND CERTIFIED MAIL

SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.	
CONSULT POSTMASTER FOR FEES 1. The following service is requested (check one). ☒ Show to whom and date delivered ☐ Show to whom, date, and address of delivery .. ☐ RESTRICTED DELIVERY <i>(The restricted delivery fee is charged in addition to the return receipt fee.)</i>	
TOTAL \$	
3. ARTICLE ADDRESSED TO: Amerada Box 2040 Tulsa, OK 74102	
4. TYPE OF SERVICE: ☐ REGISTERED ☐ INSURED ☒ CERTIFIED ☐ COD ☐ EXPRESS MAIL	ARTICLE NUMBER 870
(Always obtain signature of addressee or agent) I have received the article described above.	
SIGNATURE ☐ Addressee ☐ Authorized agent	
5. DATE OF DELIVERY	POSTMARK
6. ADDRESSEE'S ADDRESS (Only if requested)	
7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS

P 315 345 870

RECEIPT FOR CERTIFIED MAIL

 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO	
Amerada	
STREET AND NO.	
Box 2040	
P.O. STATE AND ZIP CODE	
Tulsa, OK 74102	
POSTAGE \$	
CERTIFIED FEE	
SPECIAL DELIVERY	
RESTRICTED DELIVERY	
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 \$	
POSTMARK OR DATE	
9/14/82	

PS Form 3800, Apr. 1976

CERTIFIED

P 315 345 870

MAIL

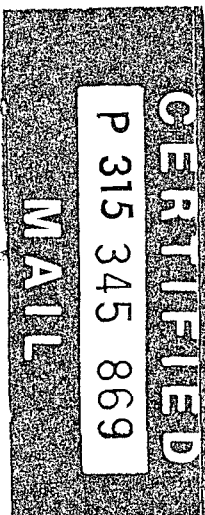
P 315 345 869

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Apr. 1976



SENT TO		TEXACO
STREET AND NO.		Box 728
P.O., STATE AND ZIP CODE		Hobbs, NM 88240
POSTAGE		\$
CERTIFIED FEE		\$
SPECIAL DELIVERY		\$
RESTRICTED DELIVERY		\$
SHOW TO WHOM AND DATE DELIVERED		\$
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		\$
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		\$
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE		9/14/82

7a. EMPLOYEE'S INITIALS		7. UNABLE TO DELIVER BECAUSE:	
POSTMARK		9. ADDRESSEE'S ADDRESS (Only if requested)	
DATE OF DELIVERY		5. SIGNATURE	
I have received the article described above.		6. AUTHORIZED AGENT	
(Always obtain signature of addressee or agent)		☐ Addressee ☐ Authorized agent	
ARTICLE NUMBER		TYPE OF SERVICE:	
REGISTERED ☐ INSURED ☐ COD ☐ CERTIFIED ☐ EXPRESS MAIL ☐		4. TYPE OF SERVICE: REGISTERED ☐ INSURED ☐ COD ☐ CERTIFIED ☐ EXPRESS MAIL ☐	
ARTICLE ADDRESSED TO:		3. ARTICLE ADDRESSED TO:	
Texaco Box 728 Hobbs, NM 88240		\$ TOTAL	
2. RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.)			
1. The following service is requested (check one): ☒ Show to whom and date delivered ☐ Show to whom, date, and address of delivery .. ☐ RESTRICTED DELIVERY			
1. SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.			

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

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

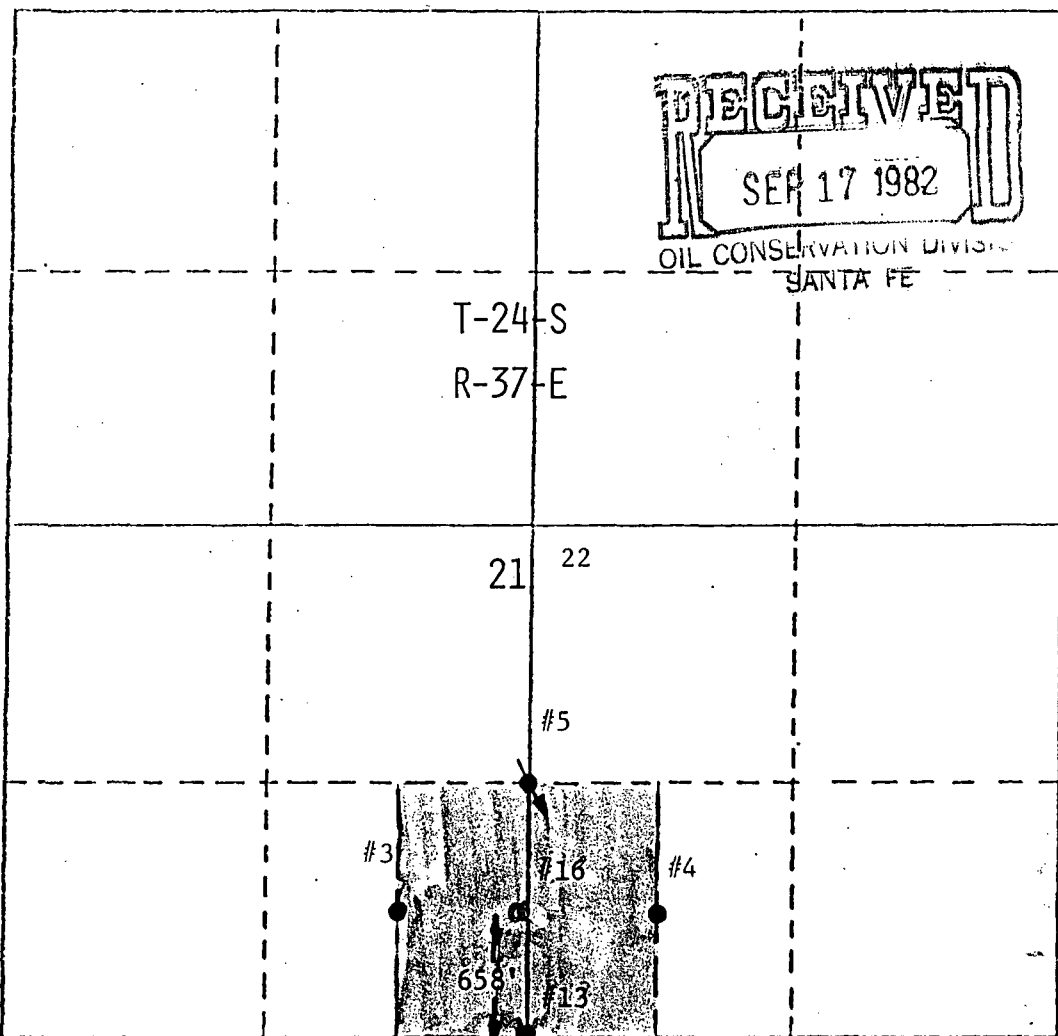
Operator CORDOVA RESOURCES, INC.			Lease KNIGHT		Well No. 16
Unit Letter P	Section 21	Township 24-S	Range 37-E	County LEA	
Actual Footage Location of Well: 658 feet from the SOUTH line and 10 feet from the EAST line					
Ground Level Elev. 3216'	Producing Formation Queens - 7 Rivers		Pool Langlie - Mattix		Dedicated Acreage: 20 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



CERTIFICATION

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

R. E. Madison

Name

R. E. Madison

Position

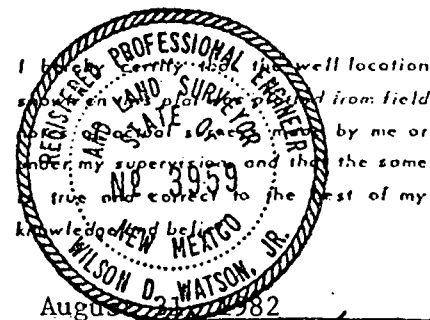
Production Supt.

Company

Cordova Resources, Inc.

Date

9/2/82



Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

3959

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ PEE ☒

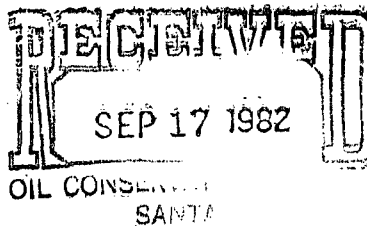
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		7. Unit Agreement Name	
2. Name of Operator Cordova Resources, Inc.		8. Farm or Lease Name Knight	
3. Address of Operator 8350 N. Central Expwy. Suite 822 Dallas, Texas 75206		9. Well No. 17	
4. Location of Well UNIT LETTER M LOCATED 1315 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 22 TWP. 24-S RCE. 37-E NMPM		10. Field and Pool, or Wildcat Langlie-Mattix Queens - 7 River	
11. Elevations (Show whether DF, KT, etc.) 3221 GR		19. Proposed Depth 3700'	19A. Formation 7 RIVERS Queens-Grayburg
21A. Kind & Status Plug. Bond Current with National Fire Ins. Co.	21B. Drilling Contractor Vision Drlg.	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 9/82			

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Signed R.E. Madison (R.E. Madison) Title Prod, Supt. Date 9/2/82

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

Operator CORDOVA RESOURCES, INC.			Lease KNIGHT		Well No. 17
Unit Letter M	Section 22	Township 24-S	Range 37-E	County LEA	

Actual Footage Location of Well:

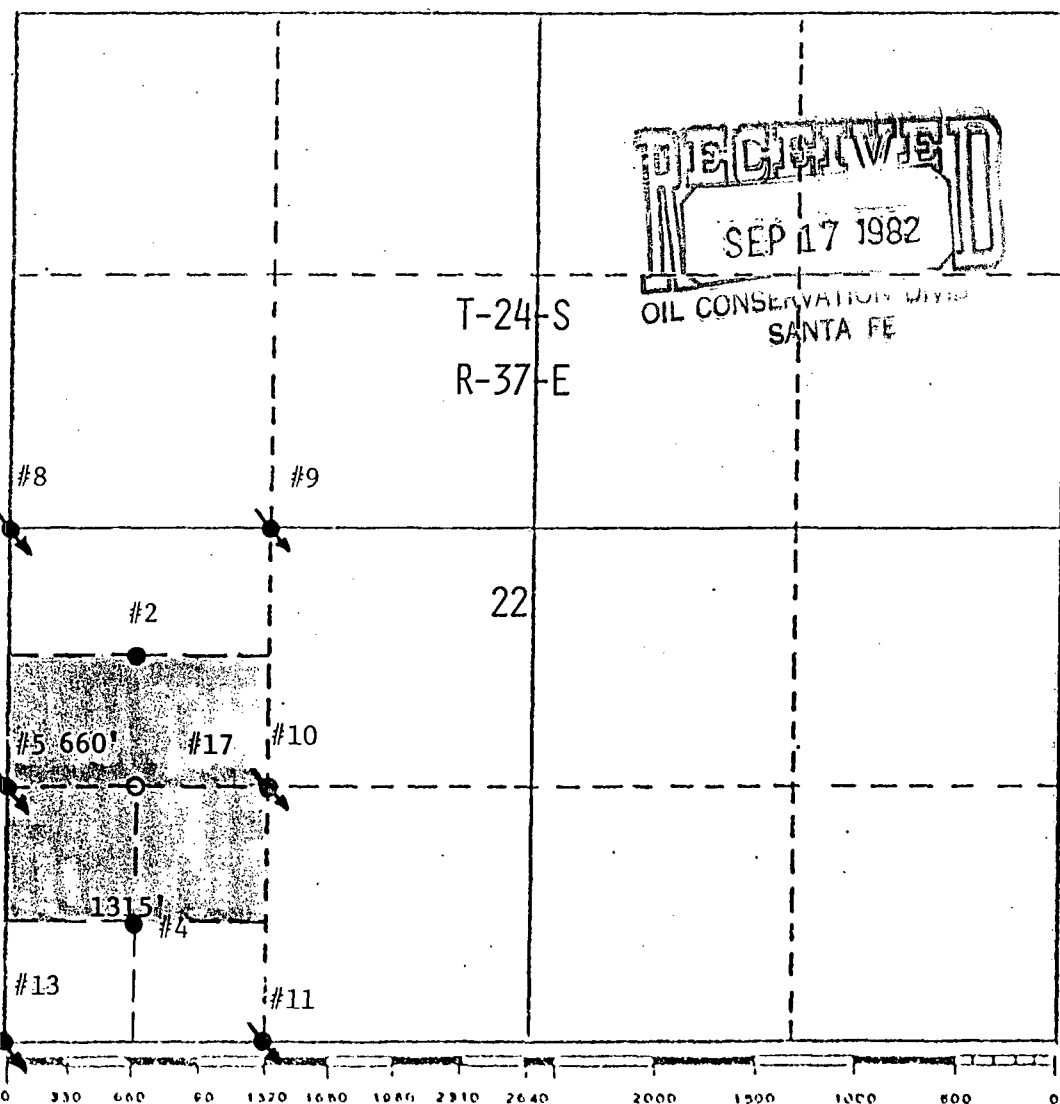
1315 feet from the SOUTH line and		660 feet from the WEST line	
Ground Level Elev. 3221'	Producing Formation Queens - 7 Rivers	Pool Langlie - Mattix	Dedicated Acreage: 20 Acres

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R. E. Madison
Name

R. E. Madison
Position

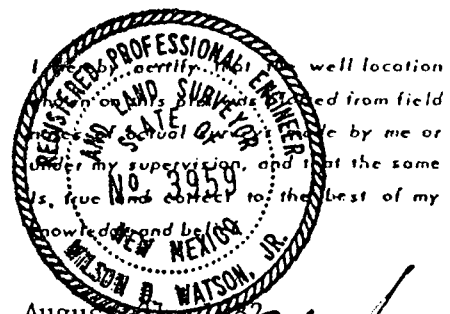
Production Supt.

Company

Cordova Resources, Inc.

Date

9/2/82



August 1982
Date Surveyed

Wilson B. Watson, Jr.
Registered Professional Engineer
and/or Land Surveyor

Certificate No.

3959