

Submit to Appropriate
District Office
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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

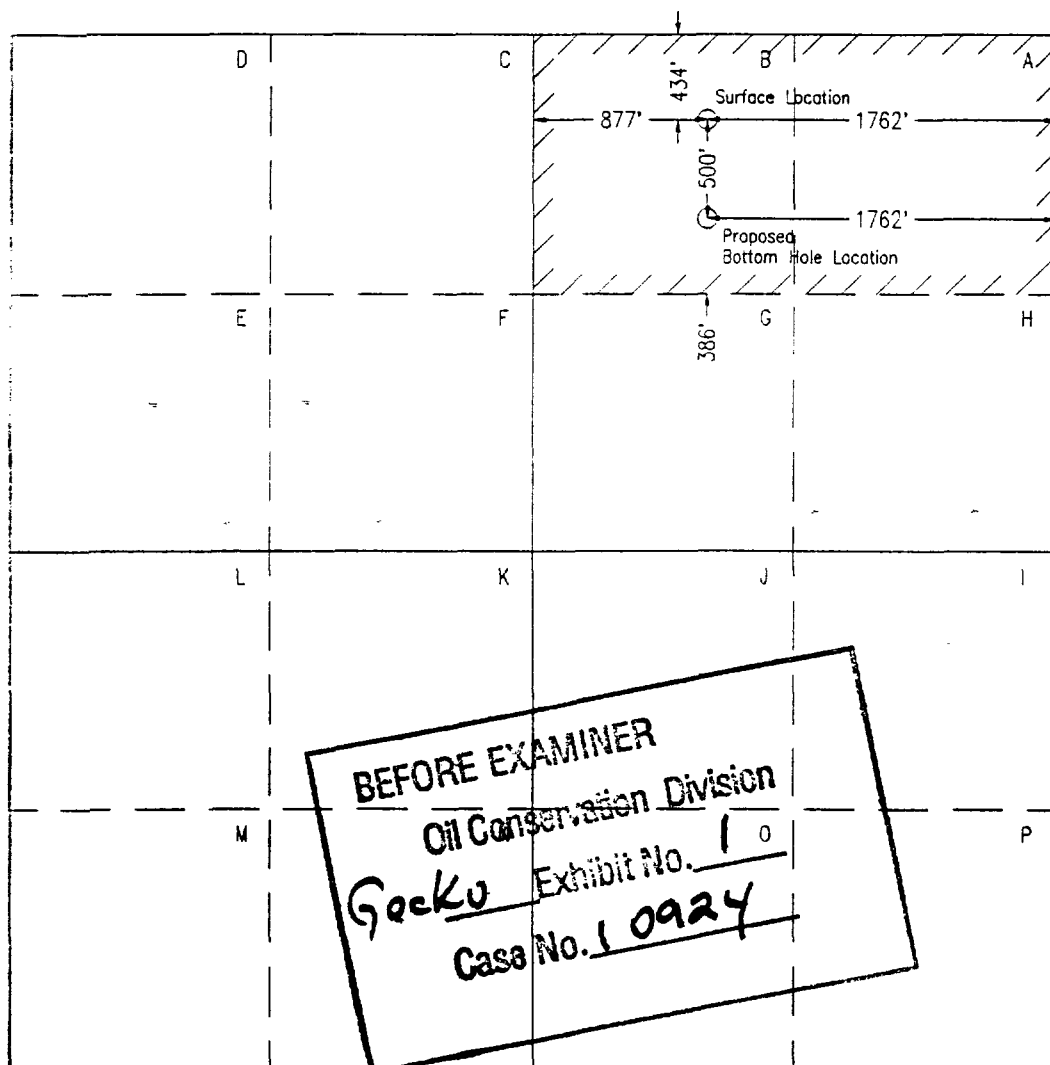
Exhibits 1 through 5
Complete Set

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Operator GECKO, INC.			Lease GECKO State -35-		Well No. 1
Unit Letter B	Section 35	Township T16S	Range R37E	County NMPM	Lea
Actual Footage Location of Well: 434 feet from the North line and 1762 feet from the East line.					
Ground level Elev. 3762	Producing Formation Strawn	Pool Casey (Strawn)		Dedicated Acreage: 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



BEFORE EXAMINER
Oil Conservation Division
Gecko Exhibit No. 10
Case No. 10924

OPERATOR CERTIFICATION

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

Signature
Steve L. Thomson
Printed Name
Steve L. Thomson
Position
President
Company
GECKO, Inc.
Date
January 31, 1994

SURVEYOR CERTIFICATION

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
10-20-93
Signature & Seal of
Professional Surveyor
Michael L. Stanford
Certificate No.
10324

Memorandum

SEAFOR EXAMINER
Oil Conservation Division
Gecko Exhibit No. 2
Case No. 10924

To: Benny Barton

From: Don Mozynski, Staff Geologist

Date: February 28, 1994

Subject: Rotary Sidewall Core Report--GECKO #35-1--Lea County, New Mexico

SIDEWALL CORE DESCRIPTION & ENVIRONMENT OF DEPOSITION

- 11510, 20, 30' Slightly glauconitic bioclastic foram-crinoid packstone. High energy material washed into deep shelf.
- 11540' Laminated, dark gray, weakly calcitic shale. **Basin.**
- 11550' Shelf lithoclast conglomerate composed of foram-algal boundstone lithoclasts in a crinoid fragment dolomite matrix. **Reef flank.**
- 11560, 65' Bioclastic packstone to foram-algal boundstone. Trace Chaetetes. Fair moldic porosity, no permeability. **High energy shelf, proximal to in situ reef.**
- 11570' Foram-algal packstone. Good moldic porosity. **High energy shelf, near mound or reef.**
- 11575, 80, 90' Stylolitic foram-algal wackestone. Trace poor intercrystalline porosity. **Low energy shelf proximal to reef or mound.**
- 11600' Foram-algal boundstone, fair moldic porosity (leached algal blades) and fair dissolutioned fracture and vuggy porosity. **Karsted reef. Possible eroded boulder.**
- 11610' Foram algal wackestone to packstone. Poor intercrystalline and vuggy porosity in calcite occluded dissolutioned fractures. **Probably infilled boundstone shelter porosity.**

Memorandum
February 28, 1994
Page 2

- 11620'** Foram-algal wackestone with fragments of fenestrate bryozoa, whole brachiopods. **Shallow low energy shelf, flank of mound or reef.**
- 11630'** Stylolitic crinoid-foram wackestone. **Deep quiet low energy shelf.**
- 11640'** Light brown bioclastic foram-fenestrate bryozoa fragment wackestone with rare crinoid fragments. **Shallow low energy shelf.**
- 11650'** Medium brown argillaceous stylolitic crinoidal wackestone. **Deep dirty low energy shelf.**

The lithologies present in these sidewall cores are consistent with reef flank deposits and consist of erosional conglomerates and reef lithologies deposited in deeper water. The reef lithologies from 11600' and 11610' are probably not in situ, but representative of a coarse, boulder-size conglomerate.

Based on regional models and correlations, the GECKO #35-1 well was drilled on the flank of a sizable algal mound. The crest of the reef is probably no more than 500-600' away from the wellbore, probably in a southerly direction.

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GEORGE F. ZIMMERMAN
Oil Company Survey Division
Gecko **35**
Case No. **10924**

Gecko, Inc.

Yates Pet.

HBP

Gecko, Inc.

Gecko 35-

Side-Track
Bottomhole

PG&E State Lease

1-1-97

Gecko, Inc.

ISOPACH

STRAWN REEF

PAY ZONE
STRAWN

STRUCTURE

-7700

-7710

-7720

-7730

-7740

-7750

BEFORE EXAMINER
 Oil Conservation Division
 Exhibit No. 4
 Case No. 10924

GECKO, INCORPORATED
 GECKO STATE 35 #1
 LEA COUNTY, NEW MEXICO

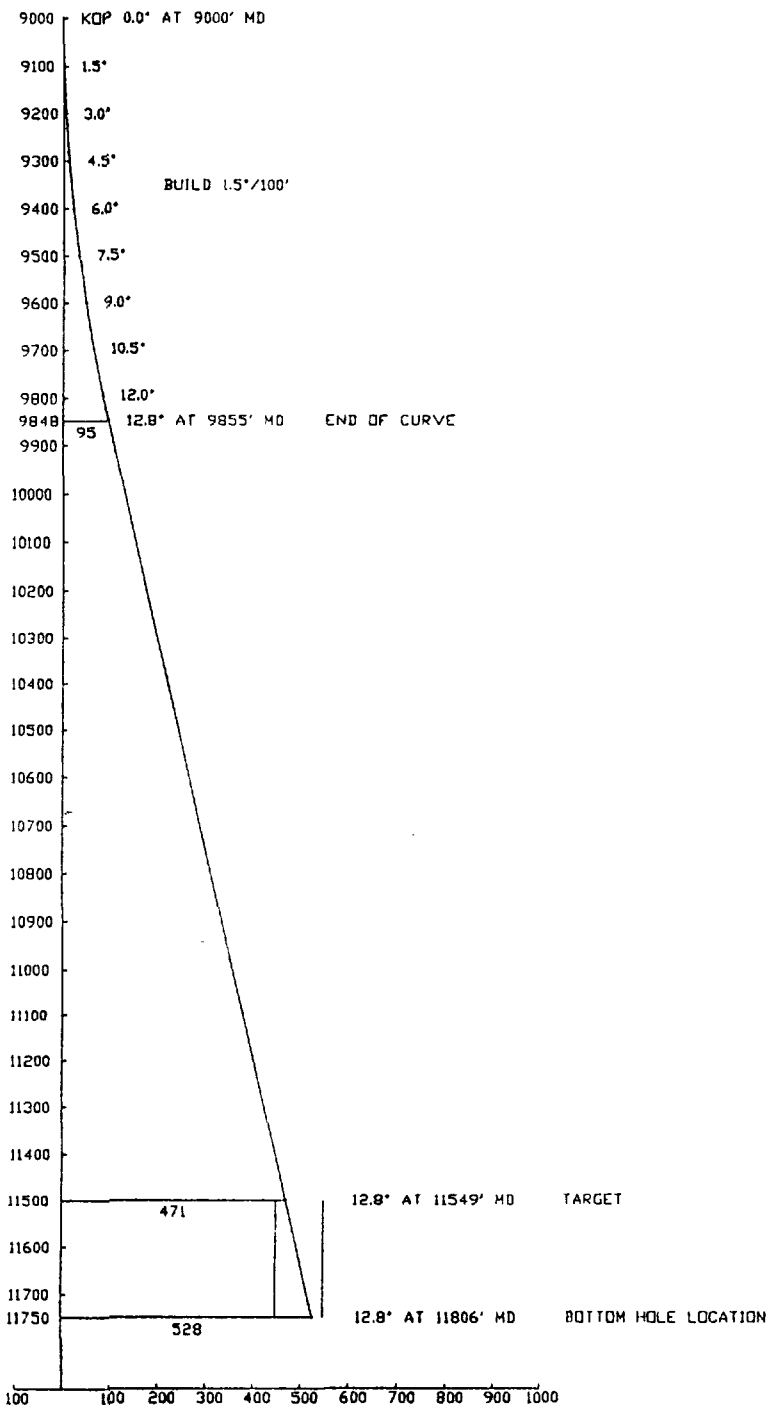


VERTICAL SECTION

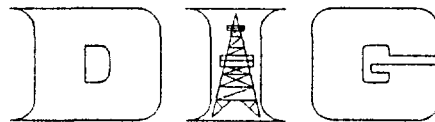
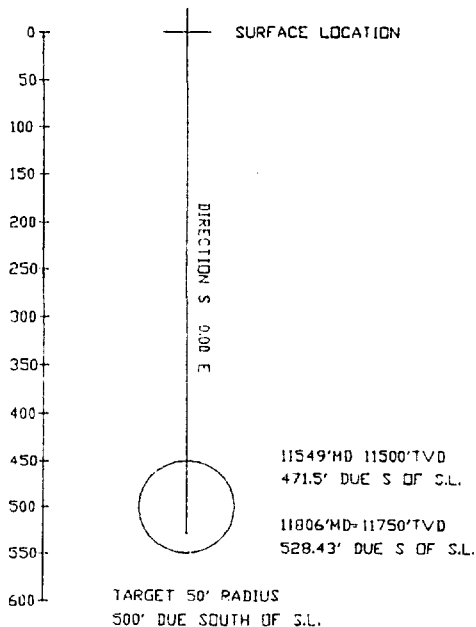
SCALE: 100 FEET/DIVISION

HORIZONTAL PLAN

SCALE: 50 FEET/DIVISION

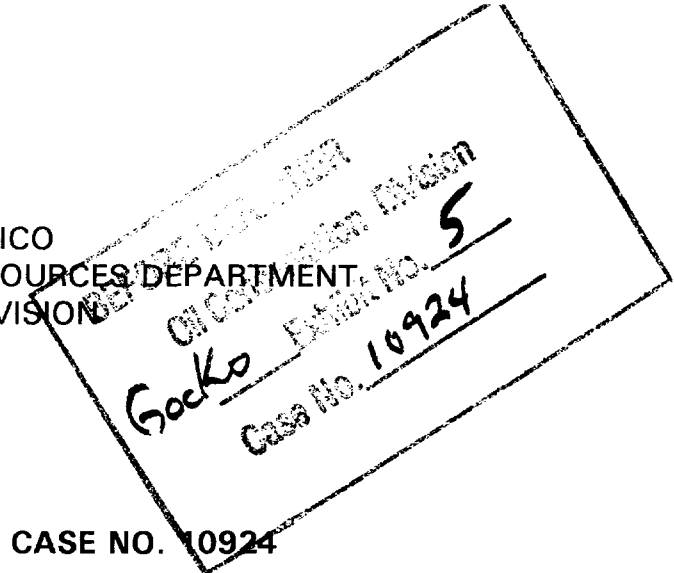


100 50 0 50 100



VERTICAL SECTION PLANE: S 0.00 E

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION
FOR THE PURPOSE OF CONSIDERING:

CASE NO. 10924

APPLICATION OF GECKO, INC. FOR DIRECTIONAL
DRILLING AND UNORTHODOX
SURFACE AND SUBSURFACE OIL WELL LOCATIONS,
LEA COUNTY, NEW MEXICO.

CERTIFICATE OF MAILING

AND

COMPLIANCE WITH ORDER R-8054

W. THOMAS KELLAHIN, attorney in fact and authorized representative of Gecko Inc., states that the notice provisions of Division Rule 1207 (Order R-8054) have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all interested parties entitled to receive notice, that on the 8th day of February 1994, I caused to be mailed by certified mail return-receipt requested notice of this hearing and a copy of the application for the above referenced case along with the cover letter, at least twenty days prior to the hearing set for March 3, 1994, to the parties shown in the application as evidenced by the attached copies of return receipt cards, and that pursuant to Division Rule 1207, notice has been given at the correct addresses provided by such rule.

W. Thomas Kellahin

SUBSCRIBED AND SWORN to before me this 1st day of MARCH, 1994.

Notary Public

My Commission Expires:

June 9, 1997

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
02/08/94
Gecko, Inc.

so that we can
back if space

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery
Consult postmaster for fee.

3. Article Addressed to:
Mr. Jerry R. Anderson
PG & E Resources Company
6688 N. Central Expressway
Suite #1000
Dallas, Texas 75202-3922

4a. Article Number
756 911 209

4b. Service Type
☒ Registered ☐ Insured
☒ Certified ☐ POB
☐ Express Mail ☐ Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)
A. McQuade

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 *U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Mr. Jerry R. Anderson
PG & E Resources Company
6688 N. Central Expressway
Suite #1000
Dallas, Texas 75202-3922

Postage 3

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing to Whom & Date Delivered

Return Receipt Showing to Whom Date & Address of Delivery

TOTAL Postage & Fees 3

Postmark or Date

02/08/94
Gecko, Inc.

3800, June 1990

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
02/08/94
Gecko, Inc.

so that we can
back if space

I also wish to receive the
following services (for an extra
fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery
Consult postmaster for fee.

does not permit.
• Write "Return Receipt Requested" on the mailpiece below the article number.
• The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:
Mr. Jerry R. Anderson
PG & E Resources Company
6688 N. Central Expressway
Suite #1000
Dallas, Texas 75202-3922

4a. Article Number
756 911 209

4b. Service Type
☒ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)
A. M. S. Riddle

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 ☆U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.



Certified Mail Receipt

No Insurance Coverage Provided

Do not use for International Mail

See Reverse

Mr. Jerry R. Anderson
PG & E Resources Company
6688 N. Central Expressway
Suite #1000
Dallas, Texas 75202-3922

Article Number	756 911 209
Service Type	Certified
Registered	<input type="checkbox"/>
Insured	<input type="checkbox"/>
COD	<input type="checkbox"/>
Express Mail	<input type="checkbox"/>
Return Receipt for Merchandise	<input type="checkbox"/>
Date of Delivery	
Signature of Addressee	
Signature of Agent	A. M. S. Riddle
Date of Delivery	
Address of Addressee	Mr. Jerry R. Anderson PG & E Resources Company 6688 N. Central Expressway Suite #1000 Dallas, Texas 75202-3922
TOTAL Postage	\$ 3.00
Postmark or Date	

3400 June 1990

02/08/94
Gecko, Inc.

P 756 911 208



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Mr. Randy Patterson
Yates Petroleum Company
105 S. Fourth Street
Artesia, New Mexico 88210

1800 June 1990	Certified Fee	\$
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom, Date, & Address of Delivery	
	TOTAL Postage & Fees	\$
	Postmark or Date	

02/08/94
Gecko, Inc.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

02/08/94
Gecko, Inc.

so that we can

does not permit.

- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Randy Patterson
Yates Petroleum Company
105 S. Fourth Street
Artesia, New Mexico 88210

4a. Article Number

756 911 208

4b. Service Type

- | | |
|---------------------------------------|---|
| <input type="checkbox"/> Registered | <input type="checkbox"/> Insured |
| <input type="checkbox"/> Certified | <input type="checkbox"/> COD |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Return Receipt for Merchandise |

7. Date of Delivery

FEB 9 1994

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991

★U.S. GPO: 1992-323-402

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.