

12/13/06 DATE IN	SUSPENSE	JONES ENGINEER	12/13/06 LOGGED IN	NSL TYPE	APP NO. 2 TDS0634747652
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name

Signature

Title

Date

e-mail Address

**Jones, William V., EMNRD**

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**From:** Deanna Poindexter [dpoinindexer@rangeresources.com]  
**Sent:** Thursday, March 01, 2007 7:40 AM  
**To:** Jones, William V., EMNRD  
**Subject:** RE: Revised Unorthodox Location Pkg - Greenwood #26, Lea County, NM

Mr. Jones,

Included with this packet is the hand drawn plat of the subject 40-acre unit as we have discussed before.

Thank you!  
~Deanna

**Deanna M. Poindexter**  
District Engineer - Eunice, NM  
Range Resources  
777 Main Street, Ste. 800  
Fort Worth, Texas 76102  
Office: (817) 509 - 1518  
Fax: (817) 810-1943

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**From:** Paula Hale  
**Sent:** Thursday, March 01, 2007 8:16 AM  
**To:** 'Jones, William V., EMNRD'  
**Cc:** Deanna Poindexter  
**Subject:** Revised Unorthodox Location Pkg - Greenwood #26, Lea County, NM

Mr. Jones,

I am attaching a revised unorthodox application package to you for the subject well. I am sending it in pdf & tiff formats for your convenience. I will put the original in overnight mail to you.

Thank you.

Paula Hale  
Range Operating New Mexico, Inc.

phale@rangeresources.com

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This inbound email has been scanned by the MessageLabs Email Security System.

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3/1/2007



**RANGE OPERATING NEW MEXICO, INC.**

February 21, 2007

State of New Mexico  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Attn: William V. Jones, PE

Re: Greenwood #26 Unorthodox Location  
Section 9-T22S-R37E  
Lea County, NM

Mr. Jones,

Range requests administrative approval of an unorthodox location for the subject well located as follows:

1,530' FSL & 665' FEL  
Unit I, Section 9-T22S-R37E

This request places the subject well 210' from the south boundary of Unit I (40-acre tract) in lieu of 330' from the unit line as per field rules for the Eunice San Andres SW pool. There is currently only one other well producing from this pool, the Greenwood #25, located 2,285' FSL & 330' FEL.

Range's Greenwood lease covers the S/2 of Section 9 with common ownership in the 320 acres in the San Andres only. As a result, the requested location which is 210' FSL does not encroach upon any outside parties in the Eunice San Andres SW pool.

Several locations were considered and evaluated for this well, and attempts were made to locate this well at a legal location. The attached hand drawn plat shows the majority of the surface obstacles within this 40-acre unit. This includes roads, power lines, gas pipelines, water pipelines, and current surface locations of other producing wells. The attached survey plat shows that the location is centered among pipelines, an electric line, and a barbed wire fence. There are also three existing well sites within this 40-acre proration unit - 1 in the targeted pool and 2 in other pools. The presence of a homestead, including a house, a barn, and a grove of trees, prevented the NW/4 of the proration unit from being considered for a well site. The original location for this well site was a legal location in the SW corner of the unit. However, that would have placed the location in a surface owner's shooting range. The location was then moved east to clear away from the range and south to stay out of a fence line.

**RANGE RESOURCES CORPORATION**

Range will be able to modify the pad dimensions necessary to accommodate the drilling rig at the proposed location on the attached plat. The existing roads on the south half of the unit that are documented on the plat are two-tire-track dirt roads that Range will route around the location in order to accommodate surface needs.

Range would appreciate your consideration for this location. With a complexity of surface issues in this unit, it was realized that the drilling footprint could be squeezed into the above unorthodox location as surveyed by John West Surveyors & platted as shown on the attached documents.

To confirm, the subject well will be drilled to a TD of 4,300' to test only the Eunice San Andres SW pool. There is only one well in Unit I producing from the subject pool.

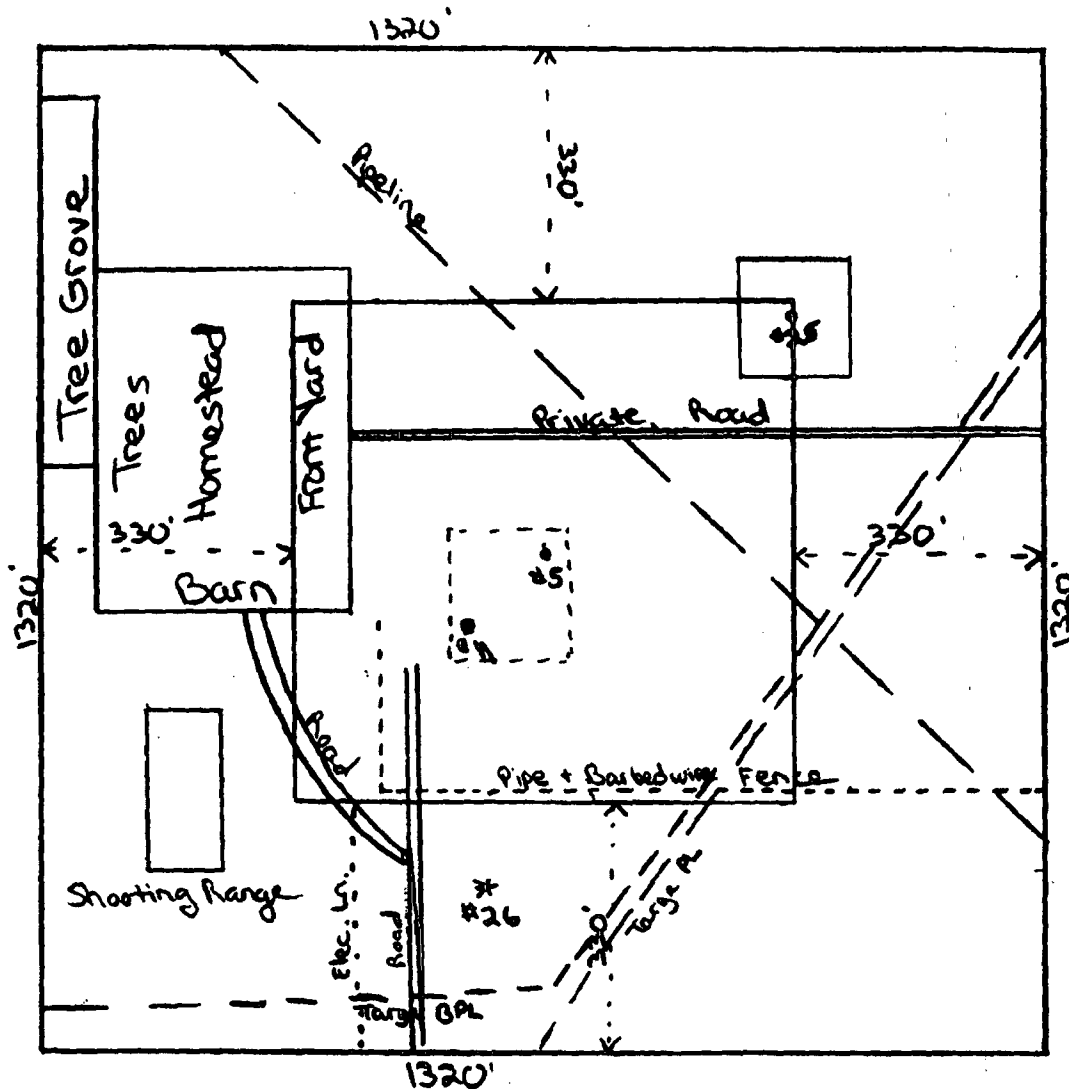
Sincerely,



Deanna M. Poindexter  
District Engineer  
Range Resources  
Ofc # (817) 509-1518  
[dpindexter@rangeresources.com](mailto:dpindexter@rangeresources.com)



9-225-37E  
NE/4 of SE/4



JL Greenwood # 5:30-025-10126

Eumont Yates - Seven Rivers - Queen

JL Greenwood #11: 30-025-10132

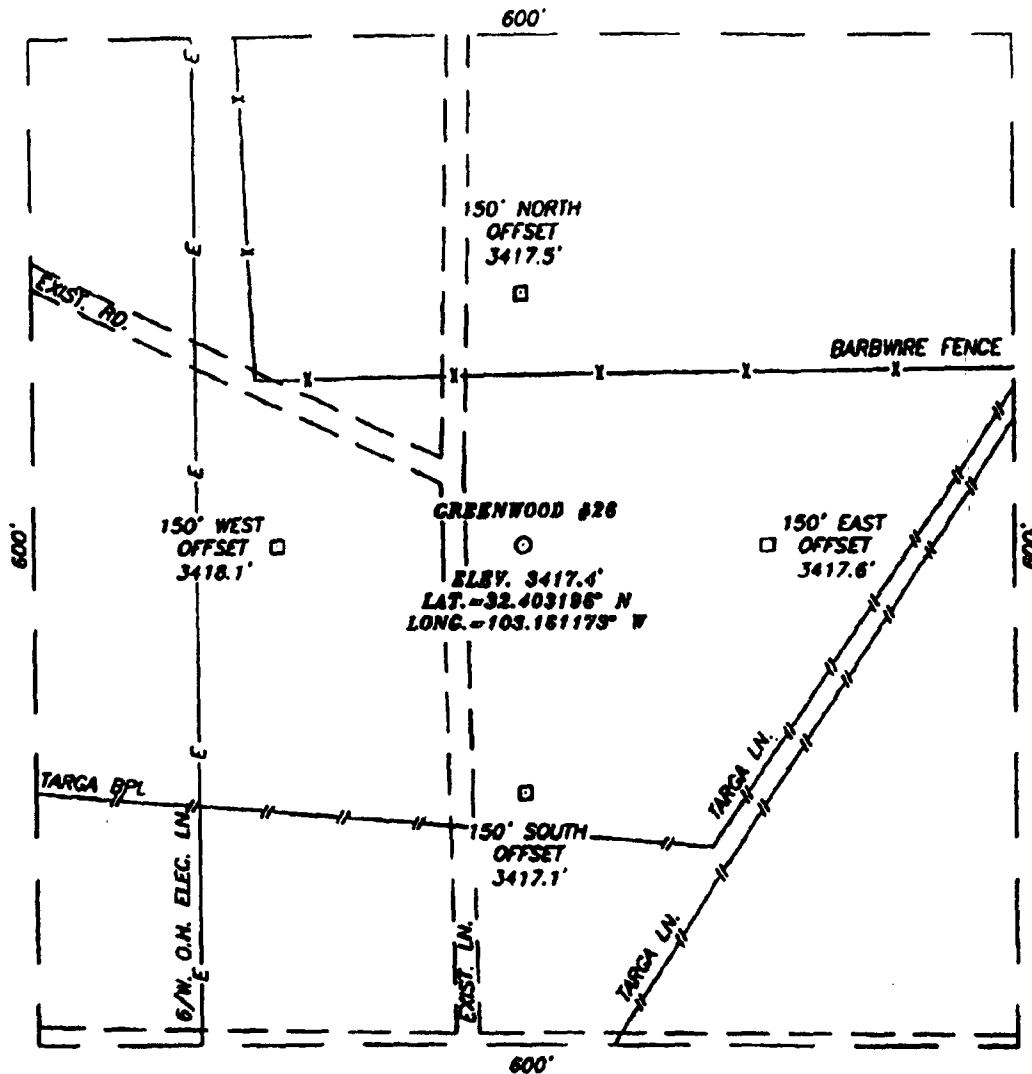
Wante; Abo

Greenwood #25130-025-37164

San Andres

\* ~ proposed Greenwood #26 location (San Andres)

SECTION 9, TOWNSHIP 22 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY. NEW MEXICO



### DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CO. RD. E-21  
(DELAWARE BASIN RD.) AND CO. RD. E-33 (S.  
LEGION RD.), GO NORTH ON CO. RD. E-33  
APPROX. 0.3 MILES. TURN RIGHT AND GO EAST  
APPROX. 0.8 MILES. THIS LOCATION IS APPROX.  
300 FEET NORTH.



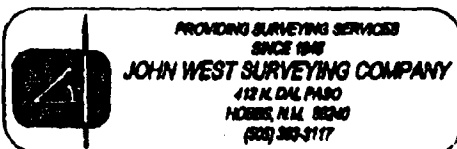
**RANGE OPERATING NEW MEXICO, INC.**

GREENWOOD #28  
LOCATED 1530 FEET FROM THE SOUTH LINE  
AND 665 FEET FROM THE EAST LINE OF SECTION 8,  
TOWNSHIP 22 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

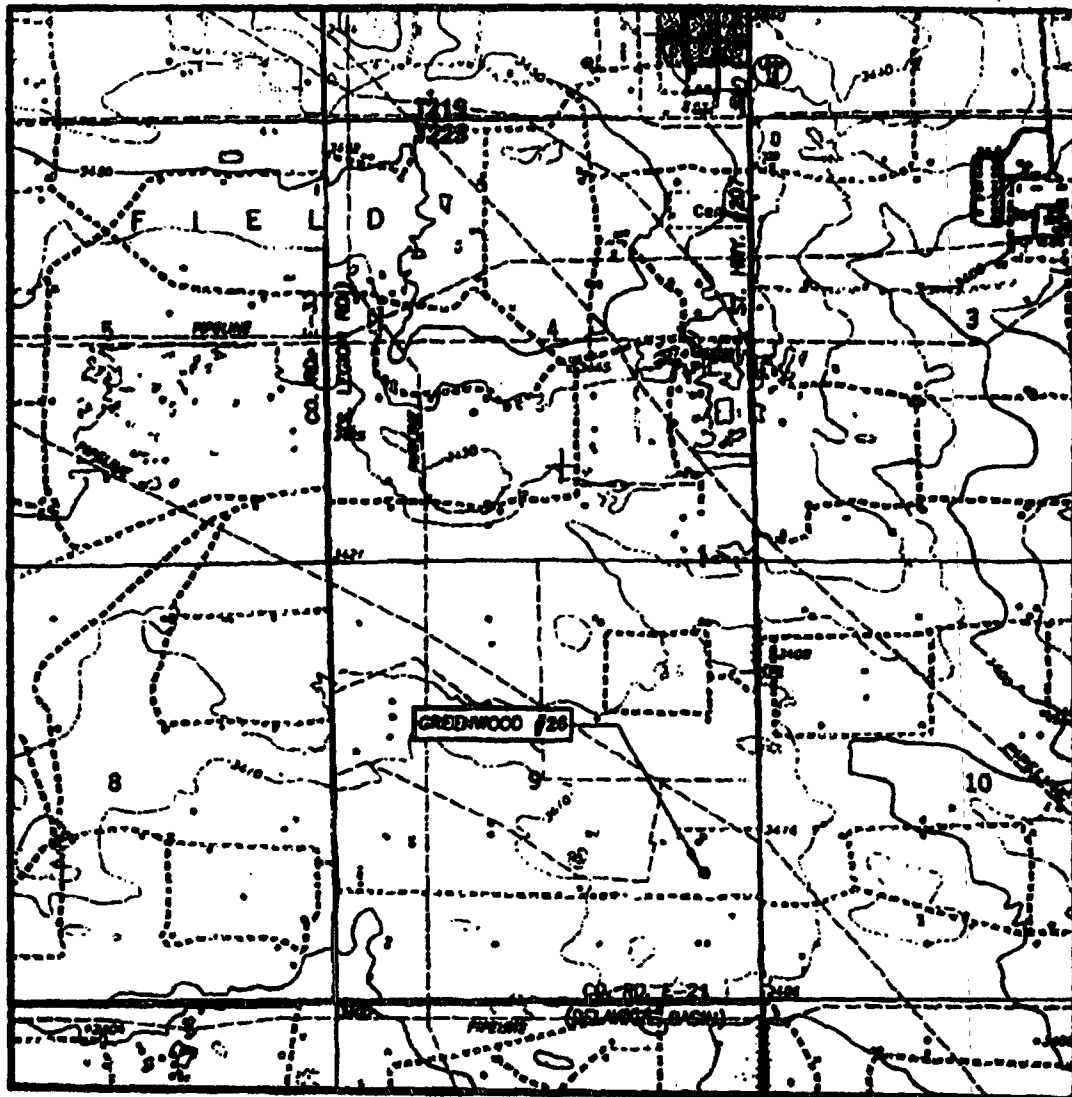
Survey Date: 06/26/06	Sheet 1 of 1 Sheets
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W.O. Number: 06.11.1086	Dr By: M.R.	Rev 1:N/A
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Date: 07/05/06	Disk: CD#6	06.11.1086	Scale: 1"=100'
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# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
EUNICE, N.M. - 10'

SEC. 9 TWP. 22-S RGE. 37-E

SURVEY N.M.P.M.

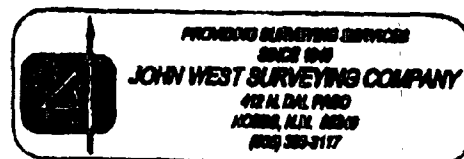
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 1530' FSL &amp; 665' FEL

ELEVATION 3417'

OPERATOR RANGE OPERATING  
NEW MEXICO, INC.

LEASE GREENWOOD

U.S.G.S. TOPOGRAPHIC MAP  
EUNICE, N.M.

## DISTRICT I

1825 N. FRENCH DR., BOBBS, NM 88240

## DISTRICT II

1901 W. GRAND AVENUE, ARTERIA, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## State of New Mexico

Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code	Pool Name
		24180	330' Offset Display w/Wells ("x")
Property Code	Property Name		Well Number
301563	GREENWOOD		26
OGRID No.	Operator Name		Elevation
227588	RANGE OPERATING NEW MEXICO, INC.		3417'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	9	22-S	37-E		1530	SOUTH	665	EAST	LEA

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			
40									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=512380.5 N X=861775.3 E</p> <p>LAT.=32.403196° N LONG.=103.161173° W</p> <p>OTHER X Z X Z X Z</p> <p>SP 0 665'</p> <p>1530'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Paula Hale</i> 12-22-07 Signature Date</p> <p>Paula Hale Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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 belief.</p> <p>JUNE 26, 2006</p> <p>Date Surveyed MR</p> <p>Signature of Registered Professional Surveyor</p> <p>GARY EIDSON 227/06 06.17.1086</p> <p>Certificate No. GARY EIDSON 12641 RONALD L EIDSON 3239</p>



**GREENWOOD #26**  
**RANGE OPERATING NEW MEXICO, INC.**  
**UNORTHODOX LOCATION APPLICATION**

**LIST OF AFFECTED PERSONS**

Range Operating New Mexico, Inc.  
777 Main St., Ste. 800  
Fort Worth, TX 76102



RANGE OPERATING NEW MEXICO, INC.

**GREENWOOD #26  
UNORTHODOX LOCATION APPLICATION**

**STATEMENT OF NOTIFICATION TO OFFSETS**

On December 11, 2006, Range Operating New Mexico, Inc. sent a copy of the Greenwood #26 Unorthodox Location Application, including a copy of the plat, to the following persons:

BEC Corp.  
P. O. Box 1392  
Midland, TX 79702

Chevron USA Inc.  
P. O. Box 4791  
Houston, TX 77210-4791

Exxon Mobil Corporation  
P. O. Box 4721  
Houston, TX 77210-4721

John H. Hendrix Corp.  
P. O. Box 3040  
Midland, TX 79702-3040

Paula Hale  
Sr. Reg. Sp.  
Range Operating New Mexico, Inc.

12-12-06  
Date Signed

COPY



RANGE OPERATING NEW MEXICO, INC.

December 12, 2006

BEC CORP.  
P. O. Box 1392  
Midland, TX 79702

Re: Unorthodox Location Application  
Greenwood #26  
Unit 8, Sec. 9, T22S, R37E  
Lea County, New Mexico

Gentlemen:

Enclosed is a copy of Range Operating New Mexico, Inc.'s application for an unorthodox location application to the OCD. Should you have an objection to this application you must file it with the OCD, in writing, within 20 days from the date the division received the application.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paula Hale', with a large, loopy initial 'P'.

Paula Hale  
Sr. Reg. Sp.

[phale@rangeresources.com](mailto:phale@rangeresources.com)

Enclosure(s)

**COPY**



RANGE OPERATING NEW MEXICO, INC.

December 12, 2006

Chevron USA Inc.  
P. O. Box 4791  
Houston, TX 77210-4791

Re: Unorthodox Location Application  
Greenwood #26  
Unit 8, Sec. 9, T22S, R37E  
Lea County, New Mexico

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Paula Hale  
Sr. Reg. Sp.

[phale@rangeresources.com](mailto:phale@rangeresources.com)

Enclosure(s)

COPY



RANGE OPERATING NEW MEXICO, INC.

December 12, 2006

Exxon Mobil Corporation  
P. O. Box 4721  
Houston, TX 77210-4721

Re: Unorthodox Location Application  
Greenwood #26  
Unit 8, Sec. 9, T22S, R37E  
Lea County, New Mexico

Gentlemen:

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Paula Hale  
Sr. Reg. Sp.

[phale@rangeresources.com](mailto:phale@rangeresources.com)

Enclosure(s)

# Well Selection Criteria Quick Print

Monday, January 22, 2007

Page 1

(WH\_SEC = 9 and WH\_TWPN = 22 and WH\_TWPD Like 'S' and WH\_RNGN = 37 and WH\_RNGD Like 'E' and PoolNo = 24180)

API Well #	Well Name and No.	Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt	Lst Insp Dt
30-025-10149-00-00	ELLIOTT B 9	JOHN H HENDRIX CORP	O	A	Lea	F	C	9	22 S	37 E	660 N	1980 W		8/22/2002
30-025-10153-00-00	ELLIOTT B 9	JOHN H HENDRIX CORP	O	A	Lea	F	D	9	22 S	37 E	660 N	660 W		9/10/2002
30-025-10146-00-00	PENROSE	RANGE OPERATING NEW MEXI	O	A	Lea	F	E	9	22 S	37 E	2086 N	776 W		8/22/2002
30-025-38260-00-00	PENROSE	RANGE OPERATING NEW MEXI	O	N	Lea	F	E	9	22 S	37 E	1760 N	330 W		
30-025-37164-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	I	9	22 S	37 E	2285 S	330 E		12/14/2005
30-025-37224-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	J	9	22 S	37 E	2180 S	1500 E		
30-025-37871-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	J	9	22 S	37 E	1650 S	1790 E		
30-025-36761-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	K	9	22 S	37 E	2310 S	2310 W		
30-025-37872-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	K	9	22 S	37 E	1700 S	2115 W		
30-025-36759-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	L	9	22 S	37 E	2310 S	430 W		
30-025-23691-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	M	9	22 S	37 E	330 S	500 W		10/28/2004
30-025-36760-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	N	9	22 S	37 E	330 S	2310 W		
30-025-37147-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	O	9	22 S	37 E	330 S	1650 E		2/25/2006
30-025-37148-00-00	GREENWOOD	RANGE OPERATING NEW MEXI	O	A	Lea	P	P	9	22 S	37 E	330 S	330 E		3/28/2006

EXISTING SA well