

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

**APPLICATION OF CIMAREX
ENERGY CO. FOR A NON-STANDARD
OIL SPACING AND PRORATION UNIT
AND COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.**

CASE NO. 15561

Klein 33 Federal Com 7H Well

TABLE OF CONTENTS

- Exhibit 1 - Application**
- Exhibit 2 - C-102**
- Exhibit 3 - Lease Tract Map**
- Exhibit 4 - Proof of Notice**
- Exhibit 5 - Structure Map**
- Exhibit 6 - Isopach Map**
- Exhibit 7 - Cross Section**
- Exhibit 8 - Wellbore Diagram**

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

**APPLICATION OF CIMAREX
ENERGY CO. FOR A NON-STANDARD
OIL SPACING AND PRORATION UNIT,
EDDY COUNTY, NEW MEXICO.**

CASE NO. _____

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division for an order creating a non-standard 446.86 acre, more or less, oil spacing and proration unit and project area in the Bone Spring formation, comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Cimarex states as follows:

1. Cimarex is an interest owner in the subject lands and has a right to drill a well thereon.
2. Cimarex has drilled or is in the process of drilling and completing the Klein 33 Federal Com 7H well in the WC-015 G-04 S262728S, which is a horizontal well that will develop the Bone Springs Pool (Pool Code 98018) underlying the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33 to form a 446.86-acre, more or less, oil spacing and proration unit (the "project area").
3. The WC-015 G-04 S262728S, Bone Springs Pool (Pool Code 98018) is subject to the Division's statewide rule providing for 40-acre spacing units.

EXHIBIT

1

4. The Klein 33 Federal Com 7H well will be drilled from a surface hole location of 210 feet from the South line and 1980 feet from the West line of Section 33 to a bottom hole location of 345 feet from the North line and 1713 feet from the West line of Section 28. The completed interval for this well will comply with the 330' setbacks required by the Division's rules.

5. Cimarex plans to develop each 40 acre spacing unit within the project area and Irregular Lots 2 and 3 in Section 33 with the Klein 33 Federal 7H well and two other wells that it has proposed to drill, the Klein 33 Federal 5H and 8H wells.

6. Approval of the non-standard proration unit and project area will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

7. Notice of this application is being given in accordance with Division rules.

WHEREFORE, Cimarex Energy Co. requests this application be set for hearing before an Examiner of the Oil Conservation Division on October 27, 2016, and after notice and hearing as required by law, the Division enter its order:

A. Creating a non-standard oil spacing and proration unit and project area in the Bone Spring formation comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico.

Respectfully submitted,

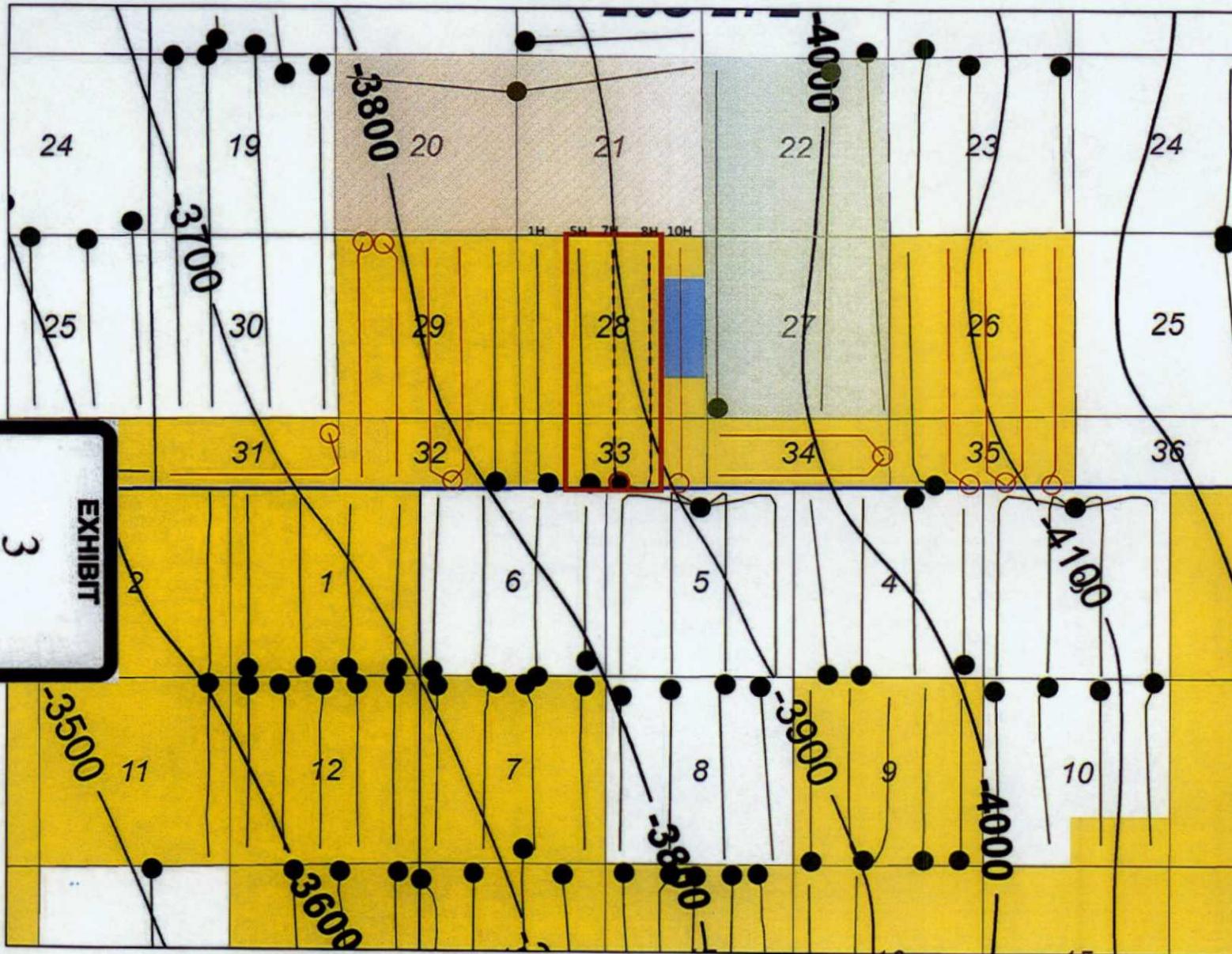
MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: 
Earl E. DeBrine, Jr.
Jennifer Bradtute
Post Office Box 2168

Bank of America Centre
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. _____: Application of Cimarex Energy Company for a non-standard spacing and proration unit, Eddy County, New Mexico. Applicant seeks an order from the Division: creating a non-standard 446.86 acre, more or less, oil spacing and proration unit and project area in the Bone Spring formation, comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico. This proposed non-standard spacing and proration unit will be the project area for the Klein 33 Federal Com 7H well, to be horizontally drilled. The producing area for this well will be 330 feet from the project area boundary. Said area is located approximately 17 miles southwest of Malaga New Mexico.

3
EXHIBIT



2nd Bone Spring
Laterals Only

Producing
Permitted

Proposed Project Area

Offset Owners

Mewbourne Oil Co
Nearburg Exp Co et al
Yates Petroleum

CIMAREX

Second Bone Spring Sandstone
Net Sandstone (>10% dphi(s)) CI: 25'
Structure - Top Sand
JFB 10/16

1 mile

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

APPLICATION OF CIMAREX
ENERGY CO. FOR A NON-STANDARD
OIL SPACING AND PRORATION UNIT,
EDDY COUNTY, NEW MEXICO.

CASE NO. 15561

AFFIDAVIT

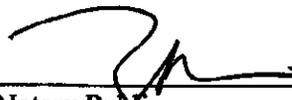
STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

Jennifer L. Bradfute, attorney in fact and authorized representative of Cimarex Energy Co., the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application was provided under the notice letter and proof of receipt attached hereto.



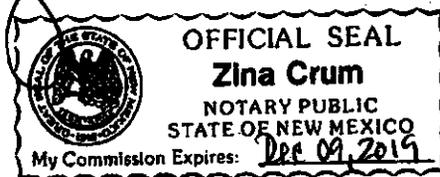
Jennifer L. Bradfute

SUBSCRIBED AND SWORN to before me this 16th day of, November 2016 by Jennifer L. Bradfute.



Notary Public

My commission expires: Dec. 01, 2019





MODRALL SPERLING
LAWYERS

October 27, 2016

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Jennifer L. Bradfute
505.848.1843
Fax: 505.848.1882
jlb@modrall.com

Re: APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT, EDDY COUNTY, NEW MEXICO.

Case No. 15561

TO: AFFECTED PARTIES

This letter is to advise you that Cimarex Energy Co. ("Cimarex") has filed the enclosed application with the New Mexico Oil Conservation Division seeking to obtain approval of a 446.86 acre non-standard oil spacing and proration unit and project area in the Bone Spring formation, comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico for the development of the Klein 33 Federal Com 7H well.

This application has been set for hearing before a Division Examiner at 8:15 a.m. on November 17, 2016. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Office located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

Pursuant to Division Rule 1208.B, you are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division not later than 5:00 PM on November 10, 2016, with a copy delivered to the undersigned.

Sincerely,


Jennifer L. Bradfute
Attorney for Cimarex Energy Co.

Modrall Spertling
Roehl Haritz & Sisk P.A.
Bank of America Centre
500 Fourth Street NW
Suite 1000
Albuquerque,
New Mexico 87102

PO Box 2168
Albuquerque,
New Mexico 87103-2168

Tel: 505.848.1800
www.modrall.com

SE/4NE/4 & NE/4SE/4 of Section 28, T26S, R27E, Eddy Co., NM

The Estate of Marie G. Welch
Samuel G. Alderman, Individually & Executor
4252 Wood Forest Place
Macon, GA 31210

J.S.M. Oil & Gas, Inc.
P.O. Box 3362
Midland, TX 79702

James E. Logan Oil Corp.
1455 Yarmouth
Boulder, CO 80304

Mobil Producing Texas and New Mexico
P.O. Box 4358
Houston, Texas 77210

Nearburg Exploration Company, LLC
P.O. Box 823085
Dallas, Texas 75382-3085

Black Stone Minerals Co., LP
1001 Fannin, Suite 2020
Houston, TX 77002

Matagorda B1, LP
2001 Kirby Drive, Suite 1200
Houston, TX 77019-6081

Petrorep Resources, Ltd.
1000, 360 - 6th Ave. SW
Calgary, Alberta T2P 0S8
Canada

Corexcal
425 1st SW
Calgary, Alberta T2P 3V7
Canada

Mewbourne Oil Company
3901 S. Broadway Ave.
Tyler, Texas 75701

Section 21 T26S, R27E

Yates Petroleum Corporation
105 S. 4th Street
Artesia, NM 88210



MODRALL SPERLING

L A W Y E R S

October 3, 2016

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Jennifer L. Bradfute
505.848.1845
Fax: 505.848.1882
jlb@modrall.com

Re: APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT, EDDY COUNTY, NEW MEXICO.

Case No. 15561

TO: AFFECTED PARTIES

This letter is to advise you that Cimarex Energy Co. ("Cimarex") has filed the enclosed application with the New Mexico Oil Conservation Division seeking to obtain approval of a 446.86 acre non-standard oil spacing and proration unit and project area in the Bone Spring formation, comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico for the development of the Klein 33 Federal Com 7H well.

This application has been set for hearing before a Division Examiner at 8:15 a.m. on October 27, 2016. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Office located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

Pursuant to Division Rule 1208.B, you are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division not later than 5:00 PM on October 20, 2016, with a copy delivered to the undersigned.

Sincerely,

Jennifer L. Bradfute
Attorney for Cimarex Energy Co.

Modrall Spierling
Roehl Harris & Stark P.A.

Bank of America Centre
500 Fourth Street NW
Suite 1000
Albuquerque,
New Mexico 87102

PO Box 2168
Albuquerque,
New Mexico 87103-2168

Tel: 505.848.1800
www.modrall.com

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

**APPLICATION OF CIMAREX
ENERGY CO. FOR A NON-STANDARD
OIL SPACING AND PRORATION UNIT,
EDDY COUNTY, NEW MEXICO.**

CASE NO. _____

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division for an order creating a non-standard 446.86 acre, more or less, oil spacing and proration unit and project area in the Bone Spring formation, comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Cimarex states as follows:

1. Cimarex is an interest owner in the subject lands and has a right to drill a well thereon.
2. Cimarex has drilled or is in the process of drilling and completing the **Klein 33 Federal Com 7H well** in the WC-015 G-04 S262728S, which is a horizontal well that will develop the Bone Springs Pool (Pool Code 98018) underlying the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33 to form a 446.86-acre, more or less, oil spacing and proration unit (the "project area").
3. The WC-015 G-04 S262728S, Bone Springs Pool (Pool Code 98018) is subject to the Division's statewide rule providing for 40-acre spacing units.

4. The Klein 33 Federal Com 7H well will be drilled from a surface hole location of 210 feet from the South line and 1980 feet from the West line of Section 33 to a bottom hole location of 345 feet from the North line and 1713 feet from the West line of Section 28. The completed interval for this well will comply with the 330' setbacks required by the Division's rules.

5. Cimarex plans to develop each 40 acre spacing unit within the project area and Irregular Lots 2 and 3 in Section 33 with the Klein 33 Federal 7H well and two other wells that it has proposed to drill, the Klein 33 Federal 5H and 8H wells.

6. Approval of the non-standard proration unit and project area will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

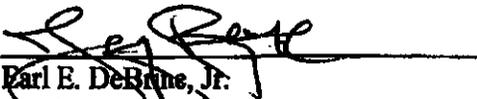
7. Notice of this application is being given in accordance with Division rules.

WHEREFORE, Cimarex Energy Co. requests this application be set for hearing before an Examiner of the Oil Conservation Division on October 27, 2016, and after notice and hearing as required by law, the Division enter its order:

A. Creating a non-standard oil spacing and proration unit and project area in the Bone Spring formation comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: 

Earl E. DeBonne, Jr.
Jennifer Bradfute
Post Office Box 2168

Bank of America Centre
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. _____: Application of Cimarex Energy Company for a non-standard spacing and proration unit, Eddy County, New Mexico. Applicant seeks an order from the Division: creating a non-standard 446.86 acre, more or less, oil spacing and proration unit and project area in the Bone Spring formation, comprised of the E/2 W/2 and W/2 E/2 of Section 28, and Unit Letters B, C and Lots 2 and 3 of Irregular Section 33, all Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico. This proposed non-standard spacing and proration unit will be the project area for the Klein 33 Federal Com 7H well, to be horizontally drilled. The producing area for this well will be 330 feet from the project area boundary. Said area is located approximately 17 miles southwest of Malaga New Mexico.

**CIMAREX APPLICATION NOTICE
KLEIN 33 FED COM 7 H
MAILED: OCTOBER 27, 2016**

PARTIES	CERTIFIED RECEIPT NO.
<p>The Estate of Marie G. Welch Samuel G. Alderman, Individually & Executor 4252 Wood Forest Place Macon, GA 31210</p>	<p>7014-3490-0001-8089-6280 NOVEMBER 4, 2016</p>
<p>J.S.M. Oil & Gas, Inc. P.O. Box 3362 Midland, TX 79702</p>	<p>7008-1140-0003-9351-5858</p>
<p>James E. Logan Oil Corp. 1455 Yarmouth Boulder, CO 80304</p>	<p>7008-1140-0003-9351-5865 NOVEMBER 10, 2016 RETURN TO SENDER – INSUFFICIENT ADDRESS – UNABLE TO FORWARD</p>
<p>Mobil Producing Texas and New Mexico P.O. Box 4358 Houston, Texas 77210</p>	<p>7008-1140-0003-9351-5872 NOVEMBER 7, 2016</p>
<p>Nearburg Exploration Company, LLC P.O. Box 823085 Dallas, Texas 75382-3085</p>	<p>7008-1140-0003-9351-5889 NOVEMBER 7, 2016</p>
<p>Black Stone Minerals Co., LP 1001 Fannin, Suite 2020 Houston, TX 77002</p>	<p>7008-1140-0003-9351-5896 NOVEMBER 7, 2016</p>
<p>Matagorda B1, LP 2001 Kirby Drive, Suite 1200 Houston, TX 77019-6081</p>	<p>7008-1140-0003-9351-5902 NOVEMBER 7, 2016</p>
<p>Petrorep Resources, Ltd. 1000, 360 – 6th Ave. SW Calgary, Alberta T2P 0S8 Canada</p>	<p>7008-1140-0003-9351-5926</p>
<p>Corexcal 425 1st SW Calgary, Alberta T2P 3V7 Canada</p>	<p>7008-1140-0003-9351-5919</p>
<p>Mewbourne Oil Company 3901 S. Broadway Ave. Tyler, Texas 75701</p>	<p>7013-0600-0000-9380-1321 NOVEMBER 7, 2016</p>
<p>Yates Petroleum Corporation 105 S. 4th Street Artesia, NM 88210</p>	<p>1013-0600-0000-9380-1499 NOVEMBER 2, 2016</p>

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee	6.46
Total Postage & Fees	

ALBUQUERQUE, NEW MEXICO 87101
 OCT 28 2016
 USPS

PS Form 3825, August 2006

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	6.47

ALBUQUERQUE, NEW MEXICO 87101
 OCT 28 2016
 USPS

PS Form 3825, August 2006

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	6.47

ALBUQUERQUE, NEW MEXICO 87101
 OCT 28 2016
 USPS

PS Form 3825, August 2006

7525 T5E6 E000 04RT 9002

6155 T5E6 E000 04RT 9351

8585 T5E6 E000 04RT 9002

Petrorep Resources, Ltd.
 1000, 360 - 6th Ave. SW
 Calgary, Alberta T2P 0S8
 Canada

82762-0128 Klein 7H

28 Klein 7H

Corexcal
 425 1st SW
 Calgary, Alberta T2P 3V7
 Canada

82762-0128 Klein 7H

J.S.M. Oil & Gas, Inc.
 P.O. Box 3362
 Midland, TX 79702

82762-0128 Klein 7H

SENDER'S COPY (This section is for the sender's use only.)

1. Article Description

Black Stone Minerals Co., LP
 1001 Fannin, Suite 2020
 Houston, TX 77002

82762-0128 Klein 7H

2. Article Number (Required for service fees)

7008 1140 0003 9351 5896

PS Form 3811, July 2013

UNITED STATES POSTAL SERVICE

First-Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box.

RECEIVED
 NOV 7 2015

JENNIFER BRADFUTE
 Modrall Sperling Law Firm
 P.O. Box 2168
 Albuquerque, NM 87103-2168

U.S. Postal Service
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage \$
 Certified Fee
 Return Receipt Fee (Endorsement Required)
 Restricted Delivery Fee (Endorsement Required)

7008 1140 0003 9351 5896

ALBUQUERQUE/NEW MEXICO 87101
 OCT 27 2015
 USPS

Black Stone Minerals Co., LP
 1001 Fannin, Suite 2020
 Houston, TX 77002

82762-0128 Klein 7H

SENDER: COMPLETE THIS SECTION

I am the sender of this mail.
 I am the addressee of this mail.
 I am the sender of this mail and I am the addressee of this mail.

Print your name and address on the reverse so that we can return the card to you.
 Attach this card to the back of the mailpiece or on the inside of the envelope.

1. Article Addressed to:

Nearburg Exploration Company, LLC
 P.O. Box 823085
 Dallas, Texas 75382-3085
 82762-0128 Klein 7H

2. Article Number (Required for Service Return)

Agent
 Addressee
 Delivery Point
 No
 No

Priority Mail Envelope
 Return Receipt for Registered Mail
 Return Receipt for Registered Mail (Signature on Delivery)

PS Form 3811, July 2013 Domestic Return Receipt

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box.

JENNIFER BRADFUTE
 Modrall Sperling Law Firm
 P.O. Box 2168
 Albuquerque, NM 87103-2168

RECEIVED
 NOV - 7 2016

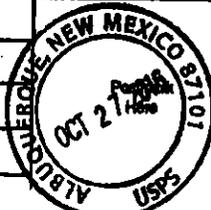


U.S. Postal Service
CERTIFIED MAIL, RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
OFFICIAL USE

6985 7536 E000 0411 9002

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	1.46



Nearburg Exploration Company, LLC
 P.O. Box 823085
 Dallas, Texas 75382-3085
 82762-0128 Klein 7H

SENDER'S COPY OF THIS RECEIPT

1. Article Addressed to:
 Mobil Producing Texas and New Mexico
 P.O. Box 4358
 Houston, Texas 77210
 82762-0128 Klein 7H

2. Article Number (Do not write over this)
 7008 1140 0003 9952 5872

3. Service type:
 First-Class Mail® Priority Mail Express®
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery
 Restricted Delivery/Extra Fee Yes

4. Is delivery address different from the address on the envelope? Yes
 If YES, enter delivery address below: No

PS Form 3811, July 2014 Domestic Return Receipt

UNITED STATES POSTAL SERVICE



First-Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box.

JENNIFER BRADFUTE
 Modrall Sperling Law Firm
 P.O. Box 2168
 Albuquerque, NM 87103-2168

RECEIVED
 NOV - 7 2016



7008 1140 0003 9952 5872

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	1.46

ALBUQUERQUE, NEW MEXICO 87101
 Here
 OCT 27 2016
 USPS

Mobil Producing Texas and New Mexico
 P.O. Box 4358
 Houston, Texas 77210
 82762-0128 Klein 7H

PS Form 3811, August 2009 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
 Print your name and address on the reverse so that we can return the card to you.
 Attach this card to the back of the mailpiece or on the front if space permits.

1. Article Addressed to:

Matagorda B1, LP
 2001 Kirby Drive, Suite 1200
 Houston, TX 77019-6081
 82762-0128 Klein 7H

2. Article Number
(Transfer from service label)

3. Restricted Delivery? Yes
If YES, enter delivery address below: No

4. Return Type
 Certified Mail Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

5. Restricted Delivery? (Encl. Fee) Yes

7008 1140 0003 9351 5902

PS Form 3811, July 2013 Domestic Return Receipt

UNITED STATES POSTAL SERVICE
TX 773
NOV 16
PM 3 L

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP-5® in this box.

RECEIVED
NOV 7 2016

JENNIFER BRADFUTE
 Modrall Sperling Law Firm
 P.O. Box 2168
 Albuquerque, NM 87103-2168

U.S. Postal Service
CERTIFIED MAIL - RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.46

7008 1140 0003 9351 5902
 2008 1556 6000 04TT 9002

Matagorda B1, LP
 2001 Kirby Drive, Suite 1200
 Houston, TX 77019-6081
 82762-0128 Klein 7H

ALBUQUERQUE, NEW MEXICO 87107
 Postmarked
OCT 27 2016
 USPS

SENDER'S COMPLETE THIS SECTION

Certified Mail[®], Registered Mail[®], and Return Receipt for Merchandise

Print your name and address on the return so that we can return the card to you.

Attach this card to the back of the mailpiece or on the front if space permits.

1. Article Addressed to:

Yates Petroleum Corporation
105 S. 4th Street
Artesia, NM 88210

82762-0128 Klein 7H

2. Article Number (Required for service inquiry)

3. Restricted Delivery (Extra Fee) Yes No

4. Delivery Address different from item 1? Yes No
If YES, enter delivery address below:

5. Delivery by (Printed Name) *[Signature]*

6. Date of Delivery *10/31/16*

7. Certified Mail[®] Priority Mail Express[®]

8. Registered Mail[®] Return Receipt for Merchandise

9. Insured Mail[®] Collect on Delivery

10. Signature Required

11. Signature Required for Restricted Delivery

12. Signature Required for Registered Mail

13. Signature Required for Certified Mail

14. Signature Required for Return Receipt for Merchandise

15. Signature Required for Return Receipt for Merchandise

16. Signature Required for Return Receipt for Merchandise

17. Signature Required for Return Receipt for Merchandise

18. Signature Required for Return Receipt for Merchandise

19. Signature Required for Return Receipt for Merchandise

20. Signature Required for Return Receipt for Merchandise

21. Signature Required for Return Receipt for Merchandise

22. Signature Required for Return Receipt for Merchandise

23. Signature Required for Return Receipt for Merchandise

24. Signature Required for Return Receipt for Merchandise

25. Signature Required for Return Receipt for Merchandise

26. Signature Required for Return Receipt for Merchandise

27. Signature Required for Return Receipt for Merchandise

28. Signature Required for Return Receipt for Merchandise

29. Signature Required for Return Receipt for Merchandise

30. Signature Required for Return Receipt for Merchandise

31. Signature Required for Return Receipt for Merchandise

32. Signature Required for Return Receipt for Merchandise

33. Signature Required for Return Receipt for Merchandise

34. Signature Required for Return Receipt for Merchandise

35. Signature Required for Return Receipt for Merchandise

36. Signature Required for Return Receipt for Merchandise

37. Signature Required for Return Receipt for Merchandise

38. Signature Required for Return Receipt for Merchandise

39. Signature Required for Return Receipt for Merchandise

40. Signature Required for Return Receipt for Merchandise

41. Signature Required for Return Receipt for Merchandise

42. Signature Required for Return Receipt for Merchandise

43. Signature Required for Return Receipt for Merchandise

44. Signature Required for Return Receipt for Merchandise

45. Signature Required for Return Receipt for Merchandise

46. Signature Required for Return Receipt for Merchandise

47. Signature Required for Return Receipt for Merchandise

48. Signature Required for Return Receipt for Merchandise

49. Signature Required for Return Receipt for Merchandise

50. Signature Required for Return Receipt for Merchandise

51. Signature Required for Return Receipt for Merchandise

52. Signature Required for Return Receipt for Merchandise

53. Signature Required for Return Receipt for Merchandise

54. Signature Required for Return Receipt for Merchandise

55. Signature Required for Return Receipt for Merchandise

56. Signature Required for Return Receipt for Merchandise

57. Signature Required for Return Receipt for Merchandise

58. Signature Required for Return Receipt for Merchandise

59. Signature Required for Return Receipt for Merchandise

60. Signature Required for Return Receipt for Merchandise

61. Signature Required for Return Receipt for Merchandise

62. Signature Required for Return Receipt for Merchandise

63. Signature Required for Return Receipt for Merchandise

64. Signature Required for Return Receipt for Merchandise

65. Signature Required for Return Receipt for Merchandise

66. Signature Required for Return Receipt for Merchandise

67. Signature Required for Return Receipt for Merchandise

68. Signature Required for Return Receipt for Merchandise

69. Signature Required for Return Receipt for Merchandise

70. Signature Required for Return Receipt for Merchandise

71. Signature Required for Return Receipt for Merchandise

72. Signature Required for Return Receipt for Merchandise

73. Signature Required for Return Receipt for Merchandise

74. Signature Required for Return Receipt for Merchandise

75. Signature Required for Return Receipt for Merchandise

76. Signature Required for Return Receipt for Merchandise

77. Signature Required for Return Receipt for Merchandise

78. Signature Required for Return Receipt for Merchandise

79. Signature Required for Return Receipt for Merchandise

80. Signature Required for Return Receipt for Merchandise

81. Signature Required for Return Receipt for Merchandise

82. Signature Required for Return Receipt for Merchandise

83. Signature Required for Return Receipt for Merchandise

84. Signature Required for Return Receipt for Merchandise

85. Signature Required for Return Receipt for Merchandise

86. Signature Required for Return Receipt for Merchandise

87. Signature Required for Return Receipt for Merchandise

88. Signature Required for Return Receipt for Merchandise

89. Signature Required for Return Receipt for Merchandise

90. Signature Required for Return Receipt for Merchandise

91. Signature Required for Return Receipt for Merchandise

92. Signature Required for Return Receipt for Merchandise

93. Signature Required for Return Receipt for Merchandise

94. Signature Required for Return Receipt for Merchandise

95. Signature Required for Return Receipt for Merchandise

96. Signature Required for Return Receipt for Merchandise

97. Signature Required for Return Receipt for Merchandise

98. Signature Required for Return Receipt for Merchandise

99. Signature Required for Return Receipt for Merchandise

100. Signature Required for Return Receipt for Merchandise

PS Form 3811, July 2015

ALBUQUERQUE, NM 87101
 UNITED STATES POSTAL SERVICE
 31 OCT 2016 PM
 First Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-18

• Sender: Please print your name, address, and ZIP+4[®] in this box.

JENNIFER BRADFUTE
 Modrall Sperling Law Firm
 P.O. Box 2168
 Albuquerque, NM 87103-2168

RECEIVED
 NOV - 2 2016

U.S. Postal Service
CERTIFIED MAIL - RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage \$ _____

Certified Fee _____

Return Receipt Fee (Endorsement Required) _____

Restricted Delivery Fee (Endorsement Required) _____

Yates Petroleum Corporation
 105 S. 4th Street
 Artesia, NM 88210

82762-0128 Klein 7H

ALBUQUERQUE, NEW MEXICO 87101
 OCT 31 2016
 Stamp
 Date

6847 096 0000 0090 ET02

PS Form 3811, August 2007

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

James E. Logan Oil Corp.
1455 Yarmouth
Boulder, CO 80304
82762-0128 Klein 7H

2. Article Number (Transfer from service label) **7008 1140 0003 9351 5865**

PB Form 3811, July 2013 Domestic Return Receipt

ADDRESSEE: COMPLETE THIS SECTION

A. Signature Agent Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below

3. Service Type
 Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only. No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL RECEIPT

5985 1566 8000 0411 9002

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	

James E. Logan Oil Corp.
1455 Yarmouth
Boulder, CO 80304
82762-0128 Klein 7H

ALBUQUERQUE, NM 10/27/2016
Mark Here

MODRALL SPERLING

Modrall Sperling
c/o H. Harris & Sisk, P.A.
PO Box 2168
Albuquerque, NM
87103-2168

7008 1140 0003 9351 5865

Hasler FIRST-CLASS MAIL
10/27/2016
US POSTAGE \$06.46

ZIP 87102
011D11630480

JA
ANK

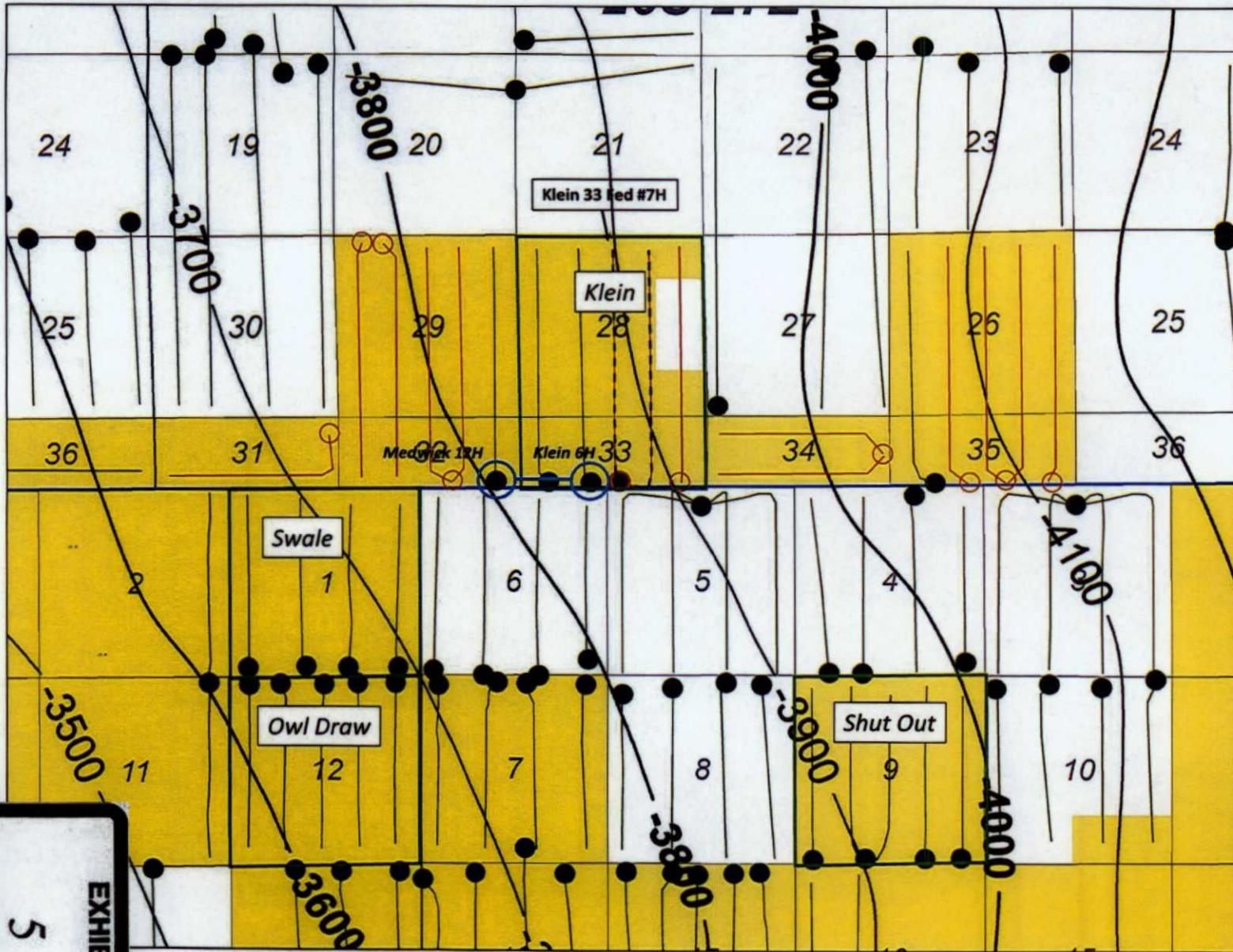
James E. Logan Oil Corp.
1455 Yarmouth
Boulder, CO 80304

RECEIVED
NOV 18 2016

NXTS 208 SE 1 0811/25/16

RETURN TO SENDER
INSUFFICIENT ADDRESS
UNABLE TO FORWARD

80304-437199 EC: 87103216868 *0668-04880-27-38



2nd Bone Spring
Laterals Only

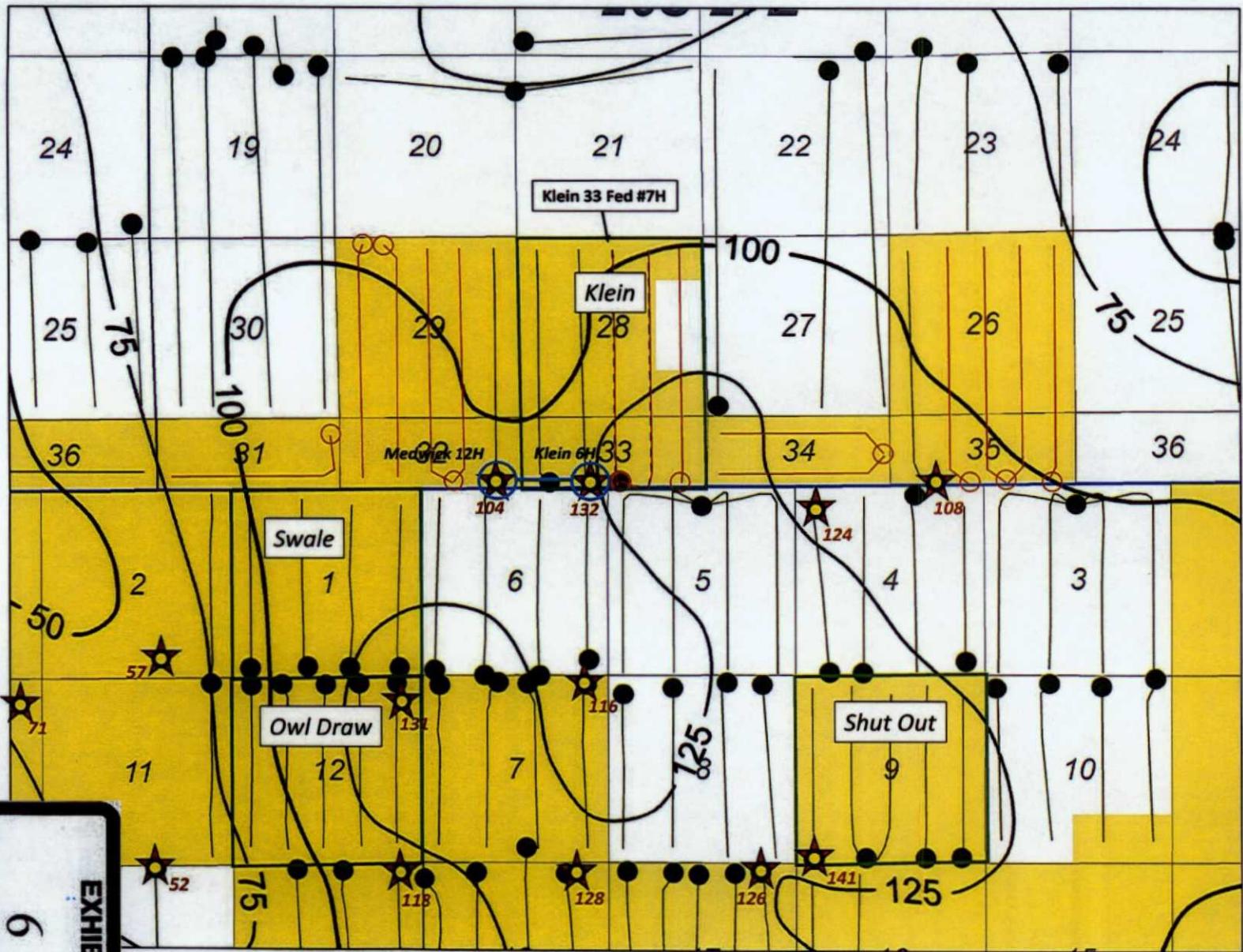
Producing ———
Permitted ———



Second Bone Spring Sandstone
Net Sandstone (>10% dphi(ls)) CI: 25'
Structure - Top Sand
JFB 10/16

1 mile

EXHIBIT
5

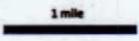


2nd Bone Spring
Laterals Only

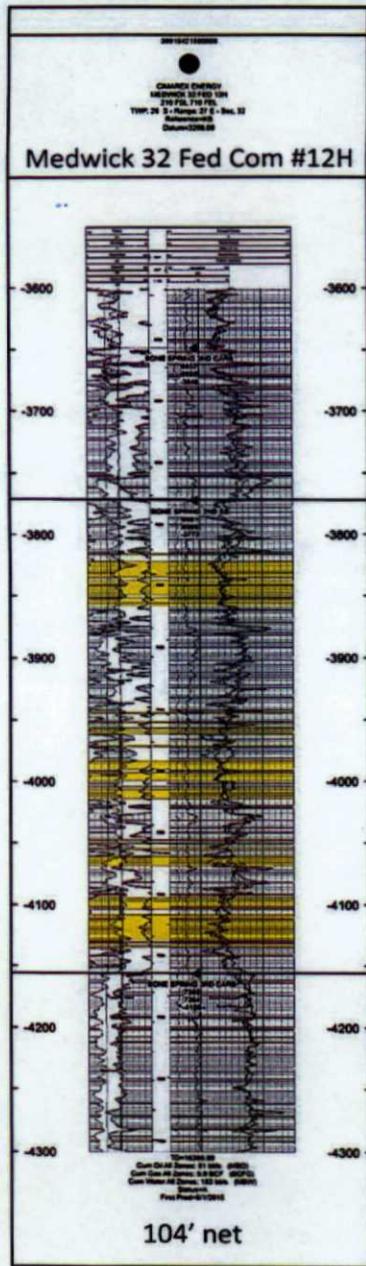
Producing ———
Permitted ———



Second Bone Spring Sandstone
Net Sandstone (>10% dphi(t)) CI: 25'
Structure - Top Sand
JFB 10/16



6
EXHIBIT



Second Bone Spring Sandstone

360'

Third Carbonate

EXHIBIT
7

Second Bone Spring Sandstone
Net Sandstone Highlighted
Porosity > 10% dphi (Is)

410'



Schlumberger

Cactus 148

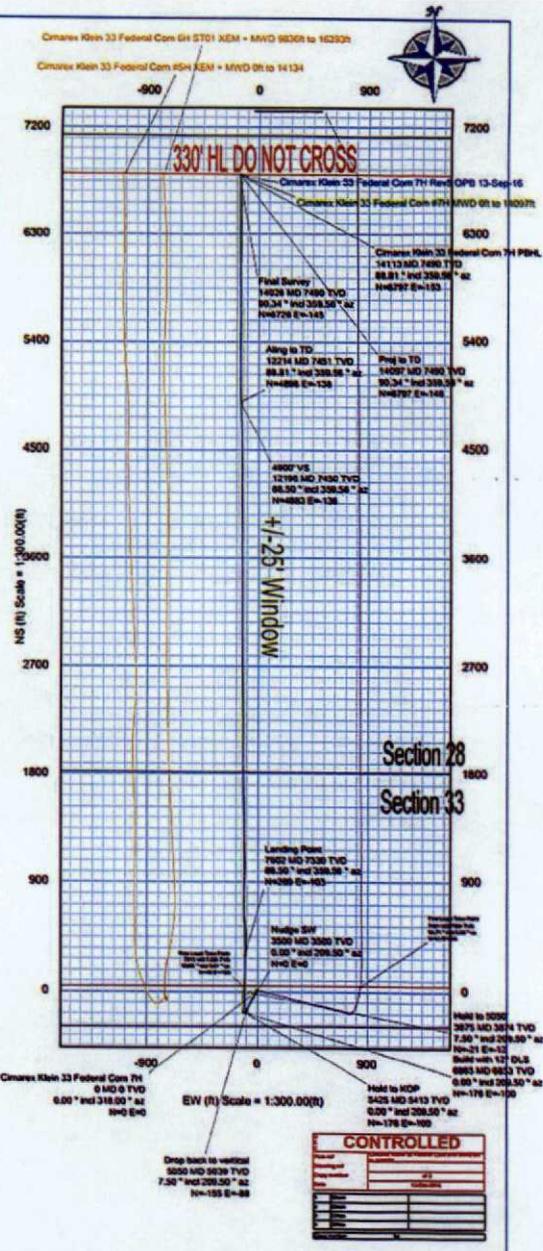
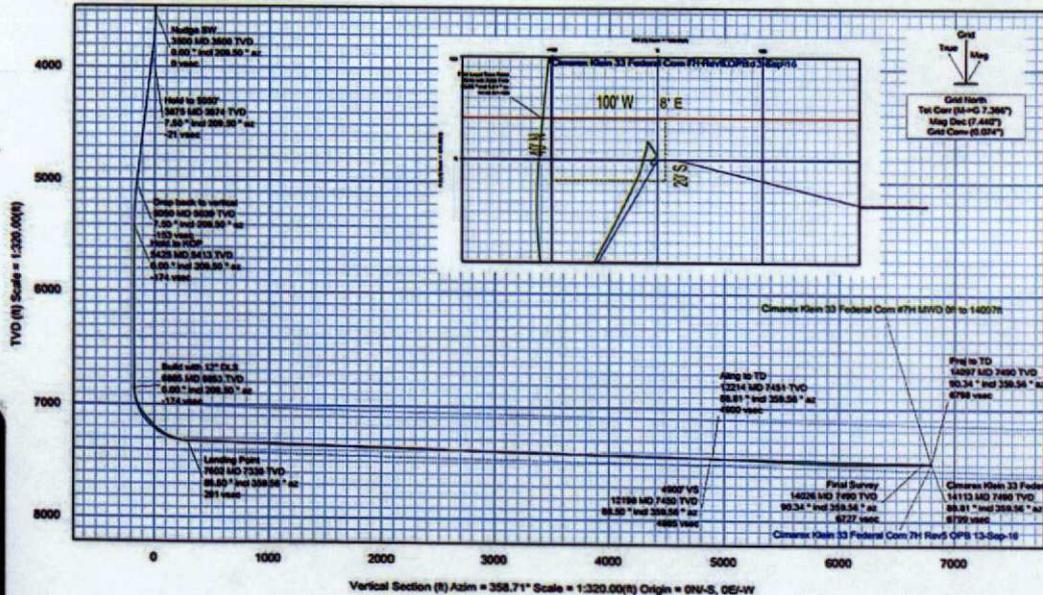
Cimarex

Final PVA

CIMAREX

Borehole: Original Borehole		Well: Cimarex Klein 33 Federal Com #7H	Field: NM Eddy County (NAD 83)	Structure: Cimarex Klein 33 Federal Com #7H
<p>Geology & Reservoir Parameters</p> <p>Well: 30000 2016 Dty: 8L70P Well: 26-Sep-2016 Surface Location: 30000 New Mexico State Plaza, Cimarron, NM 88101</p> <p>Depth: 7.4P FC: 4004.20167 Density PB: 96.428mgp (0.99983 Standard)</p> <p>Lat: N 32 4 2.24 Longitude: 104 50 43.20000 Grid Zone: 18T2P</p> <p>Lat: W 104 11 48.21 Easting: 594733.69900 Grid Point: 6.28991121</p> <p>Orientation: Cimarex Klein 33 Federal Com #7H Well: 30000 2016 (above 30000) Well: 30000 2016 (above 30000) Well: 30000 2016 (above 30000)</p>				

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
SHL Cimarex Klein 33 Federal Com 7H	0.00	0.00	318.00	0.00	0.00	0.00	0.00	
First Legal Take Point	7315.30	53.05	5.61	7233.42	42.39	39.94	-109.11	15.11
Final Survey	14026.00	90.34	359.56	7490.05	6727.38	6725.81	-145.37	0.99
Proj to TD	14097.00	90.34	359.56	7489.62	6798.37	6796.81	-145.91	0.00



8 EXHIBIT

CONTROLLED

Well Name: 30000 2016
 Date: 2016
 Drawn By: [Signature]
 Checked By: [Signature]

Average Cum Oil

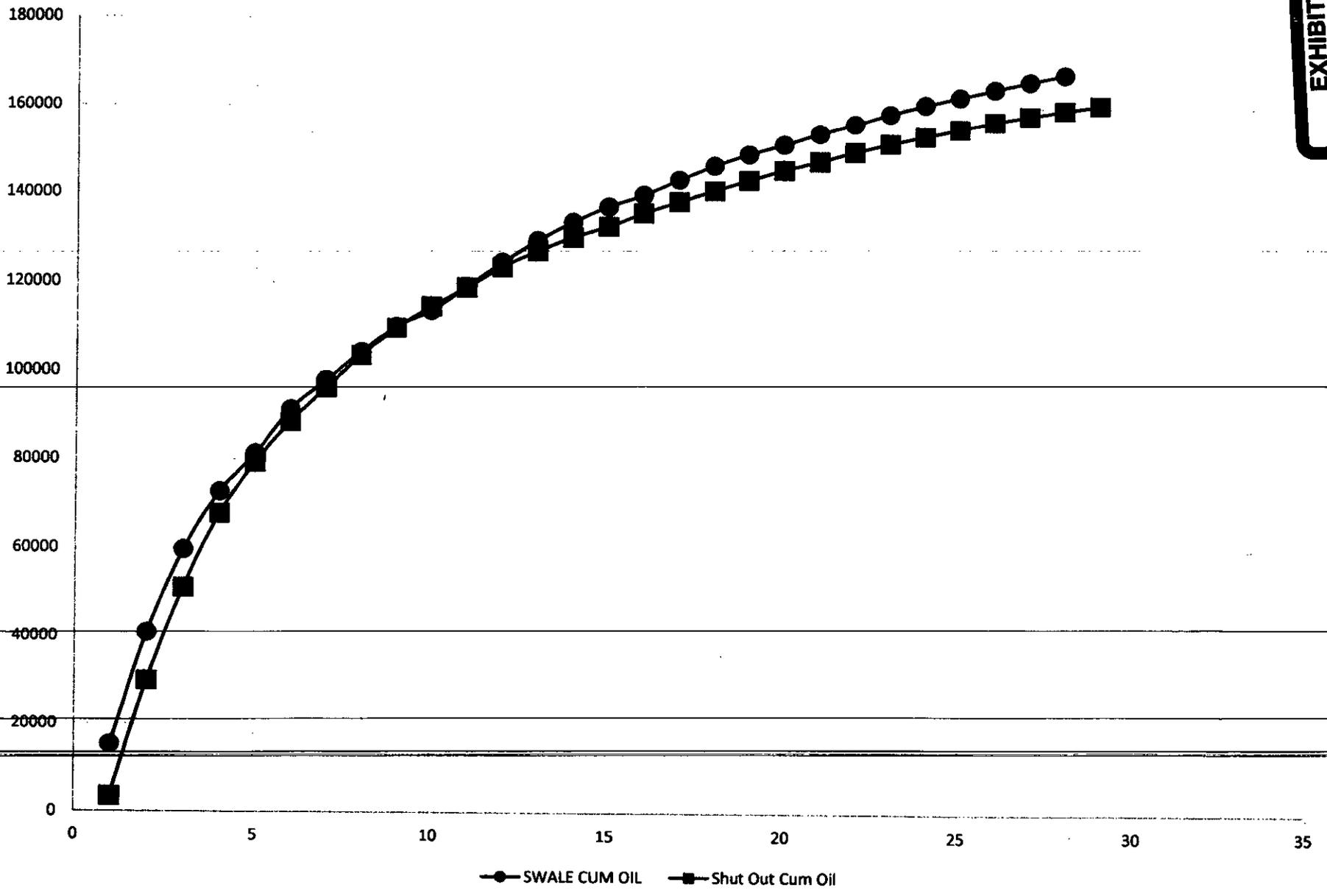


EXHIBIT
9
tabbles