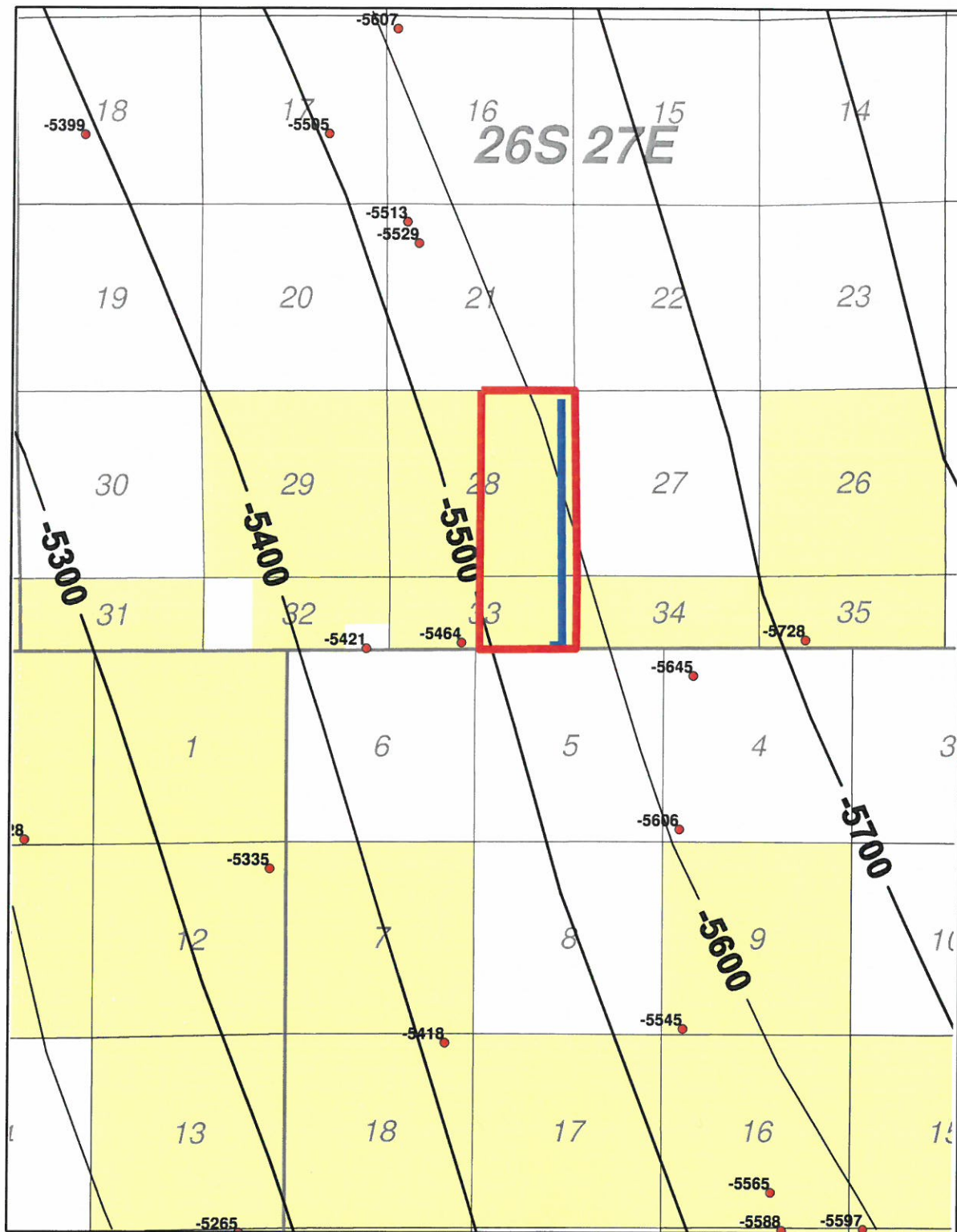




0 1 mi

Cimarex Acreage

Proration Unit

Proposed Klein Fed Com #11H

Wolfcamp Top Structure Data Point

EXHIBIT
tabbles
B.2

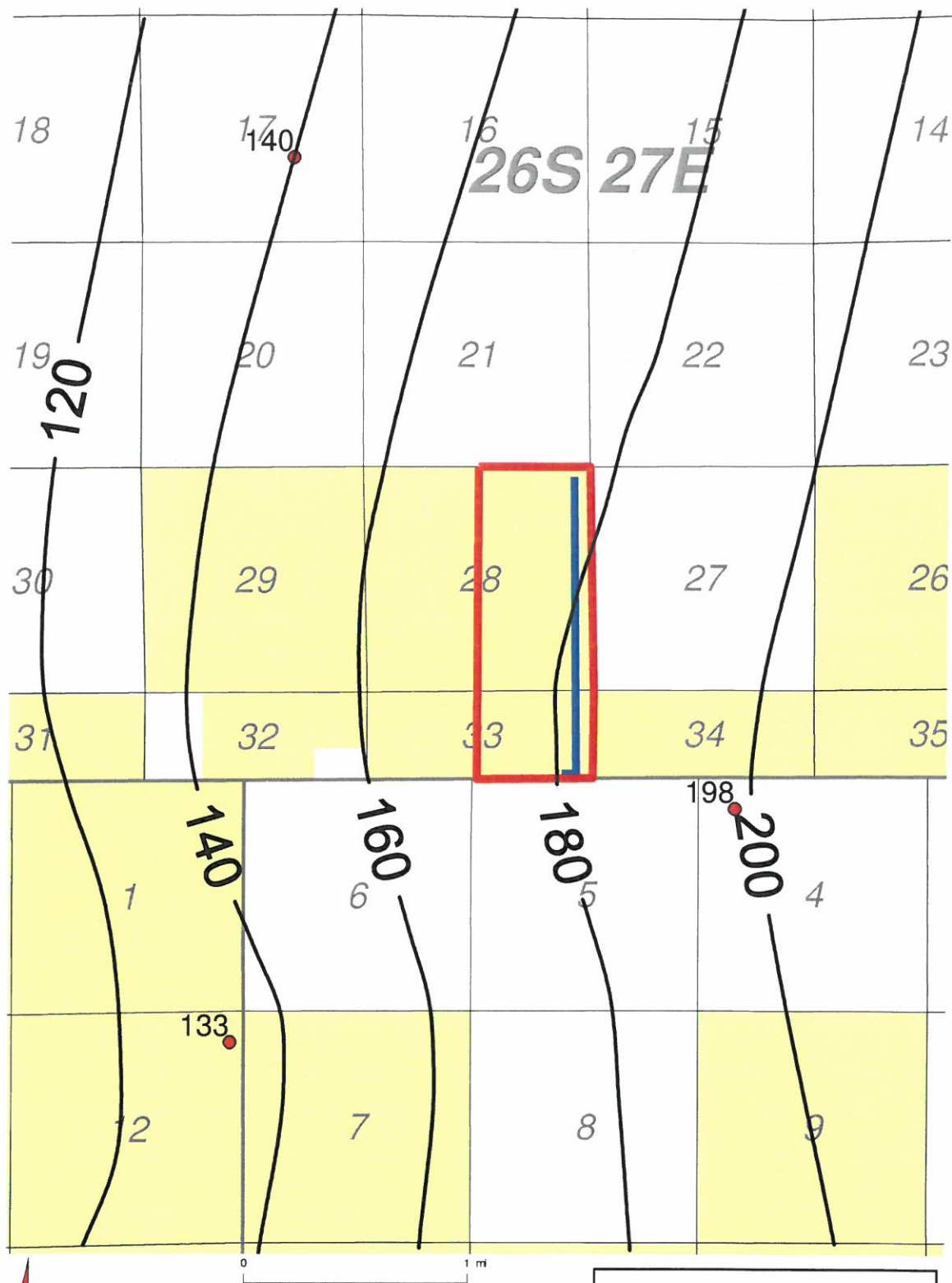
Cimarex Energy Company

Top Wolfcamp Structure Map Subsea
Proposed Klein Fed Com #11H
Eddy Co, NM
NMOCD Hearing 9-5-2019
C.I. = 100'
Wells >= 6500' TVD

Author:
Emily Swanson

Date:
26 August, 2019

Scale:
1:33000



- Cimarex Acreage
- Proposed Klein Fed Com #11H
- Proration Unit
- Wolfcamp Net Shale Data Point

Cimarex Energy Company		
Wolfcamp A Zone Net Shale Map Proposed Klein Fed Com #11H Eddy Co, NM NMOCD Hearing 9-5-2019 C.I. = 20' Wells > = 6500'		
Author:		Date:
Emily Swanson		26 August, 2019
	Scale	
	1:28000	

EXHIBIT
B.3

Cross Section

30015361360000

3.5 miles

42109323270000

2.5 miles

42109323390000

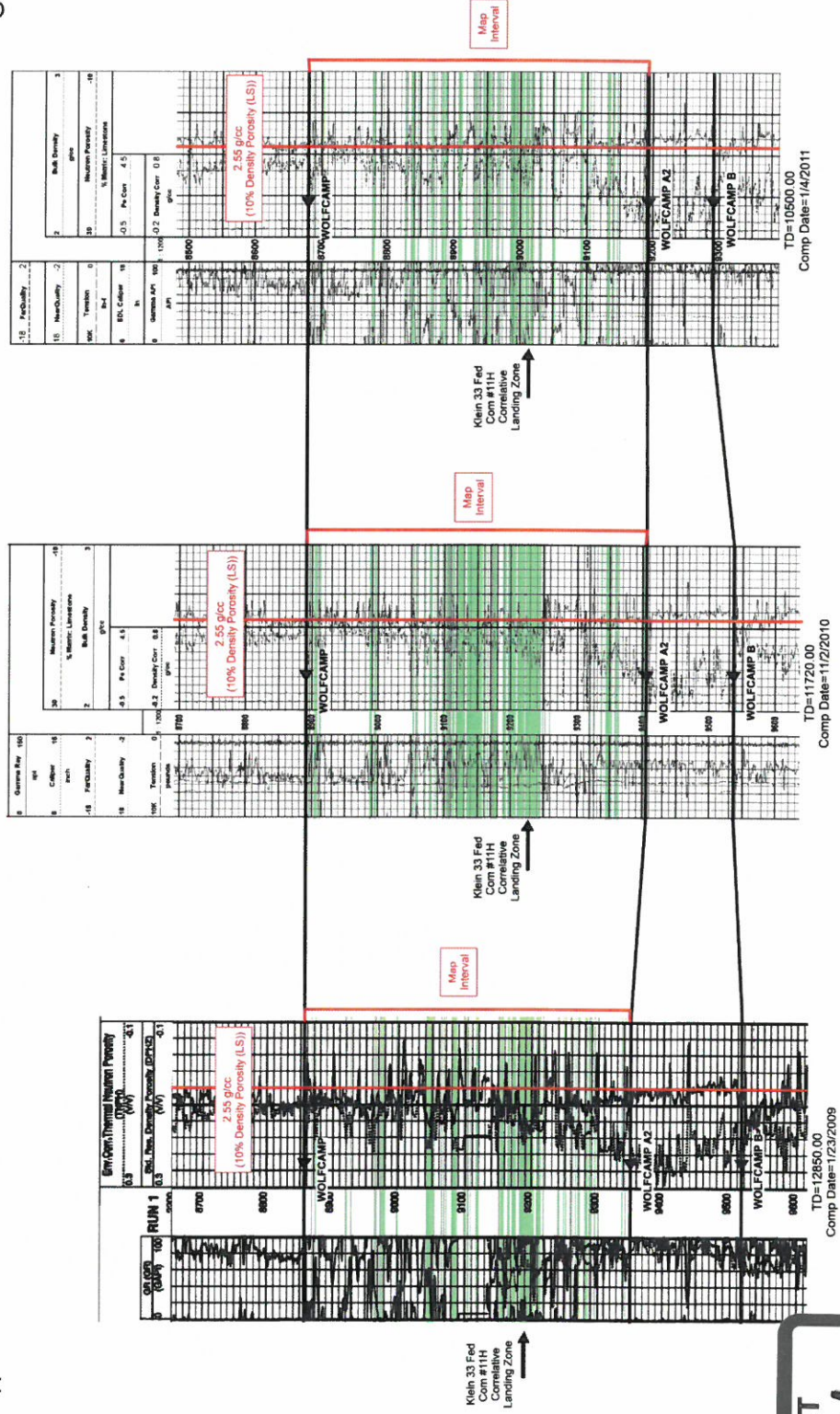
YATES PETROLEUM CORP
BLAST BLA FEDERAL 1
TWP: 26 S - Range: 27 E - Sec. 17
Reference=KB
Datum=3352.00

BLAIR EXPL INC
WISHBONE 1H
- Abs: 4770 - Blk: 59 - Section: 4
Survey: T&P RR CO
Reference=KB
Datum=3248.00

CIMAREX ENERGY
OWL DRAW 12 UNIT 1
750 FNL 467 FEL
- Abs: - Blk: 60 - Section: 12
Survey: T&P
Reference=KB
Datum=3348.00

N

S

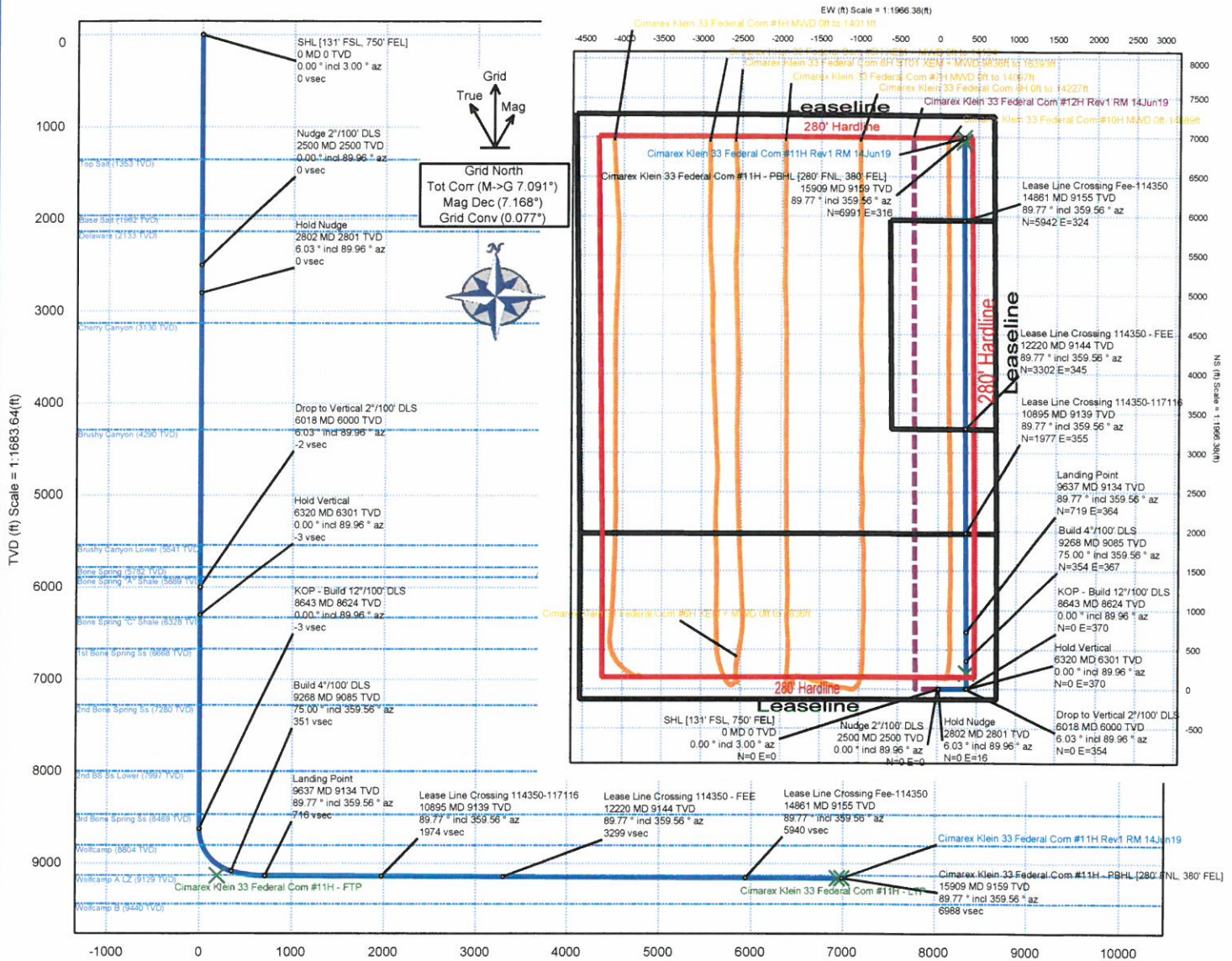


EXHIBIT

B.4

Tables

Borehole: Klein 33 Federal Com #11H	Well: Klein 33 Federal Com #11H	Field: NM Eddy County (NAD 83)	Structure: Cimarex Klein 33 Federal Com #11H
Gravity & Magnetic Parameters Model: HDGM 2019 Dip: 59.58° Date: 17-Jun-2019 Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet MagDec: 7.168° FS: 47744.027nT Gravity FS: 998.431mgn (9.80665 Based) Lat: N 32 0 1.35 Northings: 363905.6HUS Grid Conv: 0.0767° Plan: Cimarex Klein 33 Federal Com #11H Rev1 RM 14Jun19 Slot: New Slot TVD Ref: RKB(3239.3ft above MSL)			



Vertical Section (ft) Azim = 359.56° Scale = 1:1683.64(ft) Origin = 0N/-S, 0E/-W

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
SHL [131° FSL, 750° FEL]	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00
Top Salt	1353.00	0.00	89.96	1353.00	0.00	0.00	0.00	0.00
Base Salt	1962.00	0.00	89.96	1962.00	0.00	0.00	0.00	0.00
Delaware	2133.00	0.00	89.96	2133.00	0.00	0.00	0.00	0.00
Nudge 2°/100' DLS	2500.00	0.00	89.96	2500.00	0.00	0.00	0.00	0.00
Hold Nudge	2801.75	6.03	89.96	2801.19	-0.11	0.01	15.88	2.00
Cherry Canyon	3132.39	6.03	89.96	3130.00	-0.36	0.03	50.64	0.00
Brushy Canyon	4298.85	6.03	89.96	4290.00	-1.22	0.11	173.27	0.00
Brushy Canyon Lower	5556.83	6.03	89.96	5541.00	-2.15	0.19	305.53	0.00
Bone Spring	5799.17	6.03	89.96	5782.00	-2.33	0.21	331.01	0.00
Bone Spring "A" Shale	5906.77	6.03	89.96	5889.00	-2.41	0.22	342.32	0.00
Drop to Vertical 2°/100' DLS	6018.38	6.03	89.96	6000.00	-2.49	0.22	354.06	0.00
Hold Vertical	6320.13	0.00	89.96	6301.19	-2.60	0.23	369.93	2.00
Bone Spring "C" Shale	6346.94	0.00	89.96	6328.00	-2.60	0.23	369.93	0.00
1st Bone Spring Ss	6686.94	0.00	89.96	6668.00	-2.60	0.23	369.93	0.00
2nd Bone Spring Ss	7298.94	0.00	89.96	7280.00	-2.60	0.23	369.93	0.00
2nd BS Ss Lower	8015.94	0.00	89.96	7997.00	-2.60	0.23	369.93	0.00
3rd Bone Spring Ss	8487.94	0.00	89.96	8469.00	-2.60	0.23	369.93	0.00
KOP - Build 12°/100' DLS	8642.95	0.00	89.96	8624.01	-2.60	0.23	369.93	0.00
Wolfcamp	8827.50	22.15	359.56	8804.00	32.62	35.46	369.66	12.00
Build 4°/100' DLS	9267.95	75.00	359.56	9065.20	351.29	354.11	367.22	12.00
Wolfcamp A/LZ	9523.10	95.21	359.56	9129.00	602.30	605.12	365.30	4.00
Landing Point	9637.24	89.77	359.56	9134.00	716.31	719.12	364.42	0.00
Lease Line Crossing 114350-117116	10895.00	89.77	359.56	9139.01	1974.06	1976.83	354.79	0.00
Lease Line Crossing 114350 - FEE	12220.00	89.77	359.56	9144.29	3299.05	3301.78	344.63	0.00
Lease Line Crossing Fee-114350	14860.50	89.77	359.56	9154.82	5939.53	5942.19	324.40	0.00
Cimarex Klein 33 Federal Com #11H - PBHL [280° FNL, 380° FEL]	15909.18	89.77	359.56	9159.00	6988.19	6990.82	316.37	0.00
Wolfcamp	NaN	NaN	NaN	9440.00				

EXHIBIT

B-5

tabbles

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

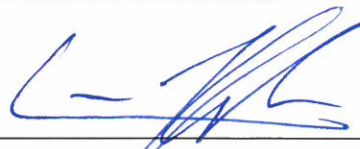
**APPLICATION OF CIMAREX
ENERGY CO. FOR COMPULSORY
POOLING, EDDY COUNTY,
NEW MEXICO**

CASE NO. 20745

AFFIDAVIT

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

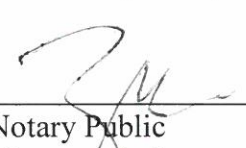
Lance D. Hough, attorney in fact and authorized representative of Cimarex Energy Co., the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application was provided under the notice letters, and that proof of mailing, receipts of mailings, and publication are attached hereto. Cimarex Energy Co. has conducted a good faith, diligent effort to find the names and correct addresses for the interest owners entitled to receive notice of the application filed herein, and provide notice to each at their last known address.



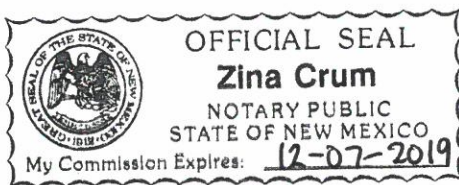
Lance D. Hough

SUBSCRIBED AND SWORN to before me this 4th day of September 2019 by Lance D. Hough.

S E A L



Notary Public
My commission expires: 12-07-2019



Zina Crum
Modrall Sperling
500 4th Street NW
Suite 1000
Albuquerque NM 87102

PS Form 3877
Type of Mailing: CERTIFIED MAIL
08/13/2019



Firm Mailing Book ID: 172484

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0062 1012 37	Chevron U.S.A. Inc. Attn: Kristen Hunter 6301 Deauville Blvd Midland TX 79706	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
2	9314 8699 0430 0062 1012 44	XTO Energy, Inc. 22777 Springwood Village Pkwy Spring TX 77389	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
3	9314 8699 0430 0062 1012 51	Nearbug Exploration Company, LLC P.O. Box 823085 Dallas TX 75382	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
4	9314 8699 0430 0062 1012 68	Tuffy Oil Company P.O. Box 3178 Ketchum ID 83340	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
5	9314 8699 0430 0062 1012 75	Blair Seaton Crooke P.O. Box 121 Albuquerque NM 87103	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
6	9314 8699 0430 0062 1012 82	Premier Oil & Gas, Inc. P.O. Box, 1246 Artesia NM 88211	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
7	9314 8699 0430 0062 1012 99	Premier Oil & Gas, Inc. 422 W. Main St. Artesia NM 88211	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
8	9314 8699 0430 0062 1013 05	Blackstone Minerals Company, LP 1001 Fannin, Suite 2020 Houston TX 77002	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
9	9314 8699 0430 0062 1013 12	Matagorda B1, LP 1001 Fannin, Suite 2020 Houston TX 77002	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
10	9314 8699 0430 0062 1013 29	Bellomy Exploration, LLC 1700 Pacific Ave., Suite 2220 Dallas TX 75201	\$1.30	\$3.50	\$1.60	\$0.00	82762-0128 Klein Notice
Totals:			\$13.00	\$35.00	\$16.00	\$0.00	
Grand Total:						\$64.00	

List Number of Pieces
Listed by Sender

Total Number of Pieces
Received at Post Office

Postmaster:

Name of receiving employee

Dated:

Klein

Transaction Report Details - CertifiedPro.net
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 Generated: 9/4/2019 7:58:28 AM

USPS Article Number	Date Created	Name 1	Name 2	Address	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
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9314869904300062101312	2019-08-13 10:34 AM	Matagorda B1, LP		1001 Fannin, Suite 2020	Houston	TX	77002	To be Returned	Return Receipt - Electronic, Certified Mail	
9314869904300062101305	2019-08-13 10:34 AM	Blackstone Minerals Company, LP		1001 Fannin, Suite 2020	Houston	TX	77002	To be Returned	Return Receipt - Electronic, Certified Mail	
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9314869904300062101251	2019-08-13 10:34 AM	Nearbug Exploration Company, LLC		P.O. Box 823085	Dallas	TX	75382	Delivered	Return Receipt - Electronic, Certified Mail	08-15-2019
9314869904300062101244	2019-08-13 10:34 AM	XTO Energy, Inc.		22777 Springwood Village Pkwy	Spring	TX	77389	Delivered	Return Receipt - Electronic, Certified Mail	08-19-2019
9314869904300062101237	2019-08-13 10:34 AM	Chevron U.S.A. Inc.	Att: Kristen Hunter	6301 Deauville Blvd	Midland	TX	79706	Delivered	Return Receipt - Electronic, Certified Mail	08-16-2019

7017 2400 0000 5766 7163

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6122 T2E

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08/13/2019

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SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
■ Attach this card to the back of the mailpiece, so that we can return the card to you.
■ Print your name and address on the reverse of Complete items 1, 2, and 3.

2. Article Number (Transfer from service label)
9590 9402 3705 7335 1211 31

3. Service Type
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
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4. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

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C. Date of Delivery _____

COMPLETE THIS SECTION ON DELIVERY

A. Signature _____
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B. Received by (Printed Name) _____
C. Date of Delivery _____
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Domestic Return Receipt
PS Form 3811, July 2015 PSN 7530-02-000-9053



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Calgary, Alberta, Canada T2P 3V7

Petrorep Resources, Ltd.
c/o Taurus Exploration Canada, Ltd
1000, 630 - 6th Ave. SW,
Calgary, Alberta, Canada T2P 3V7

RTN TO SENDER

CARLSBAD CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

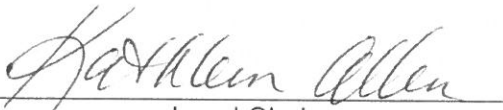
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500 4TH ST NW STE 1000

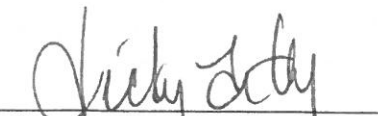
ALBUQUERQUE NM 87102

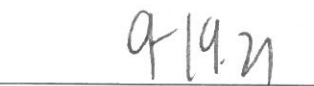
I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

08/21/19


Legal Clerk

Subscribed and sworn before me this
21st of August 2019.


State of WI, County of Brown
NOTARY PUBLIC


My Commission Expires

CASENO. 20745: Notice to all affected parties, as well as their heirs and devisees, of **CHEVRON U.S.A. INC., XTO ENERGY INC., NEARBUCK EXPLORATION COMPANY, LLC, TUFFY OIL COMPANY, BLAIR SEATON CROOKE, PREMIER OIL & GAS, INC., PETROBRAS RESOURCES LTD., COREXCAL, BLACKSTONE MINERALS COMPANY, LP, MTAGORDA B1, LP, and BELLOMY EXPLORATION, LLC of Cimarex Energy Co.'s Application for compulsory pooling, Eddy County, New Mexico.** The State of New Mexico through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on **September 5, 2019** to consider this application. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 446.91-acre, more or less, Wolfcamp horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Wolfcamp horizontal spacing unit underlying the E/2 of Section 28 and the E/2 of Irregular Section 33, Township 26 South, Range 27 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the **Klein 33 Federal Com 11H well**, to be horizontally drilled. The producing area for this well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Cimarex as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 19 miles southwest of Loving, New Mexico.

Pub: August 21, 2019 #1294403

