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640	NetAcres	%
W2-20/29		
MOC	279.750230	43.7109
Fasken	81.527534	12.7387
PrimeRock	160.000000	25.0000
MRC	48.003153	7.5005
Mazel	3.430887	0.5361
Paladin	3.552486	0.5551
Redmon	1.172319	0.1832
Sheridan	2.380167	0.3719
Finwing	45.137418	7.0527
Devon	15.045806	2.3509
Total	640.000000	100.0000

1.5926/15971 EXH. #2

	1		21:0400
Company	Date	Correspondence	חפומווא
		Туре	
Mazel Oil & Gas Company	1/17/2018	d Letter	Well proposal
	1/29/2018 Email		Title questions
	2/1/2018		Title questions
	2/27/2018		Follow Up
	2/28/2018 Email		Follow Up

15926 [1597] Exx. #3 Menbour

#### MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020 Midland, Texas 79701 Phone (432) 682-3715 Fax (432) 685-4170

January 17, 2018

Via Overnight Mail
Mazel Oil & Gas Company
300 Medina Street
Austin, Texas 78702-3841

Re:

Caper 20/29 B2CN Fed Com #1H

Section 20 and 29, Township 21 South, Range 32 East

Lea County, New Mexico

#### Ladies and Gentlemen:

Mewbourne Oil Company, as Operator, hereby proposes to form a 1,280.00 acre Working Interest Unit ("WIU") covering all of Section 20 and 29, Township 21 South, Range 32 East, Lea County, New Mexico.

In conjunction with formation of the WIU, Mewbourne proposes to drill the Caper 20/29 B2CN Federal Com #1H well, having a Surface Location (SL) of 360' FSL, 2000' FWL of Section 17 (available drilling island), and a Bottom Hole Location (BHL) of 330' FSL, 1980' FWL of Section 29. The proposed well will be drilled to a Total Vertical Depth ("TVD") of approximately 10,504 feet subsurface and a Total Measured Depth ("TMD") of 20,795 feet to evaluate the Second Bone Spring Sand formation for oil production. The E/2W/2 of Section 20 and the E/2W/2 of Section 29 will be dedicated to the well as the pooled oil proration unit and project area.

Enclosed for your review and further handling is an AFE, dated June 13, 2017, for this well along with Form C-102, Well Location Plat. In the event you elect to participate, please execute the enclosed AFE and return to the undersigned within thirty (30) days, our proposed Operating Agreement is also enclosed for your review and execution.

Should you have any questions regarding the above, please email me at <u>ajimenez@mewbourne.com</u> or call me at (432) 682-3715.

Very truly yours,

MEWBOURNE OIL COMPANY

Adriana Jimenez Associate Landman

Enclosures

## MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Common Page 1700 Com #414	Can	er Prospect	ers Camera Andrews	***************************************
		El Prospect	Para Santa Caralla	ST NM
	ilijity. <mark>Lea</mark>		Company of the Company	
Stor. 17 Bits Success 21s	FNG 3	2E Propertive	10504'	20795' 🥙
INTANGIBLE COSTS 0180	CODE	TCP	CODE	cc
Regulatory Permits & Surveys	0180-0100		0180-0200	
Location / Road / Site / Preparation	0180-0105		0180-0205	\$25,000
Location / Restoration	0180-0106		0180-0206 0180-0210	\$15,000 \$81,000
Daywork / Turnkey / Footage Drilling 28 days drlg / 4 days comp @ \$19,000/d Fuel 1500 gal/day @ \$1.70/gal	0180-0110 0180-0114	\$86,700	0 180-02 10	ΨΟ 1,000
Fuel 1500 gal/day @ \$1.70/gal Mud, Chemical & Additives	0180-0120		0180-0220	
Horizontal Drillout Services			0180-0222	\$150,000
Cementing	0180-0125	\$60,000	0180-0225	\$30,000
Logging & Wireline Services	0180-0130		0180-0230	\$320,000
Casing / Tubing / Snubbing Service	0180-0134		0180-0234	\$60,000
Mud Logging	0180-0137	\$25,000	0180-0241	\$3,721,000
Stimulation 52 Stg 20.3 MM gal x 20.3 MM # Stimulation Rentals & Other			0180-0241	\$150,000
Water & Other	0180-0145	\$40,000	0180-0245	\$720,000
Bits	0180-0148		0180-0248	\$4,000
Inspection & Repair Services	0180-0150		0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$5,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig 3 days @ \$3500/day Run Tbg	0180-0164	\$160,000	0180-0260	\$10,500
Rig Mobilization	0180-0165		0180-0265	\$12,000
Transportation Welding Services	0180-0168		0180-0268	\$5,000
Contract Services & Supervision	0180-0170	+ 4 1 2 2 2	0180-0270	\$42,000
Directional Services Includes Vertical control	0180-0175	\$160,000		
Equipment Rental	0180-0180		0180-0280	\$40,000
Well / Lease Legal	0180-0184		0180-0284	
Well / Lease Insurance	0180-0185		0180-0285	\$1,000
Intangible Supplies	0180-0188 0180-0190	\$8,000	0180-0288 0180-0290	\$1,000
Damages Power Second	0180-0190		0180-0292	\$30,000
ROW & Easements Pipeline Interconnect	0100-0132		0180-0293	<b>400,000</b>
Company Supervision	0180-0195	\$140,000	0180-0295	\$115,000
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment	0180-0198		0180-0298	
Contingencies 10% (TCP) 10% (CC)	0180-0199		0180-0299	\$559,200
TOTAL		\$2,339,600		\$6,150,700
TANGIBLE COSTS 0181	0404 0703			
Casing (19.1" - 30")  Casing (10.1" - 19.0") 1006' - 13 3/8" 54.5# J-55 ST&C @ \$34.63/ft	0181-0793 0181-0794	\$37,100		
Casing (8.1" - 10.0") 3926' - 9 5/8" 40# N-80/HCL-80 LT&C @ \$25.00/ft	0181-0795	\$104,300		
Casing (6.1" - 8.0") 10657' - 7" 29# P-110 LT&C @ \$21.21/ft	0181-0796	\$240,200	(	
Casing (4.1" - 6.0") 10874' - 4 1/2" 13.5# P-110 BPN @ \$13.45/ft			0181-0797	\$155,400
Tubing (2" - 4") 9870' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.53/ft	0454.55	A (2.222	0181-0798	\$47,600
Drilling Head	0181-0860	\$40,000		\$20,000
Tubing Head & Upper Section 10k Frac valve and tree Horizontal Completion Tools			0181-0870 0181-0871	\$20,000 \$44,000
Sucker Rods			0181-0875	Ψ++,000
Subsurface Equipment			0181-0880	***************************************
Artificial Lift Systems			0181-0884	\$10,000
Pumping Unit			0181-0885	
Surface Pumps & Prime Movers VRU & SWD transfer pump			0181-0886	\$60,000
Tanks - Oil 3- 750 bbl	<u></u>		0181-0890	\$40,000
Tanks - Water 3-750 bbl  Separation / Tractice Equipment 36"v16'v1000# 3 pb 8 30"v10'v10'00# 3 pb / GR	<b></b>	<del></del>	0181-0891	\$50,000 \$45,000
Separation / Treating Equipment 36"x15'x1000# 3 ph & 30"x10'x1000# 3 ph/ GB Heater Treaters, Line Heaters 6'x20'x75# HT			0181-0895 0181-0897	\$45,000 \$15,000
Metering Equipment			0181-0898	\$14,000
Line Pipe & Valves - Gathering 4" Steel / 4 Miles 8" Poly			0181-0900	\$300,000
Fittings / Valves & Accessories			0181-0906	\$65,000
Cathodic Protection			0181-0908	\$65,000
Electrical Installation	11	1	0000 181	ቂ7ድ ሰሰሰ

#### **Adriana Jimenez**

From:

TrackingUpdates@fedex.com

Sent:

Thursday, January 18, 2018 3:08 PM

To:

Adriana Jimenez

**Subject:** 

FedEx Shipment 771241292200 Delivered

# Your package has been delivered

Tracking # 771241292200

Ship date:

Wed, 1/17/2018

Adriana Jimenez

Mewbourne Oil Company Midland, TX 79701

US



Delivery date:

Thu, 1/18/2018 3:05 pm

Mazel Oil & Gas Company

300 Medina St

AUSTIN, TX 78702

US



#### **Shipment Facts**

Our records indicate that the following package has been delivered.

Tracking number:

771241292200

Status:

Delivered: 01/18/2018 3:05

PM Signed for By:

W.WOODARD

Reference:

Caper 20/29 B2CN #1H

Signed for by:

W.WOODARD

**Delivery location:** 

AUSTIN, TX

Delivered to:

Receptionist/Front Desk

Service type:

FedEx Standard Overnight

Packaging type:

FedEx Envelope

Number of pieces:

1

Weight:

2.00 lb.

Special handling/Services:

Deliver Weekday

Standard transit:

1/18/2018 by 3:00 pm

This tracking update has been requested by:



Company name:	Mewbourne Oil Company
Name:	Adriana Jimenez

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 3:07 PM CST on 01/18/2018.

akirksey@mewbourne.com

All weights are estimated.

Email:

To track the latest status of your shipment, click on the tracking number above.

This tracking update has been sent to you by FedEx on behalf of the Requestor <a href="mailto:akirksey@mewbourne.com">akirksey@mewbourne.com</a>. FedEx does not validate the authenticity of the requestor and does not validate, guarantee or warrant the authenticity of the request, the requestor's message, or the accuracy of this tracking update.

Standard transit is the date and time the package is scheduled to be delivered by, based on the selected service, destination and ship date. Limitations and exceptions may apply. Please see the FedEx Service Guide for terms and conditions of service, including the FedEx Money-Back Guarantee, or contact your FedEx Customer Support representative.

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Thank you for your business.

#### **Adriana Jimenez**

From:

Lauren Shapiro < lashapiro@dgclaw.com>

Sent:

Wednesday, February 28, 2018 9:28 AM

To:

Adriana Jimenez

Subject:

Re: Mazel Oil & Gas Company, Caper 20/29 B2Cn Fed Com #1H

Follow Up Flag:

Follow up

Flag Status:

Flagged

As soon as we close, I will forward their information to you. We hope to close in 2-3 weeks. Thanks.

Sent from my iPhone

On Feb 28, 2018, at 9:08 AM, Adriana Jimenez <a i imenez@mewbourne.com > wrote:

Lauren,

Thanks for your response. Could you possibly forward recorded documentation of the sale of Mazel's interest as soon as possible? We would like to forward our AFE/JOA to the new owners promptly, as we prepare to drill the Caper well soon.

Thanks,

Adriana Jimenez Land Department

<image001.png>
500 West Texas Ave, Suite 1020
Midland TX 79701-4279

PH: 432-682-3715 FX: 432-685-4170

From: Lauren Shapiro [mailto:lashapiro@dgclaw.com]

Sent: Tuesday, February 27, 2018 7:02 PM

To: Adriana Jimenez

Subject: RE: Mazel Oil & Gas Company, Caper 20/29 B2Cn Fed Com #1H

Hi Adriana-

I'm so sorry I've neglected to follow up with you. The partners have actually received an offer to purchase their interests, which they have accepted.

Thanks-Lauren

Lauren Shapiro

Licensed in Texas and New Mexico

Davis, Gerald & Cremer, PC

300 W. 6<sup>th</sup> Street

Suite 1830

Austin, Texas 78701

Office Phone: (512)493-9604

Fax: (512)493-9625

Cell Phone: (512) 656-1116

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From: Adriana Jimenez [mailto:ajimenez@mewbourne.com]

**Sent:** Tuesday, February 27, 2018 3:08 PM **To:** Lauren Shapiro <a href="mailto:lashapiro@dgclaw.com">lashapiro@dgclaw.com</a>

Subject: RE: Mazel Oil & Gas Company, Caper 20/29 B2Cn Fed Com #1H

Hello Lauren,

I am following up with you in regards to our previous email correspondence referencing the offer to purchase we submitted to you. Do you have any questions for us or have your partners had a chance to review the offer?

Thanks,

# Adriana Jimenez Land Department

<image001.png> 500 West Texas Ave, Suite 1020 Midland TX 79701-4279

PH: 432-682-3715 FX: 432-685-4170

From: Lauren Shapiro [mailto:lashapiro@dgclaw.com]

Sent: Thursday, February 01, 2018 10:31 AM

To: Adriana Jimenez

Subject: RE: Mazel Oil & Gas Company, Caper 20/29 B2Cn Fed Com #1H

#### Hi Adriana,

Thank you so much for your response. We are familiar with our ownership in the Bilbrey Operating Unit, based upon the Operating Agreement dated June 1, 1980. I have a copy of the Operating Agreement. Mazel's interest in the operating agreement is based upon its 25% interest in State of New Mexico Lease B-399, insofar as it covers the SW/4 SE/4 of Section 32, T21S, R32E. Thank you for responding with an offer to purchase. I will take it to the successors-of-interest to the partnership for their review.

Thanks-Lauren

Lauren Shapiro
Licensed in Texas and New Mexico
Davis, Gerald & Cremer, PC

300 W. 6<sup>th</sup> Street Suite 1830

Austin, Texas 78701

Office Phone: (512)493-9604

Fax: (512)493-9625

Cell Phone: (512) 656-1116

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From: Adriana Jimenez [mailto:ajimenez@mewbourne.com]

**Sent:** Thursday, February 1, 2018 9:23 AM **To:** Lauren Shapiro <a href="mailto:lashapiro@dgclaw.com">lashapiro@dgclaw.com</a>

Subject: RE: Mazel Oil & Gas Company, Caper 20/29 B2Cn Fed Com #1H

Hello Lauren,

The Mazel interest in Section 29 is a contractual interest as stated in the Bilbrey WIU Operating Agreement dated June 1,  $1980 (1.25084\% \times 640 \text{ acres} = 8.0054 \text{ net acres})$ . I can provide a copy should you need one for your files.

Mewbourne Oil Company can offer you for the Mazel interest in Section 29, Mazel to deliver their full working interest and net revenue within the section.

This offer is subject to title verification and a mutually agreeable form of assignment. A completed drilling opinion is expected in our office any day now. Let me know if you have further questions, or if this is acceptable, I'll draw up the papers.

Thanks,

#### Adriana Jimenez Land Department

<image001.png>
500 West Texas Ave, Suite 1020
Midland TX 79701-4279

PH: 432-682-3715 FX: 432-685-4170

From: Lauren Shapiro [mailto:lashapiro@dgclaw.com]

**Sent:** Monday, January 29, 2018 11:14 AM

To: Adriana Jimenez

Subject: Mazel Oil & Gas Company, Caper 20/29 B2Cn Fed Com #1H

#### Hi Adriana-

My name is Lauren Shapiro. I am an attorney with Davis, Gerald & Cremer in Midland. Mazel Oil & Gas Company is an entity that was owned by my grandfather and family. I received the Letter dated January 17, 2018 containing the AFE and Operating Agreement for the Caper 20/29 B2CN Fed Com #1H Well.

I've been assisting my family in trying to dispose of the assets of Mazel Oil & Gas Company, as all of the original partners of this entity are deceased and it is not actively engaged in the oil and gas business. In reviewing the files my grandfather maintained for this entity, I never came across any documents showing that Mazel Oil & Gas Company owned an interest in any of the Federal Oil and Gas Leases listed in Exhibit A of the Operating Agreement. This is not to say that Mazel doesn't own an interest, only that my grandfather was not a very good record keeper. Could you please furnish me with a copy of the title opinion, or a portion thereof, showing what lease Mazel owns an interest in and what percentage interest they own in that particular lease?

Furthermore, please advise if Mewbourne has any interest in purchasing Mazel's leasehold interest in whatever lease it may own an interest.

Sincerely-Lauren

Lauren Shapiro
Licensed in Texas and New Mexico
Davis, Gerald & Cremer, PC
300 W. 6<sup>th</sup> Street
Suite 1830
Austin, Texas 78701
Office Phone: (512)493-9604

Fax: (512)493-9625

Cell Phone: (512) 656-1116

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Details		proposal	Title questions	questions	Title questions	No election at this time											
Correspondence	Туре												•				
Date	·	9/12/2017	9/26/2017	9/27/2017	10/4/2017 Email	10/10/2017											
Company		Sheridan Holding Company II LLC															

#### MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020 Midland, Texas 79701 Phone (432) 682-3715 Fax (432) 685-4170

September 12, 2017

Certified Mail
Sheridan Holding Company II LLC
9 Greenway Plaza, #1300
Houston, Texas 77046-0922
Attn: Mr. Thomas E. Voytovich

Re: Caper 20/29 B2CN Fed Com #1H

Section 20 and 29, Township 21 South, Range 32 East

Lea County, New Mexico

#### Ladies and Gentlemen:

Mewbourne Oil Company, as Operator, hereby proposes to form a 1,280.00 acre Working Interest Unit ("WIU") covering all of Section 20 and 29, Township 21 South, Range 32 East, Lea County, New Mexico. Our records indicate Sheridan Holding Company II LLC would own 1.475696% of the proposed WIU (derived by virtue of your interest in Federal Lease NMNM 31955).

In conjunction with formation of the WIU, Mewbourne proposes to drill the Caper 20/29 B2CN Federal Com #1H well, having a Surface Location (SL) of 360' FSL, 2000' FWL of Section 17 (available drilling island), and a Bottom Hole Location (BHL) of 330' FSL, 1980' FWL of Section 29. The proposed well will be drilled to a Total Vertical Depth ("TVD") of approximately 10,504 feet subsurface and a Total Measured Depth ("TMD") of 20,795 feet to evaluate the Second Bone Spring Sand formation for oil production. The E/2W/2 of Section 20 and the E/2W/2 of Section 29 will be dedicated to the well as the pooled oil proration unit and project area.

Enclosed for your review and further handling is an AFE, dated June 13, 2017, for this well along with Form C-102, Well Location Plat. In the event you elect to participate, please execute the enclosed AFE and return to the undersigned within thirty (30) days, our proposed Operating Agreement is also enclosed for your review and execution.

Should you have any questions regarding the above, please email me at <u>ajaso@mewbourne.com</u> or call me at (432) 682-3715.

Very truly yours,

MEWBOURNE OIL COMPANY

Adriana Jaso Associate Landman

Enclosures

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

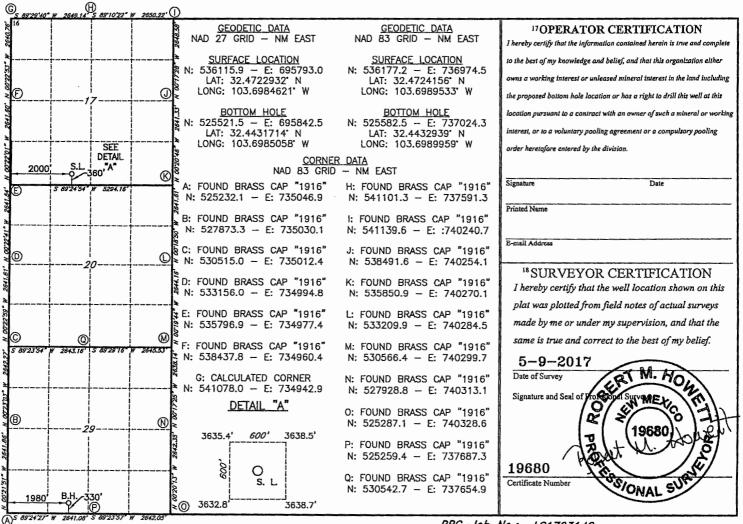
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Numbe	r		<sup>2</sup> Pool Cod	e		3 Pool Na	me		
4Property Co	de		C	APER	20/29 B2C	lame N FEDERAL (	СОМ			6 Well Number 1H
7OGRID	NO.			MEW.	8 Operator N BOURNE OI	l COMPANY			9	Elevation 3637'
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/W	est line	County
N	17	21S	32E		360	SOUTH	2000	WE	ST	LEA
			11 ]	Bottom I	Hole Location	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	line Feet from the		est line	County
N	29	21S	32E		330	SOUTH	1980	WE	ST	LEA
12 Dedicated Acre	s 13 Joint	or Infill 14	Consolidation	Code 15	Order No.					

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



RRC-Job No.: LS1703142

## MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

AUTHORIZATION FOR EXPENSION WANTING Caper 20/29 R2CN FFD Com #1H	ect Car	er Prospect	The Secretary Section (1997)	
Well Native Scape 2012 525 525 525 525 525 525 525 525 525 5	unty: Lea	A THE PART AND A STREET AND A STREET ASSESSMENT.	at grant portraction	ST: NM
ECCAMPAGE OF THE STATE OF THE S		210年12日 2000年 東東北京 1888年		
Sec. 17 Blk. Survey: 21S	RNG: [	32E Prop. TVD	10504	TMD: 20795'
INTANGIBLE COSTS 0180	CODE	ТСР	CODE	CC
Regulatory Permits & Surveys	0180-0100		0180-0200	
ocation / Road / Site / Preparation	0180-0105		0180-0205	\$25,000
ocation / Restoration	0180-0106	<del></del>	0180-0206 0180-0210	\$15,000 \$81,000
Daywork / Turnkey / Footage Drilling 28 days drlg / 4 days comp @ \$19,000/d	0180-0110 0180-0114		0160-0210	φοτ,σσο
Tuel 1500 gal/day @ \$1.70/gal	0180-0114		0180-0220	
Mud, Chemical & Additives	0100 0120	7	0180-0222	\$150,000
Ponzontal Dilliout Services Cementing	0180-0125	\$60,000	0180-0225	\$30,000
Logging & Wireline Services	0180-0130		0180-0230	\$320,000
Casing / Tubing / Snubbing Service	0180-0134		0180-0234	\$60,000
Mud Logging	0180-0137	\$25,000	0180-0241	\$3,721,000
Stimulation 52 Stg 20.3 MM gal x 20.3 MM #	<b></b>		0180-0242	\$150,000
Stimulation Rentals & Other	0180-0145	\$40,000	0180-0245	\$720,000
Water & Other	0180-0148		0180-0248	\$4,000
Bits Inspection & Repair Services	0180-0150		0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	
Completion / Workover Rig 3 days @ \$3500/day Run Tbg	0400 040	\$160,000	0180-0260	\$10,500
Rig Mobilization	0180-0164 0180-0165		0180-0265	\$12,000
Transportation	0180-016		0180-0268	
Welding Services	0180-0170		0180-0270	
Contract Services & Supervision  Directional Services Includes Vertical control	0180-017	\$160,000		
Directional Services Includes Vertical control Equipment Rental	0180-018	\$195,000	0180-0280	
Well / Lease Legal	0180-018		0180-0284	
Well / Lease Insurance	0180-018		0180-0285	
Intangible Supplies	0180-018		0180-0288	
Damages	0180-019		0180-0290	
ROW & Easements	0180-019	2	0180-0292	
Pipeline Interconnect	0180-019	\$140,000	0180-0295	
Company Supervision	0180-019		0180-0296	
Overhead Fixed Rate Well Abandonment	0180-019		0180-0298	3
Contingencies 10% (TCP) 10% (CC)	0180-019	9 \$212,700	0180-0299	
TOTAL		\$2,339,600		\$6,150,70
TANGIBLE COSTS 0181				
Casing (19.1" - 30")	0181-079	3		
Casing (10.1" - 19.0") 1006' - 13 3/8" 54.5# J-55 ST&C @ \$34.63/ft	0181-079		_	
Casing (8.1" - 10.0") 3926' - 9 5/8" 40# N-80/HCL-80 LT&C @ \$25.00/ft	0181-079			
Casing (6.1" - 8.0") 10657' - 7" 29# P-110 LT&C @ \$21.21/ft	0181-079	6 \$240,200	0181-079	7 \$155,40
Casing (4.1" - 6.0") 10874' - 4 1/2" 13.5# P-110 BPN @ \$13.45/ft Tubing (2" - 4") 9870' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.53/ft			0181-079	
	0181-086	0 \$40,000		
Drilling Head Tubing Head & Upper Section 10k Frac valve and tree	1	7	0181-087	0 \$20,0
Horizontal Completion Tools			0181-087	1 \$44,0
Sucker Rods			0181-087	
Subsurface Equipment			0181-088	
Artificial Lift Systems	<b>_</b>		0181-088	
Pumping Unit		<del>                                     </del>	0181-088 0181-088	
Surface Pumps & Prime Movers VRU & SWD transfer pump			0181-089	
Tanks - Oil 3- 750 bbl			0181-089	
Tanks - Water 3-750 bbl Separation / Treating Equipment 36"x15'x1000# 3 ph & 30"x10'x1000# 3 ph/ GB			0181-089	
Heater Treaters, Line Heaters 6'x20'x75# HT	1		0181-089	7 \$15,0
Metering Equipment			0181-089	8 \$14,0
Line Pipe & Valves - Gathering 4" Steel / 4 Miles 8" Poly			0181-090	
Fittings / Valves & Accessories			0181-090	
Cathodic Protection			0181-090	
Electrical Installation	11	1	0404 000	사고 1 마그룹 2

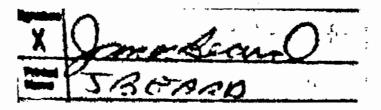


Date: September 15, 2017

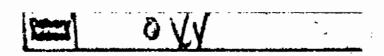
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The following is in response to your September 15, 2017 request for delivery information on your Certified Mail™/RRE item number 9402810699945025572227. The delivery record shows that this item was delivered on September 14, 2017 at 12:18 pm in HOUSTON, TX 77046. The scanned image of the recipient information is provided below.

Signature of Recipient:



Address of Recipient:



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Sincerely, United States Postal Service

> Attn: Thomas E. Voytovich Sheridan Holding Co II LLC 9 GREENWAY PLZ STE 1300 HOUSTON, TX 77046 Reference #: Caper 20/29 B2CN No1H AJ Item ID: Caper 20 29 B2CN No1H

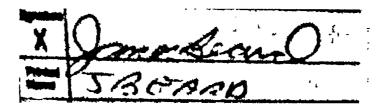


Date: September 15, 2017

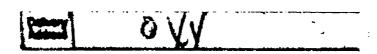
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#### Adriana Jimenez

From:

Adriana Jaso

Sent:

Wednesday, September 27, 2017 3:39 PM

To:

'William Boyd'

Subject:

RE: Caper 20/29 B2CN Proposal

Sounds good, William! Just let me know if you have any questions or when you guys are ready to discuss an offer.

Thanks,

Adriana Jaso Land Department



#### MEWBOURNE OIL COMPANY

500 West Texas Ave, Suite 1020 Midland TX 79701-4279

PH: 432-682-3715 FX: 432-685-4170

From: William Boyd [mailto:wboyd@sheridanproduction.com]

Sent: Wednesday, September 27, 2017 11:29 AM

To: Adriana Jaso

Subject: RE: Caper 20/29 B2CN Proposal

We are still interested in divesting the acreage. Last we spoke about this you guys wanted a specific proposal and we're working on what we think would be our preference. Most likely, divesting will be preferential to participating in the well from our standpoint. We'll let you know when we've got something clearer. Almost forgot, please call me William. No need for Mr. Boyd but thanks for the courtesy!

Thanks,

#### William Boyd

Landman
Sheridan Production Company, LLC
9 Greenway Plaza, Suite 1300
713.548.1135 (Office)
832.691.4322 (Mobile)
Wboyd@sheridanproduction.com (email)

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**From:** Adriana Jaso [mailto:ajaso@mewbourne.com] **Sent:** Wednesday, September 27, 2017 10:37 AM

To: William Boyd

Subject: RE: Caper 20/29 B2CN Proposal

Mr. Boyd,

As per our conversation from Monday, September 18<sup>th</sup>, I was following up with you on the meeting you had with your team about divesting your interest in the proposed area for the Caper well. Did you all come to a conclusion on if you'll were interested in doing that? Let me know if I can help you with anything further.

Thanks,

Adriana Jaso Land Department



#### MEWBOURNE OIL COMPANY

500 West Texas Ave, Suite 1020 Midland TX 79701-4279

PH: 432-682-3715 FX: 432-685-4170

From: William Boyd [mailto:wboyd@sheridanproduction.com]

Sent: Wednesday, September 27, 2017 8:59 AM

To: Adriana Jaso

Subject: RE: Caper 20/29 B2CN Proposal

Thanks, that makes perfect sense.

**WB** 

From: Adriana Jaso [mailto:ajaso@mewbourne.com]
Sent: Wednesday, September 27, 2017 8:58 AM

To: William Boyd

Subject: RE: Caper 20/29 B2CN Proposal

Mr. Boyd,

We acquired interest from ConocoPhillips interest in the S2 of Section 20 and all of Section 29, T21S, R32E.

Thanks,

Adriana Jaso Land Department



500 West Texas Ave, Suite 1020 Midland TX 79701-4279

PH: 432-682-3715

FX: 432-685-4170

From: William Boyd [mailto:wboyd@sheridanproduction.com]

Sent: Tuesday, September 26, 2017 1:50 PM

To: Adriana Jaso

Subject: Caper 20/29 B2CN Proposal

#### Adriana,

Good afternoon. I should start by admitting that I'm not very versed in New Mexico from a land perspective. I've been looking into the leasehold in Sections 20 and 29 and all the lands in those are Federal minerals except the NW/4 of Section 20 the best I can tell. When I dig deeper into it I don't see Mewbourne as owning any of the federal leasehold so that leaves the NW/4 of Section 20, is that the acreage you guys have under lease or have you acquired someone else's interest? I'm just playing a little catch-up here and was hoping you could give me some clarity. Thanks for the help. Sincerely,

#### William Boyd

Landman
Sheridan Production Company, LLC
9 Greenway Plaza, Suite 1300
713.548.1135 (Office)
832.691.4322 (Mobile)
Wboyd@sheridanproduction.com (email)

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#### **Adriana Jimenez**

From:

Adriana Jaso

Sent:

Wednesday, October 04, 2017 2:58 PM

To:

'William Boyd'

Subject:

**RE: Sheridan September JIB** 

William.

I think the best person to contact would be Chuck Falkenstein in our Oklahoma City office. His number is 405-235-6374. I hope he can help you!

Let me know if I can help you further with any Caper questions you may have.

Thanks,

Adriana Jaso Land Department



500 West Texas Ave, Suite 1020 Midland TX 79701-4279

PH: 432-682-3715 FX: 432-685-4170

**From:** William Boyd [mailto:wboyd@sheridanproduction.com]

Sent: Wednesday, October 04, 2017 1:57 PM

To: Adriana Jaso

Subject: Sheridan September JIB

#### Adriana.

I've been asked to reach out regarding the attached JIB statement we received from Mewbourne for the Lorene 09 01H and Tucker 09 1H both in Oklahoma. Can you direct me to the proper person that could answer questions about these two wells and this bill?

My concern is the JOA from 2/4/1958 that I have on record has a spending limit of \$5K. It appears that operations were conducted on these wells costing in excess of \$5K that weren't AFE'd as far as we can see. My guess is that the JOA has been updated and our records are incomplete, we have the wrong JOA entirely or the AFE proposal got lost in the shuffle over here. Please let me know who is best to answer this question and thanks for the help.

As to the well proposal for the Casper 20/29 B2CN in Lea County, we met again this morning and I can't seem to nail anyone down on how we'd like to proceed. Seems we're like we're getting closer but we'll respond before the 30 days as requested in your well proposal.

Thanks for the help.

#### William Boyd

Landman
Sheridan Production Company, LLC
9 Greenway Plaza, Suite 1300
713.548.1135 (Office)
832.691.4322 (Mobile)
Wboyd@sheridanproduction.com (email)

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#### **Adriana Jimenez**

From:

Adriana Jaso

Sent:

Tuesday, October 10, 2017 2:17 PM

To:

'William Boyd'

Subject:

RE: Caper 20/29 B2CN Fed Com #1H Proposal

William,

Thank you. I will keep you posted as we move towards a targeted spud date.

Adriana Jaso Land Department



#### MEWBOURNE DIL COMPANY

500 West Texas Ave, Suite 1020 Midland TX 79701-4279

PH: 432-682-3715 FX: 432-685-4170

**From:** William Boyd [mailto:wboyd@sheridanproduction.com]

Sent: Tuesday, October 10, 2017 1:56 PM

To: Adriana Jaso

Subject: Caper 20/29 B2CN Fed Com #1H Proposal

#### Adriana,

As we approach the 30 days as requested in the above mentioned proposal, Sheridan is not prepared to respond in the affirmative or the negative. We understand the permitting and regulatory hurdles required to drill this well are time consuming and lengthy. As we are also in our planning process for 2018 we simply need more time to thoroughly evaluate this asset/proposal. We would like to ask that as Mewbourne's plans for this well progress, we stay in touch and have a second opportunity to participate or divest our interest as the spud date draws nearer. Our hope is that due to our small interest this extra time to respond does not adversely affect your decision making. Thank you for answering our questions these last few weeks. Sincerely,

#### William Boyd

Landman
Sheridan Production Company, LLC
9 Greenway Plaza, Suite 1300
713.548.1135 (Office)
832.691.4322 (Mobile)
Wboyd@sheridanproduction.com (email)

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# Correspondence Log Caper 20/29 B2CN Federal Com #1H

Type  1/8/2017 Certified Letter 1/8/2018 Email 1/15/2018 Email 1/15/2018 Email 1/16/2018 Email 1/13/2018 Email 1/13/2018 Email 1/33/2018 Email 1/33/2018 Email 2/13/2018 Email 2/13/2018 Email 2/13/2018 Email 2/12/2018 Email 2/15/2018 Email 2/20/2018 Email	Company	Date	Correspondence	Details
9/12/2017 Certified Letter 1/8/2018 Email 1/15/2018 Email 1/16/2018 Email 1/18/2018 Email 1/18/2018 Email 1/33/2018 Email 1/33/2018 Email 1/31/2018 Email 2/12/2018 Email 2/12/2018 Email 2/12/2018 Email 2/12/2018 Email 2/12/2018 Email 2/22/2018 Email 2/22/2018 Email 2/22/2018 Email 2/22/2018 Email 2/22/2018 Email 2/22/2018 Email 3/1/2018 Email 3/1/2018 Email 3/1/2018 Email			Type	
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1/8/2018 Email 1/15/2018 Meeting 1/15/2018 Email 1/16/2018 Email 1/13/2018 Email 1/23/2018 Email 1/33/2018 Email 1/31/2018 Email 2/12/2018 Email 2/13/2018 Email 2/15/2018 Email 2/15/2018 Email 2/15/2018 Email 2/15/2018 Email 2/15/2018 Email 2/20/2018 Email 2/20/2018 Email 2/20/2018 Email 2/20/2018 Email 3/1/2018 Email 3/1/2018 Email	ne Rock Resources, LLC	9/12/2017	Certified Letter	Well proposal
B0.		1/8/2018	Email	set up meeting to discuss proposal
		1/9/2018	Meeting	discuss both parties issues & agenda point forward
		1/15/2018	Email	Trade offer to Prime Rock
		1/16/2018	Email	Trade offer discussion-details requested
		1/17/2018	Email	data request from Prime Rock
		1/18/2018	Email	Counter proposal from Prime Rock
		1/23/2018	Email	Proposal review
		1/30/2018	Email	Proposal discussion
		1/31/2018	Email	Proposal discussion
		2/12/2018	Email	Proposal discussion-data request
		2/13/2018	Email	Proposal discussion
		2/14/2018	Email	data request from Prime Rock
		2/15/2018	Email	Proposal discussion
		2/20/2018	Email	Proposal discussion
		2/22/2018	Email	Counter proposal from Prime Rock-OK w/ W2 JOA
		2/22/2018	Letter	JOA negotiation
		2/28/2018	Email	JOA negotiation
		3/1/2018	Email	Counter proposal from Prime Rock
-				

#### MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020 Midland, Texas 79701 Phone (432) 682-3715 Fax (432) 685-4170

September 12, 2017

Certified Mail
Prime Rock Resources, LLC
203 West Wall Street, #1000
Midland, Texas 79701

Attn: Mr. Manny Sirgo

Re:

Caper 20/29 B2CN Fed Com #1H

Section 20 and 29, Township 21 South, Range 32 East

Lea County, New Mexico

#### Ladies and Gentlemen:

Mewbourne Oil Company, as Operator, hereby proposes to form a 1,280.00 acre Working Interest Unit ("WIU") covering all of Section 20 and 29, Township 21 South, Range 32 East, Lea County, New Mexico. Our records indicate Prime Rock Resources, LLC would own 12.5% of the proposed WIU (derived by virtue of their newly acquired federal tract covering the NW/4 of Section 20).

In conjunction with formation of the WIU, Mewbourne proposes to drill the Caper 20/29 B2CN Federal Com #1H well, having a Surface Location (SL) of 360' FSL, 2000' FWL of Section 17 (available drilling island), and a Bottom Hole Location (BHL) of 330' FSL, 1980' FWL of Section 29. The proposed well will be drilled to a Total Vertical Depth ("TVD") of approximately 10,504 feet subsurface and a Total Measured Depth ("TMD") of 20,795 feet to evaluate the Second Bone Spring Sand formation for oil production. The E/2W/2 of Section 20 and the E/2W/2 of Section 29 will be dedicated to the well as the pooled oil proration unit and project area.

Enclosed for your review and further handling is an AFE, dated June 13, 2017, for this well along with Form C-102, Well Location Plat. In the event you elect to participate, please execute the enclosed AFE and return to the undersigned within thirty (30) days, our proposed Operating Agreement is also enclosed for your review and execution.

Should you have any questions regarding the above, please email me at <u>ajaso@mewbourne.com</u> or call me at (432) 682-3715.

Very truly yours,

MEWBOURNE OIL COMPANY

Adriana Jaso Associate Landman

Enclosures

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

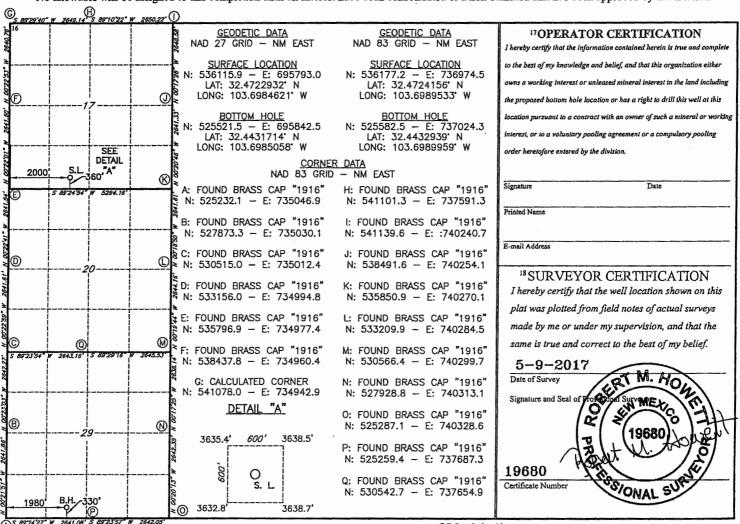
# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

			WELI	LOCA	TION AND	ACREA	GE DEDI	CATION PLA	AΤ.		
1	API Number	r		2700	l Code			<sup>3</sup> Pool Na	ame		
4Property Cod	ie			CADE		perty Name	TACTOR A T	COM		,	6 Well Number
				CAPE	R 20/29 1	BECH F	EDERAL	COM			1H
7 OGRID N	10.				- 2	erator Name				9	Elevation
				<u>.</u> M.	EWBOURNE	от с	OMPANY			<u> </u>	3637'
					10 Sur	face Loca	ation				
UL or lot no.	Section	Townsh	nip Ran	ge Lot	Idn Feet from	the 1	North/South line	Feet From the	East/W	est line	County
N	17	215	32	3	360		SOUTH	2000	WE	ST	LEA
				" Botto	m Hole Loca	ation If I	)ifferent F	rom Surface			
UL or lot no.	Section	Townsh	ip Ran	ge Lot	Idn Feet from	the N	North/South line	Feet from the	East/We	est line	County
N	29	21S	321	<u> </u>	330	S	HTUO	1980	WE:	ST	LEA
12 Dedicated Acres	13 Joint	or Infill	14 Consolid	ation Code	15 Order No.						

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



RRC-Job No.: LS1703142

## MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: Caper 20/29 B2CN FED Com #1H Prios	pecti Ca	per Prospect		
Location SL: 360' FSL & 2000' FWL (17); BHL: 330' FSL & 1980' FWL (29)	unty: Lea	1		ST; NM
Sec. 17 Bik Surveys TWP: 21S	CANADA STATE OF THE STATE OF	32E Přop. TVI	10504'	TMD: 20795'
INTANGIBLE COSTS 0180	CODE	TCP	CODE	cc
Regulatory Permits & Surveys	0180-0100		0180-0200	
Location / Road / Site / Preparation	0180-0105		0180-0205	\$25,000
Location / Restoration	0180-0106		0180-0206	\$15,000
Daywork / Turnkey / Footage Drilling 28 days drlg / 4 days comp @ \$19,000/d	0180-0110	\$566,000	0180-0210	\$81,000
Fuel 1500 gal/day @ \$1.70/gal Mud, Chemical & Additives	0180-0114 0180-0120		0180-0220	
Horizontal Drillout Services	0100 0120	\$250,000	0180-0222	\$150,000
Cementing	0180-0125	\$60,000	0180-0225	\$30,000
Logging & Wireline Services	0180-0130		0180-0230	\$320,000
Casing / Tubing / Snubbing Service	0180-0134		0180-0234	\$60,000
Mud Logging	0180-0137	\$25,000		#2 724 000
Stimulation 52 Stg 20.3 MM gal x 20.3 MM #			0180-0241 0180-0242	\$3,721,000 \$150,000
Stimulation Rentals & Other Water & Other	0180-0145	\$40,000	0180-0245	\$720,000
Bits	0180-0148		0180-0248	\$4,000
Inspection & Repair Services	0180-0150		0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$5,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig 3 days @ \$3500/day Run Tbg			0180-0260	\$10,500
Rig Mobilization	0180-0164	\$160,000		#40 000
Transportation	0180-0165 0180-0168		0180-0265 0180-0268	\$12,000 \$5,000
Welding Services Contract Services & Supervision	0180-0170	\$5,000	0180-0270	\$42,000
Directional Services Includes Vertical control	0180-0175	\$160,000		ψ 12,000
Equipment Rental	0180-0180		0180-0280	\$40,000
Well / Lease Legal	0180-0184		0180-0284	
Well / Lease Insurance	0180-0185		0180-0285	
Intangible Supplies	0180-0188	\$8,000	0180-0288	\$1,000
Damages	0180-0190 0180-0192		0180-0290 0180-0292	\$30,000
ROW & Easements Pipeline Interconnect	0100-0192		0180-0292	φ30,000
Company Supervision	0180-0195	\$140,000	0180-0295	\$115,000
Overhead Fixed Rate	0180-0196		0180-0296	\$20,000
Well Abandonment	0180-0198		0180-0298	
Contingencies 10% (TCP) 10% (CC)	0180-0199	\$212,700	0180-0299	\$559,200
TOTAL		\$2,339,600		\$6,150,700
TANGIBLE COSTS 0181				
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 1006' - 13 3/8" 54.5# J-55 ST&C @ \$34.63/ft	0181-0794	\$37,100		
Casing (8.1" - 10.0") 3926' - 9 5/8" 40# N-80/HCL-80 LT&C @ \$25.00/ft  Casing (6.1" - 8.0") 10657' - 7" 29# P-110 LT&C @ \$21.21/ft	0181-0795 0181-0796	\$104,300 \$240,200		
Casing (4.1" - 6.0") 10874' - 4 1/2" 13.5# P-110 BPN @ \$13.45/ft	0101-0790	\$240,200	0181-0797	\$155,400
Tubing (2" - 4") 9870' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.53/ft			0181-0798	\$47,600
Drilling Head	0181-0860	\$40,000		
Tubing Head & Upper Section 10k Frac valve and tree			0181-0870	\$20,000
Horizontal Completion Tools			0181-0871	\$44,000
Sucker Rods			0181-0875	
Subsurface Equipment			0181-0880	\$10,000
Artificial Lift Systems Pumping Unit			0181-0884 0181-0885	\$10,000
Surface Pumps & Prime Movers VRU & SWD transfer pump			0181-0886	\$60,000
Tanks - Oil 3- 750 bbl			0181-0890	\$40,000
Tanks - Water 3-750 bbl			0181-0891	\$50,000
Separation / Treating Equipment 36"x15'x1000# 3 ph & 30"x10'x1000# 3 ph/ GB			0181-0895	\$45,000
Heater Treaters, Line Heaters 6'x20'x75# HT			0181-0897	\$15,000
Metering Equipment			0181-0898	\$14,000
Line Pipe & Valves - Gathering 4" Steel / 4 Miles 8" Poly			0181-0900	\$300,000
Fittings / Valves & Accessories Cathodic Protection			0181-0906 0181-0908	\$65,000 \$65,000
Clastrian Installation			0181-0308 0181-0000	\$75,000



Date: September 13, 2017

Simple Certified:

The following is in response to your September 13, 2017 request for delivery information on your Certified Mail™/RRE item number 9402810699945025573569. The delivery record shows that this item was delivered on September 13, 2017 at 11:26 am in MIDLAND, TX 79701. The scanned image of the recipient information is provided below.

PIRedman

2034A11

Signature of Recipient:

Address of Recipient :

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely, United States Postal Service

> Attn: Mr. Manny Sirgo Prime Rock Resources, LLC 203 W WALL ST STE 1000 MIDLAND, TX 79701 Reference #: Caper 20/29 B2CN No1H AJ Item ID: Caper 20 29 B2CN No1H

From:

Lee Scarborough

Sent:

Tuesday, December 19, 2017 2:12 PM

To:

'jamesbruc@aol.com'

Cc:

Adriana Jaso

Subject:

RE: Jan. 11th hearing

**Attachments:** 

Caper\_PrimeRock\_CP.pdf

Jim,

We received the attached well proposal from Prime Rock which covers the same project area as our Caper well (hearing set for Jan 11<sup>th</sup>).

Have you heard from Prime Rock?

Thanks,

Lee

From: jamesbruc@aol.com [mailto:jamesbruc@aol.com]

Sent: Tuesday, December 12, 2017 12:54 PM

To: florene.davidson@state.nm.us; WilliamV.Jones@state.nm.us

Cc: Adriana Jaso; Lee Scarborough

Subject: Jan. 11th hearing

Attached are an application for pooling, etc., and a proposed ad, filed for Mewbourne Oil Co.

Jim

From:

Lee Scarborough

Sent: To: Monday, January 08, 2018 8:17 AM Adriana Jimenez; Corey Mitchell

Subject:

RE: Offer Letter-W/2 of Sections 20 and 29, both in T21S, R32E, N.M.P.M-Lea County,

NM

We've never received a response from Prime Rock on our original well proposal.

From: Adriana Jimenez

Sent: Monday, January 08, 2018 8:06 AM

To: Lee Scarborough

Subject: Fwd: Offer Letter-W/2 of Sections 20 and 29, both in T21S, R32E, N.M.P.M-Lea County, NM

#### Get Outlook for iOS

From: Jason South < jason@primerockresources.com>

Sent: Friday, January 5, 2018 3:45:06 PM

To: Adriana Jimenez

Subject: Offer Letter-W/2 of Sections 20 and 29, both in T21S, R32E, N.M.P.M-Lea County, NM

#### Adriana,

Please find attached a letter from Prime Rock Resources, LLC that has three additional proposal options covering the W/2 of Sections 20 and 29, both in T21S, R32E, N.M.P.M-Lea County, NM. Please let me know your thoughts at your earliest convenience. Hope you have a great rest of the day!

Thanks,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683 Cell: (432) 210-1368

https://www.primerockresources.com



From:

Lee Scarborough

Sent:

Monday, January 08, 2018 9:09 AM

To:

Jason, South (jason@primerockresources.com)

Subject:

Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Jason,

I left a message with your receptionist this morning, Mewbourne Oil Company would like to set up a meeting with you, in our offices, to discuss the Caper Prospect.

Let me know when convenient for you.

Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
<a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>

From:

Jason South <jason@primerockresources.com>

Sent:

Monday, January 08, 2018 9:25 AM

To:

Lee Scarborough

Subject:

RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Mr. Scarborough,

That sounds great. Does Tuesday afternoon work for you? I'm on a conference call right now so I will call you back as soon as I get off. Hope you had a great weekend.

Thanks,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall. Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 08, 2018 9:09 AM

To: Jason South < jason@primerockresources.com>

Subject: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Jason,

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Let me know when convenient for you.

Regards,

Lee M. Scarborough Landman Mewbourne Oil Company (432) 682-3715 Iscarborough@mewbourne.com

From:

Lee Scarborough

Sent:

Monday, January 08, 2018 9:27 AM

To:

Corey Mitchell; Drew Robison; Adriana Jimenez

Subject:

FW: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

#### Tomorrow afternoon??

From: Jason South [mailto:jason@primerockresources.com]

Sent: Monday, January 08, 2018 9:25 AM

To: Lee Scarborough

Subject: RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Mr. Scarborough,

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Jason

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Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 08, 2018 9:09 AM

To: Jason South < jason@primerockresources.com>

Subject: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

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Let me know when convenient for you.

Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From:

Lee Scarborough

Sent:

Monday, January 08, 2018 10:57 AM

To:

'Jason South'

Subject:

RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Tuesday afternoon, 3 pm (January 9, 2018) works for us.

Our office is located in the Wells Fargo Tower (Tower 1) of the Fasken Building – 500 West Texas. We are in the middle of a remodel, please check in on the 11<sup>th</sup> floor.

We will have the following people present:

Drew Robison – District Exploration Manager Corey Mitchell – District Land Manager Adriana Jimenez – Landman Lee Scarborough – Landman

Please confirm that 3 pm works for you and let me know who will attend from Prime Rock.

Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Jason South [mailto:jason@primerockresources.com]

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To: Lee Scarborough

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Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683



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Sent: Monday, January 08, 2018 9:09 AM

To: Jason South < iason@primerockresources.com>

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Jason,

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Let me know when convenient for you.

Regards,

Lee M. Scarborough Landman Mewbourne Oil Company (432) 682-3715 lscarborough@mewbourne.com

From:

Lee Scarborough

Sent:

Monday, January 08, 2018 2:59 PM

To:

Corey Mitchell; Drew Robison; Adriana Jimenez

Subject:

RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

We are on for 3 pm tomorrow . . . Manny Sirgo, David DaGian and Jason South.

From: Corey Mitchell

Sent: Monday, January 08, 2018 9:57 AM

To: Lee Scarborough; Drew Robison; Adriana Jimenez

Subject: RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Works for me.

Corey Mitchell Land Department Mewbourne Oil Company 500 West Texas, Suite 1020 Midland, TX 79701 Bus. (432) 682-3715 Fax (432) 685-4170

From: Lee Scarborough

Sent: Monday, January 08, 2018 9:27 AM

To: Corey Mitchell; Drew Robison; Adriana Jimenez

Subject: FW: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Tomorrow afternoon??

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Sent: Monday, January 08, 2018 9:25 AM

To: Lee Scarborough

Subject: RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Mr. Scarborough,

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Thanks,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

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Let me know when convenient for you.

Regards,

From:

Jason South < jason@primerockresources.com>

Sent:

Monday, January 08, 2018 3:05 PM

To:

Lee Scarborough

Subject:

RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

3 is great with us. We will have the following people present:

- 1) Manny Sirgo-CEO
- 2) David DaGian-VP of Exploration
- 3) Jason South-Land

Hope you have a great rest of the day. Thanks!

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 08, 2018 10:57 AM

To: Jason South < iason@primerockresources.com >

Subject: RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

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Let me know when convenient for you.

Regards,

Lee M. Scarborough Landman Mewbourne Oil Company (432) 682-3715 Iscarborough@mewbourne.com

From:

Jason South <jason@primerockresources.com>

Sent:

Tuesday, January 09, 2018 11:18 AM

To:

Lee Scarborough

Subject:

RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Manny won't be able to make it today but Mike Gray (Land) will be there instead. See you at 3. Thanks!

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Jason South

Sent: Monday, January 08, 2018 3:05 PM

To: 'Lee Scarborough' < <a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>>

Subject: RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

3 is great with us. We will have the following people present:

- 1) Manny Sirgo-CEO
- 2) David DaGian-VP of Exploration
- 3) Jason South-Land

Hope you have a great rest of the day. Thanks!

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



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Sent: Monday, January 08, 2018 10:57 AM

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Subject: RE: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

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Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

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Sent: Monday, January 08, 2018 9:25 AM

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Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

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https://www.primerockresources.com



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Subject: Caper Prospect, Section 20 and 29, T21S, R32E, Lea County, New Mexico

Jason,

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Let me know when convenient for you.

Regards,

From:

Lee Scarborough

Sent:

Monday, January 15, 2018 4:08 PM

To:

Jason, South (jason@primerockresources.com)

Cc:

Corey Mitchell

Subject:

Caper Project Area

Jason,

Thank you for meeting with us on 9 January, we appreciated your time and frank discussion of issues surrounding the Caper Project.

Our preference would be for Prime Rock to participate, with Mewbourne as operator, under the 1280 working interest unit.

However, as discussed, we have put together some potential acreage trade options for your consideration. While these options are subject to our Management's final approval, we wanted to put something on the table for your group to review should you decide not to participate in the working interest unit as proposed.

Township 21 South, Range 27 East – 120 acres (Eddy County)

Township 19 South, Range 33 East – 40 acres (Lea County)

Township 18 South, Range 29 East – 45 acres (Eddy County)

Township 23 South, Range 34 East – 165 acres [excluding producing well] (Lea County)

Please let us know if one of the above, or a combination thereof, would add value to your portfolio and work as potential trade options.

Regards,

From:

Jason South <jason@primerockresources.com>

Sent:

Tuesday, January 16, 2018 10:19 AM

To:

Lee Scarborough Corey Mitchell

Cc: Subject:

RE: Caper Project Area

Mr. Scarborough,

Geology is currently reviewing the options presented in your email below so I will call you as soon as I know something on our end.

Do you happen to have the 3<sup>rd</sup> Bone Spring well AFE and well location we discussed the other day for your future drilling plans in the E/2?

Thanks again for meeting with us the other day. Hope you have a great day.

Sincerely,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 15, 2018 4:08 PM

To: Jason South < jason@primerockresources.com > Cc: Corey Mitchell < cmitchell@Mewbourne.com >

Subject: Caper Project Area

Jason,

Thank you for meeting with us on 9 January, we appreciated your time and frank discussion of issues surrounding the Caper Project.

Our preference would be for Prime Rock to participate, with Mewbourne as operator, under the 1280 working interest unit.

However, as discussed, we have put together some potential acreage trade options for your consideration. While these options are subject to our Management's final approval, we wanted to put something on the table for your group to review should you decide not to participate in the working interest unit as proposed.

Township 21 South, Range 27 East – 120 acres (Eddy County)

Township 19 South, Range 33 East – 40 acres (Lea County)

Township 18 South, Range 29 East – 45 acres (Eddy County)

23 South, Range 34 East – 165 acres [excluding producing well] (Lea County)

Please let us know if one of the above, or a combination thereof, would add value to your portfolio and work as potential trade options.

Regards,

From:

Lee Scarborough

Sent:

Tuesday, January 16, 2018 2:31 PM

To:

'Jason South'

Cc:

Corey Mitchell

Subject:

RE: Caper Project Area

**Attachments:** 

Caper 20-29 B3BO Fed Com 2H AFE.xlsx

Jason,

Per your request below, attached is an AFE covering the Caper 20/29 B3BO Fed Com #2H.

Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Jason South [mailto:jason@primerockresources.com]

Sent: Tuesday, January 16, 2018 10:19 AM

**To:** Lee Scarborough **Cc:** Corey Mitchell

Subject: RE: Caper Project Area

Mr. Scarborough,

Geology is currently reviewing the options presented in your email below so I will call you as soon as I know something on our end.

Do you happen to have the 3<sup>rd</sup> Bone Spring well AFE and well location we discussed the other day for your future drilling plans in the E/2?

Thanks again for meeting with us the other day. Hope you have a great day.

Sincerely,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683 Cell: (432) 210-1368

0611. (402) 210-1000

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 15, 2018 4:08 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

Subject: Caper Project Area

Jason,

Thank you for meeting with us on 9 January, we appreciated your time and frank discussion of issues surrounding the Caper Project.

Our preference would be for Prime Rock to participate, with Mewbourne as operator, under the 1280 working interest unit.

However, as discussed, we have put together some potential acreage trade options for your consideration. While these options are subject to our Management's final approval, we wanted to put something on the table for your group to review should you decide not to participate in the working interest unit as proposed.

Township 21 South, Range 27 East – 120 acres (Eddy County)

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Township 18 South, Range 29 East – 45 acres (Eddy County)

Township 23 South, Range 34 East – 165 acres [excluding producing well] (Lea County)

Please let us know if one of the above, or a combination thereof, would add value to your portfolio and work as potential trade options.

Regards,

From:

Lee Scarborough

Sent:

Wednesday, January 17, 2018 12:47 PM

To: Cc:

'Wes Randall' Travis Cude

Subject:

RE: Production / Operations Engineer

Wes,

Travis Cude (432-682-3715) will be able to help you. Please feel free to contact him by phone or email (tcude@mewbourne.com).

Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Wes Randall [mailto:wes@primerockresources.com]

Sent: Wednesday, January 17, 2018 10:42 AM

To: Lee Scarborough

**Subject:** Production / Operations Engineer

Good morning Lee,

I was wondering if you could put me in contact with the production/operations engineer that would be over the Caper 20/29 B3BO Fed Com #2H? We are running numbers on this well for upper management and I had some questions to ask them on operating expenses, etc.

Thank you in advance,

#### **Wesley Randall**

Operations Manager 203 West Wall, Suite 1000 Midland, TX 79701 0: 432.242.4691 C: 512.461.3061



www.primerockresources.com

From:

Jason South <jason@primerockresources.com>

Sent:

Thursday, January 18, 2018 4:32 PM

To: Subject: Lee Scarborough RE: Caper Project Area

Mr. Scarborough,

Per our conversation, while Prime Rock Resources, LLC ("Prime Rock") would ideally like to operate, Prime Rock is agreeable to signing a mutually acceptable JOA form, covering the W/2 of Sections 20 & 29, both in Township 21 South, Range 32 East, NMPM, Lea County, New Mexico, limited to the Bone Spring Formation, with Mewbourne Oil Company ("Mewbourne") serving as operator. Please let us know at your earliest convenience if this is acceptable to Mewbourne.

Thank you very much for all of your help. Hope you have a great rest of the day.

Sincerely,

Jason

Jason South, CPL
Prime Rock Resources, LLC
203 West Wall, Suite 1000
Midland, Texas 79701
Work: (432) 242-4683
Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 15, 2018 4:08 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

Subject: Caper Project Area

Jason,

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Our preference would be for Prime Rock to participate, with Mewbourne as operator, under the 1280 working interest unit.

However, as discussed, we have put together some potential acreage trade options for your consideration. While these options are subject to our Management's final approval, we wanted to put something on the table for your group to review should you decide not to participate in the working interest unit as proposed.

Township 23 South, Range 27 East – 120 acres (Eddy County)

Township 18 South, Range 29 East – 45 acres (Eddy County)

Township 23 South, Range 34 East – 165 acres [excluding producing well] (Lea County)

Please let us know if one of the above, or a combination thereof, would add value to your portfolio and work as potential trade options.

Regards,

From:

Lee Scarborough

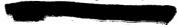
Sent:

Thursday, January 18, 2018 4:37 PM

To:

Jason, South (jason@primerockresources.com)

Subject:



Jason,

Your assumption was correct on the well in the S2 of Section 21 (E/W orientation) . . . first horizontal in the area, realized it was oriented wrong, but after the fact.

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
<a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>

From:

Lee Scarborough

Sent:

Tuesday, January 23, 2018 3:05 PM

To:

'Jason South'

Subject:

RE: Caper Project Area

Jason,

We are currently discussing your proposal limiting Prime Rock's participation to the W2 of Sections 20 & 29 and to the Bone Spring formation only with the BLM and our current working interest owners.

I will keep you posted on our discussions.

Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Jason South [mailto:jason@primerockresources.com]

Sent: Thursday, January 18, 2018 4:32 PM

To: Lee Scarborough

Subject: RE: Caper Project Area

Mr. Scarborough,

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Thank you very much for all of your help. Hope you have a great rest of the day.

Sincerely,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 15, 2018 4:08 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

Subject: Caper Project Area

Jason,

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Our preference would be for Prime Rock to participate, with Mewbourne as operator, under the 1280 working interest unit.

However, as discussed, we have put together some potential acreage trade options for your consideration. While these options are subject to our Management's final approval, we wanted to put something on the table for your group to review should you decide not to participate in the working interest unit as proposed.

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Township 23 South, Range 34 East – 165 acres [excluding producing well] (Lea County)

Please let us know if one of the above, or a combination thereof, would add value to your portfolio and work as potential trade options.

Regards,

From:

Jason South <jason@primerockresources.com>

Sent:

Tuesday, January 23, 2018 5:06 PM

To:

Lee Scarborough

Subject:

RE: Caper Project Area

Mr. Scarborough,

Thank you for the update. Hope you have a great night!

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Tuesday, January 23, 2018 3:05 PM

To: Jason South < jason@primerockresources.com >

Subject: RE: Caper Project Area

Jason,

We are currently discussing your proposal limiting Prime Rock's participation to the W2 of Sections 20 & 29 and to the Bone Spring formation only with the BLM and our current working interest owners.

I will keep you posted on our discussions.

Regards,

From: Jason South [mailto:jason@primerockresources.com]

Sent: Thursday, January 18, 2018 4:32 PM

To: Lee Scarborough

Subject: RE: Caper Project Area

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Per our conversation, while Prime Rock Resources, LLC ("Prime Rock") would ideally like to operate, Prime Rock is agreeable to signing a mutually acceptable JOA form, covering the W/2 of Sections 20 & 29, both in Township 21 South, Range 32 East, NMPM, Lea County, New Mexico, limited to the Bone Spring Formation, with Mewbourne Oil Company ("Mewbourne") serving as operator. Please let us know at your earliest convenience if this is acceptable to Mewbourne.

Thank you very much for all of your help. Hope you have a great rest of the day.

Sincerely,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, January 15, 2018 4:08 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

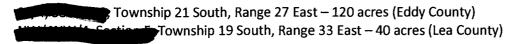
Subject: Caper Project Area

Jason,

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Township 18 South, Range 29 East – 45 acres (Eddy County)

Township 23 South, Range 34 East – 165 acres [excluding producing well] (Lea County)

Please let us know if one of the above, or a combination thereof, would add value to your portfolio and work as potential trade options.

Regards,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
<a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>

From:

Lee Scarborough

Sent:

Tuesday, January 30, 2018 1:32 PM

To:

Jason, South (jason@primerockresources.com)

Cc: Subject: Corey Mitchell
Caper Project Area

Jason,

Please call me when you have time, I'd like to discuss our Caper Project with you. Specifically relating to the acreage trade options we proposed and our discussions with working interest owners on a W2 JOA. I believe the last time we talked you said Mike was reviewing our operating agreement.

Thank you.

From:

Lee Scarborough

Sent:

Tuesday, January 30, 2018 4:19 PM

To:

Jason, South (jason@primerockresources.com)

Subject:

RE: Caper Project Area

Jason,

I checked with Drew and Corey on the Red Hawk acreage while they'd recommend it to management, we would need a formal offer from Prime Rock if you are interested.

The wellbore on the state of the same issue), and carries PDP value, making the trade more complicated, but workable. A formal offer from Prime Rock will be necessary to move it forward.

Hope this helps.

Lee

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 1:32 PM

To: Jason, South (jason@primerockresources.com)

**Cc:** Corey Mitchell

Subject: Caper Project Area

Jason,

Please call me when you have time, I'd like to discuss our Caper Project with you. Specifically relating to the acreage trade options we proposed and our discussions with working interest owners on a W2 JOA. I believe the last time we talked you said Mike was reviewing our operating agreement.

Thank you.

From:

Jason South < jason@primerockresources.com>

Sent:

Wednesday, January 31, 2018 10:44 AM

To:

Lee Scarborough

Subject:

**RE: Caper Project Area** 

Thank you for the information in the below email. I'm awaiting an answer from the team on what direction they want to proceed. I'm out on a due diligence project until Friday so please call my cell if you need me for anything. Hope you have a great day.

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Tuesday, January 30, 2018 4:19 PM

To: Jason South < jason@primerockresources.com >

Subject: RE: Caper Project Area

Jason,

I checked with Drew and Corey on the Red Hawk acreage (Section 32, T19S, R34E), while they'd recommend it to management, we would need a formal offer from Prime Rock if you are interested.

The wellbore on the section 32 has the same issue), and carries PDP value, making the trade more complicated, but workable. A formal offer from Prime Rock will be necessary to move it forward.

Hope this helps.

Lee

From: Lee Scarborough

**Sent:** Tuesday, January 30, 2018 1:32 PM

To: Jason, South (jason@primerockresources.com)

Cc: Corey Mitchell

Subject: Caper Project Area

Jason,

Please call me when you have time, I'd like to discuss our Caper Project with you. Specifically relating to the acreage trade options we proposed and our discussions with working interest owners on a W2 JOA. I believe the last time we talked you said Mike was reviewing our operating agreement.

Thank you.

From:

Lee Scarborough

Sent:	Monday, February 12, 2018 3:12 PM
То:	Jason, South (jason@primerockresources.com)
Cc:	Corey Mitchell
Subject:	RE: Caper Project Area
Jason,	
Can you provide an update on Pr Project?	ime Rock's progress reviewing the options proposed by Mewbourne under our Caper
	- All of Section 20 and 29 - all depths W2 of Section 20 and 29 – all depths
Эмьтопиченсове	
Thank you.	
Lee M. Scarborough	
Landman	
Mewbourne Oil Company	
(432) 682-3715	
lscarborough@mewbourne.com	
From: Lee Scarborough Sent: Tuesday, January 30, 2018 To: Jason, South (jason@primero Subject: RE: Caper Project Area	
Jason,	
I checked with Drew and Corey o management, we would need a f	ormal offer from Prime Rock if you are interested.
The wellbore on the carries PDP value, making the trate move it forward.	has internal partners (the one in Section 32 has the same issue), and de more complicated, but workable. A formal offer from Prime Rock will be necessary
Hope this helps.	
Lee	
From: Lee Scarborough Sent: Tuesday, January 30, 2018	1:32 PM

To: Jason, South (jason@primerockresources.com)

Cc: Corey Mitchell

Subject: Caper Project Area

Jason,

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Thank you.

From:

Jason South < jason@primerockresources.com>

Sent:

Monday, February 12, 2018 4:17 PM

To:

Lee Scarborough

Subject:

RE: Caper Project Area

What is Mewbourne's WI/NRI you reflect for the Mewbourne operated located in State 1995, 1995, Lea County, NM? Hope you have a great rest of the day. Thanks for your help.

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

VVork: (432) 242-4683 Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, February 12, 2018 3:12 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

Subject: RE: Caper Project Area

Jason,

Can you provide an update on Prime Rock's progress reviewing the options proposed by Mewbourne under our Caper Project?

1280 acre working interest unit – All of Section 20 and 29 - all depths 640 acre working interest unit – W2 of Section 20 and 29 – all depths



Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
<a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 4:19 PM

To: Jason, South (jason@primerockresources.com)

Subject: RE: Caper Project Area

Jason,

I checked with Drew and Corey on the Red Hawk acreage (Section 32, T19S, R34E), while they'd recommend it to management, we would need a formal offer from Prime Rock if you are interested.

The wellbore on the S2 of Section 21 (T23S, R34E) has internal partners (the one in Section 32 has the same issue), and carries PDP value, making the trade more complicated, but workable. A formal offer from Prime Rock will be necessary to move it forward.

Hope this helps.

Lee

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 1:32 PM

**To:** Jason, South (<u>jason@primerockresources.com</u>)

Cc: Corey Mitchell

Subject: Caper Project Area

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Thank you.

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
<a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>

From:

Jason South <jason@primerockresources.com>

Sent:

Tuesday, February 13, 2018 10:03 PM

To:

Lee Scarborough

Subject:

FW: Caper Project Area

Mr. Scarborough,

Prime Rock would either like to execute a mutually acceptable JOA covering the W/2 of Sections 20 & 29, limited to the Bone Spring Formation, or work a trade with Mewbourne on the tracts listed in your email below. If I could get some additional information on Mewbourne's WI/NRI in the section, Mewbourne's WI/NRI in the section and Mewbournes's WI/NRI in the section wellbore located in Section 31 Section

Also, earlier today Mike Gary sent you our proposed changes to Mewbourne's JOA if that is the route we end up going. We can jump on a call to discuss the requested changes at your earliest convenience.

I have a funny story to tell you next time we talk. Thank you very much for all of your help. Hope you have a great night.

Sincerely,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Jason South

Sent: Monday, February 12, 2018 4:17 PM

To: 'Lee Scarborough' < <a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>>

Subject: RE: Caper Project Area

What is Mewbourne's WI/NRI you reflect for the Mewbourne operated located in County, NM? Hope you have a great rest of the day. Thanks for your help.

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, February 12, 2018 3:12 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

Subject: RE: Caper Project Area

Jason,

Can you provide an update on Prime Rock's progress reviewing the options proposed by Mewbourne under our Caper Project?

1280 acre working interest unit – All of Section 20 and 29 - all depths 640 acre working interest unit – W2 of Section 20 and 29 – all depths Red Hawk acreage – Section 32, T19S, R34E Pronghorn acreage – S2, Section 21, T23S, R34E

Thank you.

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 4:19 PM

To: Jason, South (jason@primerockresources.com)

Subject: RE: Caper Project Area

Jason,

I checked with Drew and Corey on the Red Hawk acreage (Section 32, T19S, R34E), while they'd recommend it to management, we would need a formal offer from Prime Rock if you are interested.

The wellbore on the S2 of Section 21 (T23S, R34E) has internal partners (the one in Section 32 has the same issue), and carries PDP value, making the trade more complicated, but workable. A formal offer from Prime Rock will be necessary to move it forward.

Hope this helps.

Lee

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 1:32 PM

To: Jason, South (jason@primerockresources.com)

Cc: Corey Mitchell

**Subject:** Caper Project Area

Jason,

Please call me when you have time, I'd like to discuss our Caper Project with you. Specifically relating to the acreage trade options we proposed and our discussions with working interest owners on a W2 JOA. I believe the last time we talked you said Mike was reviewing our operating agreement.

Thank you.

From:

Lee Scarborough

Sent:

Wednesday, February 14, 2018 9:09 AM

To: Cc: Jason South Corey Mitchell

Subject:

RE: Caper Project Area

Jason,

Details of our acreage proposals are listed below, as per your request:

Mewbourne ownership:

N/2S/2 – Surface to 11,587' – 51.62708% WI , 80% NRI Below 11,587' – 49.54375% WI , 80% NRI

N/2S/2 - All depths - 49.54375% WI, 80% NRI

51.627083% WI, 80.04% NRI

NIA-

Mewbourne ownership:

N/2 - All depths - 100% WI, 83.33% NRI

100% WI , 83.33% NRI

Please let me know if you need any additional details.

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Jason South [mailto:jason@primerockresources.com]

**Sent:** Monday, February 12, 2018 4:17 PM

To: Lee Scarborough

Subject: RE: Caper Project Area

What is Mewbourne's WI/NRI you reflect for the Mewbourne operated

located in Santian County, NM? Hope you have a great rest of the day. Thanks for your help.

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683 Cell: (432) 210-1368

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Sent: Monday, February 12, 2018 3:12 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

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1280 acre working interest unit – All of Section 20 and 29 - all depths 640 acre working interest unit – W2 of Section 20 and 29 – all depths

50-Co-Non-21, T22C, D245

Thank you.

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 4:19 PM

To: Jason, South (jason@primerockresources.com)

Subject: RE: Caper Project Area

Jason,

I checked with Drew and Corey on the second offer from Prime Rock if you are interested.

The wellbore on the Conference of Carolina 24 (Table PostPhas internal partners (the one in Section 32 has the same issue), and carries PDP value, making the trade more complicated, but workable. A formal offer from Prime Rock will be necessary to move it forward.

Hope this helps.

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Cc: Corey Mitchell

Subject: Caper Project Area

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Thank you.

From:

Jason South <jason@primerockresources.com>

Sent:

Wednesday, February 14, 2018 9:18 AM

To:

Lee Scarborough

Subject:

RE: Caper Project Area

Thank you very much for the information. I've sent this to the team and will be in touch soon. Hope you have a great day!

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

**Sent:** Wednesday, February 14, 2018 9:09 AM **To:** Jason South < <u>iason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

Subject: RE: Caper Project Area

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51.627083% WI, 80.04% NRI

Mewbourne ownership:

N/2 - All depths - 100% WI, 83.33% NRI

100% WI, 83.33% NRI

Please let me know if you need any additional details.

Lee M. Scarborough Landman Mewbourne Oil Company (432) 682-3715 lscarborough@mewbourne.com

From: Jason South [mailto:jason@primerockresources.com]

Sent: Monday, February 12, 2018 4:17 PM

To: Lee Scarborough

Subject: RE: Caper Project Area

What is Mewbourne's WI/NRI you reflect for the Mewbourne operated located in the Mewbourne operated located located in the Mewbourne operated located located located in the Mewbourne operated located locate

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Monday, February 12, 2018 3:12 PM

**To:** Jason South < <u>jason@primerockresources.com</u>> **Cc:** Corey Mitchell < <u>cmitchell@Mewbourne.com</u>>

Subject: RE: Caper Project Area

Jason,

Can you provide an update on Prime Rock's progress reviewing the options proposed by Mewbourne under our Caper Project?

1280 acre working interest unit – All of Section 20 and 29 - all depths 640 acre working interest unit – W2 of Section 20 and 29 – all depths

Neu Flamm

Thank you.

Lee M. Scarborough Landman Mewbourne Oil Company (432) 682-3715 lscarborough@mewbourne.com

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 4:19 PM

To: Jason, South (jason@primerockresources.com)

Subject: RE: Caper Project Area

Jason,

I checked with Drew and Corey on the management, we would need a formal offer from Prime Rock if you are interested.

The wellbore on the S2 of the same issue), and carries PDP value, making the trade more complicated, but workable. A formal offer from Prime Rock will be necessary to move it forward.

Hope this helps.

Lee

From: Lee Scarborough

Sent: Tuesday, January 30, 2018 1:32 PM

To: Jason, South (jason@primerockresources.com)

Cc: Corey Mitchell

Subject: Caper Project Area

Jason,

Please call me when you have time, I'd like to discuss our Caper Project with you. Specifically relating to the acreage trade options we proposed and our discussions with working interest owners on a W2 JOA. I believe the last time we talked you said Mike was reviewing our operating agreement.

Thank you.

From:

Lee Scarborough

Sent:

Thursday, February 15, 2018 10:19 AM

To:

Jason, South (jason@primerockresources.com)

Subject:

Caper Hearing

Jason,

Our Exploration Manager (Bruce Insalaco) is in Amarillo today. We need to get his blessing on postponing the hearing . . I'll get you an answer this afternoon, tomorrow morning at the latest!

Regards,

From:

Jason South <jason@primerockresources.com>

Sent:

Thursday, February 15, 2018 11:43 AM

To:

Lee Scarborough

Subject:

RE: Caper Hearing

Mr. Scarborough,

Thank you for the update. We are supposed to have a team meeting this afternoon so I will relay what we discussed on the phone yesterday. Hope you have a good one.

Thanks again,

Jason

Jason South, CPL
Prime Rock Resources, LLC
203 West Wall, Suite 1000
Midland, Texas 79701
Work: (432) 242-4683

Work: (432) 242-4683 Cell: (432) 210-1368

https://www.primerockresources.com



From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Thursday, February 15, 2018 10:19 AM

To: Jason South < iason@primerockresources.com >

Subject: Caper Hearing

Jason,

Our Exploration Manager (Bruce Insalaco) is in Amarillo today. We need to get his blessing on postponing the hearing . . I'll get you an answer this afternoon, tomorrow morning at the latest!

Regards,

From:

Lee Scarborough

Sent:

Friday, February 16, 2018 9:30 AM

To:

Jason, South (jason@primerockresources.com)

Subject:

Caper Project

Jason,

Thanks for your time this morning!

I spoke with Corey after our discussion, he's going to contact Jim Bruce, requesting that he process a continuance. Jim will let Mike Feldewert know.

From:

Jason South <jason@primerockresources.com>

Sent:

Tuesday, February 20, 2018 8:32 AM

To:

Lee Scarborough

Subject:

Re: Caper Project

Are we still good on the continuance? I'll be back in the office tomorrow but you can call my cell phone if you need to talk in the mean time. Hope you have a great day. Thanks!

Sent from my iPhone

On Feb 16, 2018, at 9:30 AM, Lee Scarborough < <a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>> wrote:

Jason,

Thanks for your time this morning!

I spoke with Corey after our discussion, he's going to contact Jim Bruce, requesting that he process a continuance. Jim will let Mike Feldewert know.

From:

Lee Scarborough

Sent:

Tuesday, February 20, 2018 9:46 AM

To:

Jason South

Subject:

**RE: Caper Project** 

Jason,

Sorry, this went to Corey, he forgot to send it to me! Jim Bruce copied Feldewert.

Lee

From: jamesbruc@aol.com [mailto:jamesbruc@aol.com]

Sent: Friday, February 16, 2018 11:28 AM

To: florene.davidson@state.nm.us; WilliamV.Jones@state.nm.us; phillip.goetze@state.nm.us;

davidk.brooks@state.nm.us; michael.mcmillan@state.nm.us

Cc: mfeldewert@hollandhart.com

Subject: Case 15971/Prime Rock and Case 15926/Mewbourne

All: Please continue these cases to March 8th. Both parties agree to the continuance.

Also, Fasken does not object.

Jim

From: Jason South [mailto:jason@primerockresources.com]

Sent: Tuesday, February 20, 2018 8:32 AM

**To:** Lee Scarborough **Subject:** Re: Caper Project

Are we still good on the continuance? I'll be back in the office tomorrow but you can call my cell phone if you need to talk in the mean time. Hope you have a great day. Thanks!

Sent from my iPhone

On Feb 16, 2018, at 9:30 AM, Lee Scarborough <a href="mailto:scarborough@mewbourne.com">scarborough@mewbourne.com</a> wrote:

Jason,

Thanks for your time this morning!

I spoke with Corey after our discussion, he's going to contact Jim Bruce, requesting that he process a continuance. Jim will let Mike Feldewert know.

From:

Jason South <jason@primerockresources.com>

Sent:

Tuesday, February 20, 2018 1:22 PM

To: Subject: Lee Scarborough Re: Caper Project

Great! Thank you.

Sent from my iPhone

On Feb 20, 2018, at 9:46 AM, Lee Scarborough < <a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>> wrote:

Jason,

Sorry, this went to Corey, he forgot to send it to me! Jim Bruce copied Feldewert.

Lee

From: jamesbruc@aol.com [mailto:jamesbruc@aol.com]

Sent: Friday, February 16, 2018 11:28 AM

To: florene.davidson@state.nm.us; WilliamV.Jones@state.nm.us; phillip.goetze@state.nm.us;

davidk.brooks@state.nm.us; michael.mcmillan@state.nm.us

Cc: mfeldewert@hollandhart.com

Subject: Case 15971/Prime Rock and Case 15926/Mewbourne

All: Please continue these cases to March 8th. Both parties agree to the continuance.

Also, Fasken does not object.

Jim

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Sent: Tuesday, February 20, 2018 8:32 AM

**To:** Lee Scarborough **Subject:** Re: Caper Project

Are we still good on the continuance? I'll be back in the office tomorrow but you can call my cell phone if you need to talk in the mean time. Hope you have a great day. Thanks!

Sent from my iPhone

On Feb 16, 2018, at 9:30 AM, Lee Scarborough < <a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>> wrote:

Jason,

Thanks for your time this morning!

I spoke with Corey after our discussion, he's going to contact Jim Bruce, requesting that he process a continuance. Jim will let Mike Feldewert know.

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
<a href="mailto:lscarborough@mewbourne.com">lscarborough@mewbourne.com</a>

#### MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020 Midland, Texas 79701 Phone (432) 682-3715 Fax (432) 685-4170

February 22, 2018

Overnight Mail (432-242-4683)

Prime Rock Resources, LLC 203 West Wall Street, #1000 Midland, Texas 79701 Attn: Mr. Jason South

Re:

Caper 20/29 B2CN Fed Com #1H

Section 20 and 29, Township 21 South, Range 32 East

Lea County, New Mexico

#### Gentlemen:

Referencing your letter dated February 13, 2018 requesting changes to the Operating Agreement for the drilling of the referenced well (copy enclosed for reference), below please find Mewbourne Oil Company's response to each listed item:

- 1. See Article XVI. E., Page 18, beginning at line 19.
- 2. Accepted, see Agreement.
- 3. Accepted, see Agreement.
- 4. Accepted, see Agreement.
- 5. Accepted, see Agreement.
- 6. Accepted, see Agreement.
- 7. Change unacceptable.
- 8. Corrected.
- 9. Accepted, see Agreement.
- 10. Provision removed.
- 11. Description changed.
- 12. Depth changed.
- 13. Accepted, see Agreement.
- 14. Accepted, see Agreement.
- 15. Change unacceptable.
- 16. Change unacceptable.
- 17. Change unacceptable.
- 18. Change unacceptable.
- 19. Description changed.

Enclosed for your execution is an Operating Agreement which incorporates the changes listed above. Please have the signature pages completed and returned to my attention no later than Friday, March 2, 2018 so we can remove Prime Rock from the hearing on March 8.

Very truly yours,

MEWROURNE OIL COMPANY

Lee M. Scarborough Landman Enclosures

From:

Jason South < jason@primerockresources.com>

Sent:

Thursday, February 22, 2018 12:03 PM

To:

Lee Scarborough

Subject:

Trade Proposal Letter

**Attachments:** 

Trade Proposal.pdf

Mr. Scarborough,

Please find attached the trade proposal letter we discussed a few minutes ago. Please let me know if you have any questions or need any additional information.

Also, Prime Rock is still willing to execute a mutually acceptable JOA covering the W/2 of Sections 20 & 29, T21S, R32E, Lea County, NM, limited to the Bone Spring Formation.

Thank you for your time and consideration of the trade proposal. Also, thank you for skipping lunch to take my call! Hope you have a great rest of the day.

Sincerely,

Jason

Jason South, CPL Prime Rock Resources, LLC 203 West Wall, Suite 1000 Midland, Texas 79701 Work: (432) 242-4683

Cell: (432) 210-1368

https://www.primerockresources.com



From:

Lee Scarborough

Sent:

Wednesday, February 28, 2018 8:23 AM

To:

'Mike Gray' Corey Mitchell

Cc: Subject:

RE: Caper 20/29 B2CN Fed Com # 1H Well

Mike,

Our charges are as stated in the COPAS: \$8,000 drilling; \$800 producing. This is consistent with other projects with extended laterals that we operate. The "sister" JOA in this project has been executed by the other parties and is the same, we are trying to keep them consistent for our accounting folks. Operating under two JOAs is not an ideal situation.

Thanks,

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Mike Gray [mailto:mike@primerockresources.com]

Sent: Tuesday, February 27, 2018 3:31 PM

To: Lee Scarborough

Cc: Jason South; Manny Sirgo

Subject: Caper 20/29 B2CN Fed Com # 1H Well

Lea with regard to our request for the following change:

1. Exhibit C. Article III., 1. A. (ii), Page 9, select Alternative 1 on line 37.

What is Mewbourne's typical total overhead charge through the drilling and completion of a well similar to the Caper Well, and what is the 12 mo. average total monthly producing overhead charge for a similar well?

**Thanks** 

Mike Gray
Prime Rock Resources, LLC
Office:432-242-4688
Cell: 432-349-7033
mike@primerockresources.com

From:

Lee Scarborough

Sent:

Wednesday, February 28, 2018 10:35 AM

To:

'Mike Gray' Corey Mitchell

Cc: Subject:

RE: Caper 20/29 B2CN Fed Com # 1H Well

Mike,

We don't have access to that detail out of this office, I'm trying to find someone in the Tyler office to help me.

When we've had this issue presented to us with other non-operator's, a compromise that seems to work is to select Alternative 3 under (ii). Let me know if that will satisfy Prime Rock.

Lee M. Scarborough
Landman
Mewbourne Oil Company
(432) 682-3715
Iscarborough@mewbourne.com

From: Mike Gray [mailto:mike@primerockresources.com]

Sent: Wednesday, February 28, 2018 9:44 AM

To: Lee Scarborough

Cc: Jason South; Manny Sirgo

Subject: RE: Caper 20/29 B2CN Fed Com # 1H Well

Lea,

Under Alternative 2 under Article III., 1. A. (ii) the Operator is to charge for Off-site Technical Services as a component of Overhead. If Mewbourne only charges the Fixed Rate Overhead of \$8000/\$800, Alternative 1 will conform with your practice. If Mewbourne does charge for Off-site Technical Service sunder Article III., 1. A. (ii) we'd like to know what the typical charges are.

**Thanks** 

Mike Gray Prime Rock Resources, LLC Office:432-242-4688 Cell: 432-349-7033

mike@primerockresources.com

From: Lee Scarborough [mailto:lscarborough@mewbourne.com]

Sent: Wednesday, February 28, 2018 8:23 AM

To: Mike Gray < mike@primerockresources.com >
Cc: Corey Mitchell < cmitchell@Mewbourne.com >
Subject: RE: Caper 20/29 B2CN Fed Com # 1H Well

Mike,

Our charges are as stated in the COPAS: \$8,000 drilling; \$800 producing. This is consistent with other projects with extended laterals that we operate. The "sister" JOA in this project has been executed by the other parties and is the same, we are trying to keep them consistent for our accounting folks. Operating under two JOAs is not an ideal situation.

Thanks,

Lee M. Scarborough Landman Mewbourne Oil Company (432) 682-3715 lscarborough@mewbourne.com

From: Mike Gray [mailto:mike@primerockresources.com]

Sent: Tuesday, February 27, 2018 3:31 PM

To: Lee Scarborough

Cc: Jason South; Manny Sirgo

Subject: Caper 20/29 B2CN Fed Com # 1H Well

Lea with regard to our request for the following change:

1. Exhibit C. Article III., 1. A. (ii), Page 9, select Alternative 1 on line 37.

What is Mewbourne's typical total overhead charge through the drilling and completion of a well similar to the Caper Well, and what is the 12 mo. average total monthly producing overhead charge for a similar well?

**Thanks** 

Mike Gray
Prime Rock Resources, LLC
Office:432-242-4688
Cell: 432-349-7033
mike@primerockresources.com

#### MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: Caper 20/29 B2CN FED Com #1H	rosp	ect: C	aper Prospect			
Location: SL: 360' FSL & 2000' FWL (17); BHL: 330' FSL & 1980' FWL (29)	] co	unty; L	ea		si	NM :
Sec. 17 Blk: Survey: TWP: 2	15	RNG;	32E Prop. TV	D: 10504	TMD:	20795
		offerson Bridge	The state of the s		High percent of	
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys	ŀ	0180-010		CODE 0 0180-0200		СС
Location / Road / Site / Preparation	_	0180-010		0180-0205		\$25,00
Location / Restoration	_	0180-010		0180-0206		\$15,00
Daywork / Tumkey / Footage Drilling 28 days drlg / 4 days comp @ \$19,000/d		0180-011		0180-0210		\$81,00
Fuel 1500 gal/day @ \$1.70/gal	_	0180-011				
Mud, Chemical & Additives Horizontal Drillout Services		0180-012	\$200,000	0180-0220		\$4E0.00
Cementing	⇥	0180-012	\$60,000	0180-0222		\$150,00
Logging & Wireline Services	_	0180-013		0180-0230		\$320,00
Casing / Tubing / Snubbing Service		0180-013	\$20,000			\$60,00
Mud Logging		0180-013	7 \$25,000	-		
Stimulation 52 Stg 20.3 MM gal x 20.3 MM #	-			0180-0241		3,721,00
Stimulation Rentals & Other Water & Other		0180-014	5 \$40,000	0180-0242		\$150,00 \$720,00
Bits	_	0180-014		0180-0248		\$4,00
Inspection & Repair Services		0180-015				\$5,00
Misc. Air & Pumping Services		0180-015		0180-0254		\$5,00
Testing & Flowback Services		0180-015	8 \$15,000			\$30,00
Completion / Workover Rig 3 days @ \$3500/day Run Tbg				0180-0260		\$10,50
Rig Mobilization Transportation		0180-016				640.00
Welding Services	_	0180-016 0180-016		0180-0265		\$12,00 \$5,00
Contract Services & Supervision		0180-017		0180-0266		\$42,00
Directional Services Includes Vertical control		0180-017				7.2,00
Equipment Rental		0180-018	0 \$195,000	0180-0280		\$40,00
Well / Lease Legal		0180-018		0180-0284		
Well / Lease Insurance Intangible Supplies		0180-018		0180-0285		***
Damages		0180-018 0180-019		0180-0288		\$1,00
ROW & Easements	_	0180-019		0180-0292		\$30,000
Pipeline Interconnect	-		-	0180-0293		400,000
Company Supervision		0180-019				\$115,000
Overhead Fixed Rate		0180-019		0180-0296		\$20,000
Well Abandonment		0180-019		0180-0298		
Contingencies 10% (TCP) 10% (CC)	_	0180-019		0180-0299		\$559,200
тоти		<del></del>	\$2,339,600		- \$6	,150,700
TANGIBLE COSTS 0181	1					
Casing (19.1" - 30") Casing (10.1" - 19.0") 1006' - 13 3/8" 54.5# J-55 ST&C @ \$34.63/ft		0181-079: 0181-079:		<del> </del>		
Casing (8.1" - 19.0") 3926' - 9 5/8" 40# N-80/HCL-80 LT&C @ \$25.00/ft	_	0181-079				
Casing (6.1" - 8.0") 10657' - 7" 29# P-110 LT&C @ \$21.21/ft	_	0181-079				
Casing (4.1" - 6.0") 10874' - 4 1/2" 13.5# P-110 BPN @ \$13.45/ft				0181-0797		\$155,400
Tubing (2" - 4") 9870' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.53/ft				0181-0798		\$47,600
Drilling Head		0181-0860	\$40,000			
Tubing Head & Upper Section 10k Frac valve and tree Horizontal Completion Tools	┈		<u> </u>	0181-0870		\$20,000
Sucker Rods	-		-	0181-0871		\$44,000
Subsurface Equipment				0181-0880		
Artificial Lift Systems				0181-0884		\$10,000
Pumping Unit				0181-0885		
Surface Pumps & Prime Movers VRU & SWD transfer pump	_			0181-0886		\$60,000
Tanks - Oil 3- 750 bbl  Tanks - Water 3-750 bbl	+			0181-0890		\$40,000
Separation / Treating Equipment 36"x15'x1000# 3 ph & 30"x10'x1000# 3 ph/ GB	-			0181-0891 0181-0895	-	\$50,000
Heater Treaters, Line Heaters 6'x20'x75# HT	_			0181-0897		\$15,000
Metering Equipment				0181-0898		\$14,000
Line Pipe & Valves - Gathering 4" Steel / 4 Miles 8" Poly				0181-0900	\$	300,000
Fittings / Valves & Accessories	_			0181-0906	-	\$65,000
Cathodic Protection Electrical Installation			<del> </del>	0181-0908		\$65,000
Electrical Installation  Equipment Installation				0181-0909		\$75,000 \$40,000
Pipeline Construction			<del> </del>	0181-0910		375,000
TOTA			\$421,600			,421,000
	===					
SUBTOTA	L		\$2,761,200		\$7	,571,700
TOTAL WELL COST				32,900		
extra Expense Insurance		100	5-44 (1254) 1/4 <u>2.</u> (	4 N 14 Can	W. Vel	CAN BE
I elect to be covered by Operator's Extra Expense Insurance and pay my propo						
Operator has secured Extra Expense Insurance covering costs of well control, clean				ine Item 0180	D-0185.	
l elect to purchase my own well control insurance policy.						
f neither box is checked above, non-operating working interest owner elects to be covered by Operator's well cor	ntrol in	euroneo				
Prepared by: R. Terrell Da	ite:	6/13/201	7			
Company Approval: M. whitee Day	te:	6/19/201	7			
	C State of	and an order	Market St. St. St. St. St. St. St. St. St. St	and the second	THE MENT TO	24.4
Joint Owner Interest: Amount:	Sec. 128	10 EST - 10	(0.0.1)		September 1	PACK SET

15926 [1597] 5/25-164

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 15926

AFFIDAVIT OF NOTICE
COUNTY OF SANTA FE )
STATE OF NEW MEXICO )
James Bruce, being duly sworn upon his oath, deposes and states:
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules NMAC 19.15.4.9 and 19.15.4.12.C.
James Bruce SUBSCRIBED AND SWORN TO before me this day of March, 2018 by James
My Commission Expires Described Application State of New Mexico My Commission Expires Described Application State of New Mexico Notary Public

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213 SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone) (505) 660-6612 (Cell) (505) 982-2151 (Fax)

jamesbrue@aol.com

December 14, 2017

#### CERTIFIED MAIL

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed is a copy of an application for a non-standard oil spacing and proration unit and compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding a Bone Spring well in the E½W½ of Section 20 and the E½W½ of Section 29, Township 21 South, Range 32 East, N.M.P.M., Lea County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, January 11, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, January 4, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,

James Bruce

Attorney for Mewbourne Oil Company

# EXHIBIT A

Fasken Acquisitions 02 LTD 6101 Holiday Hill Rd. Midland, Texas 79707 Attn: Ms. Linda H. Hicks

Paladin Energy Corporation/POGO Resources 10290 Monroe Drive, Suite 301 Dallas, Texas 75229 Attn: Mr. David J. Plaisance

Sheridan Holding Co. II LLC 9 Greenway Plaza, Suite 1300 Houston, Texas 77046 Attn: Mr. Thomas E. Voytovich

Vincero Resources Ltd. 2121 San Jacinto, Suite 860, LB 52 Dallas, Texas 75201 Attn: Mr. Robert S. Craine

Cordillera Energy Partners II LLC 100 Saint Paul Street, Suite 400 Denver, CO 80206 Attn: Mr. Clint Cook

S.E.S. Energy, Ltd. c/o EGL Resources Inc. P.O. Box 10250 Midland, Texas 79702 Attn: Mr. Mike Newman

Amarco Energy P.O. Box 10886 Midland, Texas 79702 Attn: Mr. Mike Newman

Printz II, LLC P.O. Box 10886 Midland, Texas 79702 Attn: Mr. Mike Newman

Prime Rock Resources, LLC 203 W. Wall Street, Suite 1000 Midland, Texas 79701 Attn: Mr. Manny Sirgo

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	CERTIFIED MAIL® RECEIL
■ Complete items 1, ⊾, and 3. ■ Driet volt name and address on the reverse	A Signature	For delivery information, visit our website at www
so that we can return the card to you.	P	
<ul> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	Hecewood by (Finish Name) C. Day of Defivery	Oertified Mail Fee
1. Article Addressed to:	D. is delivery address different from item 1? ☐ Yes if YES, enter delivery address below: ☐ No	SERITE Services & Fees (check box, add fee as appropriate)  - Reum Receipt (hardcopy)  - Reum Receipt (hardcopy)
Printz II, LLC P.O. Box 10886 Midland, Texas. 79702		Certified Mail festiritied Delivary S   Adult Signature Restricted Delivary S   Adult Signature Restricted Delivery S   Adult Signature Restricted Delivery S
	Service Type □ Priority Mail Express® □ Adult Signature □ Adult Signature □ Adult Signature Restricted Delivery □ Registered Mail Restricted □ Adult Signature Restricted Delivery □ Delivery □ Adult Signature Restricted Delivery □ Adult Signature Restricte	Sent To Prime Rock Resources 1.1.C Street and Apt. No. or PC 203 W Wall Street Naire (100)
9590 9402 2691 6351 8940 13		City, State, 21P-4*
2. Article Number Transform 20190 0000 8403 2769	Restricted Delivery Disgrature Confirmation  27557	78 Form 3900, April 2015 Pay (350-02.000-9647 See R
DO F 2811 1.14, 2015 DON 7520 02 000 00152	(over \$500)  A. — A. A. Domestic Return Receipt	

Postmark Here

IS SECTION	COMPLETE THIS SECTION ON DELIVERY	N DELIVERY
■ Complete items 1, ≥, and 3.	A. Signature	
Print your name and address on the reverse	× 14% of man	El Agent
so that we can return the card to you.	I The second of the	☐ Addressee
Attach this card to the back of the mailpiece,	B. Received by (Printed Name)	C. Date of Delivery
or on the front if space permits.	PARed man	17-18-17
	D. Is delivery address different from item 1?	om item 1?
	If YES, enter delivery address	s below:
S.U.C.	The State of the S	
203 W Wall Sucer, Same 1000		
Midland, Texas 79701		
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r delivery information, visit our website at www.usps.com®.	1. Article Addressed to:
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PS Form 3800, April 2015 PSN 7530-02-000-9047

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SENDER: COMPLEY—'THIS SECTION  Complete items 1, z, and 3.  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:  America Finery: P.O. Nox 10850 POTO Nox 10850 Anticons	20 00000000000000000000000000000000000	PS Form 3811, July 2015 PSN 7530-02-000-9053

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# Offset Ownership Caper 20/29 B2CN Federal Com #1H E/2W2 of Section 20 & Section 29, T21S, R32E Lea County, New Mexico

#### Section 17:

**EOG Resources Assets LLC - Operator** 

5509 Champions Drive Midland, Texas 79706 Attn: Wendy Dalton

EOG Y Resources Inc. 5509 Champions Drive Midland, Texas 79706 Attn: Wendy Dalton

EOG A Resources Inc. 5509 Champions Drive Midland, Texas 79706 Attn: Wendy Dalton

OXY Y-1 Company P.O. Box 27570 Houston, Texas 77227-7570 Attn: John V. Schneider

Sharbro Energy LLC 5509 Champions Drive Midland, Texas 79706 Attn: Wendy Dalton

#### Section 20:

Prime Rock Resources LLC – Operator 203 W. Wall Street, Suite 1000 Midland, Texas 79701-4525 Attn: Manny Sirgo

#### Section 29:

ConocoPhillips Company - Operator 600 N. Dairy Ashford Houston, Texas 77079 Attn: Judy N. Webb

Devon Energy Production Company, LP 333 West Sheridan Avenue Oklahoma City, Oklahoma 73102 Attn: Joe Hammond XTO Energy Inc. 810 Houston Street #2000 Fort Worth, Texas 76102-6298 Attn: Kenneth G. Hilger

Section 32:

Centennial Resource Development, Inc. – Operator 1001 17th Street, Suite 1800 Denver, Colorado 80202 Attn: Gavin Smith

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 15926

**EXHIBIT** 

#### **AFFIDAVIT OF NOTICE**

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213 SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone) (505) 660-6612 (Cell) (505) 982-2151 (Fax)

jamesbruc@aol.com

December 14, 2017

#### CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A:

Enclosed is a copy of an application for a non-standard oil spacing and proration unit and compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding a Bone Spring well the E/2W/2 of Section 20 and the E/2W/2 of Section 29, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, January 11, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an offset operator or working interest owner who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, January 4, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Vefy truly yours,

Attorney for Mewbourne Oil Company

#### EXHIBIT A

EOG Resources Assets LLC 5509 Champions Drive Midland, Texas 79706

Attention: Wendy Dalton

Prime Rock Resources LLC Suite 1000 203 West Wall Street Midland, Texas 79701

Attention: Manny Sirgo

ConocoPhillips Company 600 North Dairy Ashford Houston, Texas 77079

Attention: Judy Webb

Centennial Resource Development, Inc. Suite 1800 1001 17<sup>th</sup> Street Denver, Colorado 80202

Attention: Gavin Smith

A Red by (Printed Name Red by (Printed Name Red M M or rery address different turn enter delivery address different enter delivery estricted Delivery estricted Delivery estricted Delivery estricted Delivery enter del	City, Siate, ZiP+4*	Total Postage and Fees Prime Rock Resources LLC Sent To Sireet and Apt. No., or FO Midland, Texas 79701	Estra Services & Fees (check box, add fee as appropriate)  Return Rucokyk (hardeopy) \$	U.S. Postal Service  CERTIFIED MAIL® RECAMPT  Domestic Mail Only  For delivery information, visit our website at www.usps.com®.	PS Form 3811, July 2015 PSN 7530-02-000-9053	9590 9402 2691 6351 8939 93 2. Article Nillender Character 1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Prime Rock Resources LLC Suite 1000 203 West Wall Street Midland, Texas 79701	<ul> <li>■ Complete items 1, ∠, √nd 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> </ul>	SENDER: COMPLET THIS SECTION
And	2. Artic 7017	9590 9402 2691 63	<b></b>	SENDIER: COMPLET - 14  Complete items 1, 2, and Print your name and addr so that we can return the so that we can return the ba or on the front if space por on the font if space por 1. Article Addressed to:	Capin-			Signature  PA Redman  PA Red Man  S delivery address different from item 17  If YES enter delivery address below:	COMPLETE THIS SECTION ON DELIVERY

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City, State, ZiP+↓4* PS, Form \$800, April 2015 PSN 750-12-000-8047	Suite 1800 Sent To 1001 17th Street Denver, Colorado 80202	Postage  Postage  S  Total Postage and Fr Centennial Resource Development, Inc.	Return Receipt (electronic)   S	ertified Mail Fe	CERTIFIED MAIL® REQUENCESTIC Mail Only For delivery information, visit our website at
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PS Form 3811, July 2015 PSN 7530-02-000-9053	2. Artic 7017 0190 0000 8403 7844	79	Centennial Resource Development, Inc. Suite 1800 1001 17 <sup>th</sup> Street Denver, Colorado 80202	1. Article Addressed to:	<ul> <li>SENDER: COMPLETY—"US SECTION</li> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>
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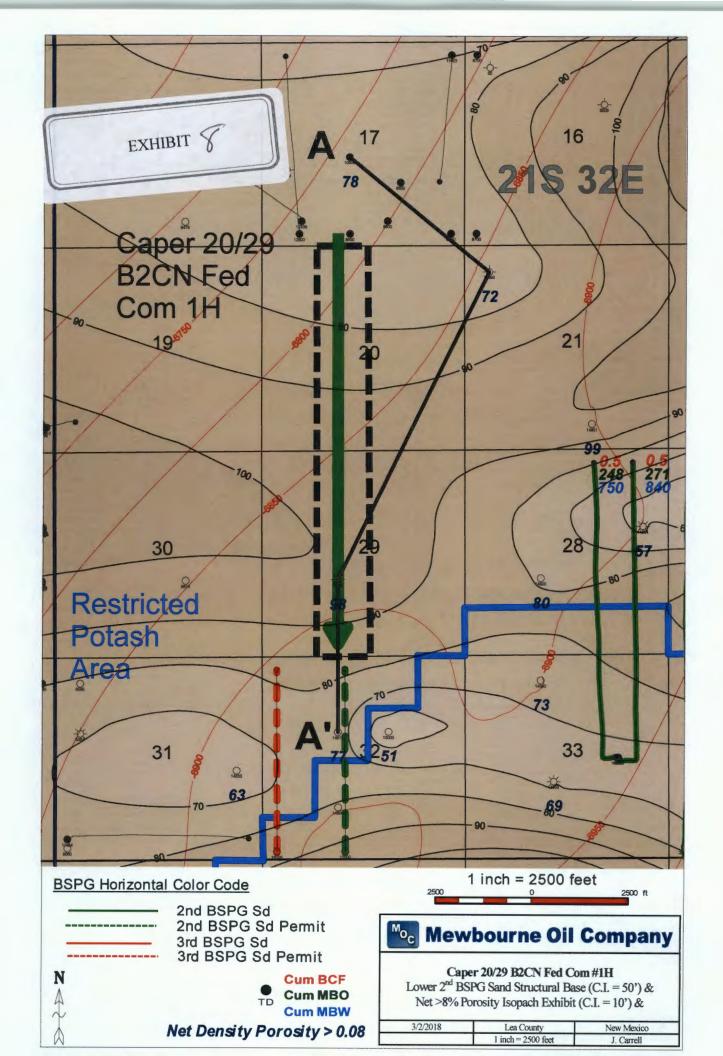
Siver and Apr. No. or \$1509 Champions Drive City State, 2/2-13* Midland, Texas 79706  PS Form 2800, April 2015 PSI 7550-2500-2017	CERTIFIED MAIL® NECE  CONTROL MEILONNY  For delivery information, visit our website at  Contiled Mail Fee  Extra Services & Fees (check box, add fee as appropriate)  Certified Mail Restricted Delivery \$  Adult Signature Restricted Delivery \$  Adult Signature Restricted Delivery \$  Total Postage and Fees  Sent To  Total Postage and Fees  Sent To	PS Form 3811, July 2015 PSN 7530-02-000-9053	9590 9402 2691 6351 8939 86 2. Article Number (Transfer from contino laboli 7017 0190 0000 8402 55		SENDER: COMPLET *HISSECTION  Complete items 1, 2, and 3.  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 malipiece, or on the front if space permits.
	www.usps.com®	M ー Gyssa ー Deinestic Raturn Receipt	Service Type     □ Adult Signature     □ Adult Signature Restricted Delivery     □ Certified Mall®     □ Collect on Delivery     □ Signature Confirmation Restricted Delivery     □ Signature Confirmation Restricted Delivery	If YES, enter delivery address below:	A. Signature A. Signature A. Signature B. Received by (Printed Name) C. Date of Delivery

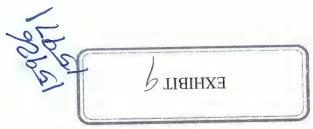
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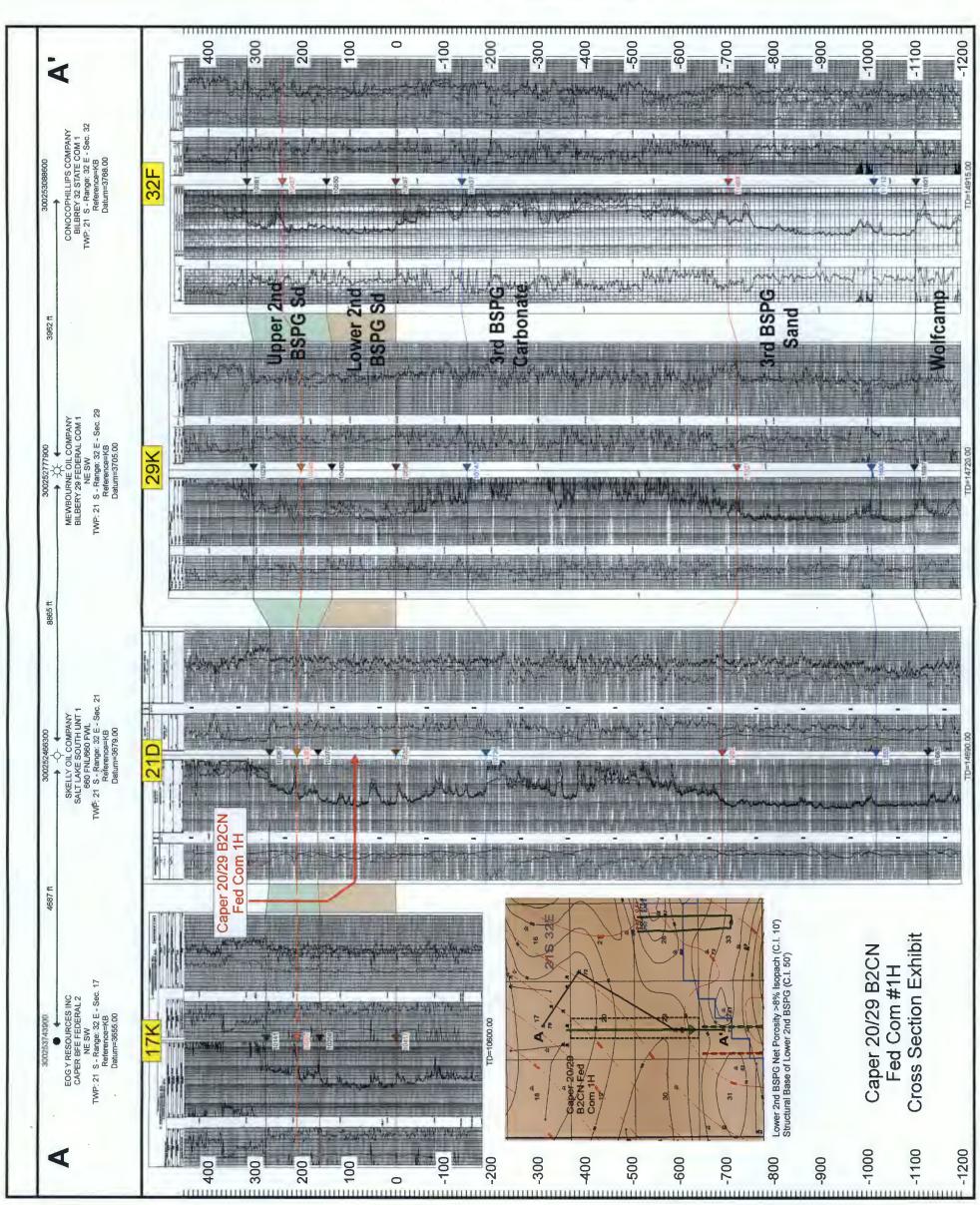
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Well Name	Operator	API	Location	Vertical/Horizontal	Vertical/Horizontal 2nd BSPG Comp Date Cum Oil (MBO) Cum Gas (BCF) Cum Water (MBW)	Cum Oil (MBO)	Cum Gas (BCF)	Cum Water (MBW)	NS/EW	HZ Target
Bilbrey 33 Federal Com 3H	ilbrey 33 Federal Com 3H Devon Energy Production Co. 3002541806	3002541806	33G28B/21S/32E	Horizontal	12/16/2014	248	0.5	750	SN	Lower 2nd BSPG Sand
Bilbrey 33 Federal Com 4H	ilbrey 33 Federal Com 4H Devon Energy Production Co. 3002541807	3002541807	33H28A/21S/32E	Horizontal	12/2/2014	271	0.5	840	SN	Lower 2nd BSPG Sand
Bilbrey 34/27 B2MD Fed Com 1H Mewbourne Oil Co.	H Mewbourne Oil Co.	3002543872	34M27D/21S/32E	Horizontal	11/30/2017	26	0.0	96	SN	Lower 2nd BSPG Sand
Bilbrey Basin 5 State Com 1H	Bilbrey Basin 5 State Com 1H Devon Energy Production Co. 3002540987	3002540987	5N4N/22S/32E	Horizontal	9/28/2013	127	0.2	294	EW	Lower 2nd BSPG Sand
Anderson 35 3H	Oxy USA WTP LP	3002541780	35LI/21S/32E	Horizontal	11/23/2014	85	00	NVC.	C16/	bac Odod bac some

EXHIBIT ()

### **Mewbourne Oil Company**

Lea County, New Mexico NAD 83 Caper 20/29 B2CN Fed Com #1H

Sec 17, T21S, R32E

SL: 360' FSL & 2000' FWL, Sec 17 BHL: 330' FSL & 1980' FWL, Sec 29

Plan: Design #1

## **Standard Planning Report**

05 June, 2017

EXHIBIT //

Database: Hobbs Company: Mewbourne Oil Company Project: Lea County, New Mexico NAD 83 Site: Caper 20/29 B2CN Fed Com #1H

Sec 17, T21S, R32E Well:

Wellbore: BHL: 330' FSL & 1980' FWL, Sec 29

Design: Design #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: Survey Calculation Method: Site Caper 20/29 B2CN Fed Com #1H WELL @ 3664.0usft (Onginal Well Elev) WELL @ 3664.0usft (Original Well Elev)

Minimum Curvature

Project Lea County, New Mexico NAD 83

Map System: Geo Datum:

Map Zone:

Site

From:

US State Plane 1983 North American Datum 1983 New Mexico Eastern Zone

System Datum:

Mean Sea Level

Caper 20/29 B2CN Fed Com #1H

Site Position:

Мар

Northing: Easting:

536,177.00 usft 736,975.00 usft

Latitude: Longitude:

32° 28' 20.695 N 103° 41' 56.226 W

**Position Uncertainty:** 

0.0 usft

Slot Radius:

13-3/16 "

**Grid Convergence:** 

Well Sec 17, T21S, R32E

**Well Position** 

+N/-S +E/-W 0.0 usft 0.0 usft

Northing: Easting:

536,177.00 usft 736,975.00 usft Latitude: Longitude:

32° 28' 20.695 N 103° 41' 56.226 W

0.0 usft Wellhead Elevation: 3,654.0 usft **Position Uncertainty** 

**Ground Level:** 

3,637.0 usft

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	and the second s	THE TAX OF STREET PARTY AND THE STREET STREET, SECOND STREET, SECO			
Wellbore BHL: 33	30' FSL & 1980' FWL, Sec 29				V C STORY CONTRACTOR

Design #1 Design **Audit Notes: PROTOTYPE** Version: Phase: Tie On Depth: 0.0 Vertical Section: Depth From (TVD) +E/-W Direction (usft) (usft) (") 0.0 0.0 179.73 0.0

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20,769.3	89.28	179.62	10,504.0	-10,594.0	49.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 1980

Database: Company: Project: Site:

Well:

Mewbourne Oil Company Lea County, New Mexico NAD 83 Caper 20/29 B2CN Fed Com #1H

Sec 17, T21S, R32E

Wellbore: Design:

BHL: 330' FSL & 1980' FWL, Sec 29 Design #1

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method:

Site Caper 20/29 B2CN Fed Com #1H WELL @ 3664.0usft (Original Well Elev) WELL @ 3664.0usft (Original Well Elev) Grid

Planned Survey	Control of the Contro	HK JURY C MASCADAIN ACTION ASSAULT	nder begrammissen aus med Sign 1944 i s	CHIRARI MINICES DESCRIPTION DE L'ARREST		moutification of the Section of	San Market Provide a 1 November 2 Section 1	A CONTRACTOR	
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1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0 3,800.0	0.00 0.00	0.00 0.00	3,700.0 3,800.0	0.0 0.0	0.0 0.0	0.0	0.00 0.00	0.00 0.00	0.00 0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0 0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00 0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0 4,400.0	0.00 0.00	0.00	4,300.0 4,400.0	0.0 0.0	0.0 0.0	0.0 0.0	0.00 0.00	0.00 0.00	0.00 0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0 4,900.0	0.00	0.00 0.00	4,800.0	0.0 0.0	0.0 0.0	0.0 0.0	0.00 0.00	0.00	0.00 0.00
	0.00		4,900.0					0.00	
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00

Database: Company: Project:

Site:

Well:

Hobbs

Mewbourne Oil Company Lea County, New Mexico NAD 83 Caper 20/29 B2CN Fed Com #1H

Sec 17, T21S, R32E

Wellbore: BHL: 330' FSL & 1980' FWL, Sec 29

Design: Design #1 Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Site Caper 20/29 B2CN Fed Com #1H WELL @ 3664.0usft (Original Well Elev) WELL @ 3664.0usft (Original Well Elev) Grid

Planned Survey									
Measured	10 10 10 10 10 10 10 10 10 10 10 10 10 1	拉拉 声。	Vertical	是强度的	742 F	Vertical	Dogleg	Build -	Turn
Depth	nclination	Azimuth	Depth	+N/S	+E/-W	Section	Rate	Rate	Rate
(usft)	(*)	(*)	(usft)	(usft)	(usft)	(usft)	(*/100usft)	(*/100usft)	(*/100usft)
F 200 0	0.00	an Earl Are	5 200 0		CHARLEST MC SEC	0.0		0.00	
5,300.0 5,400.0	0.00 0.00	0.00 0.00	5,300.0 5,400.0	0.0 0.0	0.0 0.0	0.0 0.0	0.00 0.00	0.00 0.00	0.00 0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0,00
9,901.5	0.00	0.00	9,901.5	0.0	0.0	0.0	0.00	0.00	0.00
9,901.5 KOP @ 9902'	0.00	0.00	3,301.3	0.0	0.0	0.0		9.00 9.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00 (8.00	0.00
10,000.0	11.82	181.63	9,999.3	-10.1	-0.3	10.1	12.00	12.00	0.00
10,100.0	23.82	181.63	10,094.3	-10.1 -40.6	-0.3 -1.2	40.6	12.00	12.00	0.00
10,200.0	35.82	181.63	10,180.9	- <del>4</del> 0.6 -90.2	-1.2 -2.6	90.2	12.00	12.00	0.00
10,300.0	47.82	181.63	10,255.3	-156.8	-4.5	156.8	12.00	12.00	0.00
10,000.0							00		

Database:

Hobbs

Mewbourne Oil Company Company: Project: Lea County, New Mexico NAD 83 Caper 20/29 B2CN Fed Com #1H Site: Well:

Sec 17, T21S, R32E

BHL: 330' FSL & 1980' FWL, Sec 29 Wellbore:

Design #1 Design:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Site Caper 20/29 B2CN Fed Com #1H WELL @ 3664.0usft (Original Well Elev) WELL @ 3664.0usft (Original Well Elev)

Grid

Planned Survey									
Measured			Vertical			Vertical	Dogleg	Build	Turn
Measured Depth	inclination	Azimuth	verucai Depth	+N/-S	+E/-W	vertical Section	Rate	Rate	Rate
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(*/100usft)	(°/100usft)	(°/100usft)
10,400.0	59.82	181.63	10,314.3	-237.3	-6.7	237.3	12.00	12.00	0.00
10,500.0	71.82	181.63	10,355.2	-328.3	-9.3	328.3	12.00	12.00	0.00
10,600.0	83.82	181.63	10,376.2	-425.9	-12.1	425.8	12.00	12.00	0.00
10,657.4	90.70 90.41	181.63 181.22	10,379.0 10,378.6	-483.1 -525.7	-13.7 -14.8	483.1 525.6	12.00 1.19	12.00 -0.69	0.00 -0.97
10,700.0									
10,800.0	89.72	180.25	10,378.4	-625.7	-16.1	625.6	1.19	-0.69	-0.97
10,864.3	89.28	179.62	10,379.0	-690.0	-16.0	689.9	1.19	-0.69	-0.97
10,900.0	" FNL & 1980" FW 89.28	7 <b>L, Sec 20</b> 179.62	10,379.5	-725.7	-15.8	725.6	0.00	0.00	0.00
11,000.0	89.28	179.62	10,380.7	-825.7	-15.1	825.6	0.00	0.00	0.00
11,100.0	89.28	179.62	10,382.0	-925.7	-14.5	925.6	0.00	0.00	0.00
11,200.0	89.28	179.62	10,383.2	-1,025.7	-13.8	1,025.6	0.00	0.00	0.00
11,300.0	89.28	179.62	10,384.5	-1,125.7	-13.0	1,125.6	0.00	0.00	0.00
11,400.0	89.28	179.62	10,385.8	-1,225.6	-12.5	1,225.6	0.00	0.00	0.00
11,500.0	89.28	179.62	10,387.0	-1,325.6	-11.8	1,325.6	0.00	0.00	0.00
11,600.0	89.28	179.62	10,388.3	-1,425.6	-11.2	1,425.6	0.00	0.00	0.00
11,700.0	89.28	179.62	10,389.5	-1,525.6	-10.5	1,525.6	0.00	0.00	0.00
11,800.0	89.28	179.62	10,390.8	-1,625.6	-9.9	1,625.5	0.00	0.00	0.00
11,900.0	89.28	179.62	10,392.1	-1,725.6	-9.2	1,725.5	0.00	0.00	0.00
12,000.0	89.28	179.62	10,393.3	-1,825.6	-8.5	1,825.5	0.00	0.00	0.00
12,100.0	89.28	179.62	10,394.6	-1,925.6	-7.9	1,925.5	0.00	0.00	0.00
12,200.0	89.28	179.62	10,395.9	-2,025.6	-7.2	2,025.5	0.00	0.00	0.00
12,300.0	89.28	179.62	10,397.1	-2,125.6	-6.6	2,125.5	0.00	0.00	0.00
12,400.0	89.28	179.62	10,398.4	-2,225.5	-5.9	2,225.5	0.00	0.00	0.00
12,500.0	89.28	179.62	10,399.6	-2,325.5	-5.3	2,325.5	0.00	0.00	0.00
12,600.0	89.28	179.62	10,400.9	-2,425.5	-4.6	2,425.5	0.00	0.00	0.00
12,700.0	89.28	179.62	10,402.2	-2,525.5	-4.0	2,525.5	0.00	0.00	0.00
12,800.0	89.28	179.62	10,403.4	-2,625.5	-3.3	2,625.5	0.00	0.00	0.00
12,900.0	89.28	179.62	10,404.7	-2,725.5	-2.6	2,725.5	0.00	0.00	0.00
13,000.0	89.28	179.62	10,406.0	-2,825.5	-2.0	2,825.4	0.00	0.00	0.00
13,100.0	89.28	179.62	10,407.2	-2,925.5	-1.3	2,925.4	0.00	0.00	0.00
13,200.0	89.28	179.62	10,408.5	-3,025.5	-0.7	3,025.4	0.00	0.00	0.00
13,300.0	89.28	179.62	10,409.7	-3,125.5	0.0	3,125.4	0.00	0.00	0.00
13,400.0	89.28 80.28	179.62 179.62	10,411.0	-3,225.4 -3.325.4	0.6 1.3	3,225.4	0.00 0.00	0.00	0.00 0.00
13,500.0 13,600.0	89.28 89.28	179.62	10,412.3 10,413.5	-3,325.4 -3,425.4	1.3 2.0	3,325.4 3,425.4	0.00	0.00 0.00	0.00
			•						
13,700.0 13,800.0	89.28 89.28	179.62 179.62	10,414.8 10,416.0	-3,525.4 -3,625.4	2.6 3.3	3,525.4 3,625.4	0.00 0.00	0.00 0.00	0.00 0.00
13,800.0	89.28	179.62	10,416.0	-3,625.4 -3,725.4	3.3 3.9	3,625.4 3,725.4	0.00	0.00	0.00
14,000.0	89.28	179.62	10,417.5	-3,825.4	4.6	3,825.4	0.00	0.00	0.00
14,100.0	89.28	179.62	10,419.8	-3,925.4	5.2	3,925.4	0.00	0.00	0.00
14,200,0	89.28	179.62	10,421.1	-4,025.4	5.9	4,025,4	0.00	0.00	0.00
14,300.0	89.28	179.62	10,421.1	-4,125.4	6.5	4,125.3	0.00	0.00	0.00
14,400.0	89.28	179.62	10,423.6	-4,225.3	7.2	4,225.3	0.00	0.00	0.00
14,500.0	89.28	179.62	10,424.9	-4,325.3	7.9	4,325.3	0.00	0.00	0.00
14,600.0	89.28	179.62	10,426.1	-4,425.3	8.5	4,425.3	0.00	0.00	0.00
14,700.0	89.28	179.62	10,427.4	-4,525.3	9.2	4,525.3	0.00	0.00	0.00
14,800.0	89.28	179.62	10,428.7	-4,625.3	9.8	4,625.3	0.00	0.00	0.00
14,900.0	89.28	179.62	10,429.9	-4,725.3	10.5	4,725.3	0.00	0.00	0.00
15,000.0	89.28	179.62	10,431.2	-4,825.3	11.1	4,825.3	0.00	0.00	0.00
15,100.0	89.28	179.62	10,432.5	-4,925.3	11.8	4,925.3	0.00	0.00	0.00
15,200.0	89.28	179.62	10,433.7	-5,025.3	12.5	5,025.3	0.00	0.00	0.00
15,300.0	89.28	179.62	10,435.0	-5,125.3	13.1	5,125.3	0.00	0.00	0.00
15,400.0	89.28	179.62	10,436.2	-5,225.2	13.8	5,225.3	0.00	0.00	0.00

Database: Company: Project: Site:

Well:

Hobbs

Mewbourne Oil Company Lea County, New Mexico NAD 83 Caper 20/29 B2CN Fed Com #1H

Sec 17, T21S, R32E

Wellbore: BHL: 330' FSL & 1980' FWL, Sec 29

Design: Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Site Caper 20/29 B2CN Fed Com #1H WELL @ 3664.0usft (Original Well Elev) WELL @ 3664.0usft (Original Well Elev)

Performance	Planned Survey		AUGU PALIMONNIA SANTONI			THE RESERVE OF THE PROPERTY OF THE				
Cab								F (6) 1867		
Cab	Measured	National Artist	ngtur.	Vertical			Vertical	Dogleg	Bulld	Torn
	(2) 大型 (特別 ) (4) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4		Control of the second	and the subscription of th		)=(N)	HARAGE BURNEY DESCRIPTION	Contract to the second	and the state of the state of the second state	
15,500.0	The state of the second state of the second		Marie and the Principle of the Party of the				THE PARTY OF THE P	COMPANY OF BUILDING STATE OF S		
15,500.0	(usit, "	( <b>1)</b>	<b>(7)</b>	(usrt)	(usn)	(usit)	(usit)	(viousit)	(71000SR)	Criovasti
15,500.0	15,500.0	89.28	179.62	10.437.5	-5.325.2	14.4	5.325.2	0.00	0.00	0.00
15,700.0 88.28 179.62 10,441.0 5,525.2 15.7 5,525.2 0.00 0.00 0.00 15,815.8 82.8 179.62 10,441.5 5,641.0 16.5 5,641.0 0.00 0.00 0.00 15,815.8 82.8 179.62 10,441.5 5,641.0 16.5 5,641.0 0.00 0.00 0.00 0.00 15,815.8 82.8 179.62 10,441.5 5,641.0 16.5 5,641.0 0.00 0.00 0.00 0.00 15,815.8 82.8 179.62 10,442.5 5,725.2 17.0 5,725.2 0.00 0.00 0.00 0.00 16,000.0 82.8 179.62 10,445.8 5,225.2 17.0 5,725.2 0.00 0.00 0.00 0.00 0.00 16,000.0 82.8 179.62 10,445.1 5,825.2 18.4 5,525.2 0.00 0.00 0.00 0.00 18,200.0 82.8 179.62 10,445.1 5,825.2 18.4 5,825.2 0.00 0.00 0.00 0.00 18,200.0 82.8 179.62 10,445.0 4.125.2 19.7 6,125.2 0.00 0.00 0.00 0.00 18,200.0 82.8 179.62 10,445.0 4.125.2 19.7 6,125.2 0.00 0.00 0.00 0.00 18,200.0 82.8 179.62 10,445.0 4.525.1 20.0 8,225.0 0.00 0.00 0.00 0.00 18,200.0 82.8 179.62 10,455.0 4.825.1 20.0 8,225.0 0.00 0.00 0.00 0.00 18,500.0 88.28 179.62 10,455.0 4.825.1 21.0 8,325.1 0.00 0.00 0.00 0.00 18,500.0 88.28 179.62 10,455.0 4.825.1 21.0 8,325.1 0.00 0.00 0.00 0.00 18,500.0 88.28 179.62 10,455.0 4.825.1 22.3 6.525.1 0.00 0.00 0.00 0.00 18,500.0 88.28 179.62 10,455.0 4.825.1 22.3 6.525.1 0.00 0.00 0.00 0.00 18,500.0 88.28 179.62 10,455.2 4.825.1 22.3 6.525.1 0.00 0.00 0.00 0.00 18,500.0 88.28 179.62 10,455.2 4.825.1 22.3 6.525.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.2 4.825.1 22.3 6.525.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.4 4.825.1 12.3 6 6.725.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.4 4.825.1 12.3 6 6.725.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.4 4.825.1 12.5 10.00 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,465.4 4.725.2 12.5 12.5 12.5 12.5 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,465.4 4.825.1 12.5 12.5 12.5 12.5 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,465.4 4.825.1 12.5 12.5 12.5 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,466.5 3.7,255.0 28.9 7,255.1 0.00 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,466.5 3.7,255.0 28.9 7,255.1 0.00 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,466.5 3.7,255.0 28.9 7,255.1	1									
15,880.0 88 28 179.62 10,4413 -5,625.2 16.4 5,625.2 0.00 0.00 0.00 1.00 15,816.5 89.28 28 179.62 10,4415 -5,641.0 16.5 5,841.0 0.00 0.00 0.00 1.00 15,800.0 89.28 179.62 10,443.8 -5,825.2 17.7 5,825.2 0.00 0.00 0.00 0.00 16,000.0 89.28 179.62 10,443.8 -5,825.2 17.7 5,825.2 0.00 0.00 0.00 0.00 16,000 89.28 179.62 10,443.8 -5,825.2 17.7 5,825.2 0.00 0.00 0.00 0.00 16,200.0 89.28 179.62 10,445.3 -6,025.2 19.0 6,025.2 0.00 0.00 0.00 0.00 16,200.0 89.28 179.62 10,446.3 -6,025.2 19.0 6,025.2 0.00 0.00 0.00 0.00 16,300.0 89.28 179.62 10,446.9 -6,225.1 19.7 6,125.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,446.9 -6,225.1 20.3 6,225.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,446.9 -6,225.1 20.3 6,225.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,450.1 46.26 4.825.1 21.0 6,325.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,450.1 46.26 4.825.1 21.0 6,325.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,450.1 46.26 4.825.1 21.0 6,325.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,455.1 20.3 6,225.1 20.0 6,825.1 0.00 0.00 0.00 16,800.0 89.28 179.62 10,455.9 4.825.1 22.3 6,825.1 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.9 4.825.1 23.0 8,825.1 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.4 4,825.1 22.3 6,825.1 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 17,000.0 89.28 179.62 10,455.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.0 24.3 6,825.1 0.00 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 4,825.0 0.00 0.00 0.00 0.00 0.00 0.00 0.00	,			•			•			
15,816.5   80.28   179.62   10,441.5   5,641.0   16.5   5,641.0   0.00   0.00   0.00   0.00   0.00   15,900.0   80.28   179.62   10,442.5   -5,725.2   17.0   5,725.2   0.00   0.00   0.00   0.00   16,000.0   80.28   179.62   10,445.1   -5,925.2   18.4   5,925.2   0.00   0.00   0.00   0.00   16,200.0   80.28   179.62   10,445.1   -5,925.2   18.4   5,925.2   0.00   0.00   0.00   0.00   16,200.0   80.28   179.62   10,446.1   -5,925.2   18.4   5,925.2   0.00   0.00   0.00   0.00   16,300.0   80.28   179.62   10,446.1   -5,025.2   19.0   6,025.2   0.00   0.00   0.00   0.00   16,500.0   80.28   179.62   10,445.1   -6,325.1   21.0   6,325.2   0.00   0.00   0.00   0.00   16,500.0   80.28   179.62   10,450.1   -6,325.1   21.0   6,325.2   0.00   0.00   0.00   0.00   16,500.0   80.28   179.62   10,450.1   -6,325.1   21.6   6,425.2   0.00   0.00   0.00   0.00   16,500.0   80.28   179.62   10,450.1   -6,325.1   21.6   6,425.2   0.00   0.00   0.00   0.00   16,500.0   80.28   179.62   10,450.4   -6,325.1   21.6   6,425.2   0.00   0.00   0.00   0.00   16,500.0   80.28   179.62   10,453.9   -6,325.1   23.0   6,255.1   0.00   0.00   0.00   0.00   16,500.0   80.28   179.62   10,453.9   -6,325.1   23.0   6,255.1   0.00   0.00   0.00   17,000.0   80.28   179.62   10,459.4   -6,825.1   23.0   6,255.1   0.00   0.00   0.00   17,000.0   80.28   179.62   10,457.4   -6,825.1   24.9   6,255.1   0.00   0.00   0.00   17,000.0   80.28   179.62   10,457.4   -6,825.1   24.9   6,255.1   0.00   0.00   0.00   17,000.0   80.28   179.62   10,457.4   -7,225.0   26.5   7,225.1   0.00   0.00   0.00   17,000.0   80.28   179.62   10,457.4   -7,225.0   26.5   7,225.1   0.00   0.00   0.00   17,000.0   80.28   179.62   10,469.1   -7,225.0   26.5   7,225.1   0.00   0.00   0.00   17,000.0   80.28   179.62   10,469.1   -7,225.0   26.5   7,225.1   0.00   0.00   0.00   0.00   17,000.0   80.28   179.62   10,469.1   -7,225.0   26.5   7,225.1   0.00   0.00   0.00   0.00   17,000.0   80.28   179.62   10,469.1   -7,225.0   26.5   7,225.1   0.00   0.00   0.00   0.00	'						•			
PPP1:0 FNL & 1980 FNL   1980 FN	· ·									
15,900			179.62	10,441.5	-5,641.0	16.5	5,641.0	0.00	0.00	0.00
16,000 0 89.28 17962 10,443 1 5,825 2 17.7 5,825.2 0.00 0.00 0.00 0.00 16,200 0 89.28 17962 10,445 1 5,925.2 19.4 6,252 0.00 0.00 0.00 0.00 16,200 0 89.28 17962 10,446 3 6,025 2 19.4 6,025 2 0.00 0.00 0.00 0.00 16,200 0 89.28 17962 10,446 3 6,025 2 19.7 6,125 2 0.00 0.00 0.00 0.00 16,500 0 89.28 17962 10,450 4 6,225 1 22.0 6,325 2 0.00 0.00 0.00 0.00 16,500 0 89.28 17962 10,451 4 6,425 1 21.0 6,325 2 0.00 0.00 0.00 0.00 16,500 0 89.28 17962 10,451 4 6,425 1 21.0 6,325 1 0.00 0.00 0.00 16,500 0 89.28 17962 10,451 4 6,425 1 21.0 6,325 1 0.00 0.00 0.00 0.00 16,500 0 89.28 17962 10,459 4 6,825 1 22.3 6,525 1 0.00 0.00 0.00 0.00 16,500 0 89.28 17962 10,459 4 6,825 1 23.0 6,625 1 0.00 0.00 0.00 0.00 16,500 0 89.28 17962 10,459 4 6,825 1 23.0 6,625 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,459 4 6,825 1 23.0 6,625 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,459 4 6,825 1 24.3 6,825 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,459 7 6,825 1 24.3 6,825 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,459 7 6,825 1 24.3 6,725 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,459 7 7,025 1 24.3 6,825 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,459 7 7,025 1 25,6 7,025 1 0.00 0.00 0.00 17,000 89.28 17962 10,459 7 7,025 1 25,6 7,025 1 0.00 0.00 0.00 17,000 89.28 17962 10,459 7 7,225 1 25,6 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 2 7,125 1 25,6 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 7 7,25 1 25,6 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 7 7,25 1 25,6 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 7 7,25 1 25,6 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 8 7,725 0 25,9 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 8 7,725 0 25,9 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 8 7,725 0 25,9 7,25 1 0.00 0.00 0.00 0.00 17,000 89.28 17962 10,469 8 7,725 0 25,9 7,25 1 0.00 0.00 0.00 0.00 0.00 18,000 89.28 17962 10,469 8 7,725 0 30.8 7,825 0 0.00 0.00 0.00 0.00 18,000 89.28 17962 10,469 8 7,725 0 30.8 7,825 0 0.00 0.00 0.00 0.00 18,000 89.28 17962 10,469 8 7,725 0 30.8 7,825	PPP1: 0' FNL &	1980' FWL								
16,100.0 89.28 17962 10.445.1 5.925.2 18.4 5,925.2 0.00 0.00 0.00 16,200.0 89.28 17962 10.447.5 6.125.2 19.0 6,025.2 0.00 0.00 0.00 10.00 16,300.0 89.28 17962 10.447.6 6.125.2 19.7 6,125.2 0.00 0.00 0.00 10.00 16,400.0 89.28 17962 10.450.6 8.225.1 20.3 6,225.2 0.00 0.00 0.00 0.00 16,500.0 89.28 17962 10.450.6 8.225.1 21.0 6.325.2 0.00 0.00 0.00 16,500.0 89.28 17962 10.452.6 6.225.1 21.0 6.325.2 0.00 0.00 0.00 16,500.0 89.28 17962 10.452.6 6.525.1 21.0 6.525.1 0.00 0.00 0.00 16,500.0 89.28 17962 10.452.6 6.525.1 22.3 6,252.1 0.00 0.00 0.00 16,500.0 89.28 17962 10.452.6 6.525.1 22.3 6,252.1 0.00 0.00 0.00 17,000.0 89.28 17962 10.452.6 6.525.1 23.0 6,625.1 0.00 0.00 0.00 17,000.0 89.28 17962 10.452.6 6.725.1 23.0 6,625.1 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.4 8.825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.4 8.825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.4 8.825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.4 8.825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.4 8.825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.4 8.825.1 24.9 8.925.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.4 8.825.1 24.9 8.925.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.456.7 7.255.0 26.9 7.225.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.469.0 7.7025.1 25.6 7.025.1 0.00 0.00 0.00 0.00 17,000.0 89.28 17962 10.469.7 7.7325.0 28.9 7.725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 17962 10.469.7 7.7325.0 28.9 7.725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 17962 10.469.7 7.7325.0 28.9 7.725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 17962 10.469.7 7.7325.0 28.9 7.725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 17962 10.469.7 7.7325.0 28.9 7.725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 17962 10.469.7 7.7325.0 28.9 7.725.1 0.00 0.00 0.00 0.00 18,458.1 89.28 17962 10.469.7 7.7325.0 3.00 0.00 0.00 0.00 0.00 18,458.1 89.28 17962 10.469.7 7.7325.0 3.00 0.00 0.00 0.00 0.00 18,458.1 89.28 17962 10.469.7 8.924.9 33.5 8.255.0 0.00 0.00 0.00 0.00 18,450.0 89.28 17962 10.469.7 8.		89.28	179.62	10,442.5		17.0			0.00	0.00
16,200.0 89.28 179.62 10,446.3 -6,025.2 19.0 6,025.2 0.00 0.00 0.00 16,500.0 89.28 179.62 10,447.5 -6,125.2 19.7 6,125.2 0.00 0.00 0.00 16,500.0 89.28 179.62 10,469.9 -6,225.1 20.3 6,225.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,469.9 -6,225.1 21.0 6,325.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,451.4 -8,425.1 21.6 6,425.2 0.00 0.00 0.00 16,500.0 89.28 179.62 10,451.4 -8,425.1 21.6 6,425.2 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,451.9 -8,625.1 22.3 6,525.1 0.00 0.00 0.00 0.00 16,500.0 89.28 179.62 10,452.9 -8,255.1 22.3 6,525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,452.4 -8,255.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,455.0 -7,225.1 26.6 6,725.1 0.00 0.00 0.00 17,500.0 89.28 179.62 10,455.7 -7,225.0 26.9 7,725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,465.7 -7,225.0 26.9 7,725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,460.2 7,725.1 26.5 7,725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,460.2 7,725.1 26.5 7,725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,460.7 -7,225.1 26.2 7,725.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,460.7 -7,225.0 26.9 7,225.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,460.7 -7,255.0 26.9 7,255.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,460.7 -7,255.0 26.9 7,255.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,465.3 -7,255.0 26.9 7,255.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,466.5 -7,525.0 28.9 7,525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,466.5 -7,525.0 29.9 7,525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,466.5 -7,525.0 29.9 7,525.1 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.8 -7,255.0 29.5 7,525.1 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.8 -7,255.0 29.5 7,525.1 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.8 -7,255.0 29.5 7,525.1 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.8 -7,255.0 38.8 8,283.1 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.8 -8,249.9 34.8 8,255.0 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.9 -8,244.9 34.5 8,225.0 0.00 0.00 0.00 0.00 19,000.0 89.28 179.62 10	16,000.0	89.28	179.62	10,443.8	-5,825.2	17.7	5,825.2	0.00	0.00	0.00
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16,800.0 89.28 179.62 10,455.9 -6,625.1 23.0 6,625.1 0.00 0.00 0.00 16,800.0 89.28 179.62 10,455.2 -8,725.1 23.6 6,725.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 -6,825.1 24.3 6,825.1 0.00 0.00 0.00 0.00 17,000.0 89.28 179.62 10,459.0 -7,025.1 24.9 6,925.1 0.00 0.00 0.00 17,200.0 89.28 179.62 10,459.0 -7,025.1 26.6 7,025.1 0.00 0.00 0.00 17,400.0 89.28 179.62 10,469.0 -7,025.1 26.6 7,025.1 0.00 0.00 0.00 17,400.0 89.28 179.62 10,469.0 -7,025.1 26.9 7,225.1 0.00 0.00 0.00 0.00 17,400.0 89.28 179.62 10,460.2 -7,125.1 26.2 7,125.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,462.7 -7,325.0 27.5 7,325.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,462.7 -7,325.0 27.5 7,325.1 0.00 0.00 0.00 0.00 17,700.0 89.28 179.62 10,465.3 -7,625.0 28.9 7,255.1 0.00 0.00 0.00 0.00 17,700.0 89.28 179.62 10,465.3 -7,625.0 28.9 7,525.1 0.00 0.00 0.00 17,800.0 89.28 179.62 10,466.5 -7,625.0 29.5 7,625.1 0.00 0.00 0.00 17,800.0 89.28 179.62 10,466.5 -7,625.0 29.5 7,625.1 0.00 0.00 0.00 17,800.0 89.28 179.62 10,466.3 -7,625.0 29.5 7,625.1 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.8 -7,725.0 0.2 7,725.0 0.00 0.00 0.00 18,000.0 89.28 179.62 10,471.6 8,025.0 31.5 7,925.0 0.00 0.00 0.00 0.00 18,200.0 89.28 179.62 10,471.6 8,025.0 31.5 7,925.0 0.00 0.00 0.00 0.00 18,200.0 89.28 179.62 10,471.6 8,025.0 32.8 8,125.0 0.00 0.00 0.00 0.00 18,400.0 89.28 179.62 10,471.8 8,224.9 33.5 8,225.0 0.00 0.00 0.00 0.00 18,465.1 89.28 179.62 10,471.8 8,224.9 34.8 8,235.0 0.00 0.00 0.00 0.00 18,465.1 89.28 179.62 10,471.8 8,224.9 34.8 8,235.0 0.00 0.00 0.00 0.00 18,600.0 89.28 179.62 10,471.4 8,224.9 34.8 8,235.0 0.00 0.00 0.00 0.00 18,600.0 89.28 179.62 10,474.8 8,224.9 34.8 8,255.0 0.00 0.00 0.00 0.00 18,600.0 89.28 179.62 10,474.8 8,224.9 34.8 8,255.0 0.00 0.00 0.00 0.00 18,600.0 89.28 179.62 10,474.8 8,224.9 34.8 8,255.0 0.00 0.00 0.00 0.00 19,700.0 89.28 179.62 10,476.6 8,424.9 34.8 8,255.0 0.00 0.00 0.00 0.00 19,700.0 89.28 179.62 10,476.6 8,424.9 36.1 8,255.0 0.00 0.00 0.00 0.00 0.00 19,700.0 89.28 179.62 10,486.7 8,924.9 38.0 8,925.0 0.0	16,600.0	89.28	179.62	10,451.4	-6,425.1	21.6	6,425.2	0.00	0.00	0.00
16,900.0 89.28 179.62 10,455.2 -8,725.1 23.6 6,725.1 0.00 0.00 0.00 17,000.0 89.28 179.62 10,456.4 -6,825.1 24.3 6,825.1 0.00 0.00 0.00 17,100.0 89.28 179.62 10,457.7 -8,925.1 24.9 6,925.1 0.00 0.00 0.00 17,300.0 89.28 179.62 10,457.7 -8,925.1 25.6 7,025.1 0.00 0.00 0.00 17,300.0 89.28 179.62 10,469.0 -7,025.1 25.6 7,025.1 0.00 0.00 0.00 17,300.0 89.28 179.62 10,461.5 -7,225.0 26.9 7,225.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,461.5 -7,225.0 26.9 7,225.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,461.5 -7,225.0 27.5 7,325.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,464.0 -7,425.0 28.2 7,425.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,464.0 -7,425.0 28.2 7,425.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,465.3 -7,525.0 28.9 7,525.1 0.00 0.00 0.00 17,500.0 89.28 179.62 10,465.3 -7,525.0 28.9 7,525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,465.3 -7,525.0 28.9 7,525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10,467.8 -7,725.0 30.2 7,725.0 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,467.8 -7,725.0 30.2 7,725.0 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10,470.3 -7,925.0 30.2 7,725.0 0.00 0.00 0.00 0.00 18,300.0 89.28 179.62 10,470.3 -7,925.0 31.5 7,925.0 0.00 0.00 0.00 18,300.0 89.28 179.62 10,471.6 -8,025.0 32.1 8,025.0 0.00 0.00 0.00 18,400.0 89.28 179.62 10,471.6 -8,025.0 32.1 8,025.0 0.00 0.00 0.00 0.00 18,400.0 89.28 179.62 10,474.8 -8,224.9 33.5 8,283.1 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10,474.8 -8,224.9 33.5 8,283.0 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10,476.6 -8,224.9 33.5 8,283.0 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10,479.1 -8,249.9 36.7 8,725.0 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10,479.1 -8,824.9 34.1 8,825.0 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10,479.1 -8,824.9 34.1 8,825.0 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10,479.1 -8,824.9 36.1 8,825.0 0.00 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10,486.7 -9,244.8 41.3 9,424.9 0.00 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10,486.7 -9,244.8 41.3 9,424.9 0.00 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10,48	16,700.0	89.28	179.62	10,452.6	-6,525.1	22.3	6,525.1	0.00	0.00	0.00
17,000	16,800.0	89.28	179.62	10,453.9	-6,625.1	23.0	6,625.1	0.00	0.00	0.00
17,100.0 89.28 179.62 10.457.7 -6.925.1 24.9 6.925.1 0.00 0.00 0.00 17,200.0 89.28 179.62 10.459.0 -7.025.1 25.6 7.025.1 0.00 0.00 0.00 0.00 17,300.0 89.28 179.62 10.469.2 -7.125.1 25.6 7.025.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.461.5 -7.225.0 28.9 7.225.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.461.5 -7.225.0 28.9 7.225.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.464.0 -7.425.0 28.2 7.425.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.464.0 -7.425.0 28.2 7.425.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.465.3 -7.525.0 28.9 7.525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.465.3 -7.525.0 28.9 7.525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.465.3 -7.525.0 28.9 7.525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.465.3 -7.525.0 28.9 7.525.1 0.00 0.00 0.00 0.00 17,500.0 89.28 179.62 10.465.3 -7.525.0 28.9 7.525.1 0.00 0.00 0.00 0.00 18,000.0 89.28 179.62 10.467.8 -7.725.0 30.2 7.725.0 0.00 0.00 0.00 0.00 18,100.0 89.28 179.62 10.467.3 -7.925.0 30.2 7.725.0 0.00 0.00 0.00 0.00 18,100.0 89.28 179.62 10.470.3 -7.925.0 31.5 7.925.0 0.00 0.00 0.00 0.00 18,300.0 89.28 179.62 10.471.6 -8.025.0 32.1 8.025.0 0.00 0.00 0.00 18,400.0 89.28 179.62 10.471.6 -8.025.0 32.1 8.025.0 0.00 0.00 0.00 18,465.1 89.28 179.62 10.474.8 -8.224.9 33.5 8.225.0 0.00 0.00 0.00 0.00 18,460.0 89.28 179.62 10.474.8 -8.224.9 33.5 8.225.0 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10.475.4 -8.224.9 33.5 8.225.0 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10.476.6 -8.424.9 34.8 8.425.0 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10.476.6 -8.424.9 34.8 8.425.0 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10.476.6 -8.424.9 34.8 8.250.0 0.00 0.00 0.00 0.00 18,500.0 89.28 179.62 10.476.6 -8.424.9 34.8 8.250.0 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10.480.4 -8.284.9 34.1 8.825.0 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10.480.4 -8.284.9 34.4 8.250.0 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10.480.4 -8.284.9 34.1 8.825.0 0.00 0.00 0.00 0.00 0.00 19,500.0 89.28 179.62 10.480.4 -9.244.8 41.3 9.424.9 0.00 0.00 0.00 0.00 0.00 19,500.	16,900.0	89.28	179.62	10,455.2	-6,725.1	23.6	6,725.1	0.00	0.00	0.00
17,200	17,000.0	89.28	179.62	10,456.4	-6,825.1	24.3	6,825.1	0.00	0.00	0.00
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18,600.0       89.28       179.62       10,476.6       -8,424.9       34.8       8,425.0       0.00       0.00       0.00         18,700.0       89.28       179.62       10,477.9       -8,524.9       35.4       8,525.0       0.00       0.00       0.00         18,800.0       89.28       179.62       10,480.4       -8,724.9       36.1       8,625.0       0.00       0.00       0.00         19,000.0       89.28       179.62       10,481.7       -8,824.9       36.7       8,725.0       0.00       0.00       0.00         19,000.0       89.28       179.62       10,481.7       -8,824.9       37.4       8,825.0       0.00       0.00       0.00         19,100.0       89.28       179.62       10,484.2       -9,024.9       38.0       8,925.0       0.00       0.00       0.00         19,200.0       89.28       179.62       10,484.2       -9,024.9       38.7       9,024.9       0.00       0.00       0.00         19,300.0       89.28       179.62       10,486.7       -9,224.8       40.0       9,224.9       0.00       0.00       0.00         19,500.0       89.28       179.62       10,488.0       -9,324.8       40.0	PPP2: 2642' FNL	L & 1980' FWL	•							######################################
18,600.0       89.28       179.62       10,476.6       -8,424.9       34.8       8,425.0       0.00       0.00       0.00         18,700.0       89.28       179.62       10,477.9       -8,524.9       35.4       8,525.0       0.00       0.00       0.00         18,800.0       89.28       179.62       10,480.4       -8,724.9       36.1       8,625.0       0.00       0.00       0.00         19,000.0       89.28       179.62       10,481.7       -8,824.9       36.7       8,725.0       0.00       0.00       0.00         19,000.0       89.28       179.62       10,481.7       -8,824.9       37.4       8,825.0       0.00       0.00       0.00         19,100.0       89.28       179.62       10,484.2       -9,024.9       38.0       8,925.0       0.00       0.00       0.00         19,200.0       89.28       179.62       10,484.2       -9,024.9       38.7       9,024.9       0.00       0.00       0.00         19,300.0       89.28       179.62       10,486.7       -9,224.8       40.0       9,224.9       0.00       0.00       0.00         19,500.0       89.28       179.62       10,488.0       -9,324.8       40.0	18 500 0	89 28	179 62	10.475.4	-8.324.9	34.1	8.325.0	0.00	0.00	0.00
18,700.0 89.28 179.62 10,477.9 -8,524.9 35.4 8,525.0 0.00 0.00 0.00 0.00 18,800.0 89.28 179.62 10,479.1 -8,624.9 36.1 8,625.0 0.00 0.00 0.00 0.00 18,900.0 89.28 179.62 10,480.4 -8,724.9 36.7 8,725.0 0.00 0.00 0.00 0.00 19,000.0 89.28 179.62 10,481.7 -8,824.9 37.4 8,825.0 0.00 0.00 0.00 0.00 19,100.0 89.28 179.62 10,482.9 -8,924.9 38.0 8,925.0 0.00 0.00 0.00 0.00 19,200.0 89.28 179.62 10,484.2 -9,024.9 38.7 9,024.9 0.00 0.00 0.00 0.00 19,300.0 89.28 179.62 10,485.5 -9,124.8 39.4 9,124.9 0.00 0.00 0.00 0.00 19,400.0 89.28 179.62 10,486.7 -9,224.8 40.0 9,224.9 0.00 0.00 0.00 0.00 19,600.0 89.28 179.62 10,486.7 -9,224.8 40.0 9,224.9 0.00 0.00 0.00 0.00 19,700.0 89.28 179.62 10,489.2 -9,424.8 41.3 9,424.9 0.00 0.00 0.00 19,700.0 89.28 179.62 10,489.2 -9,424.8 41.3 9,424.9 0.00 0.00 0.00 19,779.2 89.28 179.62 10,490.5 -9,524.8 42.0 9,524.9 0.00 0.00 0.00 0.00 19,779.2 89.28 179.62 10,491.5 -9,604.0 42.5 9,604.1 0.00 0.00 0.00 19,779.2 89.28 179.62 10,491.5 -9,604.0 42.5 9,604.1 0.00 0.00 0.00 0.00 19,779.2 89.28 179.62 10,491.5 -9,604.0 42.5 9,604.1 0.00 0.00 0.00 0.00 19,779.2 89.28 179.62 10,491.5 -9,604.0 42.5 9,604.1 0.00 0.00 0.00 0.00 19,700.0 89.28 179.62 10,491.5 -9,604.0 42.5 9,604.1 0.00 0.00 0.00 0.00 19,709.2 89.28 179.62 10,491.5 -9,604.0 42.5 9,604.1 0.00 0.00 0.00 0.00 0.00 19,900.0 89.28 179.62 10,491.8 -9,624.8 42.6 9,624.9 0.00 0.00 0.00 0.00 0.00 19,900.0 89.28 179.62 10,491.8 -9,624.8 42.6 9,624.9 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	· •									
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19,779.2 89.28 179.62 10,491.5 -9,604.0 42.5 9,604.1 0.00 0.00 0.00 0.00 PPP3: 1321' FSL & 1980' FWL 19,800.0 89.28 179.62 10,491.8 -9,624.8 42.6 9,624.9 0.00 0.00 0.00 0.00 19,900.0 89.28 179.62 10,493.0 -9,724.8 43.3 9,724.9 0.00 0.00 0.00 0.00 20,000.0 89.28 179.62 10,494.3 -9,824.8 44.0 9,824.9 0.00 0.00 0.00 0.00										
PPP3: 1321' FSL & 1980' FWL         19,800.0       89.28       179.62       10,491.8       -9,624.8       42.6       9,624.9       0.00       0.00       0.00         19,900.0       89.28       179.62       10,493.0       -9,724.8       43.3       9,724.9       0.00       0.00       0.00         20,000.0       89.28       179.62       10,494.3       -9,824.8       44.0       9,824.9       0.00       0.00       0.00					•					
19,800.0     89.28     179.62     10,491.8     -9,624.8     42.6     9,624.9     0.00     0.00     0.00       19,900.0     89.28     179.62     10,493.0     -9,724.8     43.3     9,724.9     0.00     0.00     0.00       20,000.0     89.28     179.62     10,494.3     -9,824.8     44.0     9,824.9     0.00     0.00     0.00	the second secon			10,481.5	-5,004.0	42.0	3,004.1	U.UU Sharing Tay Peril (Shirt) In the	U.UU	0.00
19,900.0 89.28 179.62 10,493.0 -9,724.8 43.3 9,724.9 0.00 0.00 0.00 20,000.0 89.28 179.62 10,494.3 -9,824.8 44.0 9,824.9 0.00 0.00 0.00				40.454.5						
20,000.0 89.28 179.62 10,494.3 -9,824.8 44.0 9,824.9 0.00 0.00 0.00	19,800.0	89.28	1/9.62	10,491.8	-9,624.8	42.6	9,624.9	0.00	0.00	0.00
20,000.0 89.28 179.62 10,494.3 -9,824.8 44.0 9,824.9 0.00 0.00 0.00	19.900.0	89.28	179.62	10,493.0	-9,724.8	43.3	9,724.9	0.00	0.00	0.00
	•									
	20,100.0	89.28	179.62	10,495.6	-9,924.8	44.6	9,924.9	0.00	0.00	0.00

Database:

Hobbs

Company: Project: Site: Mewbourne Oil Company Lea County, New Mexico NAD 83 Caper 20/29 B2CN Fed Com #1H

Well: Sec 17, T21S, R32E

Wellbore: Design: BHL: 330' FSL & 1980' FWL, Sec 29

Design #1

Local Co-ordinate Reference:

TVD Reference:

North Reference: Survey Calculation Method: Site Caper 20/29 B2CN Fed Com #1H WELL @ 3664.0usft (Original Well Elev) WELL @ 3664.0usft (Original Well Elev)

Grid

Measured			Vertical			Vertical	Dogleg	Bulld	Tum
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Section (usft)	Rate (°/100usft)	Rate (*/100usft)	Rate (°/100usft)
20,200.0	89.28	179.62	10,496.8	-10,024.8	45.3	10,024.9	0.00	0.00	0.00
20,300.0	89.28	179.62	10,498.1	-10,124.7	45.9	10,124.9	0.00	0.00	0.00
20,400.0	89.28	179.62	10,499.3	-10,224.7	46.6	10,224.8	0.00	0.00	0.00
20,500.0	89.28	179.62	10,500.6	-10,324.7	47.2	10,324.8	0.00	0.00	0.00
20,600.0	89.28	179.62	10,501.9	-10,424.7	47.9	10,424.8	0.00	0.00	0.00
20,700.0	89.28	179.62	10,503.1	-10,524.7	48.5	10,524.8	0.00	0.00	0.00
20,769,3	89.28	179.62	10.504.0	-10,594.0	49.0	10,594.1	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target C - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Lathude	Longitude
SL: 360' FSL & 2000' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	536,177.00	736,975.00	32° 28' 20.695 <b>N</b>	103° 41' 56.226 W
KOP @ 9902' - plan hits target center - Point	0.00	0.00	9,901.5	0.0	0.0	536,177.00	736,975.00	32° 28′ 20.695 <b>N</b>	103° 41' 56.226 W
LP/FTP: 330' FNL & 198 - plan hits target center - Point	0.00	0.00	10,379.0	-690.0	-16.0	535,487.00	736,959.00	32° 28′ 13.868 <b>N</b>	103° 41′ 56.460 W
PPP1: 0' FNL & 1980' F\ - plan hits target center - Point	0.00	0.00	10,441.5	-5,641.0	16.5	530,536.00	736,991.49	32° 27' 24.875 N	103° 41' 56.425 W
PPP2: 2642' FNL & 1980 - plan hits target center - Point	0.00	0.00	10,474.8	-8,283.0	33.8	527,894.00	737,008.83	32° 26′ 58.732 N	103° 41′ 56.405 W
PPP3: 1321' FSL & 198( - plan hits target center - Point	0.00	0.00	10,491.5	-9,604.0	42.5	526,573.00	737,017.50	32° 26′ 45.660 N	103° 41' 56.396 W
BHL: 330' FSL & 1980' F - plan hits target center - Point	0.00	0.00	10,504.0	-10,594.0	49.0	525,583.00	737,024.00	32° 26′ 35.863 N	103° 41' 56.389 W

