

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

**APPLICATION OF MEWBOURNE OIL  
COMPANY FOR COMPULSORY POOLING,  
EDDY AND LEA COUNTIES, NEW MEXICO**

**Case No. 20744**

**SELF-AFFIRMED STATEMENT OF  
MITCH ROBB**

1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein.

2. I am a landman for Mewbourne Oil Company ("Mewbourne"). I have had direct involvement with Mewbourne's development of the 280.95-acre, more or less, standard horizontal spacing unit ("HSU") that is the subject of Mewbourne's application in this case.

3. A Midland Map with the HSU highlighted is attached hereto as Exhibit A. The HSU is comprised of the S/2 NW/4 and SW/4 NE/4 of Section 6, Township 18 South, Range 32 East in Lea County and the S/2 N/2 of Section 1, Township 18 South, Range 31 East in Eddy County.

4. Mewbourne seeks to pool all uncommitted interests in the Bone Spring formation underlying the HSU. A listing of the uncommitted interests and their respective working interests is attached hereto as Exhibit B. 46.34% of the working interests are committed to the proposed well.

5. The HSU will be dedicated to the Castle Black 6/1 B2GE Fed Com #1H well, which will be horizontally drilled from a surface location in Unit G in Section 6 to a bottom hole location in Unit E in Section 1. The completed interval for the well will be orthodox. Attached hereto as Exhibit C is the C-102 for the well.

**Case No. 20744  
Mewbourne  
Exhibit 1**

6. There are no depth exceptions in the Bone Spring formation.

7. I sent well proposal letters to the uncommitted interests on the following dates: Occidental Permian Ltd. Partnership and Yates Energy Corporation – January 11, 2019; MRC Delaware Resources LLC, MRC Spiral Resources LLC, and MRC Explorers Resources LLC – April 9, 2019; and Marathon Oil Permian LLC – May 28, 2019. They all received the letter. Subsequently, I had follow-up communications with them. A sample of my well proposal letter and a summary of my follow-up contacts with the six uncommitted interests are attached hereto as Exhibit D.

8. In my opinion, Mewbourne has made a good faith effort to obtain the voluntary joinder of uncommitted interests in the proposed well.

9. Notice of Mewbourne's application and the Division hearing was provided to the uncommitted interests by certified mail. A sample of the notice letter and the associated green cards are attached hereto as Exhibit E.

10. Mewbourne has the right to pool the overriding royalty owners in the HSU.

11. The AFE for the proposed well is attached hereto as Exhibit F. The estimated cost of the well is fair and reasonable, and is comparable to the cost of other wells of similar depth and length drilled in Eddy County.

12. Mewbourne requests overhead and administrative rates of \$8,000 per month while the well is being drilled and \$800 per month while the well is producing. These rates are fair, and are comparable to the rates charged by Mewbourne and by other operators in the vicinity. They are also the rates set forth in the Joint Operating Agreement for the HSU. Mewbourne further requests that the rates be adjusted periodically in accordance with the COPAS Accounting Procedure.

13. Mewbourne requests that it be designated the operator of the well.

14. Mewbourne also requests that a 200% risk charge be assessed against the uncommitted interests if they are non-consenting working interest owners.

15. The exhibits attached hereto were either prepared by me or under my supervision, or were compiled from company business records.

16. In my opinion, the granting of Mewbourne's application would serve the interests of conservation and the prevention of waste.

17. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 16 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

  
\_\_\_\_\_  
Mitch Robb

09/04/2019  
Date







**Tract Ownership**  
**Castle Black 6/1 B2GE Fed Com #1H**  
**S/2NW/4 & SW/4NE/4 of Section 6-T18S-R32E, Lea County, NM**  
**and S/2N/2 of Section 1-T18S-R31E, Eddy County, NM**

**Owners**

**Ownership:**

Mewbourne Oil Company, Operator, and XTO Energy Inc., et al, as Non-Operators	46.335828%
*MRC Delaware Resources LLC	26.516989%
*Yates Energy Corporation	9.076980%
*Marathon Oil Permian LLC	6.246381%
*Occidental Permian Limited Partnership	5.155609%
*MRC Explorers Resources LLC	3.334106%
*MRC Spiral Resources LLC	3.334106%
<b>TOTAL</b>	<b>100.000000%</b>

**Total Interest being force pooled: 53.664172%**

\* Denotes an interest that is being force pooled.

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

1 API Number		2 Pool Code		3 Pool Name			
4 Property Code		5 Property Name <b>CASTLE BLACK 6/1 B2GE FED COM</b>				6 Well Number <b>1H</b>	
7 GRID NO.		8 Operator Name <b>MEWBOURNE OIL COMPANY</b>				9 Elevation <b>3839'</b>	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>G</b>	<b>6</b>	<b>18S</b>	<b>32E</b>		<b>1700</b>	<b>NORTH</b>	<b>1330</b>	<b>EAST</b>	<b>LEA</b>

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>E</b>	<b>1</b>	<b>18S</b>	<b>31E</b>		<b>2240</b>	<b>NORTH</b>	<b>100</b>	<b>WEST</b>	<b>EDDY</b>

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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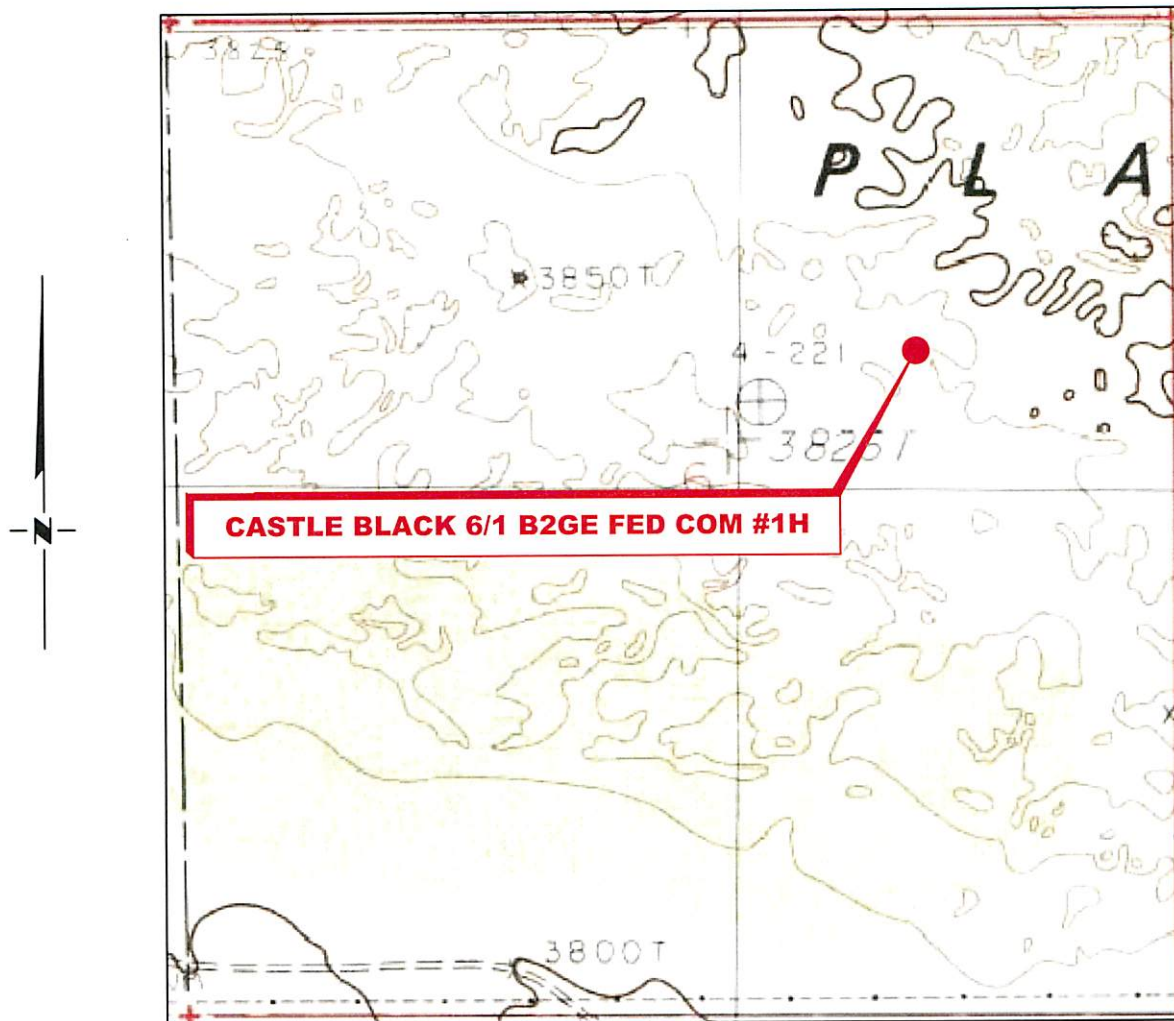
No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p>16 <u>CORNER DATA</u></p> <p>NAD 83 GRID - NM EAST G: FOUND BRASS CAP "1913" N: 649324.0 - E: 706111.0 H: FOUND 1" IRON PIPE N: 646678.2 - E: 706128.4 I: FOUND BRASS CAP "1913" N: 644040.6 - E: 706142.9 J: FOUND BRASS CAP "1913" N: 644031.5 - E: 703505.2 K: FOUND BRASS CAP "1913" N: 644024.0 - E: 700832.1 L: FOUND BRASS CAP "1916" N: 644003.4 - E: 698192.6 M: FOUND BRASS CAP "1913" N: 646666.0 - E: 700816.4</p>		<p><u>GEODETIC DATA</u> NAD 83 GRID - NM EAST N: 647619.9 - E: 704792.5 LAT: 32.7792113° N LONG: 103.8014952° W</p> <p><u>GEODETIC DATA</u> NAD 83 GRID - NM EAST N: 647028.2 - E: 695634.0 LAT: 32.7777079° N LONG: 103.8313025° W</p>		<p>17 <u>OPERATOR CERTIFICATION</u></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>	
<p>18 <u>SURVEYOR CERTIFICATION</u></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p><b>11-05-18</b> Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p><b>19680</b> Certificate Number</p>		<p><b>19680</b> Job No.: LS18111236</p>			

EXHIBIT

C

# LOCATION VERIFICATION MAP



*SECTION 6, TWP. 18 SOUTH, RGE. 32 EAST,  
N. M. P. M., LEA COUNTY, NEW MEXICO*

OPERATOR: Mewbourne Oil Company  
LEASE: Castle Black 6/1 B2GE Fed Com  
WELL NO.: 1H  
ELEVATION: 3839'

LOCATION: 1700' FNL & 1330' FEL  
CONTOUR INTERVAL: 10'  
USGS TOPO. SOURCE MAP:  
Maljamar, NM (P.E. 1985)

*Copyright 2016 - All Rights Reserved*

NO.	REVISION	DATE
JOB NO.:	LS18111236	
DWG. NO.:	18111236-2	

## RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 11-05-18
SURVEYED BY: ML/TF
DRAWN BY: GA
APPROVED BY: RMH
SHEET: 1 OF 1



# VICINITY MAP

NOT TO SCALE



*SECTION 6, TWP. 18 SOUTH, RGE. 32 EAST,  
N. M. P. M., LEA COUNTY, NEW MEXICO*

OPERATOR: Mewbourne Oil Company  
LEASE: Castle Black 6/1 B2GE Fed Com  
WELL NO.: 1H

LOCATION: 1700' FNL & 1330' FEL  
ELEVATION: 3839'

*Copyright 2016 - All Rights Reserved*

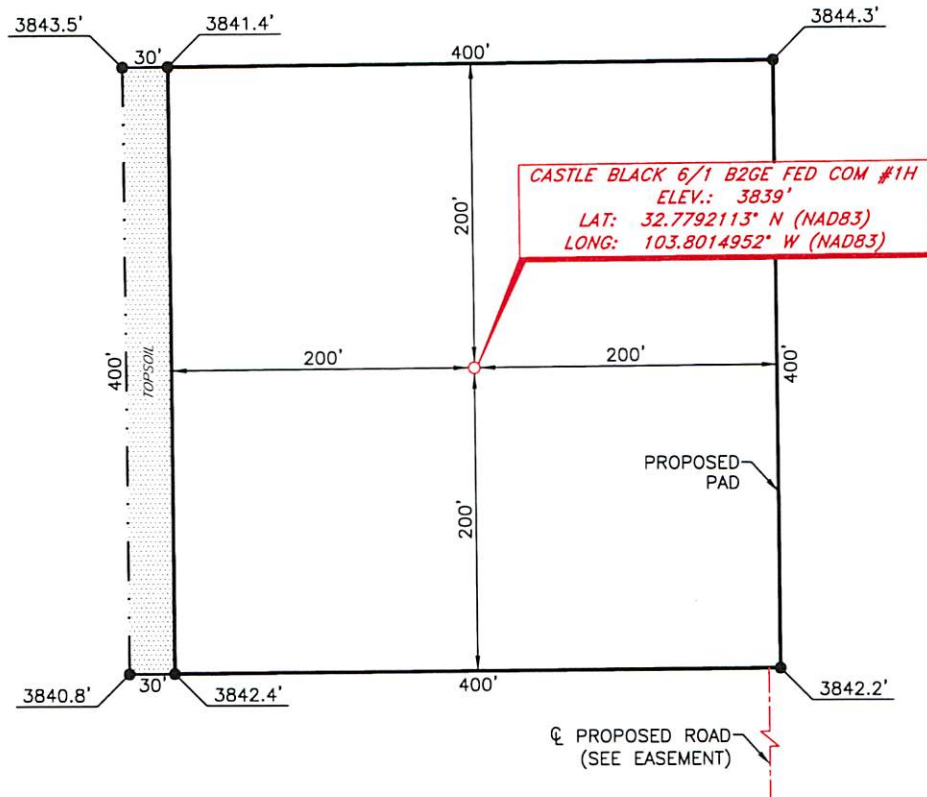
NO.	REVISION	DATE
JOB NO.: LS18111236		
DWG. NO.: 18111236-3		

# RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S.
DATE: 11-05-18
SURVEYED BY: ML/TF
DRAWN BY: GA
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY  
 CASTLE BLACK 6/1 B2GE FED COM #1H  
 (1700' FNL & 1330' FEL)  
 SECTION 6, T18S, R32E  
 N. M. P. M., LEA CO., NEW MEXICO



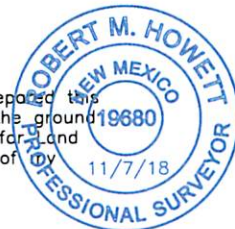
DIRECTIONS TO LOCATION

From the intersection of CR-529 (Bermuda Rd.) and CR-126A;  
 Go South on CR-126A approx. 0.3 miles the road curves right;  
 Turn right at curve and go Southwest approx. 1.0 miles to a lease road on the right;  
 Turn right and go Northwest approx. 0.2 miles to a curve to the left;  
 Turn left at curve and go West approx. 1.11 miles to a "T";  
 Turn left at "T" and go South approx. 426 feet to a lease road on right;  
 Turn right and go West approx. 0.4 miles to a proposed road on the right;  
 Turn right and go North approx. 520 feet to location on the left.



I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this unclassified survey of a well location from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

*Robert M. Howett*  
 Robert M. Howett NM PS 19680



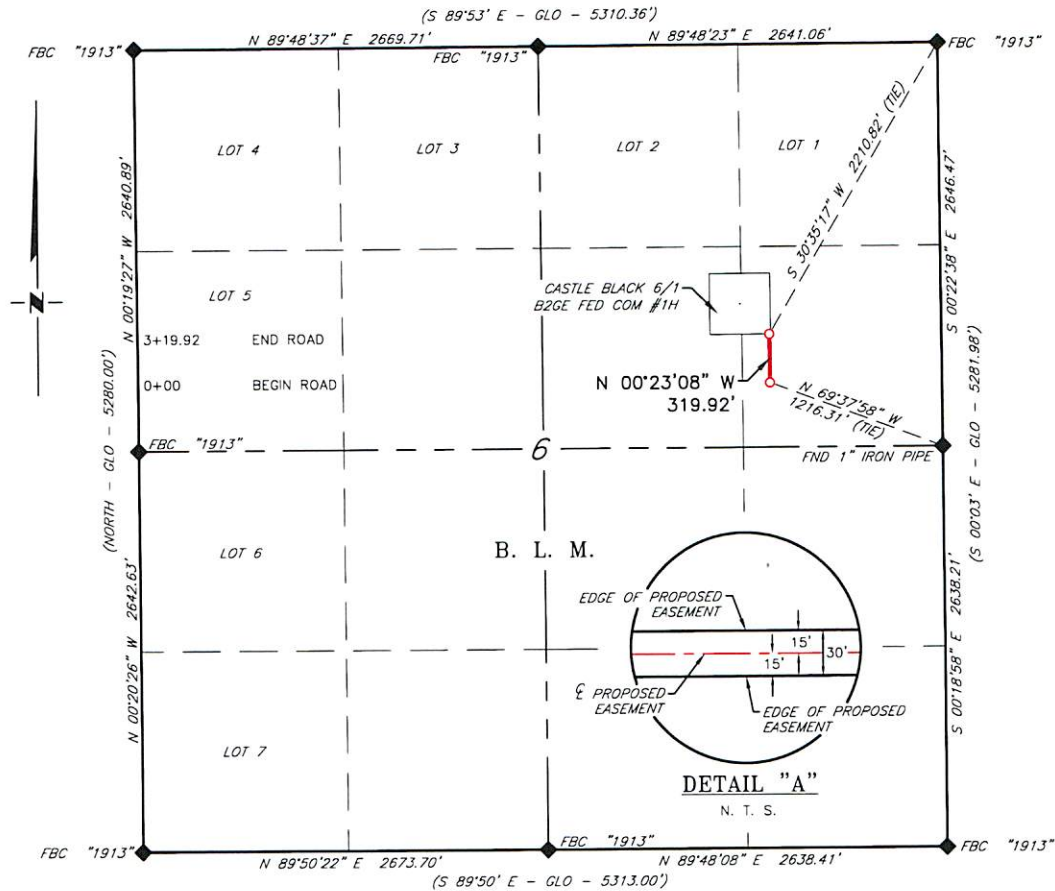
Copyright 2016 - All Rights Reserved

			<div><div>RRC</div><div></div><div>308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200</div></div>	SCALE: 1" = 100'
				DATE: 11-05-18
				SURVEYED BY: ML/TF
				DRAWN BY: GA
				APPROVED BY: RMH
NO.	REVISION	DATE		SHEET: 1 OF 1
JOB NO.: LS18111236				
DWG. NO.: 18111236-4				

SCALE: 1" = 100'  
 DATE: 11-05-18  
 SURVEYED BY: ML/TF  
 DRAWN BY: GA  
 APPROVED BY: RMH  
 SHEET: 1 OF 1



**MEWBOURNE OIL COMPANY  
PROPOSED ACCESS ROAD FOR THE  
CASTLE BLACK 6/1 B2GE FED COM #1H  
SECTION 6, T18S, R32E  
N. M. P. M., LEA COUNTY, NEW MEXICO**



**DESCRIPTION**

A strip of land 30 feet wide, being 319.92 feet or 19.389 rods in length, lying in Section 6, Township 18, South, Range 32 East, N. M. P. M., Lea County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Northeast quarter of Section 6, which bears, N 69°37'58" W, 1,216.31 feet from a 1" iron pipe, found for the East quarter corner of Section 6;

Thence N 00°23'08" W, 319.92 feet, to Engr. Sta. 3+19.92, the End of Survey, a point in the Northeast quarter of Section 6, which bears, S 30°35'17" W, 2,210.82 feet from a brass cap, stamped "1913", found for the Northeast corner of Section 6.

Said strip of land contains 0.220 acres, more or less, and is allocated by forties as follows:

SE 1/4 NE 1/4      19.389 Rods      0.220 Acres

SCALE: 1" = 1000'  
0      500'      1000'

BEARINGS ARE GRID NAD 83  
NM EAST  
DISTANCES ARE HORIZ. GROUND.

**LEGEND**

( ) RECORD DATA - GLO  
◆ FOUND MONUMENT  
AS NOTED  
— PROPOSED ACCESS ROAD

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

*Robert M. Howett*  
Robert M. Howett      NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS18111236	
DWG. NO.:	18111236-5	

**RRC**

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'  
DATE: 11-05-18  
SURVEYED BY: ML/TF  
DRAWN BY: GA  
APPROVED BY: RMH  
SHEET: 1 OF 1



# MEWBOURNE OIL COMPANY

FASKEN CENTER  
500 WEST TEXAS, SUITE 1020  
MIDLAND, TX 79701

TELEPHONE (432) 682-3715

January 11, 2019

Via Certified Mail

Yates Energy Corporation  
P.O. Box 2323  
Roswell, NM 88202

Re: Castle Black 6/1 B2GE Fed Com #1H  
1700' FNL & 1330' FEL (Section 6)  
2240' FNL & 100' FWL (Section 1)  
Section 6, T18S, R32E  
Lea County, New Mexico  
Section 1, T18S, R31E  
Eddy County, New Mexico

Ladies and Gentlemen,

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 561.24 acre Working Interest Unit ("WIU") covering the NW/4 & W/2NE/4 of the captioned Section 6 and the N/2 of the captioned Section 1 for oil and gas production. The targeted interval for the proposed unit is the Bone Spring formation.

Mewbourne as Operator hereby proposes to drill the captioned well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,546 feet subsurface to evaluate the Second Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 17,553 feet. The N/2NW/4 & NW/4NE/4 of the captioned Section 6 and the N/2N/2 of the captioned Section 1 will be dedicated to the well as the proration unit.

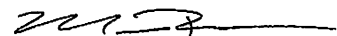
Regarding the above, enclosed for your further handling is our AFE dated January 4, 2019 for the captioned proposed well. Please sign and return said AFE at your earliest convenience if you elect to participate in the captioned well and WIU and return to me within thirty (30) days.

A copy of our Joint Operating Agreement ("JOA") will follow under separate cover letter for your further handling and review in the near future.

Should you have any questions regarding the above, please email me at [mrobb@mewbourne.com](mailto:mrobb@mewbourne.com) or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY



Mitch Robb  
Landman

EXHIBIT

D

**Summary of Communications**  
**Castle Black 6/1 B2GE Fed Com #1H**  
**S/2NW/4 & SW/4NE/4 of Section 6-T18S-R32E, Lea County, NM**  
**and S/2N/2 of Section 1-T18S-R31E, Eddy County, NM**

**MRC Delaware Resources LLC**

**MRC Explorers Resources LLC**

**MRC Spiral Resources LLC:**

04/08/2019: Correspondence with above listed party regarding Working Interest Unit.  
04/09/2019: Mailed a Working Interest Unit and Well Proposal to the above listed party.  
04/17/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
05/28/2019: Mailed Joint Operating Agreement to the above listed party.  
06/17/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
07/02/2019: Left message with above listed party regarding Working Interest Unit and Well Proposal.  
08/09/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
08/28/2019: Left message with above listed party regarding Working Interest Unit and Well Proposal.  
09/03/2019: Left message with above listed party regarding Working Interest Unit and Well Proposal.

**Marathon Oil Permian LLC:**

05/28/2019: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.  
06/05/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.

**Yates Energy Corporation:**

01/07/2019: Correspondence with above listed party regarding Working Interest Unit.  
01/11/2019: Mailed a Working Interest Unit and Well Proposal to the above listed party.  
03/14/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
05/28/2019: Mailed Joint Operating Agreement to the above listed party.  
06/04/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
06/24/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
07/02/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
07/29/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
08/09/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
08/21/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.

**Occidental Permian Limited Partnership:**

01/04/2019: Left message with above listed party regarding Working Interest Unit.  
01/11/2019: Mailed a Working Interest Unit and Well Proposal to the above listed party.  
04/22/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
05/28/2019: Mailed Joint Operating Agreement to the above listed party.  
05/30/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
06/04/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
06/24/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
07/02/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
09/03/2019: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.



# HINKLE SHANOR LLP

ATTORNEYS AT LAW

PO BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER

Dana S. Hardy, Partner  
dhardy@hinklelawfirm.com

August 7, 2019

## VIA CERTIFIED MAIL

Travis Prewett  
Marathon Oil Permian LLC  
5555 San Felipe St.  
Houston, TX 77056

Re: Mewbourne Oil Company NMOCD Application

Dear Mr. Prewett:

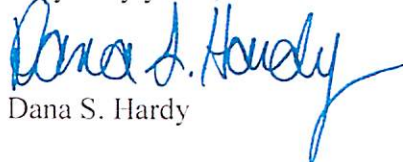
Enclosed is a copy of an application for compulsory pooling that Mewbourne Oil Company ("Mewbourne") has filed with the New Mexico Oil Conservation Division ("the Division"). Mewbourne's application requests the pooling of all uncommitted mineral interests in the Bone Spring formation in a standard 280.95-acre horizontal spacing unit comprised of the S/2 NW/4 and SW/4 NE/4 of Section 6, Township 18 South, Range 32 East in Lea County and the S/2 N/2 of Section 1, Township 18 South, Range 31 East in Eddy County.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, September 5, 2019 in Porter Hall at the Division's offices located at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Marathon Oil Permian LLC ("Marathon") is not required to attend this hearing, but as an owner of an interest that may be affected by Mewbourne's application, it may appear at the hearing and present testimony. If Marathon does not appear at that time and become a party of record, it will be precluded from contesting the matter at a later date.

A party appearing in a Division case is required by the Division's Rules to file a Pre-Hearing Statement, which in this matter must be filed no later than Thursday, August 29, 2019. The Pre-Hearing Statement must be filed with the Division's Santa Fe office at the address above, and should include: the name of the party and the party's attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate amount of time the party will need to present the party's case; and an identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to me.

Thank you for your attention to this matter.

Very truly yours,

  
Dana S. Hardy

DSH/kk  
Enclosure



PO BOX 10  
ROSWELL, NEW MEXICO 88202  
575-622-6510  
(FAX) 575-623-9332

PO BOX 1720  
ARTESIA, NEW MEXICO 88211  
575-622-6510  
(FAX) 575-746-6316

PO BOX 2068  
SANTA FE, NEW MEXICO 87504  
505-982-4554  
(FAX) 505-982-8623

7601 JEFFERSON ST NE • SUITE 180  
ALBUQUERQUE, NEW MEXICO 87109  
505-858-8320  
(FAX) 505-858-8321



**SENDER: COMPLETE THIS SECTION**

- 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 mailpiece, or on the front if space permits.

Nick Weeks  
MRC Delaware Resources, LLC  
One Lincoln Center  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240



9590 9402 4821 9032 2144 48

Article Number (Transfer from service label)  
7018 2290 0000 3433 1418

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature [Signature] ☐ Agent ☐ Addressee
- B. Received by (Printed Name) \_\_\_\_\_
- C. Date of Delivery 08/12/19
- D. Is delivery address different from item 1? ☐ Yes ☐ No  
If YES, enter delivery address below: \_\_\_\_\_

AUG 12 2019

3. Service Type
- ☐ Adult Signature
  - ☐ Adult Signature Restricted Delivery
  - ☒ Certified Mail®
  - ☐ Certified Mail Restricted Delivery
  - ☐ Collect on Delivery
  - ☐ Collect on Delivery Restricted Delivery
  - ☐ Priority Mail Express®
  - ☐ Registered Mail™
  - ☐ Registered Mail Restricted Delivery
  - ☐ Return Receipt for Merchandise
  - ☐ Signature Confirmation™
  - ☐ Signature Confirmation Restricted Delivery

Newborn - Castle Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

- 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 mailpiece, or on the front if space permits.

1. Article Addressed to:  
Nick Weeks  
MRC Explorer Resources, LLC  
One Lincoln Center  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240



9590 9402 4821 9032 2144 31

Article Number (Transfer from service label)  
7018 2290 0000 3433 1401

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature [Signature] ☐ Agent ☐ Addressee
- B. Received by (Printed Name) \_\_\_\_\_
- C. Date of Delivery 08/12/19
- D. Is delivery address different from item 1? ☐ Yes ☐ No  
If YES, enter delivery address below: \_\_\_\_\_

AUG 12 2019

3. Service Type
- ☐ Adult Signature
  - ☐ Adult Signature Restricted Delivery
  - ☒ Certified Mail®
  - ☐ Certified Mail Restricted Delivery
  - ☐ Collect on Delivery
  - ☐ Collect on Delivery Restricted Delivery
  - ☐ Priority Mail Express®
  - ☐ Registered Mail™
  - ☐ Registered Mail Restricted Delivery
  - ☐ Return Receipt for Merchandise
  - ☐ Signature Confirmation™
  - ☐ Signature Confirmation Restricted Delivery

Newborn - Castle Domestic Return Receipt

## SENDER: COMPLETE THIS SECTION

- 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 mailpiece, or on the front if space permits.

1. Article Addressed to:

Clay Carroll  
Occidental Permian Limited  
Partnership  
5 Greenway Plaza, #110  
Houston, TX 77046



9590 9402 4821 9032 2144 79

2. Article Number (Transfer from service label)

7018 2290 0000 3433 1449

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

8/13/19

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

James E Beard  
JAMES BEARD

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Newbourn-Coxe Black

Domestic Return Receipt

## SENDER: COMPLETE THIS SECTION

- 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 mailpiece, or on the front if space permits.

1. Article Addressed to:

Travis Prewett  
Marathon Oil Permian LLC  
5555 San Felipe St.  
Houston, TX 77056



9590 9402 4821 9032 2144 24

2. Article Number (Transfer from service label)

7018 2290 0000 3433 1395

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

8/15/19

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Newbourn-Coxe Black

Domestic Return Receipt



## SENDER: COMPLETE THIS SECTION

- 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 mailpiece, or on the front if space permits.

1. Nick Weeks  
MRC Spiral Resources, LLC  
One Lincoln Center  
5400 BJ Freeway, Suite 1500  
Dallas, TX 75240



9590 9402 4821 9032 2144 55

2 7018 2290 0000 3433 1425

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [Signature]

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

08/12/19

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☐ Yes☒ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery

Delivery Restricted Delivery

☐ Restricted Delivery

(over \$500)

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- 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 mailpiece, or on the front if space permits.

1. Article Addressed to:  
Yates Energy Corporation  
P.O. Box 2323  
Roswell, NM 88202



9590 9402 4821 9032 2144 62

2. Article Number (Transfer from service label)

7018 2290 0000 3433 1432

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [Signature]

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☐ Yes☒ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery

Restricted Delivery

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053



## MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: <b>Castle Black 6/1 B2GE Fed Com #1H</b>		Prospect: <b>2nd BSS</b>	
Location: <b>SL: 1700' FNL &amp; 1330' FEL (6); BHL: 2240' FNL &amp; 100' FWL (1)</b>		County: <b>Lea</b>	ST: <b>NM</b>
Sec. <b>6</b>	Blk: <b></b>	Survey: <b></b>	TWP: <b>18S</b> RNG: <b>32E</b> Prop. TVD: <b>8546</b> TMD: <b>17553</b>

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$100,000	0180-0205	\$25,000
Location / Restoration		0180-0106	\$250,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling      30 days drlg / 4 days comp @ \$22,000/d		0180-0110	\$705,000	0180-0210	\$94,000
Fuel      1700 gal/day @ 2.74/gal		0180-0114	\$171,700	0180-0214	\$345,000
Mud, Chemical & Additives		0180-0120	\$200,000	0180-0220	
Horizontal Drillout Services      Coil Tbg Drillout				0180-0222	\$240,000
Cementing		0180-0125	\$100,000	0180-0225	\$45,000
Logging & Wireline Services		0180-0130	\$2,000	0180-0230	\$400,000
Casing / Tubing / Snubbing Service		0180-0134	\$20,000	0180-0234	\$90,000
Mud Logging		0180-0137	\$25,000		
Stimulation      44 Stg    17.2 MM gal / 17.2 MM lb				0180-0241	\$2,130,000
Stimulation Rentals & Other				0180-0242	\$275,000
Water & Other		0180-0145	\$40,000	0180-0245	\$535,000
Bits		0180-0148	\$110,000	0180-0248	\$8,000
Inspection & Repair Services		0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$300,000		
Transportation		0180-0165	\$30,000	0180-0265	\$20,000
Welding Services		0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$52,500	0180-0270	\$33,000
Directional Services      Includes Vertical Control		0180-0175	\$294,000		
Equipment Rental		0180-0180	\$270,800	0180-0280	\$30,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,400	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$10,000
Damages		0180-0190	\$10,000	0180-0290	
ROW & Easements		0180-0192		0180-0292	\$10,000
Pipeline Interconnect				0180-0293	
Company Supervision		0180-0195	\$168,000	0180-0295	\$94,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies      2% (TCP)      2% (CC)		0180-0199	\$59,100	0180-0299	\$90,100
<b>TOTAL</b>			<b>\$3,016,500</b>		<b>\$4,595,400</b>

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")    1000' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft		0181-0794	\$46,000		
Casing (8.1" - 10.0")    2200' - 9 5/8" 40# L80 LT&C @ \$34.65/ft		0181-0795	\$81,500		
Casing (6.1" - 8.0")    8810' - 7" 29# HCP-110 LT&C @ \$26.99/ft		0181-0796	\$254,000		
Casing (4.1" - 6.0")    9400' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft				0181-0797	\$150,000
Tubing (2" - 4")    8070' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft				0181-0798	\$49,500
Drilling Head		0181-0860	\$40,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools      Completion Liner Hanger				0181-0871	\$75,000
Sucker Rods				0181-0875	
Subsurface Equipment				0181-0880	
Artificial Lift Systems      GLVs & pkr				0181-0884	\$25,000
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers      VRU/SWD Pump/Circ Pump				0181-0886	\$50,000
Tanks - Oil      2 - 750 bbl				0181-0890	\$40,000
Tanks - Water      3 - 750 bbl				0181-0891	\$60,000
Separation / Treating Equipment      30"x10"x1k# 3 ph/36"x15"x1k# Horz/Gun bbl/VRT				0181-0895	\$65,000
Heater Treaters, Line Heaters      8"x20"x75# HT				0181-0897	\$30,000
Metering Equipment				0181-0898	\$14,000
Line Pipe & Valves - Gathering				0181-0900	\$150,000
Fittings / Valves & Accessories				0181-0906	\$100,000
Cathodic Protection				0181-0908	\$8,000
Electrical Installation				0181-0909	\$50,000
Equipment Installation				0181-0910	\$100,000
Pipeline Construction				0181-0920	\$150,000
<b>TOTAL</b>			<b>\$421,500</b>		<b>\$1,146,500</b>
<b>SUBTOTAL</b>			<b>\$3,438,000</b>		<b>\$5,741,900</b>

<b>TOTAL WELL COST</b>	<b>\$9,179,900</b>
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**Extra Expense Insurance**

☐ I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.  
Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

☐ I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: <u>T. Cude</u>	Date: <u>1/4/2019</u>
Company Approval: _____	Date: _____
Joint Owner Interest: _____ Amount: _____	Signature: _____
Joint Owner Name: _____	

EXHIBIT

F

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

**APPLICATION OF MEWBOURNE OIL  
COMPANY FOR COMPULSORY POOLING,  
EDDY AND LEA COUNTIES, NEW MEXICO**

**Case No. 20744**

**SELF-AFFIRMED STATEMENT OF CHARLES CROSBY**

1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein.

2. I am a geologist at Mewbourne Oil Company ("Mewbourne"). I am familiar with the geological matters that pertain to Mewbourne's application.

3. Attached hereto as Exhibit A is a structure map of the base of the 2<sup>nd</sup> Bone Spring Sand formation. The map shows that the structure dips to the south. It also shows a line of cross section and the horizontal spacing unit ("HSU") for the proposed Castle Black 6/1 B2GE Fed Com #1H well.

4. Attached hereto as Exhibit B is a gross sand isopach map of the Lower 2<sup>nd</sup> Bone Spring Sand formation, which is the target zone for the proposed well. It shows that the sand across the HSU has a uniform thickness of about 225-275 feet.

5. Attached hereto as Exhibit C is a west to east cross section. The well logs on the cross section provide a representative sample of the 2<sup>nd</sup> Bone Spring Sand formation in the area. The target zone for the proposed well is continuous across the HSU.

6. Based on the information contained in Exhibits A, B and C, I am able to conclude that:

- a) The HSU is justified from a geologic standpoint;

**Case No. 20744  
Mewbourne  
Exhibit 2**

b) There is no faulting or other geologic impediment that could adversely affect the drilling of the proposed well; and

c) Each quarter-quarter section in the HSU will contribute more or less equally to production.

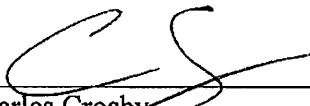
7. Attached hereto as Exhibit D is a table containing information from other wells drilled in the vicinity. Horizontal wells completed in the area (recent completions) apparently are commercial.

8. Attached hereto as Exhibit E is the Survey Calculation Report for the proposed well. The well's producing interval will be orthodox.

9. In my opinion, the granting of Mewbourne's application will serve the interests of conservation and the prevention of waste.

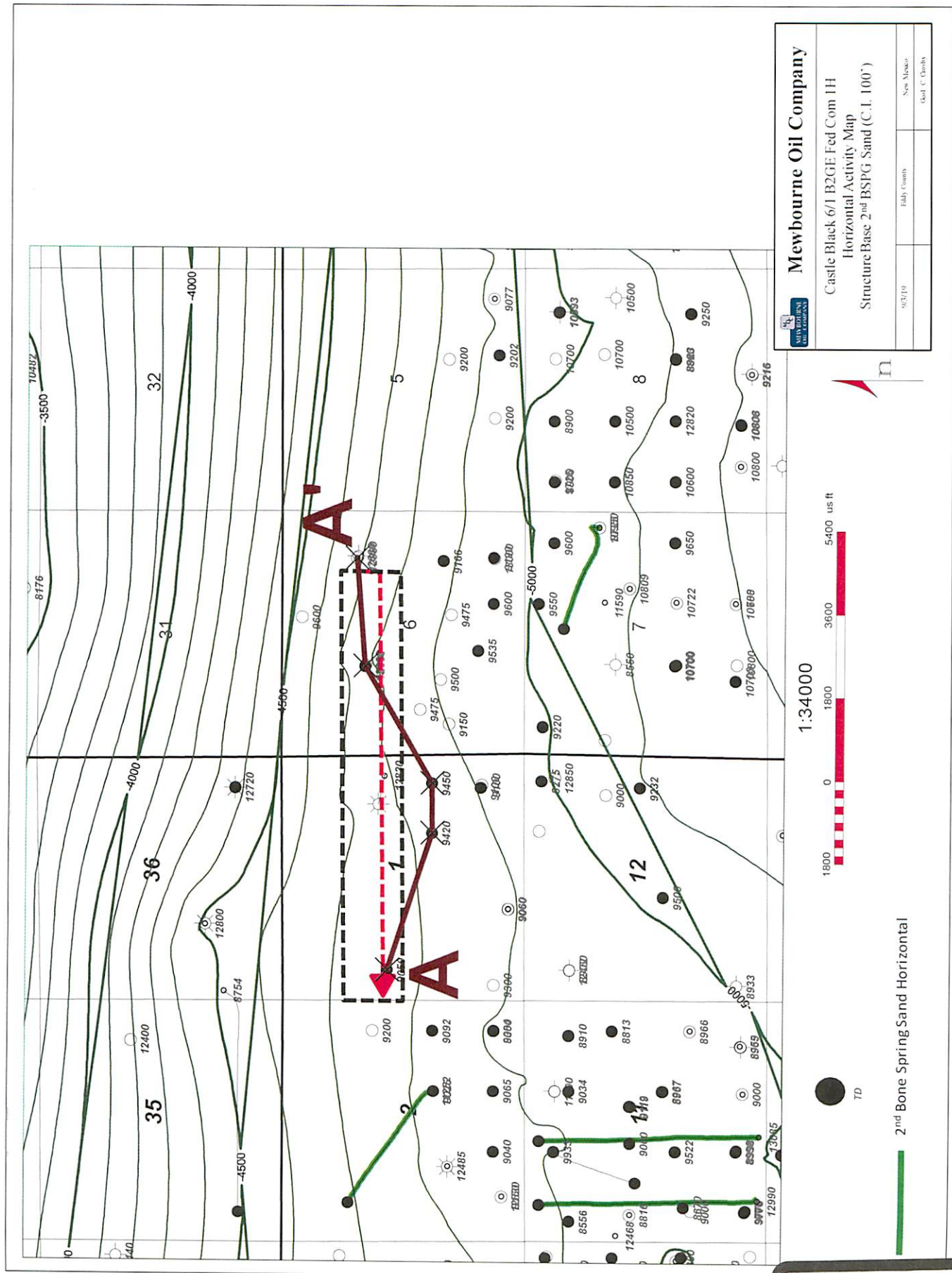
10. Exhibits A through E were either prepared by me or compiled from company records.

11. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 10 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

  
Charles Crosby

9/3/19  
Date

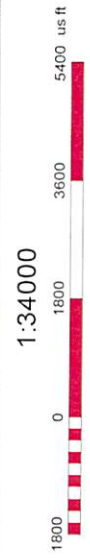




**Mewbourne Oil Company**

Castle Black 6/1 B2GE Fed Com 1H  
Horizontal Activity Map  
Structure Base 2<sup>nd</sup> BSPG Sand (C.I. 100')

9/3/19	Fully County	New Mexico	Geoff. C. County
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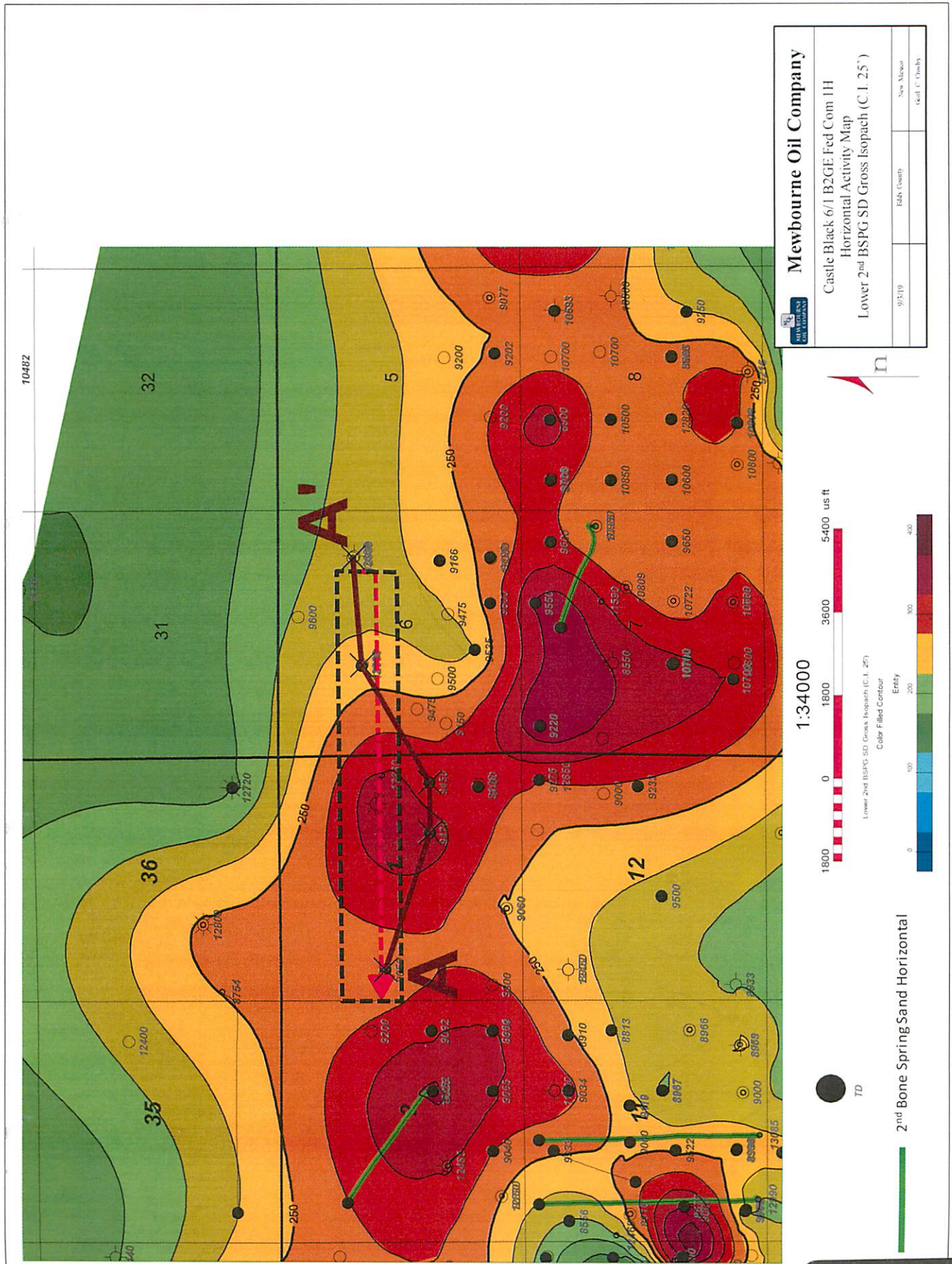
● TD

— 2<sup>nd</sup> Bone Spring Sand Horizontal

EXHIBIT

A





Mewbourne Oil Company			
Castle Black 6/1 B2GE Fed Com 1H			
Horizontal Activity Map			
Lower 2nd BSPG SD Gross Isopach (C.I. 25')			
9/3/19	Eddy County	New Mexico	West of Truth

EXHIBIT  
B







**Castle Black Area 2nd BSPG SD Production Table**

<b>Well Name</b>	<b>Operator</b>	<b>API</b>	<b>Location</b>	<b>Completion Date</b>	<b>Cum Oil (Mbo)</b>	<b>Cum Gas (Bcf)</b>	<b>Cum Water (Mbw)</b>	<b>NS/EW</b>	<b>Production Zone</b>
Mesquite 2 State Com 3H	Matador	3001525452	2J-18S-31E	3/5/2006	117.6	0.14	64.6	NW/SE	2nd BSPG SD
Tamano 11 MD Federal Com 1H	Mewbourne	3001541349	11M-18S-31E	8/10/2014	110.9	0.15	101.5	NS	2nd BSPG SD
Tamano 11 NC Federal 1H	Mewbourne	3001541350	11N-18S-31E	2/9/2014	81.7	0.13	118.5	NS	2nd BSPG SD
Bola 7 Federal Com 3H	Matador	3002535535	7H-18S-32E	9/12/2006	104.1	0.11	18.0	NW/SE	2nd BSPG SD

**EXHIBIT**

**D**

# **Mewbourne Oil Company**

Lea County, New Mexico NAD 83

Castle Black 6/1 B2GE Fed Com #1H

SL: 1700 FNL & 1330 FEL

Sec 6, T18S, R32E

BHL: 2240 FNL & 100 FWL

Plan: Design #1

## **Standard Planning Report**

12 November, 2018

**EXHIBIT**

**E**

## Planning Report

**Database:** Hobbs  
**Company:** Mewbourne Oil Company  
**Project:** Lea County, New Mexico NAD 83  
**Site:** Castle Black 6/1 B2GE Fed Com #1H  
**Well:** SL: 1700 FNL & 1330 FEL  
**Wellbore:** BHL: 2240 FNL & 100 FWL  
**Design:** Design #1

**Local Co-ordinate Reference:** Site Castle Black 6/1 B2GE Fed Com #1H  
**TVD Reference:** WELL @ 3866.0usft (Original Well Elev)  
**MD Reference:** WELL @ 3866.0usft (Original Well Elev)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Lea County, New Mexico NAD 83		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Site</b>	Castle Black 6/1 B2GE Fed Com #1H		
<b>Site Position:</b>	<b>Northing:</b>	647,620.00 usft	<b>Latitude:</b> 32.7792114
<b>From:</b> Map	<b>Easting:</b>	704,793.00 usft	<b>Longitude:</b> -103.8014935
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b> 13-3/16 "	<b>Grid Convergence:</b> 0.29 °

<b>Well</b>	SL: 1700 FNL & 1330 FEL		
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Latitude:</b> 32.7792114
	<b>+E/-W</b>	0.0 usft	<b>Longitude:</b> -103.8014935
<b>Position Uncertainty</b>	0.0 usft	<b>Wellhead Elevation:</b>	3,866.0 usft
		<b>Ground Level:</b>	3,839.0 usft

<b>Wellbore</b>	BHL: 2240 FNL & 100 FWL				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	11/12/2018	6.81	60.47	48,180

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	266.30

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
915.0	0.00	0.00	915.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,288.3	5.60	144.18	1,287.7	-14.8	10.7	1.50	1.50	0.00	144.18	
7,727.6	5.60	144.18	7,696.3	-524.2	378.3	0.00	0.00	0.00	0.00	
8,100.9	0.00	0.00	8,069.0	-539.0	389.0	1.50	-1.50	0.00	180.00	KOP: 2240 FNL & 94°
8,847.6	89.68	269.68	8,546.0	-541.6	-85.4	12.01	12.01	0.00	-90.32	
17,921.5	89.68	269.68	8,596.0	-592.0	-9,159.0	0.00	0.00	0.00	0.00	BHL: 2240 FNL & 100°



# Planning Report

Database: Hobbs  
 Company: Mewbourne Oil Company  
 Project: Lea County, New Mexico NAD 83  
 Site: Castle Black 6/1 B2GE Fed Com #1H  
 Well: SL: 1700 FNL & 1330 FEL  
 Wellbore: BHL: 2240 FNL & 100 FWL  
 Design: Design #1

Local Co-ordinate Reference: Site Castle Black 6/1 B2GE Fed Com #1H  
 TVD Reference: WELL @ 3866.0usft (Original Well Elev)  
 MD Reference: WELL @ 3866.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SL: 1700 FNL & 1330 FEL (Sec 6)									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
915.0	0.00	0.00	915.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	1.28	144.18	1,000.0	-0.8	0.6	-0.5	1.50	1.50	0.00
1,100.0	2.78	144.18	1,099.9	-3.6	2.6	-2.4	1.50	1.50	0.00
1,200.0	4.28	144.18	1,199.7	-8.6	6.2	-5.7	1.50	1.50	0.00
1,288.3	5.60	144.18	1,287.7	-14.8	10.7	-9.7	1.50	1.50	0.00
1,300.0	5.60	144.18	1,299.4	-15.7	11.3	-10.3	0.00	0.00	0.00
1,400.0	5.60	144.18	1,398.9	-23.6	17.0	-15.5	0.00	0.00	0.00
1,500.0	5.60	144.18	1,498.4	-31.5	22.8	-20.7	0.00	0.00	0.00
1,600.0	5.60	144.18	1,597.9	-39.4	28.5	-25.9	0.00	0.00	0.00
1,700.0	5.60	144.18	1,697.4	-47.4	34.2	-31.0	0.00	0.00	0.00
1,800.0	5.60	144.18	1,797.0	-55.3	39.9	-36.2	0.00	0.00	0.00
1,900.0	5.60	144.18	1,896.5	-63.2	45.6	-41.4	0.00	0.00	0.00
2,000.0	5.60	144.18	1,996.0	-71.1	51.3	-46.6	0.00	0.00	0.00
2,100.0	5.60	144.18	2,095.5	-79.0	57.0	-51.8	0.00	0.00	0.00
2,200.0	5.60	144.18	2,195.1	-86.9	62.7	-57.0	0.00	0.00	0.00
2,300.0	5.60	144.18	2,294.6	-94.8	68.4	-62.2	0.00	0.00	0.00
2,400.0	5.60	144.18	2,394.1	-102.7	74.1	-67.4	0.00	0.00	0.00
2,500.0	5.60	144.18	2,493.6	-110.6	79.9	-72.5	0.00	0.00	0.00
2,600.0	5.60	144.18	2,593.1	-118.6	85.6	-77.7	0.00	0.00	0.00
2,700.0	5.60	144.18	2,692.7	-126.5	91.3	-82.9	0.00	0.00	0.00
2,800.0	5.60	144.18	2,792.2	-134.4	97.0	-88.1	0.00	0.00	0.00
2,900.0	5.60	144.18	2,891.7	-142.3	102.7	-93.3	0.00	0.00	0.00
3,000.0	5.60	144.18	2,991.2	-150.2	108.4	-98.5	0.00	0.00	0.00
3,100.0	5.60	144.18	3,090.8	-158.1	114.1	-103.7	0.00	0.00	0.00
3,200.0	5.60	144.18	3,190.3	-166.0	119.8	-108.9	0.00	0.00	0.00
3,300.0	5.60	144.18	3,289.8	-173.9	125.5	-114.0	0.00	0.00	0.00
3,400.0	5.60	144.18	3,389.3	-181.8	131.2	-119.2	0.00	0.00	0.00
3,500.0	5.60	144.18	3,488.9	-189.8	136.9	-124.4	0.00	0.00	0.00
3,600.0	5.60	144.18	3,588.4	-197.7	142.7	-129.6	0.00	0.00	0.00
3,700.0	5.60	144.18	3,687.9	-205.6	148.4	-134.8	0.00	0.00	0.00
3,800.0	5.60	144.18	3,787.4	-213.5	154.1	-140.0	0.00	0.00	0.00
3,900.0	5.60	144.18	3,886.9	-221.4	159.8	-145.2	0.00	0.00	0.00
4,000.0	5.60	144.18	3,986.5	-229.3	165.5	-150.4	0.00	0.00	0.00
4,100.0	5.60	144.18	4,086.0	-237.2	171.2	-155.5	0.00	0.00	0.00
4,200.0	5.60	144.18	4,185.5	-245.1	176.9	-160.7	0.00	0.00	0.00
4,300.0	5.60	144.18	4,285.0	-253.0	182.6	-165.9	0.00	0.00	0.00
4,400.0	5.60	144.18	4,384.6	-261.0	188.3	-171.1	0.00	0.00	0.00
4,500.0	5.60	144.18	4,484.1	-268.9	194.0	-176.3	0.00	0.00	0.00
4,600.0	5.60	144.18	4,583.6	-276.8	199.8	-181.5	0.00	0.00	0.00
4,700.0	5.60	144.18	4,683.1	-284.7	205.5	-186.7	0.00	0.00	0.00
4,800.0	5.60	144.18	4,782.7	-292.6	211.2	-191.9	0.00	0.00	0.00
4,900.0	5.60	144.18	4,882.2	-300.5	216.9	-197.0	0.00	0.00	0.00
5,000.0	5.60	144.18	4,981.7	-308.4	222.6	-202.2	0.00	0.00	0.00

# Planning Report

Database: Hobbs  
Company: Mewbourne Oil Company  
Project: Lea County, New Mexico NAD 83  
Site: Castle Black 6/1 B2GE Fed Com #1H  
Well: SL: 1700 FNL & 1330 FEL  
Wellbore: BHL: 2240 FNL & 100 FWL  
Design: Design #1

Local Co-ordinate Reference: Site Castle Black 6/1 B2GE Fed Com #1H  
TVD Reference: WELL @ 3866.0usft (Original Well Elev)  
MD Reference: WELL @ 3866.0usft (Original Well Elev)  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.0	5.60	144.18	5,081.2	-316.3	228.3	-207.4	0.00	0.00	0.00
5,200.0	5.60	144.18	5,180.7	-324.3	234.0	-212.6	0.00	0.00	0.00
5,300.0	5.60	144.18	5,280.3	-332.2	239.7	-217.8	0.00	0.00	0.00
5,400.0	5.60	144.18	5,379.8	-340.1	245.4	-223.0	0.00	0.00	0.00
5,500.0	5.60	144.18	5,479.3	-348.0	251.1	-228.2	0.00	0.00	0.00
5,600.0	5.60	144.18	5,578.8	-355.9	256.9	-233.4	0.00	0.00	0.00
5,700.0	5.60	144.18	5,678.4	-363.8	262.6	-238.5	0.00	0.00	0.00
5,800.0	5.60	144.18	5,777.9	-371.7	268.3	-243.7	0.00	0.00	0.00
5,900.0	5.60	144.18	5,877.4	-379.6	274.0	-248.9	0.00	0.00	0.00
6,000.0	5.60	144.18	5,976.9	-387.5	279.7	-254.1	0.00	0.00	0.00
6,100.0	5.60	144.18	6,076.4	-395.5	285.4	-259.3	0.00	0.00	0.00
6,200.0	5.60	144.18	6,176.0	-403.4	291.1	-264.5	0.00	0.00	0.00
6,300.0	5.60	144.18	6,275.5	-411.3	296.8	-269.7	0.00	0.00	0.00
6,400.0	5.60	144.18	6,375.0	-419.2	302.5	-274.9	0.00	0.00	0.00
6,500.0	5.60	144.18	6,474.5	-427.1	308.2	-280.0	0.00	0.00	0.00
6,600.0	5.60	144.18	6,574.1	-435.0	314.0	-285.2	0.00	0.00	0.00
6,700.0	5.60	144.18	6,673.6	-442.9	319.7	-290.4	0.00	0.00	0.00
6,800.0	5.60	144.18	6,773.1	-450.8	325.4	-295.6	0.00	0.00	0.00
6,900.0	5.60	144.18	6,872.6	-458.7	331.1	-300.8	0.00	0.00	0.00
7,000.0	5.60	144.18	6,972.2	-466.7	336.8	-306.0	0.00	0.00	0.00
7,100.0	5.60	144.18	7,071.7	-474.6	342.5	-311.2	0.00	0.00	0.00
7,200.0	5.60	144.18	7,171.2	-482.5	348.2	-316.4	0.00	0.00	0.00
7,300.0	5.60	144.18	7,270.7	-490.4	353.9	-321.6	0.00	0.00	0.00
7,400.0	5.60	144.18	7,370.2	-498.3	359.6	-326.7	0.00	0.00	0.00
7,500.0	5.60	144.18	7,469.8	-506.2	365.3	-331.9	0.00	0.00	0.00
7,600.0	5.60	144.18	7,569.3	-514.1	371.0	-337.1	0.00	0.00	0.00
7,700.0	5.60	144.18	7,668.8	-522.0	376.8	-342.3	0.00	0.00	0.00
7,727.6	5.60	144.18	7,696.3	-524.2	378.3	-343.7	0.00	0.00	0.00
7,800.0	4.51	144.18	7,768.4	-529.4	382.1	-347.1	1.50	-1.50	0.00
7,900.0	3.01	144.18	7,868.2	-534.7	385.9	-350.6	1.50	-1.50	0.00
8,000.0	1.51	144.18	7,968.1	-537.9	388.2	-352.7	1.50	-1.50	0.00
8,100.0	0.01	144.18	8,068.1	-539.0	389.0	-353.4	1.50	-1.50	0.00
8,100.9	0.00	0.00	8,069.0	-539.0	389.0	-353.4	1.50	-1.50	0.00
KOP: 2240 FNL & 943 FEL (Sec 6)									
8,200.0	11.90	269.68	8,167.4	-539.1	378.7	-343.2	12.01	12.01	0.00
8,300.0	23.91	269.68	8,262.4	-539.2	348.1	-312.5	12.01	12.01	0.00
8,400.0	35.93	269.68	8,348.9	-539.5	298.3	-262.8	12.01	12.01	0.00
8,500.0	47.94	269.68	8,423.1	-539.9	231.6	-196.3	12.01	12.01	0.00
8,600.0	59.95	269.68	8,481.9	-540.3	150.9	-115.7	12.01	12.01	0.00
8,700.0	71.96	269.68	8,522.6	-540.8	59.7	-24.7	12.01	12.01	0.00
8,800.0	83.97	269.68	8,543.4	-541.4	-37.9	72.7	12.01	12.01	0.00
8,847.6	89.68	269.68	8,546.0	-541.6	-85.4	120.1	12.01	12.01	0.00
8,851.2	89.68	269.68	8,546.0	-541.7	-89.0	123.8	0.00	0.00	0.00
FTP: 2240 FNL & 1421 FEL									
8,900.0	89.68	269.68	8,546.3	-541.9	-137.8	172.5	0.00	0.00	0.00
9,000.0	89.68	269.68	8,546.8	-542.5	-237.8	272.3	0.00	0.00	0.00
9,100.0	89.68	269.68	8,547.4	-543.0	-337.8	372.1	0.00	0.00	0.00
9,200.0	89.68	269.68	8,547.9	-543.6	-437.8	471.9	0.00	0.00	0.00
9,300.0	89.68	269.68	8,548.5	-544.1	-537.8	571.8	0.00	0.00	0.00
9,400.0	89.68	269.68	8,549.0	-544.7	-637.8	671.6	0.00	0.00	0.00
9,500.0	89.68	269.68	8,549.6	-545.3	-737.8	771.4	0.00	0.00	0.00
9,600.0	89.68	269.68	8,550.1	-545.8	-837.8	871.2	0.00	0.00	0.00
9,700.0	89.68	269.68	8,550.7	-546.4	-937.8	971.1	0.00	0.00	0.00
9,800.0	89.68	269.68	8,551.2	-546.9	-1,037.8	1,070.9	0.00	0.00	0.00



# Planning Report

Database: Hobbs  
 Company: Mewbourne Oil Company  
 Project: Lea County, New Mexico NAD 83  
 Site: Castle Black 6/1 B2GE Fed Com #1H  
 Well: SL: 1700 FNL & 1330 FEL  
 Wellbore: BHL: 2240 FNL & 100 FWL  
 Design: Design #1

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

Site Castle Black 6/1 B2GE Fed Com #1H  
 WELL @ 3866.0usft (Original Well Elev)  
 WELL @ 3866.0usft (Original Well Elev)  
 Grid  
 Minimum Curvature

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,900.0	89.68	269.68	8,551.8	-547.5	-1,137.8	1,170.7	0.00	0.00	0.00
9,970.2	89.68	269.68	8,552.2	-547.9	-1,208.0	1,240.8	0.00	0.00	0.00
PPP2: 2240 FNL & 2642 FEL (Sec 6)									
10,000.0	89.68	269.68	8,552.4	-548.0	-1,237.8	1,270.5	0.00	0.00	0.00
10,100.0	89.68	269.68	8,552.9	-548.6	-1,337.8	1,370.4	0.00	0.00	0.00
10,200.0	89.68	269.68	8,553.5	-549.1	-1,437.8	1,470.2	0.00	0.00	0.00
10,300.0	89.68	269.68	8,554.0	-549.7	-1,537.8	1,570.0	0.00	0.00	0.00
10,400.0	89.68	269.68	8,554.6	-550.3	-1,637.8	1,669.8	0.00	0.00	0.00
10,500.0	89.68	269.68	8,555.1	-550.8	-1,737.8	1,769.7	0.00	0.00	0.00
10,600.0	89.68	269.68	8,555.7	-551.4	-1,837.8	1,869.5	0.00	0.00	0.00
10,700.0	89.68	269.68	8,556.2	-551.9	-1,937.8	1,969.3	0.00	0.00	0.00
10,800.0	89.68	269.68	8,556.8	-552.5	-2,037.7	2,069.1	0.00	0.00	0.00
10,900.0	89.68	269.68	8,557.3	-553.0	-2,137.7	2,169.0	0.00	0.00	0.00
11,000.0	89.68	269.68	8,557.9	-553.6	-2,237.7	2,268.8	0.00	0.00	0.00
11,100.0	89.68	269.68	8,558.4	-554.1	-2,337.7	2,368.6	0.00	0.00	0.00
11,200.0	89.68	269.68	8,559.0	-554.7	-2,437.7	2,468.4	0.00	0.00	0.00
11,300.0	89.68	269.68	8,559.5	-555.2	-2,537.7	2,568.3	0.00	0.00	0.00
11,400.0	89.68	269.68	8,560.1	-555.8	-2,637.7	2,668.1	0.00	0.00	0.00
11,500.0	89.68	269.68	8,560.6	-556.4	-2,737.7	2,767.9	0.00	0.00	0.00
11,600.0	89.68	269.68	8,561.2	-556.9	-2,837.7	2,867.7	0.00	0.00	0.00
11,700.0	89.68	269.68	8,561.7	-557.5	-2,937.7	2,967.6	0.00	0.00	0.00
11,800.0	89.68	269.68	8,562.3	-558.0	-3,037.7	3,067.4	0.00	0.00	0.00
11,900.0	89.68	269.68	8,562.8	-558.6	-3,137.7	3,167.2	0.00	0.00	0.00
12,000.0	89.68	269.68	8,563.4	-559.1	-3,237.7	3,267.0	0.00	0.00	0.00
12,100.0	89.68	269.68	8,563.9	-559.7	-3,337.7	3,366.9	0.00	0.00	0.00
12,200.0	89.68	269.68	8,564.5	-560.2	-3,437.7	3,466.7	0.00	0.00	0.00
12,300.0	89.68	269.68	8,565.0	-560.8	-3,537.7	3,566.5	0.00	0.00	0.00
12,400.0	89.68	269.68	8,565.6	-561.4	-3,637.7	3,666.3	0.00	0.00	0.00
12,500.0	89.68	269.68	8,566.1	-561.9	-3,737.7	3,766.2	0.00	0.00	0.00
12,600.0	89.68	269.68	8,566.7	-562.5	-3,837.7	3,866.0	0.00	0.00	0.00
12,700.0	89.68	269.68	8,567.2	-563.0	-3,937.7	3,965.8	0.00	0.00	0.00
12,740.3	89.68	269.68	8,567.5	-563.2	-3,978.0	4,006.0	0.00	0.00	0.00
PPP3: 2240 FNL & 0 FEL (Sec 1)									
12,800.0	89.68	269.68	8,567.8	-563.6	-4,037.7	4,065.6	0.00	0.00	0.00
12,900.0	89.68	269.68	8,568.3	-564.1	-4,137.7	4,165.5	0.00	0.00	0.00
13,000.0	89.68	269.68	8,568.9	-564.7	-4,237.7	4,265.3	0.00	0.00	0.00
13,100.0	89.68	269.68	8,569.4	-565.2	-4,337.7	4,365.1	0.00	0.00	0.00
13,200.0	89.68	269.68	8,570.0	-565.8	-4,437.7	4,464.9	0.00	0.00	0.00
13,300.0	89.68	269.68	8,570.5	-566.3	-4,537.7	4,564.8	0.00	0.00	0.00
13,400.0	89.68	269.68	8,571.1	-566.9	-4,637.7	4,664.6	0.00	0.00	0.00
13,500.0	89.68	269.68	8,571.6	-567.5	-4,737.7	4,764.4	0.00	0.00	0.00
13,600.0	89.68	269.68	8,572.2	-568.0	-4,837.7	4,864.2	0.00	0.00	0.00
13,700.0	89.68	269.68	8,572.7	-568.6	-4,937.7	4,964.1	0.00	0.00	0.00
13,800.0	89.68	269.68	8,573.3	-569.1	-5,037.7	5,063.9	0.00	0.00	0.00
13,900.0	89.68	269.68	8,573.8	-569.7	-5,137.7	5,163.7	0.00	0.00	0.00
14,000.0	89.68	269.68	8,574.4	-570.2	-5,237.7	5,263.5	0.00	0.00	0.00
14,100.0	89.68	269.68	8,574.9	-570.8	-5,337.6	5,363.3	0.00	0.00	0.00
14,200.0	89.68	269.68	8,575.5	-571.3	-5,437.6	5,463.2	0.00	0.00	0.00
14,300.0	89.68	269.68	8,576.0	-571.9	-5,537.6	5,563.0	0.00	0.00	0.00
14,400.0	89.68	269.68	8,576.6	-572.5	-5,637.6	5,662.8	0.00	0.00	0.00
14,500.0	89.68	269.68	8,577.1	-573.0	-5,737.6	5,762.6	0.00	0.00	0.00
14,600.0	89.68	269.68	8,577.7	-573.6	-5,837.6	5,862.5	0.00	0.00	0.00
14,700.0	89.68	269.68	8,578.2	-574.1	-5,937.6	5,962.3	0.00	0.00	0.00

# Planning Report

Database: Hobbs  
 Company: Mewbourne Oil Company  
 Project: Lea County, New Mexico NAD 83  
 Site: Castle Black 6/1 B2GE Fed Com #1H  
 Well: SL: 1700 FNL & 1330 FEL  
 Wellbore: BHL: 2240 FNL & 100 FWL  
 Design: Design #1

Local Co-ordinate Reference: Site Castle Black 6/1 B2GE Fed Com #1H  
 TVD Reference: WELL @ 3866.0usft (Original Well Elev)  
 MD Reference: WELL @ 3866.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,800.0	89.68	269.68	8,578.8	-574.7	-6,037.6	6,062.1	0.00	0.00	0.00
14,900.0	89.68	269.68	8,579.4	-575.2	-6,137.6	6,161.9	0.00	0.00	0.00
15,000.0	89.68	269.68	8,579.9	-575.8	-6,237.6	6,261.8	0.00	0.00	0.00
15,100.0	89.68	269.68	8,580.5	-576.3	-6,337.6	6,361.6	0.00	0.00	0.00
15,200.0	89.68	269.68	8,581.0	-576.9	-6,437.6	6,461.4	0.00	0.00	0.00
15,300.0	89.68	269.68	8,581.6	-577.4	-6,537.6	6,561.2	0.00	0.00	0.00
15,382.4	89.68	269.68	8,582.0	-577.9	-6,620.0	6,643.5	0.00	0.00	0.00
PPP4: 2240 FNL & 2643 FEL (Sec 1)									
15,400.0	89.68	269.68	8,582.1	-578.0	-6,637.6	6,661.1	0.00	0.00	0.00
15,500.0	89.68	269.68	8,582.7	-578.6	-6,737.6	6,760.9	0.00	0.00	0.00
15,600.0	89.68	269.68	8,583.2	-579.1	-6,837.6	6,860.7	0.00	0.00	0.00
15,700.0	89.68	269.68	8,583.8	-579.7	-6,937.6	6,960.5	0.00	0.00	0.00
15,800.0	89.68	269.68	8,584.3	-580.2	-7,037.6	7,060.4	0.00	0.00	0.00
15,900.0	89.68	269.68	8,584.9	-580.8	-7,137.6	7,160.2	0.00	0.00	0.00
16,000.0	89.68	269.68	8,585.4	-581.3	-7,237.6	7,260.0	0.00	0.00	0.00
16,100.0	89.68	269.68	8,586.0	-581.9	-7,337.6	7,359.8	0.00	0.00	0.00
16,200.0	89.68	269.68	8,586.5	-582.4	-7,437.6	7,459.7	0.00	0.00	0.00
16,300.0	89.68	269.68	8,587.1	-583.0	-7,537.6	7,559.5	0.00	0.00	0.00
16,400.0	89.68	269.68	8,587.6	-583.6	-7,637.6	7,659.3	0.00	0.00	0.00
16,500.0	89.68	269.68	8,588.2	-584.1	-7,737.6	7,759.1	0.00	0.00	0.00
16,600.0	89.68	269.68	8,588.7	-584.7	-7,837.6	7,859.0	0.00	0.00	0.00
16,700.0	89.68	269.68	8,589.3	-585.2	-7,937.6	7,958.8	0.00	0.00	0.00
16,800.0	89.68	269.68	8,589.8	-585.8	-8,037.6	8,058.6	0.00	0.00	0.00
16,900.0	89.68	269.68	8,590.4	-586.3	-8,137.6	8,158.4	0.00	0.00	0.00
17,000.0	89.68	269.68	8,590.9	-586.9	-8,237.6	8,258.3	0.00	0.00	0.00
17,100.0	89.68	269.68	8,591.5	-587.4	-8,337.6	8,358.1	0.00	0.00	0.00
17,200.0	89.68	269.68	8,592.0	-588.0	-8,437.6	8,457.9	0.00	0.00	0.00
17,300.0	89.68	269.68	8,592.6	-588.6	-8,537.6	8,557.7	0.00	0.00	0.00
17,400.0	89.68	269.68	8,593.1	-589.1	-8,637.5	8,657.6	0.00	0.00	0.00
17,500.0	89.68	269.68	8,593.7	-589.7	-8,737.5	8,757.4	0.00	0.00	0.00
17,600.0	89.68	269.68	8,594.2	-590.2	-8,837.5	8,857.2	0.00	0.00	0.00
17,700.0	89.68	269.68	8,594.8	-590.8	-8,937.5	8,957.0	0.00	0.00	0.00
17,800.0	89.68	269.68	8,595.3	-591.3	-9,037.5	9,056.9	0.00	0.00	0.00
17,900.0	89.68	269.68	8,595.9	-591.9	-9,137.5	9,156.7	0.00	0.00	0.00
17,921.5	89.68	269.68	8,596.0	-592.0	-9,159.0	9,178.1	0.00	0.00	0.00
BHL: 2240 FNL & 100 FWL (Sec 1)									



## Planning Report

**Database:** Hobbs  
**Company:** Mewbourne Oil Company  
**Project:** Lea County, New Mexico NAD 83  
**Site:** Castle Black 6/1 B2GE Fed Com #1H  
**Well:** SL: 1700 FNL & 1330 FEL  
**Wellbore:** BHL: 2240 FNL & 100 FWL  
**Design:** Design #1

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

Site Castle Black 6/1 B2GE Fed Com #1H  
 WELL @ 3866.0usft (Original Well Elev)  
 WELL @ 3866.0usft (Original Well Elev)  
 Grid  
 Minimum Curvature

### Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SL: 1700 FNL & 1330 FE - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	647,620.00	704,793.00	32.7792114	-103.8014935
KOP: 2240 FNL & 943 F - plan hits target center - Point	0.00	0.00	8,069.0	-539.0	389.0	647,081.00	705,182.00	32.7777246	-103.8002366
FTP: 2240 FNL & 1421 f - plan hits target center - Point	0.00	0.00	8,546.0	-541.7	-89.0	647,078.35	704,704.00	32.7777239	-103.8017919
PPP2: 2240 FNL & 2642 - plan hits target center - Point	0.00	0.00	8,552.2	-547.9	-1,208.0	647,072.14	703,585.00	32.7777222	-103.8054327
PPP3: 2240 FNL & 0 FE - plan hits target center - Point	0.00	0.00	8,567.5	-563.2	-3,978.0	647,056.76	700,815.00	32.7777176	-103.8144453
PPP4: 2240 FNL & 2643 - plan hits target center - Point	0.00	0.00	8,582.0	-577.9	-6,620.0	647,042.10	698,173.00	32.7777126	-103.8230415
BHL: 2240 FNL & 100 F - plan hits target center - Point	0.00	0.00	8,596.0	-592.0	-9,159.0	647,028.00	695,634.00	32.7777073	-103.8313025

# Castle Black 6/1 B2GE Fed Com #1H

