

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

**APPLICATION OF MEWBOURNE OIL  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 21390**

**MEWBOURNE OIL COMPANY'S  
HEARING EXHIBITS**

**Compulsory Pooling Checklist**

Exhibit A	Self-Affirmed Statement of Mitch Robb
A-1	Application
A-2	Midland Map
A-3	Plat of Tracts
A-4	Unit Recapitulation
A-5	List of Tract Ownership and Pooled Parties
A-6	Well Proposal Letter
A-7	Summary of Communications
A-8	Proposed Notice of Hearing
A-9	Hearing Notice Letter and Return Receipts
A-10	Affidavit of Publication
A-11	Authorization for Expenditures
Exhibit B	Self-Affirmed Statement of Charles Crosby
B-1	General Location Map
B-2	Structure Map

B-3	Gross Isopach Map
B-4	Cross Section
B-5	Production Table
B-6	Well Planning Report

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# COMPULSORY POOLING APPLICATION CHECKLIST (pdf)

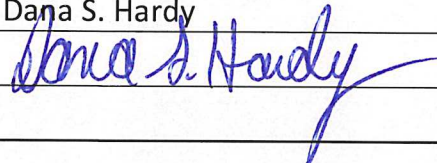
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: #21390	APPLICANT'S RESPONSE
Date: November 3, 2020	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company, 14744
Applicant's Counsel:	Hinkle Shanor LLP, Dana S. Hardy
Case Title:	APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	MRC Permian, LLC
Well Family	Eastwatch
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Young Bone Spring North Pool, Code 65350
Well Location Setback Rules:	Standard Oil, 100' setback
Spacing Unit Size:	40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	323.8 acres
Building Blocks:	40 acres
Orientation:	West to East
Description: TRS/County	N/2 N/2 Sections 3 and 4, Township 18 South, Range 32 East, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit A-5
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	



Well #1	Eastwatch 4/3 B2DA Fed Com #1H (API # unassigned); SHL: 2140' FNL & 300' FWL (Sec. 4); BHL: 660' FNL & 100' FEL (Sec. 3); laydown; standard
Well #2	
Horizontal Well First and Last Take Points	FTP: 660' FNL and 100' FWL (Sec. 4); LTP: 660' FNL & 100' FEL (Sec. 3)
Completion Target (Formation, TVD and MD)	Bone Spring Formation; TVD: 8,350'; MD: 17,330'
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000, Exhibit A
Production Supervision/Month \$	\$800, Exhibit A
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%, Exhibit A
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit A-8
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit A-9
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit A-10
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-5
Pooled Parties (including ownership type)	Exhibit A-5
Unlocatable Parties to be Pooled	Exhibit A-5
Ownership Depth Severance (including percentage above & below)	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-6
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-5
Chronology of Contact with Non-Joined Working Interests	Exhibit A-7
Overhead Rates In Proposal Letter	Exhibits A, A-6



Cost Estimate to Drill and Complete	Exhibit A-11
Cost Estimate to Equip Well	Exhibit A-11
Cost Estimate for Production Facilities	Exhibit A-11
<b>Geology</b>	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibits B-1, B-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-6
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-4
Depth Severance Discussion	Exhibit B
<b>Forms, Figures and Tables</b>	
C-102	Pending
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits A-3, A-4, A-5
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibits B-1, B-2
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-4
<b>Additional Information</b>	No special provision/stipulations
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Dana S. Hardy
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	3-Nov-20

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

**APPLICATION OF MEWBOURNE OIL  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 21390**

**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 323.80-acre, more or less, standard horizontal spacing unit ("HSU") that is the subject of Mewbourne's application in this case. A copy of the application is attached as Exhibit A-1.

3. I have previously testified before the Division, and my qualifications as an expert in petroleum land matters were accepted.

**A. Proposed Horizontal Spacing Unit**

4. The proposed HSU is comprised of the N/2 N/2 of Sections 3 and 4, Township 18 South, Range 32 East in Lea County, New Mexico. A Midland Map depicting the proposed HSU is attached as Exhibit A-2.

5. Mewbourne seeks to pool all uncommitted interests in the Bone Spring formation underlying the HSU.

6. The HSU will be dedicated to the Eastwatch 4/3 B2DA Fed Com #1H well, which will be horizontally drilled from a surface location in Unit E in Section 4 to a bottom hole location in Unit A in Section 3, Township 18 South, Range 32 East in Lea County. The first take point for

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**MEWBOURNE OIL  
Exhibit A**



the Eastwatch 4/3 B2DA Fed Com #1H well is 660' FNL and 100' FWL in Section 4, and the last take point is 660' FNL and 100' FEL in Section 3. The target interval is the Bone Spring formation at 8,350' TVD and 17,330' TMD.

7. The proposed well will be completed from West to East, and the completed interval of the well will be orthodox.

8. The proposed well is located in the Young Bone Spring North Pool, Code 65350. With respect to well setback requirements, this pool is subject to the statewide horizontal well rules set out in NMAC 19.15.16.15. Spacing in this pool is based on quarter-quarter sections, and the HSU is constructed based on quarter-quarter sections.

9. The C-102 for the proposed well is pending.

#### **B. Ownership Determination**

10. A plat of the tracts included in the HSU and the associated ownership interests is attached as Exhibit A-3, and a recapitulation is attached as Exhibit A-4.

11. A list of the tract ownership, which also identifies the pooled parties and unlocatable interests, is attached as Exhibit A-5.

12. There is no depth severance in the Bone Spring formation in the proposed HSU.

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

#### **C. Joinder**

14. I sent well proposal letters to the uncommitted interests on December 17, 2019 and subsequently had follow-up communications with them. My well proposal letter is attached as Exhibit A-6. A summary of my follow-up contacts with the uncommitted interests is attached as Exhibit A-7.

15. A list of interest owners is provided in Exhibit A-5.
16. 36.255680% of the working interests are committed to the proposed well.
17. In my opinion, Mewbourne has made a good faith effort to obtain the voluntary joinder of uncommitted interests in the proposed wells.

#### **D. Notice of Hearing**

18. Mewbourne's proposed notice of hearing is attached as Exhibit A-8.
19. At my direction, notice of Mewbourne's application and the Division hearing was provided to the uncommitted interests at least 20 days prior to the hearing date. The notice letter and associated receipts are attached as Exhibit A-9.
20. Notice of Mewbourne's application and the Division hearing was published more than ten business days prior to the hearing date. The affidavit of publication is attached as Exhibit A-10.
21. Mewbourne conducted a diligent, good-faith effort to identify the correct addresses of persons entitled to notice and has complied with the Division's notice requirements.

#### **E. Drilling and Operating Costs**

22. The AFEs for the proposed wells are attached as Exhibit A-11. 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 Lea County.
23. 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.

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

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

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

27. In my opinion, the granting of Mewbourne's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

28. 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 27 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

10/27/2020  
Date

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

**APPLICATION OF MEWBOURNE OIL  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 21390**

**APPLICATION**

Pursuant to NMSA § 70-2-17, Mewbourne Oil Company ("Mewbourne") applies for an order pooling all uncommitted mineral interests in the Bone Spring formation in a 323.8-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Sections 3 and 4, Township 18 South, Range 32 East in Lea County, New Mexico. In support of its application, Mewbourne states the following.

1. Mewbourne (OGRID No. 14744) is a working interest owner in the proposed horizontal spacing unit and has the right to drill a well thereon.
2. The horizontal spacing unit will be dedicated to the Eastwatch 4/3 B2DA Fed Com #1H well, which will be horizontally drilled from a surface location in Unit E in Section 4 to a bottom hole location in Unit A in Section 3.
3. The completed interval for the well will be orthodox.
4. Mewbourne has undertaken diligent, good-faith efforts to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well but has been unable to obtain voluntary agreements from all of the mineral interest owners.
5. The pooling of all uncommitted mineral interests in the Bone Spring formation underlying the N/2 N/2 of Sections 3 and 4, Township 18 South, Range 32 East will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

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**MEWBOURNE OIL  
Exhibit A-1**



6. In order to allow Mewbourne to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted mineral interests in the horizontal spacing unit should be pooled.

WHEREFORE, Mewbourne requests that this application be set for hearing on September 10, 2020 and that, after notice and hearing, the Division enter an order:

A. Pooling all uncommitted mineral interests in the Bone Spring formation underlying the N/2 N/2 of Sections 3 and 4, Township 18 South, Range 32 East in Lea County;

B. Designating Mewbourne as the operator of the Eastwatch 4/3 B2DA Fed Com #1H well;

C. Authorizing Mewbourne to recover its costs of drilling, equipping, and completing the Eastwatch 4/3 B2DA Fed Com #1H well and allocating the costs among the well's working interest owners;

D. Approving the actual operating charges and costs of supervision during drilling and after completion, together with a provision for adjusting the rates pursuant to the COPAS accounting procedure; and

E. Imposing a 200% penalty for the risk assumed by Mewbourne in drilling and completing the Eastwatch 4/3 B2DA Fed Com #1H well against any mineral interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Dioscoro "Andy" Blanco

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 982-8623

dhardy@hinklelawfirm.com

dblanco@hinklelawfirm.com

*Counsel for Mewbourne Oil Company*



[illegible]

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**MEWBOURNE OIL**

**Exhibit A-2**



**Section Plat**  
 Eastwatch 3/4 B2DA Fed Com #1H  
 N/2N/2 of Sections 3&4-T18S-R32E, Lea County, NM

Section 4			Section 3	
Tract 1	Tract 2	Tract 3	Tract 4	Tract5

**Tract 1: Lots 3 & 4 (N/2NW/4) of Sec 4 - Fed Lease LC 063345**

Arnold Frank Brock  
 Chase Oil Corporation  
 Christine Brock  
 Delbert Ray Utter  
 Evelyn B. Harris  
 Platform Energy III, LLC  
 Irene G. Brock  
 Majorie Nell Clark  
 Rebecca Jane Kelly Babbit

**Tract 2: Lot 2 (NW/4NE/4) of Sec 4 - Fed Lease LC 061840-A**

Mewbourne Oil Company  
 MRC Delaware Resources LLC  
 MRC Explorers Resources LLC  
 MRC Spiral Resources LLC  
 Jalapeno Corp.  
 Yates Energy Corporation

**Tract 3: NE/4NE/4 of Sec 4 - Fed Lease NM 141007**

Federal Abstract Company

**Tract 4: N/2NW/4 of Sec 3 - Fed Lease LC 029409-B**

Mewbourne Oil Company

**Tract 5: N/2NE/4 of Sec 3 - Fed Lease NM 11118**

Mewbourne Oil Company  
 Colkelan Corp.  
 David B. Percy  
 Jalapeno Corp.  
 MRC Delaware Resources LLC  
 MRC Explorers Resources LLC  
 MRC Spiral Resources LLC  
 Rosemary T. Avery  
 Yates Energy Corporation

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**MEWBOURNE OIL**  
**Exhibit A-3**



**RECAPITULATION FOR EASTWATCH 3/4 B2DA FED COM #1H**

Tract Number	Number of Acres Committed	Percentage of Interest in Communitized Area
1	80.47	24.851760%
2	40.41	12.479926%
3	40.52	12.513897%
4	81.18	25.071032%
5	81.22	25.083385%
<b>TOTAL</b>	<b>323.8</b>	<b>100.000000%</b>

T18S-R32E, Lea County, NM

Section 4			Section 3	
Tract 1	Tract 2	Tract 3	Tract 4	Tract 5

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**MEWBOURNE OIL**  
**Exhibit A-4**

**TRACT OWNERSHIP**  
Eastwatch 3/4 B2DA Fed Com #1H  
N/2N/2 of Sections 3&4-T18S-R32E, Lea County, NM

N/2N/2 of Section 3 & N/2N/2 of Section 4  
Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	36.255680%
*MRC Delaware Resources LLC	18.409853%
*Federal Abstract Company	12.513897%
*Yates Energy Corporation	6.822232%
*Christine Brock (unlocatable)	6.212940%
*Irene G. Brock (unlocatable)	3.106470%
*MRC Explorers Resources LLC	2.502763%
*Evelyn B. Harris (unlocatable)	2.485176%
*Rebecca Jane Kelly Babbit (unlocatable)	2.485176%
*Delbert Ray Utter	2.485176%
*MRC Spiral Resources LLC	2.075229%
*Colkelan Corp. (unlocatable)	1.288103%
*Arnold Frank Brock (unlocatable)	1.035490%
*Majorie Nell Clark (unlocatable)	1.035490%
*Chase Oil Corporation	1.035490%
*Rosemary T. Avery (unlocatable)	0.167223%
*David B. Percy (unlocatable)	0.083611%
<b>TOTAL</b>	<b>100.000000%</b>
 *Total Interest Being Pooled:	 63.744320%

OWNERSHIP BY TRACT

N/2NW/4 of Section 4

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	20.000000%
Christine Brock	25.000000%
Irene G. Brock	12.500000%
Delbert Ray Utter	10.000000%
Evelyn B. Harris	10.000000%
Rebecca Jane Kelly Babbit	10.000000%
Arnold Frank Brock	4.166667%
Chase Oil Corporation	4.166666%
Majorie Nell Clark	4.166667%
<b>TOTAL</b>	<b>80.000000%</b>

NW/4NE/4 of Section 4

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	10.529530%
MRC Delaware Resources LLC	52.659936%
Yates Energy Corporation	21.933034%
MRC Explorers Resources LLC	7.438750%
MRC Spiral Resources LLC	7.438750%
<b>TOTAL</b>	<b>100.000000%</b>

NE/4NE/4 of Section 4

Owner	% of Leasehold Interest
Federal Abstract Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

N/2NW/4 of Section 3

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

N/2NE/4 of Section 3

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	19.535716%
MRC Delaware Resources LLC	47.194318%
Yates Energy Corporation	16.285704%
MRC Explorers Resources LLC	6.276715%
Colkelan Corp.	5.135284%
MRC Spiral Resources LLC	4.572263%
David B. Percy	0.333333%
Rosemary T. Avery	0.666667%
<b>TOTAL</b>	<b>100.000000%</b>

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**MEWBOURNE OIL**  
**Exhibit A-5**



MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

December 17, 2019

Via Certified Mail

MRC Delaware Resources LLC  
MRC Explorers Resources LLC  
MRC Spiral Resources LLC  
Attn: Nick Weeks  
One Lincoln Center  
5400 LBJ Freeway, Suite 1500  
Dallas, Texas 75240

Re: Eastwatch 4/3 B2DA Fed Com #1H  
2140' FNL & 300' FWL (Section 4)  
660' FNL & 100' FEL (Section 3)

Eastwatch 4/3 B2EH Fed Com #1H  
2170' FNL & 300' FWL (Section 4)  
1980' FNL & 100' FEL (Section 3)

Sections 3 & 4, T18S, R32E  
Lea County, New Mexico

Ladies and Gentlemen,

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 643.80 acre Working Interest Unit ("WIU") covering the N/2 of the captioned Section 3 and the N/2 of the captioned Section 4 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 Eastwatch 4/3 B2DA Fed Com #1H 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 8,350 feet subsurface to evaluate the Second Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 17,330 feet. The N/2N/2 of the captioned Section 3 and the N/2N/2 of the captioned Section 4 will be dedicated to the well as the proration unit.

Mewbourne as Operator hereby proposes to drill the captioned Eastwatch 4/3 B2EH Fed Com #1H 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 8,530 feet subsurface to evaluate the Second Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 17,480 feet. The S/2N/2 of the captioned Section 3 and the S/2N/2 of the captioned Section 4 will be dedicated to the well as the proration unit.


Regarding the above, enclosed for your further handling are our AFEs dated November 8, 2019 for the captioned proposed wells. Please sign and return said AFEs 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

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MEWBOURNE OIL  
Exhibit A-6



**Summary of Communications**  
**Eastwatch 3/4 B2DA Fed Com #1H**  
**N/2N/2 of Sections 3&4-T18S-R32E, Lea County, NM**

**MRC Delaware Resources LLC**

**MRC Spiral Resources LLC**

**MRC Explorers Resources LLC:**

12/17/2019: Mailed Working Interest Unit and Well Proposal to the above listed party.  
05/07/2020: Mailed Joint Operating Agreement to the above listed party.  
06/24/2020: Sent replacement page of Joint Operating Agreement to the above listed party.  
08/03/2020: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
08/10/2020: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
09/04/2020: Called and left voicemail regarding Working Interest Unit and Well Proposal.  
09/15/2020: Called and left voicemail regarding Working Interest Unit and Well Proposal.  
10/05/2020: Called and left voicemail regarding Working Interest Unit and Well Proposal.  
10/08/2020: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
10/20/2020: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.

**Federal Abstract Company:**

07/07/2020: Mailed Working Interest Unit and Well Proposal to the above listed party.

**Yates Energy Corporation:**

11/26/2019: Correspondence with above listed party regarding acquiring their interest.  
12/05/2019: Correspondence with above listed party regarding acquiring their interest.  
12/17/2019: Mailed Working Interest Unit and Well Proposal to the above listed party.  
01/7-10/2020: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.  
03/13-25/2020: Correspondence with above listed party regarding acquiring their interest.  
4/24/2020: Correspondence with above listed party regarding acquiring their interest.  
5/01-06/02/2020: Correspondence with above listed party regarding acquiring their interest and regarding Working Interest Unit and Well Proposal.  
05/07/2020: Mailed Joint Operating Agreement to the above listed party.  
06/24/2020: Sent replacement page of Joint Operating Agreement to the above listed party.  
10/9-28/2020: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.

**Chase Oil Corporation**

12/17/2019: Mailed Working Interest Unit and Well Proposal to the above listed party.  
05/07/2020: Mailed Joint Operating Agreement to the above listed party.  
12/17/2020 - Present: Multiple phone calls/emails with above listed party regarding Working Interest Unit, Well Proposal & JOA.  
10/27/2020: Above listed party agreed to assign their interest to Mewbourne.

**Colkelan Corp.:**

12/17/2019: Mailed Working Interest Unit and Well Proposal to the above listed party.  
05/07/2020: Mailed Joint Operating Agreement to the above listed party.  
10/07/2020: Called and left voicemail regarding Working Interest Unit and Well Proposal.  
10/27/2020: Called and left voicemail regarding Working Interest Unit and Well Proposal.

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MEWBOURNE OIL

Exhibit A-7



**Christine Brock**

**Irene G. Brock**

**Rebecca Jane Kelly Babbit**

**Delbert Ray Utter**

**Evelyn B. Harris**

**Arnold Frank Brock**

**Majorie Nell Clark**

**Rosemary T. Avery**

**David B. Percy:**

**12/17/2019:** Mailed Working Interest Unit and Well Proposal to the above listed parties.

**Ongoing:** Multiple phone calls to various numbers trying to reach the above listed parties. Unable to get ahold of the above listed parties.

**Application of Mewbourne Oil Company for compulsory pooling, Lea County, New Mexico.**

Applicant seeks an order pooling all uncommitted mineral interests in the Bone Spring formation in a 323.8-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Sections 3 and 4, Township 18 South, Range 32 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the Eastwatch 4/3 B2DA Fed Com #1H well, which will be horizontally drilled from a surface location in Unit E in Section 4 to a bottom hole location in Unit A in Section 3. The completed interval for the well will be orthodox. Also to be considered will be the costs of drilling and completing the well and the allocation of the costs, the designation of Mewbourne Oil Company as the operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well is located approximately 5.5 miles southwest of Maljamar, New Mexico.

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**MEWBOURNE OIL**  
**Exhibit A-8**





# 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 18, 2020

## VIA CERTIFIED MAIL

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

Re: Mewbourne Oil Company NMOCD Application

Dear Mr. Weeks:

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"). The application (Case No. 21390) seeks an order pooling all uncommitted mineral interests in the Bone Spring formation in a 323.8-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Sections 3 and 4, Township 18 South, Range 32 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the Eastwatch 4/3 B2DA Fed Com #1H well, which will be horizontally drilled from a surface location in Unit E in Section 4 to a bottom hole location in Unit A in Section 3.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on September 10, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <http://www.emnrd.state.nm.us/OCD/hearings.html>. MRC Spiral Resources LLC ("MRC") is not required to attend the 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 MRC 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, September 3, 2020. The Pre-Hearing Statement must be filed with the Division 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

Case No. 21390

**MEWBOURNE OIL**  
**Exhibit A-9**

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.

## 1. Article Addressed to:

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



9590 9402 5941 0062 9879 82

## 2. Article Number (Transfer from service label)

7020 0640 0000 0302 9034

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

H002C19

## C. Date of Delivery

08/21/20

## 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
- ☐ 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

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:

Nadel and Gussman Capitan, LLC  
15 East 5<sup>th</sup> Street, Suite 3300  
Tulsa, OK 74103-4340



9590 9402 5941 0062 9879 99

## 2. Article Number (Transfer from service label)

7020 0640 0000 0302 9041

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

317

## C. Date of Delivery

8-22-20

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

all Restricted Delivery

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

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:

Rebecca Jane Kelly Babbit  
2106 Hazard Street  
Houston, TX 77019



9590 9402 5941 0062 9880 02

## 2. Article Number (Transfer from service label)

7020 0640 0000 0302 9058

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

- ☐ 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


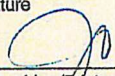
- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise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

all Restricted Delivery


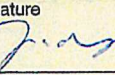
PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt


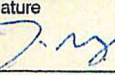


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:  <b>Majorie Nell Clark</b>  <b>4405 Douglas McArthur, Apt. C</b>  <b>Albuquerque, NM 87110</b></p> <div style="text-align: center;">   <b>9590 9402 5941 0062 9879 44</b> </div> <p>2. Article Number (Transfer from service label)  <b>7020 0640 0000 0302 9171</b></p>	<p>A. Signature  <b>X</b>  <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span></p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span>  <b>38019</b> <span style="float: right;"><b>8/26/20</b></span></p> <p>D. Is delivery address different from item 1? <span style="float: right;"><input type="checkbox"/> Yes</span>          If YES, enter delivery address below: <span style="float: right;"><input type="checkbox"/> No</span></p> <p>3. Service Type <span style="float: right;"> <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input checked="" type="checkbox"/> Certified Mail®  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Restricted Delivery (over \$500)         </span></p> <p style="text-align: right;"> <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery         </p>

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:  <b>MRC Delaware Resources LLC</b>  <b>One Lincoln Center</b>  <b>5400 LBJ Freeway, Suite 1500</b>  <b>Dallas, TX 75240</b>  <b>Attn: Nick Weeks</b></p> <div style="text-align: center;">   <b>9590 9402 5941 0062 9879 68</b> </div> <p>2. Article Number (Transfer from service label)  <b>7020 0640 0000 0302 9188</b></p>	<p>A. Signature  <b>X</b>  <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span></p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span>  <b>4002C19</b> <span style="float: right;"><b>08/21/20</b></span></p> <p>D. Is delivery address different from item 1? <span style="float: right;"><input type="checkbox"/> Yes</span>          If YES, enter delivery address below: <span style="float: right;"><input type="checkbox"/> No</span></p> <p>3. Service Type <span style="float: right;"> <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input checked="" type="checkbox"/> Certified Mail®  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Restricted Delivery (over \$500)         </span></p> <p style="text-align: right;"> <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery         </p>

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


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:  <b>MRC Explorers Resources LLC</b>  <b>One Lincoln Center</b>  <b>5400 LBJ Freeway, Suite 1500</b>  <b>Dallas, TX 75240</b>  <b>Attn: Nick Weeks</b></p> <div style="text-align: center;">   <b>9590 9402 5941 0062 9879 75</b> </div> <p>2. Article Number (Transfer from service label)  <b>7020 0640 0000 0302 9195</b></p>	<p>A. Signature  <b>X</b>  <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span></p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span>  <b>4002C19</b> <span style="float: right;"><b>08/21/20</b></span></p> <p>D. Is delivery address different from item 1? <span style="float: right;"><input type="checkbox"/> Yes</span>          If YES, enter delivery address below: <span style="float: right;"><input type="checkbox"/> No</span></p> <p>3. Service Type <span style="float: right;"> <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input checked="" type="checkbox"/> Certified Mail®  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Restricted Delivery (over \$500)         </span></p> <p style="text-align: right;"> <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery         </p>

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



7020 0640 0000 0302 9218

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
OFFICIAL USE	
Certified Mail Fee \$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To	Arnold Frank Brock
Street and Apt. No., or PO Box No.	2011 Le Avenue
City, State, ZIP+4®	Albuquerque, NM 87105
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY														
<ul style="list-style-type: none"> <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>	<p>A. Signature   <input type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)          Kathy Beauregard</p> <p>C. Date of Delivery          _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input type="checkbox"/> No</p>														
<p>1. Article Addressed to:          Chase Oil Corporation          P.O. Box 1767          Artesia, NM 88211</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Restricted Delivery</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Restricted Delivery	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®														
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™														
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery														
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise														
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™														
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery														
<input type="checkbox"/> Restricted Delivery															
<p>2. Article Number (Transfer from service label)          7020 0640 0000 0302 9225</p>															

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

Domestic Return Receipt

7020 0640 0000 0302 9201

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
OFFICIAL USE	
Certified Mail Fee \$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To	Christine Brock
Street and Apt. No., or PO Box	PO Box 51
City, State, ZIP+4®	Montague, TX 76251
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	



7020 0640 0000 0302 9114

**U.S. Postal Service™**  
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*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee  
 \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$ \_\_\_\_\_  
☐ Return Receipt (electronic) \$ \_\_\_\_\_  
☐ Certified Mail Restricted Delivery \$ \_\_\_\_\_  
☐ Adult Signature Required \$ \_\_\_\_\_  
☐ Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage  
 \$ \_\_\_\_\_

Total Postage and Fees  
 \$ \_\_\_\_\_

Sent To Colkelan Corporation  
 PO Box 25663  
 Street and Apt. No., or PO Box Albuquerque, NM 87125  
 City, State, ZIP+4® \_\_\_\_\_

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0640 0000 0302 9126

**U.S. Postal Service™**  
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*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee  
 \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$ \_\_\_\_\_  
☐ Return Receipt (electronic) \$ \_\_\_\_\_  
☐ Certified Mail Restricted Delivery \$ \_\_\_\_\_  
☐ Adult Signature Required \$ \_\_\_\_\_  
☐ Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage  
 \$ \_\_\_\_\_

Total Postage and Fees  
 \$ \_\_\_\_\_

Sent To David B. Pearcy  
 601 Moore  
 Street and Apt. No., or PO Box Roswell, NM 88201  
 City, State, ZIP+4® \_\_\_\_\_

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0640 0000 0302 9133

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee  
 \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$ \_\_\_\_\_  
☐ Return Receipt (electronic) \$ \_\_\_\_\_  
☐ Certified Mail Restricted Delivery \$ \_\_\_\_\_  
☐ Adult Signature Required \$ \_\_\_\_\_  
☐ Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage  
 \$ \_\_\_\_\_

Total Postage and Fees  
 \$ \_\_\_\_\_

Sent To Delbert Ray Utter  
 206 Beech Street  
 Street and Apt. No., or PO Box Bernice, OK 74331  
 City, State, ZIP+4® \_\_\_\_\_

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <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>		<p>A. Signature X <u>COV 19</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>1. Article Addressed to:</p> <p>Evelyn B. Harris 11206 Northgate Circle Dallas, TX 75230</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™  <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>2. Article Number (Transfer from service label)</p> <p>7020 0640 0000 0302 9157</p>		<p>PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <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>		<p>A. Signature X <u>R. Preston Miles</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>1. Article Addressed to:</p> <p>Federal Abstract Company P.O. Box 2288 Santa Fe, NM 87504</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™  <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>2. Article Number (Transfer from service label)</p> <p>7020 0640 0000 0302 9294</p>		<p>PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Certified Mail Fee	\$ _____
Extra Services & Fees (check box, add fee as appropriate)	\$ _____
<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____
Postage	\$ _____
Total Postage and Fees	\$ _____
Sent To	Irene G. Brock
Street and Apt. No., or PO Box No.	1149 East Liveoak
City, State, ZIP+4®	Altus, OK 73521
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	



7020 0640 0000 0302 9072

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee	\$	
Extra Services & Fees (check box and add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	
Sent To	Rosemary T. Avery	
Street and Apt. No., or PO Box No.	2305 Palomar Drive	
City, State, ZIP+4®	Roswell, NM 88201	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

**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 5941 0062 9880 57

2. Article Number (Transfer from service label)

7020 0640 0000 0302 9102

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
☒ Cynthia Landman ☐ Agent ☐ Addressee

B. Received by (Printed Name) Cynthia Landman C. Date of Delivery 8-21-20

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

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

Restricted Delivery



# Affidavit of Publication


STATE OF NEW MEXICO  
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

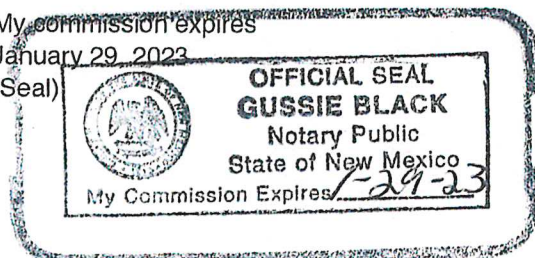
Beginning with the issue dated  
August 23, 2020  
and ending with the issue dated  
August 23, 2020.

  
Publisher

Sworn and subscribed to before me this  
23rd day of August 2020.

  
Business Manager

My commission expires  
January 29, 2023  
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL	LEGAL
<b>LEGAL NOTICE</b> August 23, 2020	
<p>This is to notify all interested parties, including MRC Delaware Resources LLC, MRC Explorers Resources LLC, MRC Spiral Resources LLC, Yates Energy Corporation, Nadel and Gussman Capitan, LLC, Chase Oil Corporation, Christine Brock, Irene G. Brock, Evelyn B. Harris, Colkelan Corp., Rebecca Jane Kelly Babbit, Delbert Ray Utter, Arnold Frank Brock, Majorie Nell Clark, Rosemary T. Avery, David B. Pearcy, Federal Abstract Company, and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Mewbourne Oil Company (Case No. 21390). During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on September 10, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <a href="http://www.emnrd.state.nm.us/OCD/hearings.html">http://www.emnrd.state.nm.us/OCD/hearings.html</a>. Applicant seeks order pooling all uncommitted mineral interests in the Bone Spring formation in a 323.8-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Sections 3 and 4, Township 18 South, Range 32 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the Eastwatch 4/3 B2DA Fed Com #1H well, which will be horizontally drilled from a surface location in Unit E in Section 4 to a bottom hole location in Unit A in Section 3. The completed interval for the well will be orthodox. Also to be considered will be the costs of drilling and completing the well and the allocation of the costs, the designation of Mewbourne Oil Company as the operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well is located approximately 5.5 miles southwest of Maljamar, New Mexico.</p> <p>#35752</p>	

02107475

00245633

HINKLE, HENSLEY, SHANOR & MARTIN, LLP  
PO BOX 2068  
SANTA FE, NM 87504

Case No. 21390

**MEWBOURNE OIL**  
**Exhibit A-10**



# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: <b>EASTWATCH 4/3 B2DA FED COM #1H</b>		Prospect: <b>2ND BSS</b>	
Location: <b>SHL: 2140 FNL &amp; 300 FWL (4); BHL: 660 FNL &amp; 100 FEL (3)</b>		County: <b>Lea</b>	ST: <b>NM</b>
Sec. <b>4</b>	Blk: <b></b>	Survey: <b></b>	TWP: <b>18S</b> RNG: <b>32E</b> Prop. TVD: <b>8350</b> TMD: <b>17330</b>

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$10,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$100,000	0180-0205	\$25,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling 28 days drlg / 3 days comp @ \$21500/d		0180-0110	\$643,000	0180-0210	\$68,900
Fuel 1700 gal/day @ 2.74/gal		0180-0114	\$159,300	0180-0214	\$383,000
Mud, Chemical & Additives		0180-0120	\$200,000	0180-0220	
Horizontal Drillout Services				0180-0222	\$250,000
Cementing		0180-0125	\$100,000	0180-0225	\$30,000
Logging & Wireline Services		0180-0130	\$2,500	0180-0230	\$370,000
Casing / Tubing / Snubbing Service		0180-0134	\$20,000	0180-0234	\$90,000
Mud Logging		0180-0137	\$30,000		
Stimulation 50 Slg 20 MM gal / 20 MM lb				0180-0241	\$1,715,000
Stimulation Rentals & Other				0180-0242	\$200,000
Water & Other		0180-0145	\$80,000	0180-0245	\$550,000
Bits		0180-0148	\$138,800	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	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$20,000
Welding Services		0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$45,000	0180-0270	\$70,500
Directional Services Includes Vertical Control		0180-0175	\$325,000		
Equipment Rental		0180-0180	\$229,100	0180-0280	\$30,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$800	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$10,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
ROW & Easements		0180-0192		0180-0292	\$5,000
Pipeline Interconnect				0180-0293	\$50,000
Company Supervision		0180-0195	\$144,000	0180-0295	\$100,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies 2% (TCP) 2% (CC)		0180-0199	\$53,600	0180-0299	\$82,100
<b>TOTAL</b>			<b>\$2,734,100</b>		<b>\$4,188,800</b>


TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0") 1050' - 13 3/8" 54.5# J-55 ST&C @ \$38.48/ft		0181-0794	\$43,200		
Casing (8.1" - 10.0") 2600' - 9 5/8" 36# HCL80 LT&C @ \$24.67/ft		0181-0795	\$68,600		
Casing (6.1" - 8.0") 8650' - 7" 29# HCP-110 LT&C @ \$23.84/ft		0181-0796	\$220,300		
Casing (4.1" - 6.0") 10350' - 4 1/2" 13.5# P-110 BPN @ \$12.16/ft				0181-0797	\$134,500
Tubing 7775' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.38/ft				0181-0798	\$44,700
Drilling Head		0181-0860	\$40,000		
Tubing Head & Upper Section				0181-0870	\$50,000
Horizontal Completion Tools Completion Liner Hanger				0181-0871	\$70,000
Sucker Rods				0181-0875	
Subsurface Equipment				0181-0880	\$10,000
Artificial Lift Systems Gas Lift Valves & Packer				0181-0884	\$15,000
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers VRU/SWD Pump/Circ Pump				0181-0886	\$30,000
Tanks - Oil 3 - 750 bbl				0181-0890	\$75,000
Tanks - Water (1/2) 5 - 750 bbl coated				0181-0891	\$57,000
Separation / Treating Equipment 1/2 GB/30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/1/2VRT/Flare				0181-0895	\$95,000
Heater Treaters, Line Heaters 8'x20"x75# HT				0181-0897	\$27,000
Metering Equipment				0181-0898	\$15,000
Line Pipe & Valves - Gathering				0181-0900	\$50,000
Fittings / Valves & Accessories				0181-0906	\$100,000
Cathodic Protection				0181-0908	\$125,000
Electrical Installation				0181-0909	\$50,000
Equipment Installation				0181-0910	\$70,000
Pipeline Construction				0181-0920	\$100,000
<b>TOTAL</b>			<b>\$372,100</b>		<b>\$1,118,200</b>
<b>SUBTOTAL</b>			<b>\$3,106,200</b>		<b>\$5,307,000</b>
<b>TOTAL WELL COST</b>		<b>\$8,413,200</b>			

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: <b>T. Cude</b>	Date: <b>11/8/2019</b>
Company Approval: 	Date: <b>11/8/2019</b>
Joint Owner Interest: <b>6.29388000%</b> Amount: <b>\$529,516.71</b>	Signature: <b></b>
Joint Owner Name: <b>Federal Abstract Company</b>	

Case No. 21390

**MEWBOURNE OIL**  
**Exhibit A-11**



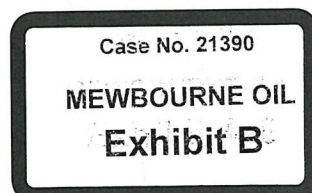
**STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES  
OIL CONSERVATION DIVISION**

**APPLICATION OF MEWBOURNE OIL  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 21390**

**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. I have previously testified before the New Mexico Oil Conservation Division as an expert in geology, and my qualifications were accepted.
4. A general location map of the proposed horizontal spacing unit ("HSU") is attached as Exhibit B-1.
5. A structure map of the base of the Middle 2<sup>nd</sup> Bone Spring Sand formation is attached as Exhibit B-2. The map shows that the structure dips to the south. It also shows a line of cross section and the HSU for the proposed Eastwatch 4/3 B2DA Fed Com #1H well.
6. Attached as Exhibit B-3 is a gross sand isopach map of the Middle 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 an approximate thickness of 50-100 feet.





7. Attached as Exhibit B-4 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.

8. Attached as Exhibit B-5 is a table containing production data from other 2<sup>nd</sup> Bone Spring Sand horizontal wells drilled in the vicinity. The completed wells in the area (recent completions) apparently are commercial.

9. Exhibit B-6 is a Well Planning Report for the proposed well. The report contains survey data for the proposed well bore. The well's producing interval will be orthodox.

10. There are no depth severances in the Bone Spring formation in the proposed HSU.

11. Based on the information discussed above, I am able to conclude that:

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

12. In my opinion, the granting of Mewbourne's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

13. Exhibits B-1 through B-6 were either prepared by me or compiled from company records.

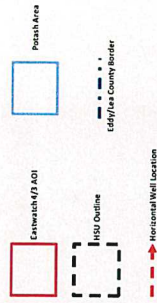
14. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 13 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

CS  
Charles Crosby

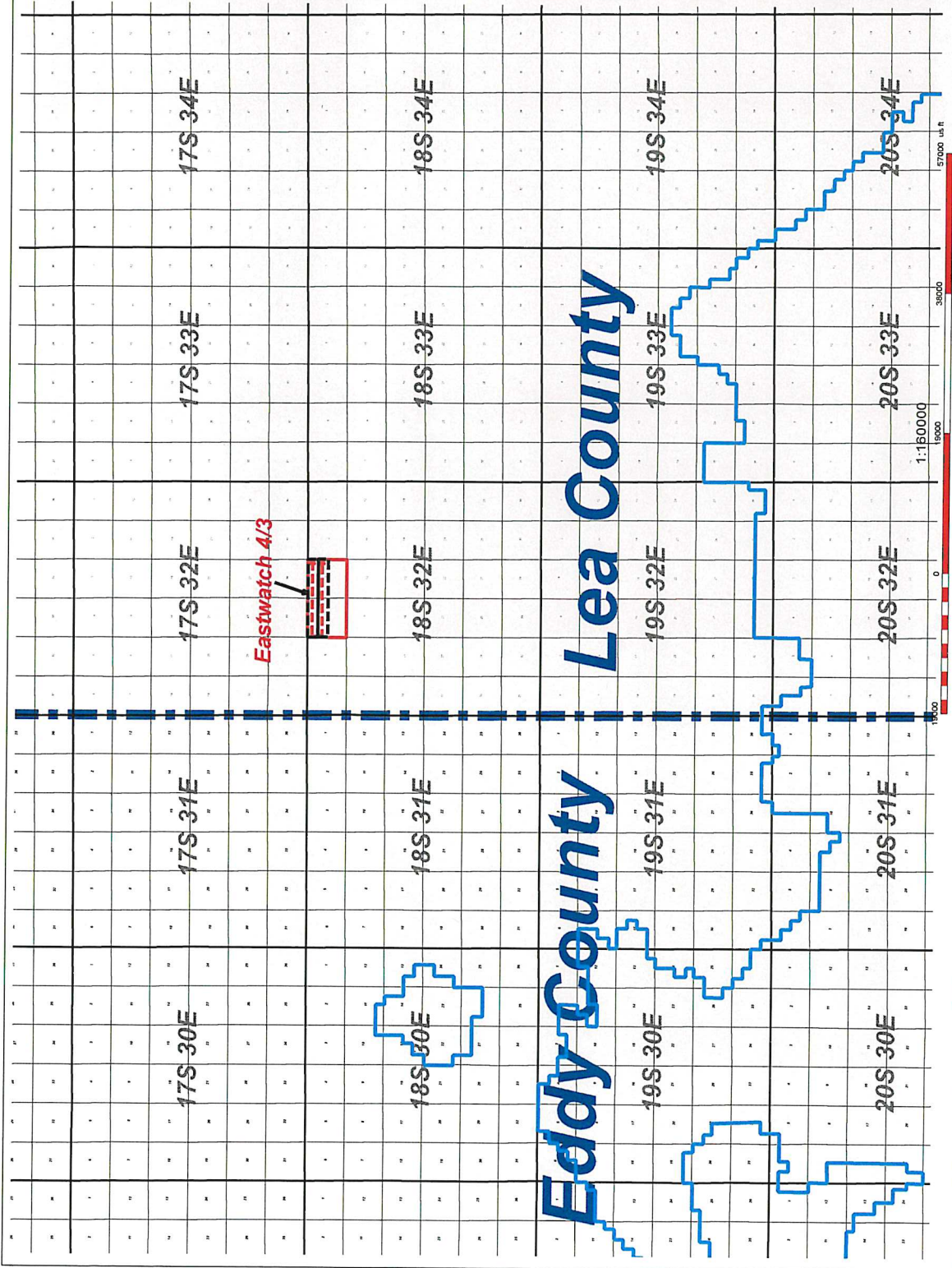
9/2/20  
Date



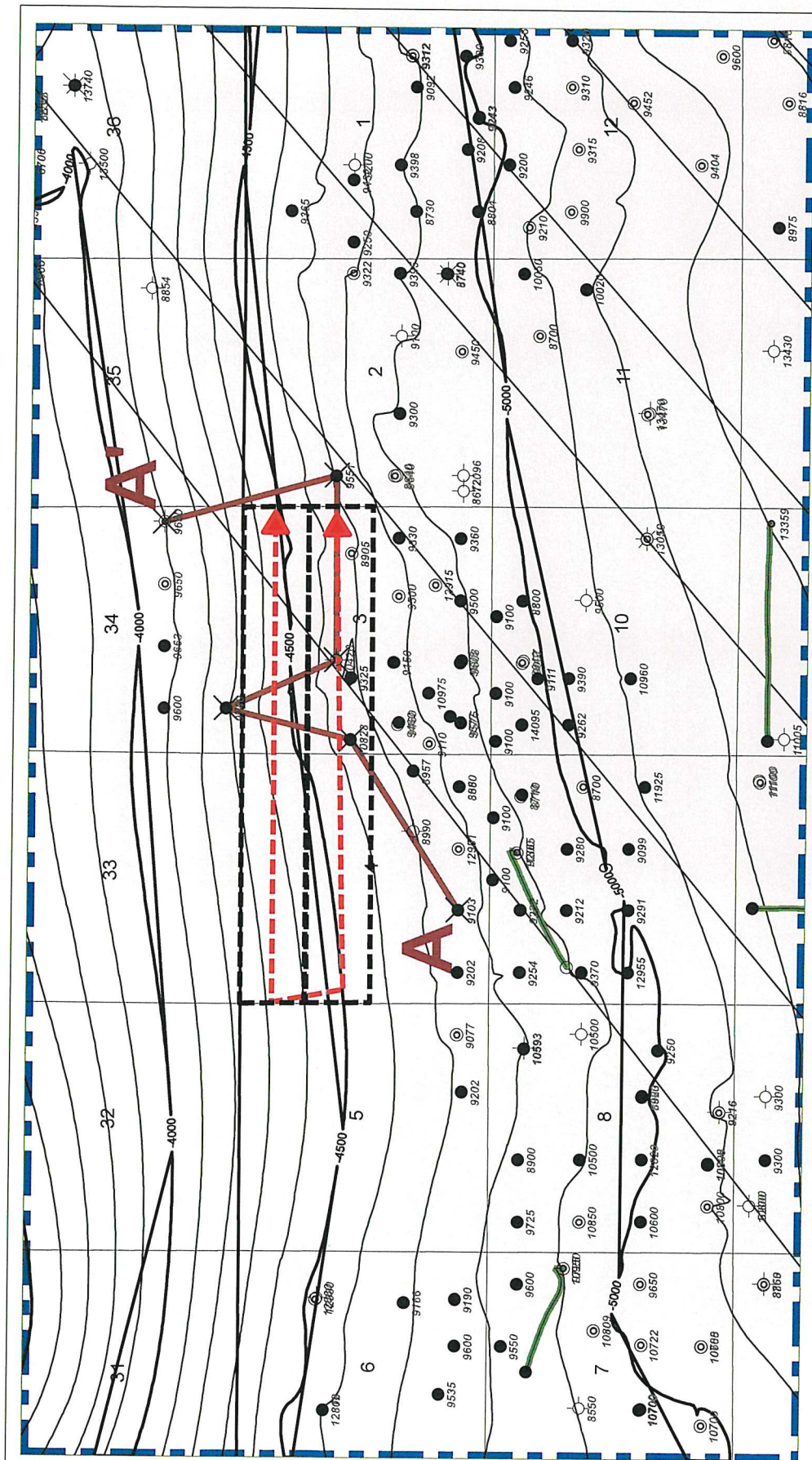
Case No. 21390  
**MEWBOURNE OIL**  
**Exhibit B-1**



Mewbourne Oil Company	
Regional Locator Map	
Eastwatch-4/3 AOI	
9-2-20	Eddy and Lea County
See Map	Unit C (Units)







<b>Mewbourne Oil Company</b> Eastwatch 4/3 B2DA Fed Com 1H Eastwatch 4/3 B2EH Fed Com 1H Horizontal Activity Map Structure Base 2nd BSPG B Sand (C.I. 100')		
9/2/20	Eddy County	New Mexico
		Geol. C. Crosby

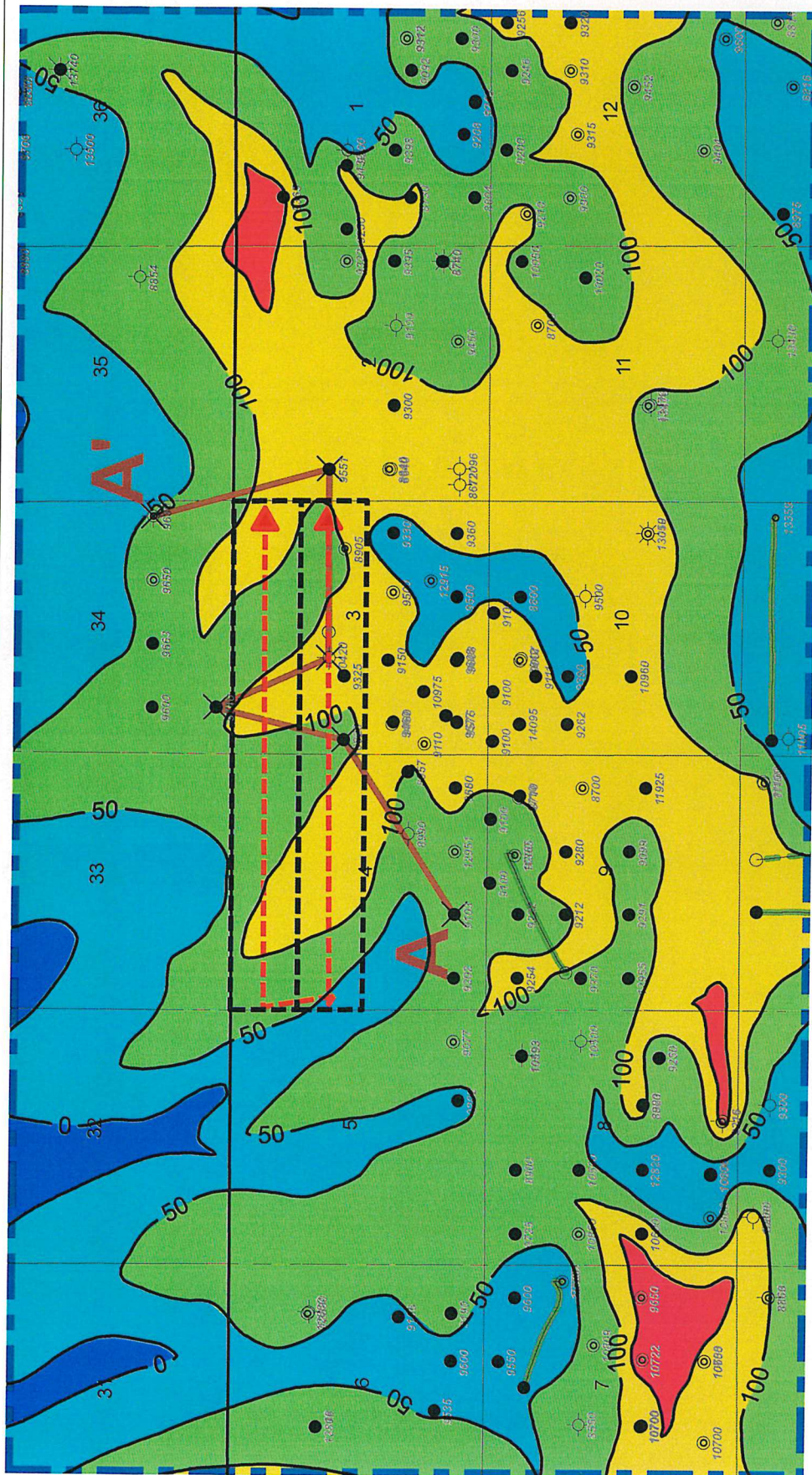


Horizontal Activity Color Code

2nd BSPG 5d

Case No. 21390  
**MEWBOURNE OIL**  
**Exhibit B-2**





# Horizontal Activity Color Code

2nd BSPG Sd

TD

1:38000

2500 0 2500 5000 7500 usft

Middle 2nd BSPG SD Gross Thickness (C.I. 50')

Color Filled Contour

Entity

0 75 112 150

## Mewbourne Oil Company

Eastwatch 4/3 B2DA Fed Com 1H

Eastwatch 4/3 B2EH Fed Com 1H

Horizontal Activity Map

Middle 2nd BSPG SD Gross Thickness (C.I. 50')

New Mexico

Geol. C. Crosby

Case No. 21390

MEWBOURNE OIL  
Exhibit B-3



A  
W

A'  
E

WATSON  
YBARD-DESPAR-ET-FEDERAL-3  
1001 BAYVIEW CT  
TYPE 13 S-Range 32 E-1-Sec 4

WATSON  
LEAHY-LOVE-FEDERAL-1  
1001 BAYVIEW CT  
TYPE 13 S-Range 32 E-1-Sec 3

WATSON  
SPUR-DESPAR-ET-FEDERAL-1  
1001 BAYVIEW CT  
TYPE 13 S-Range 32 E-1-Sec 34

WATSON  
WATSON-DESPAR-ET-FEDERAL-1  
1001 BAYVIEW CT  
TYPE 13 S-Range 32 E-1-Sec 3

WATSON  
WATSON-DESPAR-ET-FEDERAL-1  
1001 BAYVIEW CT  
TYPE 13 S-Range 32 E-1-Sec 10

WATSON  
SPUR-DESPAR-ET-FEDERAL-1  
1001 BAYVIEW CT  
TYPE 13 S-Range 32 E-1-Sec 34

4N

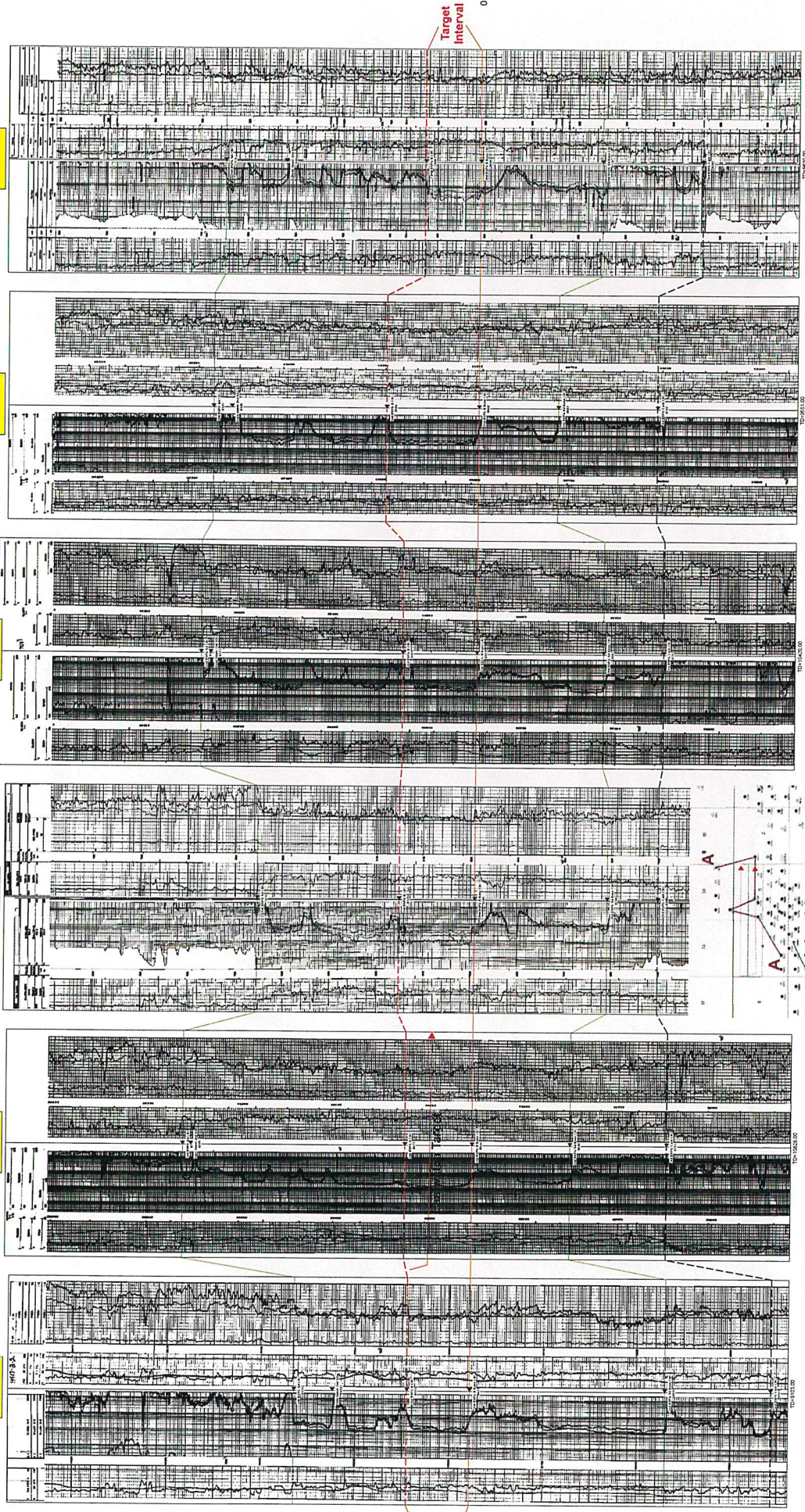
3E

34M

3F

2E

34I



Top 2nd  
BSPG SD

Base 2nd  
BSPG SD

3rd  
BSPG  
Carb

Eastwatch 2nd BSPG SD  
XSec Exhibit (A-A')

Case No. 21390  
MEWBOURNE OIL  
Exhibit B-4



**Eastwatch Area 2nd BSPG SD Horizontal Production Table**

Well Name	Operator	API	Location	Completion Date	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	NS/EW	Production Zone
Young Deep Unit 14H (ABD)	Nadel and Gussman	30025290150100	9B/18S/32E	12/2/2005	12.8	0.06	5.3	EW	Lower 2nd BSPG SD
Bola 7 Federal Com 3H	Matador	300253535350100	7H/18S/32E	9/12/2006	106.9	0.12	18.6	EW	Lower 2nd BSPG SD
West Shinnery 15 Federal 2H	Devon	30025399560000	15A/18S/32E	3/2/2012	78.4	0.14	234.2	EW	Lower 2nd BSPG SD
Young 16 NC State Com 1H	Mewbourne	30025413760000	16N/18S/32E	11/21/2013	59.2	0.06	218.1	NS	Lower 2nd BSPG SD

Case No. 21390

**MEWBOURNE OIL  
Exhibit B-5**

# Mewbourne Oil Company

## SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company

Lease Name: Eastwatch 4/3 B21DA Fed Com 1H

KOP 7702.54

SL: 2140 FNL & 300 FSL Sec 4/18S/32E

PBHL: 660 FNL & 100 FEL Sec 3/18S/32E

Target KBTVD: 8,180 Feet 8180.00

Target Angle: 89.07 Degrees 89.07

Section Plane: 81.76 Degrees

Declination Corrected to True North: 6.63 Degrees

Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target	DRIFT (RADIANS)	AZIMUTH (RADIANS)
T/I	7702.54	0.00	81.76	N/A	7702.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7702.5	477.5	1E-12	1.43 #VALUE!
1	7776.76	8.91	81.76	74.2283	7776.5	5.8	0.8	5.7	5.8	81.8	12.0	12.0	7776.4	403.6	0.155463315	1.43 0.1554633
2	7850.99	17.81	81.76	74.2283	7848.6	22.9	3.3	22.7	22.9	81.8	12.0	12.0	7848.2	331.8	0.310926629	1.43 0.1554633
3	7925.22	26.72	81.76	74.2283	7917.2	51.0	7.3	50.5	51.0	81.8	12.0	12.0	7916.4	263.6	0.466389944	1.43 0.1554633
4	7999.45	35.63	81.76	74.2283	7980.7	89.4	12.8	88.5	89.4	81.8	12.0	12.0	7979.2	200.8	0.621853258	1.43 0.1554633
5	8073.68	44.54	81.76	74.2283	8037.4	137.1	19.7	135.7	137.1	81.8	12.0	12.0	8035.2	144.8	0.777316573	1.43 0.1554633
6	8147.90	53.44	81.76	74.2283	8086.1	193.1	27.7	191.1	193.1	81.8	12.0	12.0	8083.0	97.0	0.932779888	1.43 0.1554633
7	8222.13	62.35	81.76	74.2283	8125.5	255.9	36.7	253.3	255.9	81.8	12.0	12.0	8121.3	58.7	1.088243202	1.43 0.1554633
8	8296.36	71.26	81.76	74.2283	8154.7	324.1	46.4	320.7	324.1	81.8	12.0	12.0	8149.4	30.6	1.243706517	1.43 0.1554633
9	8370.59	80.17	81.76	74.2283	8173.0	395.9	56.7	391.8	395.9	81.8	12.0	12.0	8166.6	13.4	1.399169831	1.43 0.1554633
10	8444.82	89.07	81.76	74.2283	8179.9	469.7	67.3	464.9	469.7	81.8	12.0	12.0	8172.3	7.7	1.554633146	1.43 0.1554633
11	8500.00	89.07	81.76	55.1822	8180.8	524.9	75.2	519.5	524.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
12	8600.00	89.07	81.76	100	8182.4	624.9	89.6	618.5	624.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
13	8700.00	89.07	81.76	100	8184.1	724.9	103.9	717.4	724.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
14	8800.00	89.07	81.76	100	8185.7	824.9	118.2	816.4	824.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
15	8900.00	89.07	81.76	100	8187.3	924.9	132.5	915.3	924.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
16	9000.00	89.07	81.76	100	8188.9	1024.9	146.9	1014.3	1024.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
17	9100.00	89.07	81.76	100	8190.5	1124.8	161.2	1113.2	1124.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
18	9200.00	89.07	81.76	100	8192.1	1224.8	175.5	1212.2	1224.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
19	9300.00	89.07	81.76	100	8193.8	1324.8	189.9	1311.1	1324.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
20	9400.00	89.07	81.76	100	8195.4	1424.8	204.2	1410.1	1424.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
21	9500.00	89.07	81.76	100	8197.0	1524.8	218.5	1509.1	1524.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
22	9600.00	89.07	81.76	100	8198.6	1624.8	232.8	1608.0	1624.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
23	9700.00	89.07	81.76	100	8200.2	1724.8	247.2	1707.0	1724.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
24	9800.00	89.07	81.76	100	8201.8	1824.8	261.5	1805.9	1824.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
25	9900.00	89.07	81.76	100	8203.5	1924.7	275.8	1904.9	1924.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
26	10000.00	89.07	81.76	100	8205.1	2024.7	290.2	2003.8	2024.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
27	10100.00	89.07	81.76	100	8206.7	2124.7	304.5	2102.8	2124.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
28	10200.00	89.07	81.76	100	8208.3	2224.7	318.8	2201.7	2224.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
29	10300.00	89.07	81.76	100	8209.9	2324.7	333.1	2300.7	2324.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
30	10400.00	89.07	81.76	100	8211.5	2424.7	347.5	2399.6	2424.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
31	10500.00	89.07	81.76	100	8213.2	2524.7	361.8	2498.6	2524.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
32	10600.00	89.07	81.76	100	8214.8	2624.6	376.1	2597.6	2624.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
33	10700.00	89.07	81.76	100	8216.4	2724.6	390.5	2696.5	2724.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
34	10800.00	89.07	81.76	100	8218.0	2824.6	404.8	2795.5	2824.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
35	10900.00	89.07	81.76	100	8219.6	2924.6	419.1	2894.4	2924.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
36	11000.00	89.07	81.76	100	8221.2	3024.6	433.4	2993.4	3024.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
37	11100.00	89.07	81.76	100	8222.9	3124.6	447.8	3092.3	3124.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
38	11200.00	89.07	81.76	100	8224.5	3224.6	462.1	3191.3	3224.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
39	11300.00	89.07	81.76	100	8226.1	3324.6	476.4	3290.2	3324.6	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
40	11400.00	89.07	81.76	100	8227.7	3424.5	490.8	3389.2	3424.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
41	11500.00	89.07	81.76	100	8229.3	3524.5	505.1	3488.2	3524.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
42	11600.00	89.07	81.76	100	8230.9	3624.5	519.4	3587.1	3624.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
43	11700.00	89.07	81.76	100	8232.5	3724.5	533.7	3686.1	3724.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
44	11800.00	89.07	81.76	100	8234.2	3824.5	548.1	3785.0	3824.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
45	11900.00	89.07	81.76	100	8235.8	3924.5	562.4	3884.0	3924.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
46	12000.00	89.07	81.76	100	8237.4	4024.5	576.7	3982.9	4024.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
47	12100.00	89.07	81.76	100	8239.0	4124.5	591.1	4081.9	4124.5	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
48	12200.00	89.07	81.76	100	8240.6	4224.4	605.4	4180.8	4224.4	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
49	12300.00	89.07	81.76	100	8242.2	4324.4	619.7	4279.8	4324.4	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
50	12400.00	89.07	81.76	100	8243.9	4424.4	634.0	4378.7	4424.4	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
51	12500.00	89.07	81.76	100	8245.5	4524.4	648.4	4477.7	4524.4	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
52	12600.00	89.07	81.76	100	8247.1	4624.4	662.7	4576.7	4624.4	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
53	12700.00	89.07	81.76	100	8248.7	4724.4	677.0	4675.6	4724.4	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
54	12800.00	89.07	81.76	100	8250.3	4824.4	691.4	4774.6	4824.4	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
55	12900.00	89.07	81.76	100	8251.9	4924.3	705.7	4873.5	4924.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10
56	13000.00	89.07	81.76	100	8253.6	5024.3	720.0	4972.5	5024.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43 1E-10

Case No. 21390

MEWBOURNE OIL  
Exhibit B-6



57	13100.00	89.07	81.76	100	8255.2	5124.3	734.4	5071.4	5124.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
58	13200.00	89.07	81.76	100	8256.8	5224.3	748.7	5170.4	5224.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
59	13300.00	89.07	81.76	100	8258.4	5324.3	763.0	5269.3	5324.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
60	13400.00	89.07	81.76	100	8260.0	5424.3	777.3	5368.3	5424.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
61	13500.00	89.07	81.76	100	8261.6	5524.3	791.7	5467.2	5524.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
62	13600.00	89.07	81.76	100	8263.3	5624.3	806.0	5566.2	5624.3	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
63	13700.00	89.07	81.76	100	8264.9	5724.2	820.3	5665.2	5724.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
64	13800.00	89.07	81.76	100	8266.5	5824.2	834.7	5764.1	5824.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
65	13900.00	89.07	81.76	100	8268.1	5924.2	849.0	5863.1	5924.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
66	14000.00	89.07	81.76	100	8269.7	6024.2	863.3	5962.0	6024.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
67	14100.00	89.07	81.76	100	8271.3	6124.2	877.6	6061.0	6124.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
68	14200.00	89.07	81.76	100	8273.0	6224.2	892.0	6159.9	6224.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
69	14300.00	89.07	81.76	100	8274.6	6324.2	906.3	6258.9	6324.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
70	14400.00	89.07	81.76	100	8276.2	6424.2	920.6	6357.8	6424.2	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
71	14500.00	89.07	81.76	100	8277.8	6524.1	935.0	6456.8	6524.1	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
72	14600.00	89.07	81.76	100	8279.4	6624.1	949.3	6555.8	6624.1	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
73	14700.00	89.07	81.76	100	8281.0	6724.1	963.6	6654.7	6724.1	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
74	14800.00	89.07	81.76	100	8282.7	6824.1	977.9	6753.7	6824.1	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
75	14900.00	89.07	81.76	100	8284.3	6924.1	992.3	6852.6	6924.1	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
76	15000.00	89.07	81.76	100	8285.9	7024.1	1006.6	6951.6	7024.1	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
77	15100.00	89.07	81.76	100	8287.5	7124.1	1020.9	7050.5	7124.1	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
78	15200.00	89.07	81.76	100	8289.1	7224.0	1035.3	7149.5	7224.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
79	15300.00	89.07	81.76	100	8290.7	7324.0	1049.6	7248.4	7324.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
80	15400.00	89.07	81.76	100	8292.4	7424.0	1063.9	7347.4	7424.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
81	15500.00	89.07	81.76	100	8294.0	7524.0	1078.2	7446.3	7524.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
82	15600.00	89.07	81.76	100	8295.6	7624.0	1092.6	7545.3	7624.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
83	15700.00	89.07	81.76	100	8297.2	7724.0	1106.9	7644.3	7724.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
84	15800.00	89.07	81.76	100	8298.8	7824.0	1121.2	7743.2	7824.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
85	15900.00	89.07	81.76	100	8300.4	7924.0	1135.6	7842.2	7924.0	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
86	16000.00	89.07	81.76	100	8302.0	8023.9	1149.9	7941.1	8023.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
87	16100.00	89.07	81.76	100	8303.7	8123.9	1164.2	8040.1	8123.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
88	16200.00	89.07	81.76	100	8305.3	8223.9	1178.5	8139.0	8223.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
89	16300.00	89.07	81.76	100	8306.9	8323.9	1192.9	8238.0	8323.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
90	16400.00	89.07	81.76	100	8308.5	8423.9	1207.2	8336.9	8423.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
91	16500.00	89.07	81.76	100	8310.1	8523.9	1221.5	8435.9	8523.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
92	16600.00	89.07	81.76	100	8311.7	8623.9	1235.9	8534.9	8623.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
93	16700.00	89.07	81.76	100	8313.4	8723.9	1250.2	8633.8	8723.9	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
94	16800.00	89.07	81.76	100	8315.0	8823.8	1264.5	8732.8	8823.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
95	16900.00	89.07	81.76	100	8316.6	8923.8	1278.8	8831.7	8923.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
96	17000.00	89.07	81.76	100	8318.2	9023.8	1293.2	8930.7	9023.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
97	17100.00	89.07	81.76	100	8319.8	9123.8	1307.5	9029.6	9123.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
98	17200.00	89.07	81.76	100	8321.4	9223.8	1321.8	9128.6	9223.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
99	17300.00	89.07	81.76	100	8323.1	9323.8	1336.2	9227.5	9323.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
100	17400.00	89.07	81.76	100	8324.7	9423.8	1350.5	9326.5	9423.8	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
101	17500.00	89.07	81.76	100	8326.3	9523.7	1364.8	9425.4	9523.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
102	17600.00	89.07	81.76	100	8327.9	9623.7	1379.1	9524.4	9623.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
103	17700.00	89.07	81.76	100	8329.5	9723.7	1393.5	9623.4	9723.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
104	17800.00	89.07	81.76	100	8331.1	9823.7	1407.8	9722.3	9823.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
105	17900.00	89.07	81.76	100	8332.8	9923.7	1422.1	9821.3	9923.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
106	18000.00	89.07	81.76	100	8334.4	10023.7	1436.5	9920.2	10023.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
107	18100.00	89.07	81.76	100	8336.0	10123.7	1450.8	10019.2	10123.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10
108	18200.00	89.07	81.76	100	8337.6	10223.7	1465.1	10118.1	10223.7	81.8	0.0	0.0	8172.3	7.7	1.554633146	1.43	1E-10