

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

**APPLICATIONS OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case Nos. 22676 & 22677

NOTICE OF FILING SUPPLEMENTAL EXHIBITS

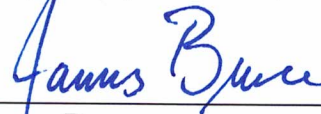
Mewbourne Oil Company submits the following:

Attached as Exhibit 6 are land plats identifying the tracts in the pooled units, and showing the tracts in which the pooled Record Title owner owns an interest.

Attached as Exhibit 7 is a geology affidavit, requested by the Examiners at the hearing, justifying the well units.

Attached as Replacement Exhibit 4 is the original affidavit of publication.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043
jamesbruc@aol.com

Attorney for Mewbourne Oil Company

EXHIBIT

6

Plat of communitized area covering:

N/2N/2 of Section 11 and the N/2NW/4 of Section 12, T19S, R29E, N.M.P.M., Eddy County, New Mexico, containing 240.00 acres, more or less.

Sapphire 11/12 B3DC State Com No. 2H

API# 30-015-46296

SECTION 11

SECTION 12

| <u>Tract No. 1</u> State Lease B-9739 | <u>Tract No. 2</u> State Lease B-7717 |
|--|---|
| <p>SL</p> <p>Mewbourne Oil Company, et al 100% (N/2NE/4 & N/2NW/4)</p> <p>160 Acres</p> <p>N/2N/2</p> <p>Cross Border Resources, Inc. & Chisos, Ltd. – Record Title Owners</p> | <p>Mewbourne Oil Company, et al 100%</p> <p>80 Acres</p> <p>BHL</p> <p>N/2NW/4</p> <p>Cross Border Resources, Inc. & Chisos, Ltd. – Record Title Owners</p> |

EXHIBIT

6

Plat of communitized area covering:

S/2N/2 of Section 11 and the S/2NW/4 of Section 12, T19S, R29E, N.M.P.M., Eddy County, New Mexico, containing 240.00 acres, more or less.

Sapphire 11/12 B3EF State Com No. 2H

API# 30-015-46295

SECTION 11

SECTION 12

| <u>Tract No. 1</u> | <u>Tract No. 2</u> | <u>Tract No. 3</u> |
|---|---|---|
| <p>State Lease B-9739</p> <p>SL Mewbourne Oil Company, et al 100% (S/2NE/4 & S/2NW/4)</p> <p>160 Acres</p> <p>S/2N/2</p> <p>Cross Border Resources, Inc. & Chisos, Ltd. – Record Title Owners</p> | <p>State Lease L-2634</p> <p>COG Operating LLC 100%</p> <p>40 Acres</p> <p>SW/4NW/4</p> | <p>State Lease B-7717</p> <p>Mewbourne Oil Company., et al 100% 40 Acres BHL</p> <p>SE/4NW/4</p> <p>Cross Border Resources, Inc. & Chisos, Ltd. – Record Title Owners</p> |

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

APPLICATIONS OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case Nos. 21676 & 22677

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss.
STATE OF TEXAS)

EXHIBIT

7

Charles Crosby deposes and states:

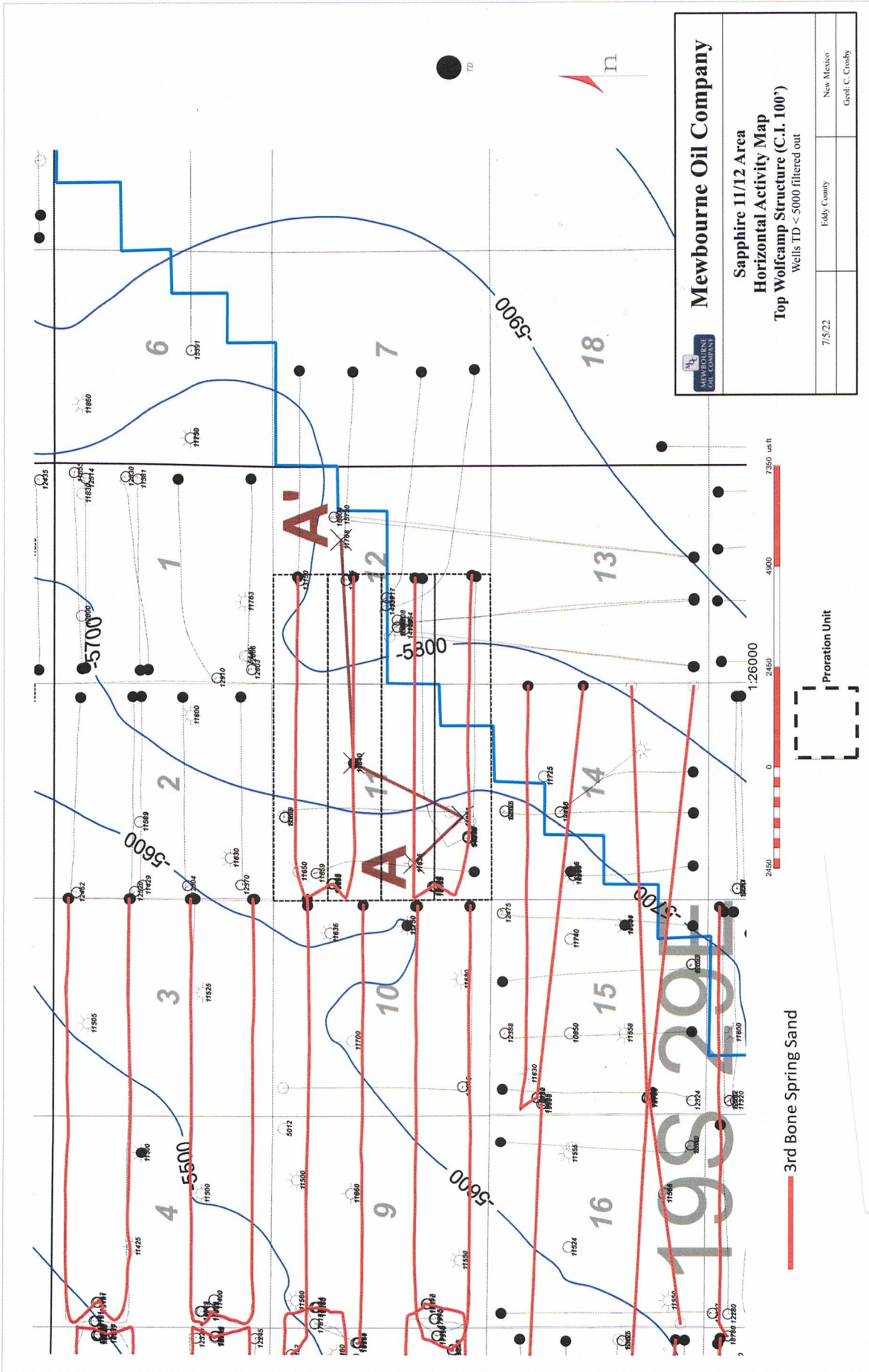
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in these cases. I have been qualified by the Division as an expert petroleum geologist.
3. The following geological plats are attached hereto:
 - (a) Attachment A is a structure map on the top of the Wolfcamp structure (the base of the Third Bone Spring Sand). It shows that structure dips gently to the east-southeast. It also shows Bone Spring wells in the area, and a line of cross-section.
 - (b) Attachment B is a cross section showing the Third Bone Spring Sand, the target zone for the wells. The well logs on the cross-section give a representative sample of the Third Bone Spring Sand in this area. The sand is continuous and uniformly thick across the well unit.
4. I conclude from the maps that:
 - (a) The horizontal spacing unit is justified from a geologic standpoint.
 - (b) The target zone is continuous and of uniform thickness across the well units.
 - (c) Each quarter-quarter section in the well unit will contribute more or less equally to production.
 - (d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells

5. All the wells in the area are laydown Bone Spring wells. Thus, there is a preference for lay down wells.

I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 5 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.

Date: July 6, 2022

Charels Crosby
Charles Crosby



| | |
|---|---------------------------|
| | |
| Sapphire 11/12 Area Horizontal Activity Map Top Wolfcamp Structure (C.I. 100') Wells TD < 5000 filtered out | |
| 7/5/22 | Eddy County New Mexico |
| Geoff C. Crosby | |

ATTACHMENT A

A' E

300151115000
MISSION RESOURCES
CHAPS 12 STATE CO 1
1059 PNL 1800 FEEL
TWP: 18 S - Range: 18 E - Sec: 10

3001522970000
TENNECO OIL CO
DATE 11/12/20
DAMN=3303.00
1800 PNL 1800 FEEL
TWP: 18 S - Range: 18 E - Sec: 10

3001522950000
TENNECO OIL CO
DATE 11/12/20
DAMN=3303.00
1800 PNL 1800 FEEL
TWP: 18 S - Range: 18 E - Sec: 10

3001522600000
TENNECO OIL CO
DATE 11/12/20
DAMN=3303.00
1800 PNL 1800 FEEL
TWP: 18 S - Range: 18 E - Sec: 10

3001522600000
EDGE PETROLEUM OPER
DATE 11/12/20
DAMN=3480.00
1800 PNL 1800 FEEL
TWP: 18 S - Range: 18 E - Sec: 10

3001522600000
EDGE PETROLEUM OPER
DATE 11/12/20
DAMN=3480.00
1800 PNL 1800 FEEL
TWP: 18 S - Range: 18 E - Sec: 10

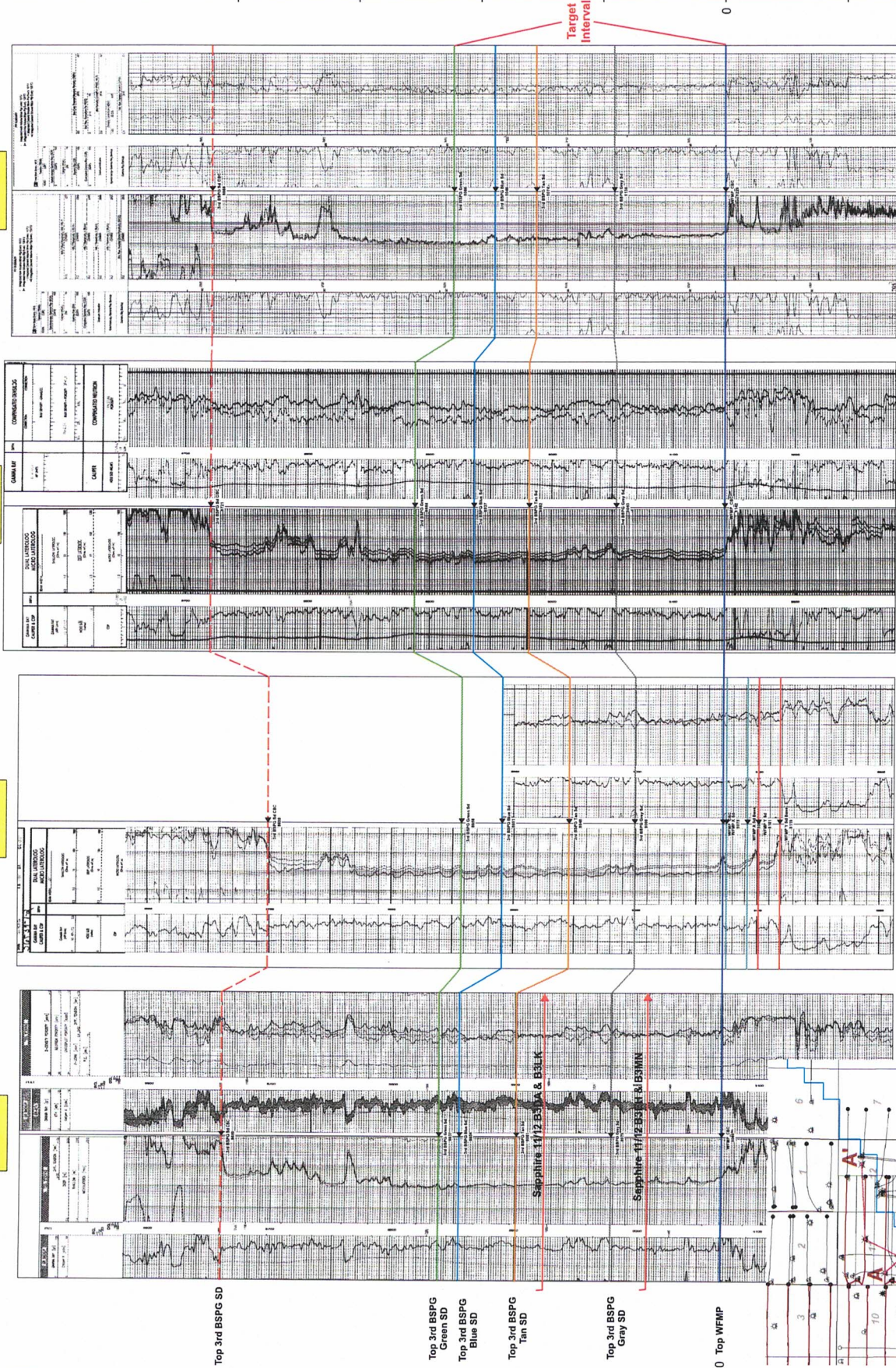
A W

12G

11G

11N

11L



Sapphires 11/12 3rd Bone Spring Sand Cross Section Exhibit (A-A')

ATTACHMENT B

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0005244207

This is not an invoice

JAMES BRUCE ATTORNEY AT LAW

POBOX 1056

SANTA FE, NM 87504

NOTICE

To: Cross border Resources, Inc., or your successors or assigns: Mewbourne Oil Company has filed two application with the New Mexico Oil Conservation Division seeking orders pooling all uncommitted mineral interest (Record Title) owners in the Bone Spring formation in horizontal spacing units comprised of: (a) the N/2N/2 of Section 11 and the N/2NW/4 of Section 12, Township 19 South, Range 29 East, NMPM. The unit will be dedicated to the Sapphire 11/12 B3DC State Com. Well No. 2H (Case 22676); and (b) the S/2N/2 of Section 11 and the S/2NW/4 of Section 12, Township 19 South, Range 29 East, NMPM. The unit will be dedicated to the Sapphire 11/12 B3EF State Com. Well No. 2H (Case 22677). Also to be considered will be the designation of applicant as operator of the wells. This matter is scheduled for hearing at 8:15 a.m. on Thursday, May 19, 2022. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, May 12, 2022. This statement may be filed online with the Division at ocd.hearings@state.nm.us. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, jamesbruce@aol.com. The units are located approximately 10 miles south-southwest of Loco Hills, New Mexico. #5244207, Current Argus, May 6, 2022

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

05/06/2022

Sana Karitz
Legal Clerk

Subscribed and sworn before me this May 6, 2022:

Kathleen Allen

State of WI, County of Brown
NOTARY PUBLIC

1-7-25

My commission expires

Replacement
EXHIBIT *4*

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0005244207
PO #: Sapphire
of Affidavits 1

This is not an invoice