

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

**IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION FOR  
THE PURPOSE OF CONSIDERING:**

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

**Case No. 16390**

**VERIFIED STATEMENT OF MITCHELL ROBB**

Mitchell Robb, being duly sworn upon his oath, deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.

2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the compulsory pooling application filed herein:

(a) The purpose of this application is to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.

(b) No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have simply refused to voluntarily commit their interests to the well.

(c) A plat outlining the unit being pooled is attached hereto as Attachment A. Mewbourne seeks an order approving a 160-acre horizontal spacing unit in the Bone Spring formation comprised of the W/2E/2 of Section 10, Township 23 South, Range 34 East, NMPM. Mewbourne further seeks the pooling of all mineral interests in the Bone Spring formation underlying the unit. The unit will be dedicated to the Ibex 10 B3OB Fed Com. Well No. 1H, a horizontal well with a surface location in Unit B of Section 15, Township 23 South, Range 34 East, NMPM and a final take point in Unit B of Section 10.

(d) The parties being pooled and their interests are set forth in Attachment B. Their current and correct addresses are also set forth.

(e) Attachment C contains a summary of contacts with the interest owners, together with copies of the proposal letters sent to them.

EXHIBIT |

- (f) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
- (g) Mewbourne has the right to pool the overriding royalty owners in the well unit.
- (h) Attachment D is the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depth and length drilled in this area Lea County.
- (i) Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Lea County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (j) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (k) Applicant requests that it be designated operator of the well.
- (l) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.
- (m) The granting of this application is in the interests of conservation and the prevention of waste.



VERIFICATION

STATE OF TEXAS                    )  
  ) ss.  
COUNTY OF MIDLAND            )

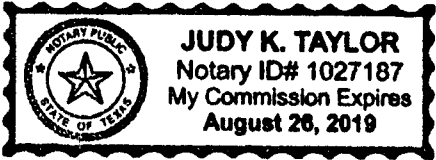
Mitchell Robb, being duly sworn upon his oath, deposes and states that: He is a landman for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

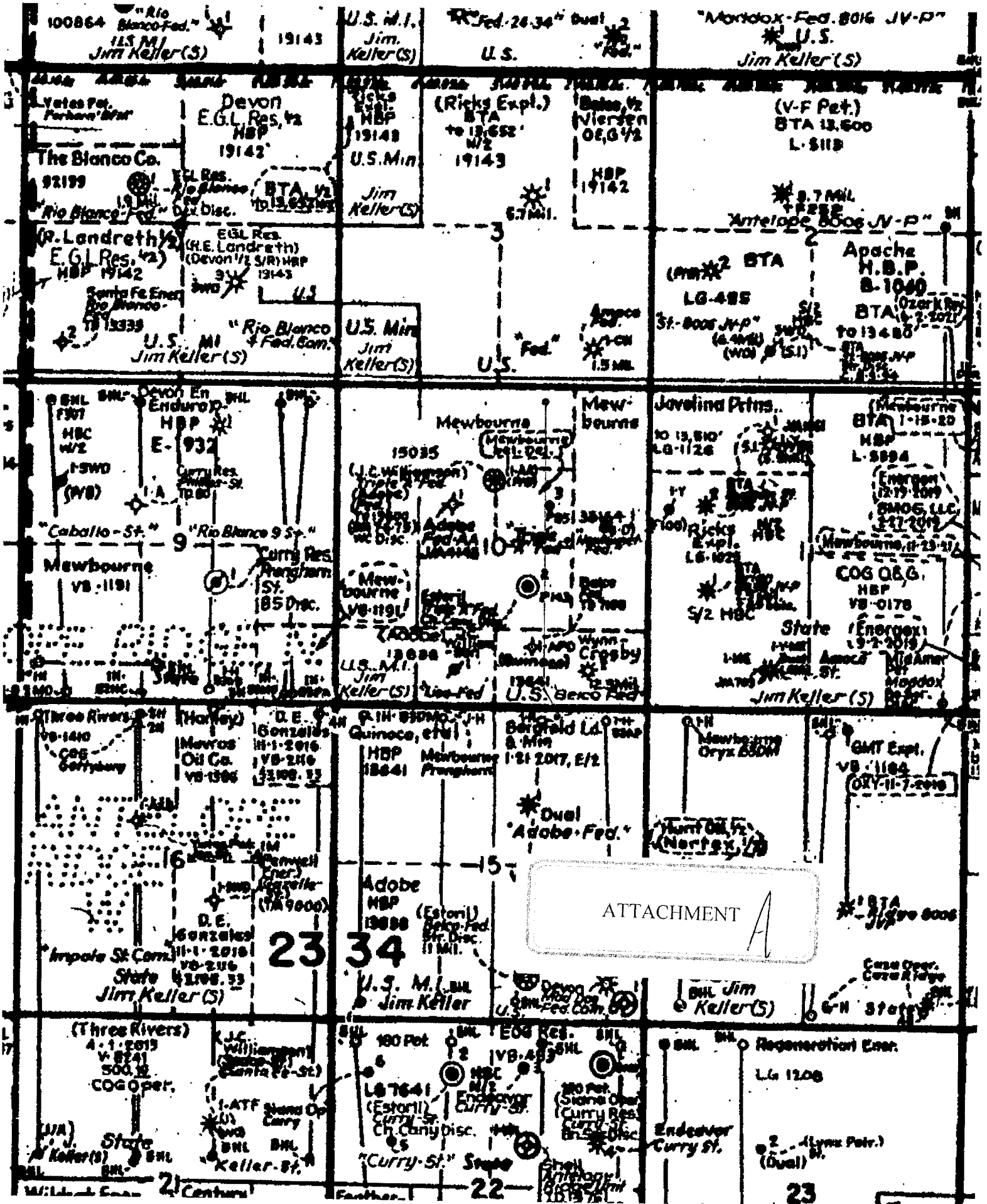
*Mitchell Robb*  
Mitchell Robb

SUBSCRIBED AND SWORN TO before me this 4th day of September, 2018 by Mitchell Robb.

My Commission Expires: 8-26-19

*Judy K. Taylor*  
Notary Public





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 Aragon Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1230 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

BOBBS OCD  
MAR 08 2018

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number <b>30-025-44587</b>		3 Pool Code <b>2207</b>		3 Pool Name <b>ANTELOPE RIDGE WEST BONE SPRING</b>	
4 Property Code <b>320991</b>		5 Property Name <b>IBEX 10 B30B FEDERAL COM</b>			6 Well Number <b>1H</b>
7 GRID NO. <b>14744</b>		8 Operator Name <b>MEWBOURNE OIL COMPANY</b>			9 Elevation <b>3393'</b>

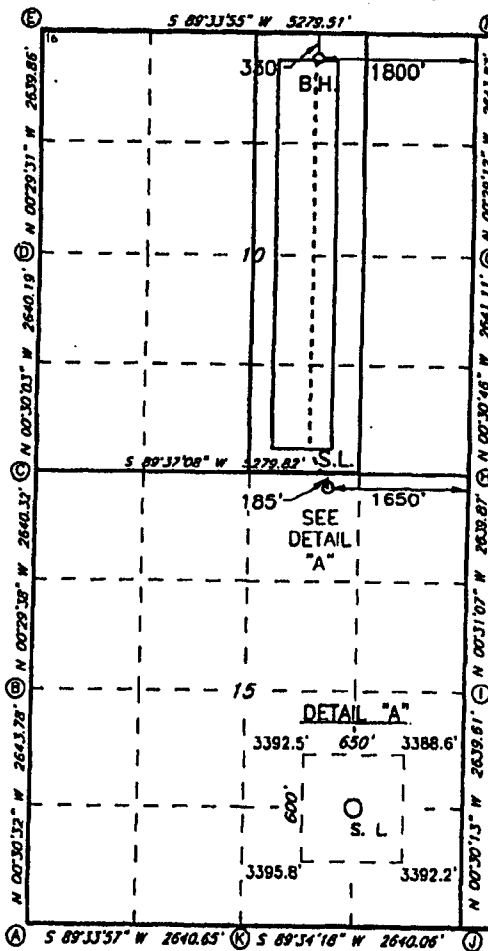
*NORTHWEST*

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	15	23S	34E		185	NORTH	1650	EAST	LEA

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	10	23S	34E		330	NORTH	1800	EAST	LEA

12 Dedicated Acres <b>160</b>	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	--------------------	-----------------------	--------------

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



- 17 OPERATOR CERTIFICATION**  
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 as a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
- Signature: *Bradley Bishop* Date: **10-19-17**  
Printed Name: **BRADLEY BISHOP**  
E-mail Address: **BBISHOP@MEWBOURNE.COM**
- 18 SURVEYOR CERTIFICATION**  
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.
- Date of Survey: **9-12-2017**  
Signature and Seal of Professional Surveyor: *Robert M. Howett*  
Certificate Number: **19880**
- 19 CORNER DATA**  
NAD 83 GRID - NM EAST  
A: FOUND BRASS CAP "1918"  
N 478119.9 - E 812768.1  
B: FOUND BRASS CAP "1918"  
N 475641.0 - E 809160.1  
C: FOUND BRASS CAP "1918"  
N 478280.8 - E 809137.4  
D: FOUND BRASS CAP "1918"  
N 480920.4 - E 809114.3  
E: FOUND PK NAIL  
N 483559.7 - E 809091.7  
F: FOUND PK NAIL  
N 483599.8 - E 814370.1  
G: FOUND BRASS CAP "1918"  
N 480956.4 - E 814392.6  
H: FOUND BRASS CAP "1918"  
N 478315.9 - E 814416.2  
I: FOUND BRASS CAP "1918"  
N 475676.6 - E 814440.1  
J: FOUND BRASS CAP "1918"  
N 473037.5 - E 814463.3  
K: FOUND BRASS CAP "1918"  
N 473017.8 - E 811823.8

Job No.: LS1708516

**Tract Ownership**  
**Ibex 10 B3OB Fed Com #1H Well**  
**W/2E/2 of Section 10, T23S, R34E**  
**Lea County, New Mexico**

**W/2E/2 of Section 10, T23S, R34E:**

**Ownership:**

Mewbourne Oil Company, Operator, and Nortex Corporation, et al, as Non-Operators	82.583898%
VPD New Mexico, LLC	10.510160%*
EOG Resources, Inc.	3.635160%*
Tom M. Ragsdale	2.966745%*
Energy Investors 1987, L.P.	0.125978%*
Hunt Oil Company	0.107814%*
Siana Oil & Gas Company, LLC	0.062663%*
NRM Operating Company, L.P.	<u>0.007582%*</u>
<b>Total:</b>	<b>100.00000%</b>

**Total Interest being force pooled: 17.416102%**

\* Denotes an interest that is being force pooled.

ATTACHMENT *B*

**Summary of Communications**  
**Ibex 10 B3OB Fed Com #1H Well**  
**W/2E/2 of Section 10, T23S, R34E**  
**Lea County, New Mexico**

**VDP New Mexico, LLC**

**07/11/2018:** Sent a Working Interest Unit and Well Proposal to the above listed party.

**07/25/2018:** Email correspondence with Collin Hoover. VDP will participate under pooling order.

**EOG Resources, Inc.**

**07/11/2018:** Sent a Working Interest Unit and Well Proposal to the above listed party.

**07/13/2018:** Email correspondence with Clay Haggard.

**07/17/2018:** Email correspondence with Clay Haggard.

**Tom M. Ragsdale &**

**Siana Oil & Gas Company, LLC**

**07/11/2018:** Sent a Working Interest Unit and Well Proposal to the above listed party.

**08/22-24/2018:** Multiple phone conversations with Karen Stanford.

**Energy Investors 1987, L.P.**

**07/11/2018:** Sent a Working Interest Unit and Well Proposal to the above listed party. We have not heard any response regarding the same to date.

**Hunt Oil Company**

**07/11/2018:** Sent a Working Interest Unit and Well Proposal to the above listed party. We have not heard any response regarding the same to date.

**NRM Operating Company, L.P.**

**07/11/2018:** Sent a Working Interest Unit and Well Proposal to the above listed party. We have not heard any response regarding the same to date.

ATTACHMENT C

# MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715  
FACSIMILE (432) 685-4170

July 2, 2018

*Via Certified Mail*

VDP New Mexico, LLC  
2100 McKinney Ave., Suite 1770  
Dallas, TX 75201  
Attn: Collin Hoover

Re: Ibex 10 B3MD Fed Com #1H	&	Ibex 10 B3OB Fed Com #1H
205' FNL & 145' FWL (SL : Sec. 15)		185' FNL & 1650' FEL (SL : Sec. 15)
330' FNL & 500' FWL (BHL : Sec. 10)		330' FNL & 1800' FEL (BHL : Sec. 10)
Section 10, T23S, R34E		Section 10, T23S, R34E
Lea County, New Mexico		Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned Ibex 10 B3MD 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 11,355 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,366 feet. The W/2W/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Ibex 10 B3OB 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 11,289 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,255 feet. The W/2E/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFEs dated July 1, 2018 for the captioned proposed well. Please refer to JOA dated September 1, 2017 as previously provided. Please sign and return said AFE and JOA signature/notary pages if you elect to participate in the captioned wells and return to me within thirty (30) days.

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

Re: Title

Mitch Robb

Wed 7/25/2018 1:34 PM

Sent Items

To: Collin Hoover <hoover@titaniumep.com>

Collin,

We are in receipt of the wire... Outside of the Communitization Agreement, we should be good to go on the Ibex 10 B3NC.

Since y'all would like to participate under the pooling order for our next two wells, the elections will be due within 30 days of your receipt of the pooling order. I still need to wait a while before submitting my pooling application so, it will probably be a few months before I can even send the election under the pooling order out.

Please let me know if you have any questions.

Thanks,

**Mitch Robb**

Landman  
Mewbourne Oil Company  
Office: (432) 682-3715  
Cell : (405) 394-8583  
Email: [mrobb@mewbourne.com](mailto:mrobb@mewbourne.com)

---

From: Collin Hoover <hoover@titaniumep.com>

Sent: Wednesday, July 25, 2018 11:22:48 AM

To: Mitch Robb

Subject: RE: Title

Wire went out - could you confirm receipt?

When do we need to elect in on the other two wells since we're participating under the pooling order?

Collin Hoover

O: 214.751.8897

C: 214.458.0007

From: Mitch Robb [mailto:[mrobb@mewbourne.com](mailto:mrobb@mewbourne.com)]

Sent: Monday, July 23, 2018 2:51 PM

To: Collin Hoover <hoover@titaniumep.com>

Subject: Re: Title

Thanks, Collin. We should be good to go now. I'll just wait on the wire.

**Mitch Robb**

Landman  
Mewbourne Oil Company  
Office: (432) 682-3715  
Cell : (405) 394-8583  
Email: [mrobb@mewbourne.com](mailto:mrobb@mewbourne.com)

---

From: Collin Hoover <[hoover@titaniumep.com](mailto:hoover@titaniumep.com)>

Sent: Monday, July 23, 2018 2:40:58 PM

To: Mitch Robb

Subject: FW: Title

Please let me know if you need anything else from us.

Collin Hoover

O: 214.751.8897

C: 214.458.0007

From: Natalie Framjee

Sent: Monday, July 23, 2018 2:30 PM

To: Mitch Robb <[mrobb@mewbourne.com](mailto:mrobb@mewbourne.com)>

Cc: Collin Hoover <[hoover@titaniumep.com](mailto:hoover@titaniumep.com)>

Subject: RE: Title

Mitch,

Please find attached VPD New Mexico's election to participate under Pooling Order No. R-14717 in the Ibex 10 B3NC Fed Com #1H well in Lea County, NM. Please note we also elect to purchase our own well control insurance policy.

Funding will be wired as soon as possible.

Thank You,

Natalie

From: Mitch Robb [mailto:[mrobb@mewbourne.com](mailto:mrobb@mewbourne.com)]

Sent: Friday, July 20, 2018 9:02 AM

To: Collin Hoover <[hoover@titaniumep.com](mailto:hoover@titaniumep.com)>

Subject: Re: Title

Hey Collin,

I have attached the new well proposal for Mewbourne's Ibex 10 B3MD Fed Com #1H & Ibex 10 B3OB Fed Com #1H that was delivered on 07/14/2018 as well as two amended AFE's reflecting VDP's interest as if you were to participate under the pooling order.

Also attached is the AFE for the Ibex 10 B3NC Fed Com #1H. Please have this AFE executed and \$332,557.50 wired to Mewbourne (wiring info attached).

Here are the WI numbers that I am showing for VDP if you elect to participate under pooling orders:



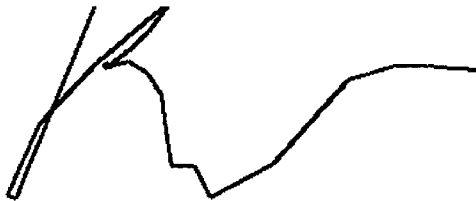


Date: July 14, 2018


Simple Certified:

The following is in response to your July 14, 2018 request for delivery information on your Certified Mail™/RRE item number 9402810699945032693397. The delivery record shows that this item was delivered on July 14, 2018 at 3:00 pm in DALLAS, TX 75201. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



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

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

Sincerely,  
United States Postal Service

Attn: Collin Hoover  
VDP New Mexico, LLC  
2100 MCKINNEY AVE STE 1770  
DALLAS, TX 75201  
Reference #: IBEX 10 B3MD #1H MR  
Item ID: IBEX 10 B3MD 1H

# MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715  
FACSIMILE (432) 685-4170

July 2, 2018

Via Certified Mail

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

Re: Ibex 10 B3MD Fed Com #1H & Ibex 10 B3OB Fed Com #1H  
205' FNL & 145' FWL (SL : Sec. 15) 185' FNL & 1650' FEL (SL : Sec. 15)  
330' FNL & 500' FWL (BHL : Sec. 10) 330' FNL & 1800' FEL (BHL : Sec. 10)  
Section 10, T23S, R34E Section 10, T23S, R34E  
Lea County, New Mexico Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned Ibex 10 B3MD 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 11,355 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,366 feet. The W/2W/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

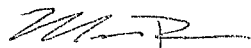
In addition, Mewbourne as Operator hereby proposes to drill the captioned Ibex 10 B3OB Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 11,289 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,255 feet. The W/2E/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFEs dated July 1, 2018 for the captioned proposed wells. Please refer to JOA dated September 1, 2017 as previously provided by letter dated September 25, 2017. Please sign and return said AFE and JOA signature/notary pages if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

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

## Re: Ibex 10 well proposals

Mitch Robb

Mon 7/23/2018 4:31 PM

Sent Items

To: Clay Haggard <Clay\_Haggard@eogresources.com>;

It looks like EOG's interest in the NWSE is derived from an Operating Agreement dated September 1, 1981. There are only 4.60008 acres that are held by this JOA and EOG owns a 6.875% WI as to acreage subject to the JOA (4.60008 acres \* 6.875% = .316255 acres).

Just give me a shout when you get the check in and we can figure it out.

Hope this helps.

Mitch

---

**From:** Clay Haggard <Clay\_Haggard@eogresources.com>  
**Sent:** Monday, July 23, 2018 3:47:40 PM  
**To:** Mitch Robb  
**Cc:** Clay Haggard  
**Subject:** RE: Ibex 10 well proposals

Mitch

Can you expand more on the numbers for the NW SE.

I agree with everything else, but I'm having trouble coming up with EOG's number in the NW SE.

On another note, I'll have the check for Mewbourne on the Ibex well under the pooling order by tomorrow or Wednesday at the latest. I can bring it to your office if you need me to.

*Clay Haggard, CPL*  
Land Advisor, EOG Resources, Inc.  
5509 Champions Dr.  
Midland, Texas 79706  
Office (432) 686-3722



**From:** Mitch Robb [mailto:mrobb@mewbourne.com]  
**Sent:** Monday, July 23, 2018 9:52 AM  
**To:** Clay Haggard <Clay\_Haggard@eogresources.com>  
**Subject:** Re: Ibex 10 well proposals

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Clay,

I am showing EOG as owing the following as to Section 10-T23S-R34E, Lea County, NM (Ibex 10 Prospect):

NW & W2NE: 6.8750000% or 16.5000000 acres  
N2SW: 6.875000% or 5.5000000 acres  
NWSE: 0.790639% or 0.3162555 acres  
**TOTAL: 22.3162555 acres**

Please let me know if you have any questions.

Thanks,

**Mitch Robb**

Landman  
Mewbourne Oil Company  
Office: (432) 682-3715  
Cell : (405) 394-8583  
Email: [mrobb@mewbourne.com](mailto:mrobb@mewbourne.com)

---

**From:** Mitch Robb  
**Sent:** Tuesday, July 17, 2018 8:32:47 AM  
**To:** Clay Haggard  
**Subject:** Re: Ibex 10 well proposals

We had a supplement to our title opinion that changed the interests a little in one of the tracts.

Mitch

---

**From:** Clay Haggard <[Clay\\_Haggard@eogresources.com](mailto:Clay_Haggard@eogresources.com)>  
**Sent:** Tuesday, July 17, 2018 8:28:20 AM  
**To:** Mitch Robb  
**Cc:** Clay Haggard  
**Subject:** RE: Ibex 10 well proposals

How did Mewbourne arrive at 22.316256 acres?

The numbers you gave me last fall were different (see attached)

Thanks.

*Clay Haggard, CPL*

Land Advisor, EOG Resources, Inc.  
5509 Champions Dr.  
Midland, Texas 79706  
Office (432) 686-3722



**From:** Mitch Robb [<mailto:mrobb@mewbourne.com>]  
**Sent:** Friday, July 13, 2018 4:52 PM  
**To:** Clay Haggard <[Clay\\_Haggard@eogresources.com](mailto:Clay_Haggard@eogresources.com)>  
**Subject:** Re: Ibex 10 well proposals

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Clay,

Those numbers are under the assumption that EOG signs Mewbourne's Joint Operating Agreement covering all of Section 10-T23S-R34E.

22.316256 acres / 640 acres = 3.486915%

Please let me know if you have any other questions.

Thanks,

**Mitch Robb**  
Landman

Mewbourne Oil Company  
Office: (432) 682-3715  
Cell : (405) 394-8583  
Email: [mrobb@mewbourne.com](mailto:mrobb@mewbourne.com)

---

**From:** Clay Haggard <[Clay\\_Haggard@eogresources.com](mailto:Clay_Haggard@eogresources.com)>  
**Sent:** Friday, July 13, 2018 10:41:05 AM  
**To:** Mitch Robb  
**Cc:** Clay Haggard  
**Subject:** Ibex 10 well proposals

Mitch,

Can you tell me how Mewbourne arrived at 3.486915% interest for EOG in the Ibex wells?

Thanks.

*Clay Haggard, CPL*  
Land Advisor, EOG Resources, Inc.  
5509 Champions Dr.  
Midland, Texas 79706  
Office (432) 686-3722





Date: July 12, 2018

Simple Certified:

The following is in response to your July 12, 2018 request for delivery information on your Certified Mail™/RRE item number 9414810699945032691565. The delivery record shows that this item was delivered on July 12, 2018 at 7:30 am in MIDLAND, TX 79702. The scanned image of the recipient information is provided below.

Signature of Recipient :

Signature	
Printed Name	Jimmy Whithead

Address of Recipient :

Address	PO Box 2267
---------	-------------

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

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

Sincerely,

United States Postal Service

EOG Resources, Inc.  
5509 CHAMPIONS DR  
MIDLAND, TX 79706  
Reference #: Ibex 10 B3MD B3OB#1H MR  
Item ID: Ibex 10 B3MD B3OBno1H

# MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715  
FACSIMILE (432) 685-4170

July 2, 2018

Via Certified Mail

Siana Oil & Gas Company, LLC &  
Tom M. Ragsdale  
400 N. Sam Houston Parkway East, Suite 601  
Houston, Texas 77060  
Attn: Karen Stanford

Re: Ibex 10 B3MD Fed Com #1H	&	Ibex 10 B3OB Fed Com #1H
205' FNL & 145' FWL (SL : Sec. 15)		185' FNL & 1650' FEL (SL : Sec. 15)
330' FNL & 500' FWL (BHL : Sec. 10)		330' FNL & 1800' FEL (BHL : Sec. 10)
Section 10, T23S, R34E		Section 10, T23S, R34E
Lea County, New Mexico		Lea County, New Mexico

Ladies and Gentlemen:

Under the terms of the governing Operating Agreement dated September 1, 2017, Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned Ibex 10 B3MD 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 11,355 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,366 feet. The W/2W/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Ibex 10 B3OB 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 11,289 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,255 feet. The W/2E/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFEs dated July 1, 2018 for the captioned proposed wells. Please sign and return said AFE if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

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



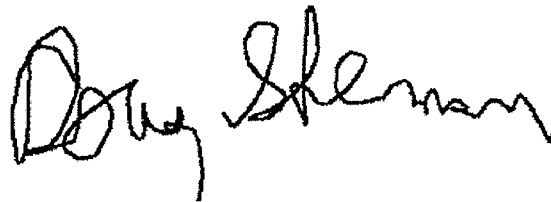
Mitch Robb  
Landman

Date: July 13, 2018

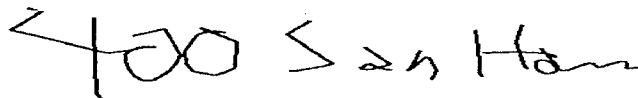
Simple Certified:

The following is in response to your July 13, 2018 request for delivery information on your Certified Mail™/RRE item number 9414810699945032692258. The delivery record shows that this item was delivered on July 13, 2018 at 12:50 pm in HOUSTON, TX 77060. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



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

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

Sincerely,  
United States Postal Service

Siana Oil & Gas Company, LLC & Tom M. Ragsdale  
Attn: Karen Stanford  
400 N SAM HOUSTON PKWY E STE 601  
HOUSTON, TX 77060  
Reference #: Ibex 10 B3MD B3OB#1H MR  
Item ID: Ibex 10 B3MD B3OBno1H



# MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715  
FACSIMILE (432) 685-4170

July 2, 2018

Via Certified Mail

Energy Investors 1987, L.P.  
633 17th Street, Suite 2390-N  
Denver, CO 80202

Re: Ibex 10 B3MD Fed Com #1H	&	Ibex 10 B3OB Fed Com #1H
205' FNL & 145' FWL (SL : Sec. 15)		185' FNL & 1650' FEL (SL : Sec. 15)
330' FNL & 500' FWL (BHL : Sec. 10)		330' FNL & 1800' FEL (BHL : Sec. 10)
Section 10, T23S, R34E		Section 10, T23S, R34E
Lea County, New Mexico		Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned Ibex 10 B3MD 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 11,355 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,366 feet. The W/2W/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Ibex 10 B3OB 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 11,289 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,255 feet. The W/2E/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFEs dated July 1, 2018 for the captioned proposed wells. Please sign and return said AFE if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

A copy of our Joint Operating Agreement ("JOA") will follow under separate cover letter if you elect to participate.

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



July 24, 2018

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8106 9994 5032 6914 73.**


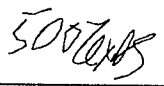
**Item Details**

**Status:** Delivered, Left with Individual  
**Status Date / Time:** July 24, 2018, 2:20 pm  
**Location:** MIDLAND, TX 79701  
**Postal Product:** First-Class Mail®  
**Extra Services:** Certified Mail™  
Return Receipt Electronic  
**Recipient Name:** Energy Investors 1987 L P

**Shipment Details**

**Weight:** 2.0oz

**Recipient Signature**

Signature of Recipient:   
Address of Recipient: 

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Energy Investors 1987, L.P.  
633 17TH ST STE 2390-N  
DENVER, CO 80202  
Reference #: Ibex 10 B3MD#1 MR  
Item ID: Ibex 10 B3MDno1

# MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715  
FACSIMILE (432) 685-4170

July 2, 2018

Via Certified Mail

Hunt Oil Company  
1900 North Akard Street  
Dallas, TX 75201

Re: Ibex 10 B3MD Fed Com #1H	&	Ibex 10 B3OB Fed Com #1H
205' FNL & 145' FWL (SL : Sec. 15)		185' FNL & 1650' FEL (SL : Sec. 15)
330' FNL & 500' FWL (BHL : Sec. 10)		330' FNL & 1800' FEL (BHL : Sec. 10)
Section 10, T23S, R34E		Section 10, T23S, R34E
Lea County, New Mexico		Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned Ibex 10 B3MD 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 11,355 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,366 feet. The W/2W/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

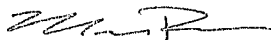
In addition, Mewbourne as Operator hereby proposes to drill the captioned Ibex 10 B3OB Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 11,289 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,255 feet. The W/2E/2 of the captioned Section 10 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFEs dated July 1, 2018 for the captioned proposed wells. Please refer to JOA dated September 1, 2017 as previously provided by letter dated September 25, 2017. Please sign and return said AFE and JOA signature/notary pages if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

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





Date: July 18, 2018

Simple Certified:

The following is in response to your July 18, 2018 request for delivery information on your Certified Mail™/RRE item number 9414810699945032691374. The delivery record shows that this item was delivered on July 18, 2018 at 11:33 am in DALLAS, TX 75201. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink that reads "Jeremy Collins". The signature is written in a cursive style with a large initial "J".

Address of Recipient :

A handwritten address in black ink that reads "2100 Ross Ave". The text is written in a cursive style.

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

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

Sincerely,

United States Postal Service

NRM Operating Company, L.P.  
2100 ROSS AVE STE 2600  
DALLAS, TX 75201  
Reference #: lbex 10 B3MD#1 MR  
Item ID: lbex 10 B3MDno1

# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: Ibex 10 B3OB Fed Com #1H Prospect: Bone Spring  
 Location: SL: 185' FNL & 1650' FEL (15); BHL: 330' FNL & 1800' FEL (10) County: Lea ST: NM  
 Sec. 15 BIK:      Survey:      TWP: 23S RNG: 34E Prop. TVD: 11289 TMD: 16255

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$70,000	0180-0205	\$30,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling	25 days drlg / 3 days comp @ \$21,000/d	0180-0110	\$561,000	0180-0210	\$67,300
Fuel	1700 gal/day @ 2.70/gal	0180-0114	\$142,300	0180-0214	\$190,000
Mud, Chemical & Additives		0180-0120	\$230,000	0180-0220	
Horizontal Drillout Services				0180-0222	\$140,000
Cementing		0180-0125	\$110,000	0180-0225	\$30,000
Logging & Wireline Services		0180-0130	\$2,000	0180-0230	\$190,000
Casing / Tubing / Snubbing Service		0180-0134	\$20,000	0180-0234	\$70,000
Mud Logging		0180-0137	\$20,000		
Stimulation	24 Stg 9.1 MM gal / 9.1 MM lb			0180-0241	\$1,460,000
Stimulation Rentals & Other				0180-0242	\$125,000
Water & Other		0180-0145	\$50,000	0180-0245	\$420,000
Bits		0180-0148	\$72,000	0180-0248	\$4,000
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	\$20,000	0180-0265	\$20,000
Welding Services		0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$42,000	0180-0270	\$19,500
Directional Services	Includes Vertical Control	0180-0175	\$241,500		
Equipment Rental		0180-0180	\$215,300	0180-0280	\$30,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,100	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$10,000
Damages		0180-0190	\$15,000	0180-0290	
ROW & Easements		0180-0192		0180-0292	\$1,000
Pipeline Interconnect				0180-0293	
Company Supervision		0180-0195	\$134,400	0180-0295	\$62,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies	10% (TCP) 10% (CC)	0180-0199	\$240,400	0180-0299	\$299,000
<b>TOTAL</b>			<b>\$2,644,000</b>		<b>\$3,288,700</b>

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	1720' - 13 3/8" 54.5# J-55 ST&C @ \$35.90/ft	0181-0794	\$66,000		
Casing (8.1" - 10.0")	4950' - 9 5/8" 40# N-80 LT&C @ \$27.61/ft	0181-0795	\$146,000		
Casing (6.1" - 8.0")	11560' - 7" 29# P-110 LT&C @ \$27.76/ft	0181-0796	\$342,800		
Casing (4.1" - 6.0")	5320' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft			0181-0797	\$77,700
Tubing	10810' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.62/ft			0181-0798	\$64,900
Drilling Head		0181-0880	\$40,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$30,000
Sucker Rods				0181-0875	
Subsurface Equipment				0181-0880	
Artificial Lift Systems	Gas Lift Valves			0181-0884	\$15,000
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers	1/2 VRU/SWD Pump/Circ Pump			0181-0886	\$40,000
Tanks - Oil	3 - 750 bbl			0181-0890	\$55,000
Tanks - Water	2 - 750 bbl			0181-0891	\$45,000
Separation / Treating Equipment	30"x10"x1k# 3 ph/36"x15"x1k#/Gun bbl/VRT			0181-0895	\$70,000
Heater Treaters, Line Heaters	8x20x75# HT			0181-0897	\$25,000
Metering Equipment				0181-0898	\$14,000
Line Pipe & Valves - Gathering	0.2 Mile 4" Wtr			0181-0900	\$15,000
Fittings / Valves & Accessories				0181-0906	\$60,000
Cathodic Protection				0181-0908	\$8,000
Electrical Installation				0181-0909	\$50,000
Equipment Installation				0181-0910	\$50,000
Pipeline Construction	0.2 Mile Poly			0181-0920	\$10,000
<b>TOTAL</b>			<b>\$594,800</b>		<b>\$659,600</b>
<b>SUBTOTAL</b>			<b>\$3,238,800</b>		<b>\$3,948,300</b>

**TOTAL WELL COST \$7,187,100**

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. Talley Date: 6/26/2018  
 Company Approval: m. white Date: 7/1/2018  
 Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_  
 Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

ATTACHMENT 17

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

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

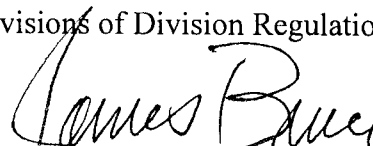
Case No. 16390

AFFIDAVIT OF NOTICE

COUNTY OF SANTA FE    )  
  ) ss.  
STATE OF NEW MEXICO    )

James Bruce, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their correct addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Regulations.

  
\_\_\_\_\_  
James Bruce

SUBSCRIBED AND SWORN TO before me this 5<sup>th</sup> day of September, 2018 by  
James Bruce.

My Commission Expires \_\_\_\_\_  
  
OFFICIAL SEAL  
KERRIE C. ALLEN  
Notary Public  
State of New Mexico  
My Commission Expires 10-22-18


  
\_\_\_\_\_  
Notary Public

EXHIBIT 2

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

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

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

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

August 13, 2018

CERTIFIED MAIL

To: Persons on Exhibit A

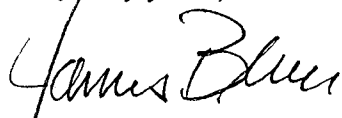
Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding a Bone Spring well in the W/2E/2 of Section 10, Township 23 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

This matter is set for hearing at 8:15 a.m. on Thursday, September 6, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

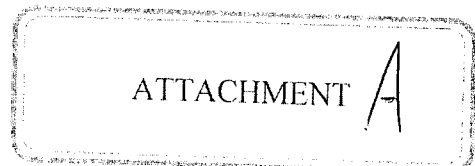
A party appearing in a Division case is required by Division Regulations to file a Pre-Hearing Statement no later than Thursday, August 30, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company





EXHIBIT

A

VDP New Mexico, LLC  
2100 McKinney Ave., Suite 1770  
Dallas, TX 75201  
Attn: Collin Hoover

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

Tom M. Ragsdale &  
Siana Oil & Gas Company, LLC  
400 N Sam Houston Pkwy E, Suite 601  
Houston, TX 77060  
Attn: Karen Stanford

Energy Investors 1987, L.P.  
633 17th Street, Suite 2390-N  
Denver, CO 80202

Hunt Oil Company  
1900 North Akard Street  
Dallas, TX 75201

NRM Operating Company, L.P.  
2100 Ross Ave., Suite 2600  
Dallas, TX 75201

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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  
 Hunt Oil Company  
 1900 North Akard Street  
 Dallas, TX 75201  
 Street and Apt. No., or PO Box No.  
 City, State, ZIP+4®

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

Postmark Here

4472 8972 0000 0960 8702

**SENDER: COMPLETE THIS SECTION**

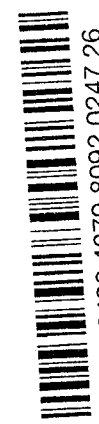
1. Article Addressed to:  
 Tom M. Registral &  
 Sima Oil & Gas Company, LLC  
 400 N Sam Houston Pkwy E, Suite 601  
 Houston, TX 77060

2. Article Number (transfer from service label)  
 7018 0360 0000 2188 7168

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

M-I 0B

Domestic Return Receipt



9590 9402 4079 8092 0247 26

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 *Tom Registral*  Addressee  
 B. Received by (Printed Name) C. Date of Delivery  
 D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

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

**U.S. Postal Service™**  
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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 \$  
 Tom M. Registral &  
 Sima Oil & Gas Company, LLC  
 400 N Sam Houston Pkwy E, Suite 601  
 Houston, TX 77060  
 Street and Apt. No., or PO Box No.  
 City, State, ZIP+4®

Postmark Here

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

8972 8972 0000 0960 8702

**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:

Hunt Oil Company  
 1900 North Akard Street  
 Dallas, TX 75201



9590 9402 4079 8092 0247 02

2. Article N 7018 0360 0000 2188 7144

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

M-I 0B

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 *Tom Registral*  Addressee  
 B. Received by (Printed Name) C. Date of Delivery  
 VALSUGHT  
 D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

8/20

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

Domestic Return Receipt

M-I 0B

4-447Z

**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:

EOG Resources, Inc.  
 5509 Champions Drive  
 Midland, TX 79706



9590 9402 4079 8092 0247 33

2. AI

7018 0360 0000 2188 7182

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

M-F O B Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]*  Agent  Addressee

B. Received by (Printed Name) *[Signature]* C. Date of Delivery *8-20-18*

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®  Certified Mail Restricted Delivery  Return Receipt for Merchandise

Collect on Delivery  Collect on Delivery Restricted Delivery  Signature Confirmation™

Restricted Delivery  Restricted Delivery

**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 EOG Resources, Inc.  
 5509 Champions Drive  
 Street and Apt. No., or P.O. Midland, TX 79706

City, State, ZIP+4® \_\_\_\_\_

Postmark Here

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

2012 8012 0000 0960 8102

7016 0360 0000 2188 7175

**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)	
<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	\$

Postmark  
Here

Sent To VDP New Mexico, L.L.C.  
 Street and Apt. No., or P.O. 2100 McKinney Ave., Suite 1770  
 Dallas, TX 75201  
 City, State, ZIP+4®

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

7016 0360 0000 2188 7137

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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	\$

Postmark  
Here

Sent To NRM Operating Company, L.P.  
 Street and Apt. No., or P.O. 2100 Ross Ave., Suite 2600  
 Dallas, TX 75201  
 City, State, ZIP+4®

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

**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)		
<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	Energy Investors 1987, L.P. 633 17th Street, Suite 2390-N	
Street and Apt. No., or PO	Denver, CO 80202	
City, State, ZIP+4®		

Postmark  
Here

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

James Bruce  
P.O. Box 1056  
Santa Fe, New Mexico 87504

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

**CERTIFIED MAIL®**



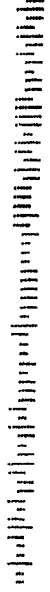
7018 0360 0000 2188 7151

\$6.70  
US POSTAGE  
FIRST-CLASS

071V00607931  
87501  
000108045

Energy Investors 1987, L.P.  
633 17th Street, Suite 2390-N  
Denver, CO 80202

8020293660 0042

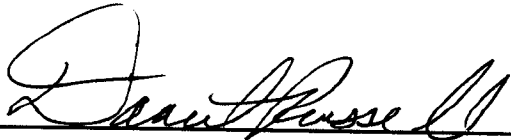


# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

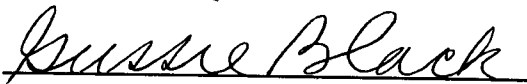
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated  
August 17, 2018  
and ending with the issue dated  
August 17, 2018.



Publisher

Sworn and subscribed to before me this  
17th day of August 2018.

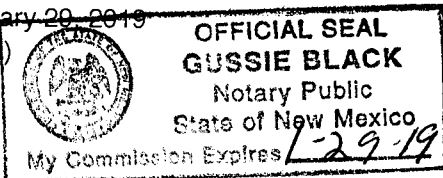


Business Manager

My commission expires

January 20, 2019

(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 NOTICE**  
August 17, 2018

## NOTICE

To: Charles C. Albright III, Trustee, Devon Energy Production Company, L.P., VDP New Mexico, LLC, EOG Resources, Inc., and Tom M. Ragsdale, or your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division seeking an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2E/2 of Section 10, Township 23 South, Range 34 East, NMPM. The unit will be dedicated to the Ibox B30B Fed. Com. Well No. 1H, a horizontal well with a surface location in the NW/4NE/4 of adjoining Section 15, a first take point in the SW/4SE/4 of Section 10, and a final take point in the NW/4NE/4 of Section 10. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The application is scheduled to be heard at 8:15 a.m. on September 6, 2018 at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. As an interest owner in the well unit you have the right to enter an appearance and participate in the case. Failure to appear will preclude you from contesting this matter at a later date. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, (505) 982-2043. The unit is located approximately 19-1/2 miles west-southwest of Eunice, New Mexico. #31133

01101711

00216537

JAMES BRUCE  
JAMES BRUCE, ATTORNEY AT LAW  
P.O. BOX 1056  
SANTA FE, NM 87504

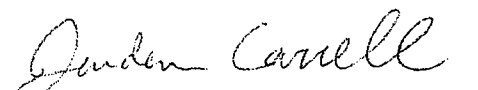
EXHIBIT 3



(c) There is no faulting or other geologic impediment on the area which will affect the drilling of the subject well.

5. Attachment D contains information from other wells drilled in this area. There are several drilled horizontal Bone Spring wells in this area. The preference is for standup units, and the few completed wells in the area (recent completions) are apparently commercial.

6. Attachment E is the Survey Calculation Report. The producing interval of the proposed well will be orthodox.

  
\_\_\_\_\_  
Jordan Carrell



VERIFICATION

STATE OF TEXAS                    )  
  ) ss.  
COUNTY OF MIDLAND            )

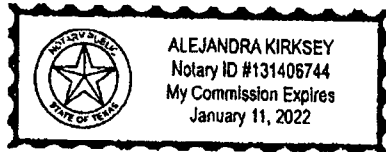
Jordan Carrell, being duly sworn upon his oath, deposes and states that: He is a geologist for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

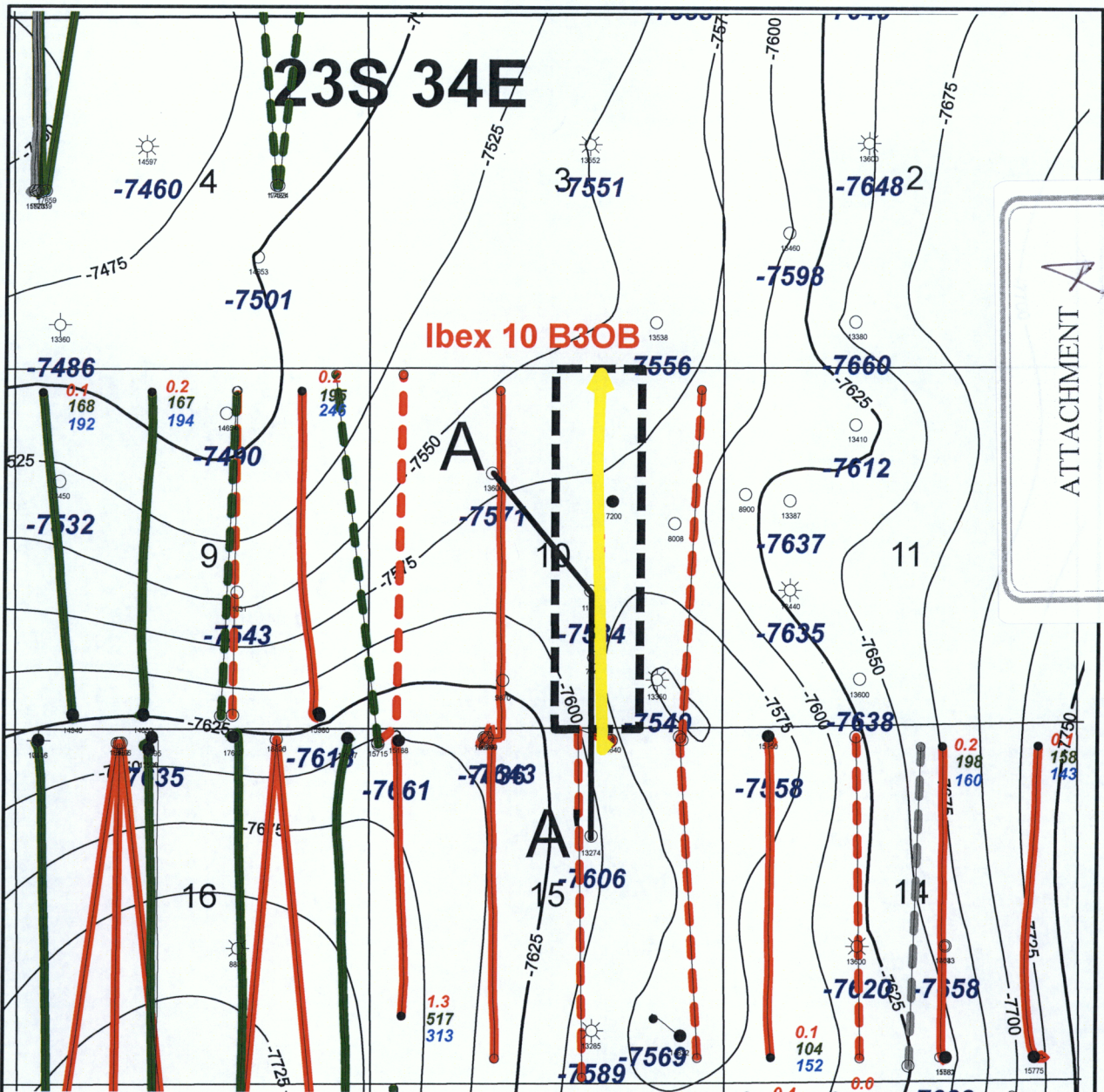
*Jordan Carrell*  
Jordan Carrell

SUBSCRIBED AND SWORN TO before me this 31<sup>st</sup> day of August, 2018 by Jordan Carrell.

My Commission Expires: Jan. 11, 2022

*Alejandra Kirksey*  
Notary Public





ATTACHMENT

1 inch = 2500 feet



**BSPG Horizontal Color Code**

- Avalon Shale Well
- Avalon Shale Permit
- 2nd BSPG Sd Well
- 2nd BSPG Sd Permit
- 3rd BSPG Sd Well
- 3rd BSPG SD Permit

**3rd BSPG Production**

- Cum BCF
- Cum MBO
- Cum MBW
- TD

**Top of 3rd BSPG Sd (subsea)**

Top of 3rd Sd Structure Contour

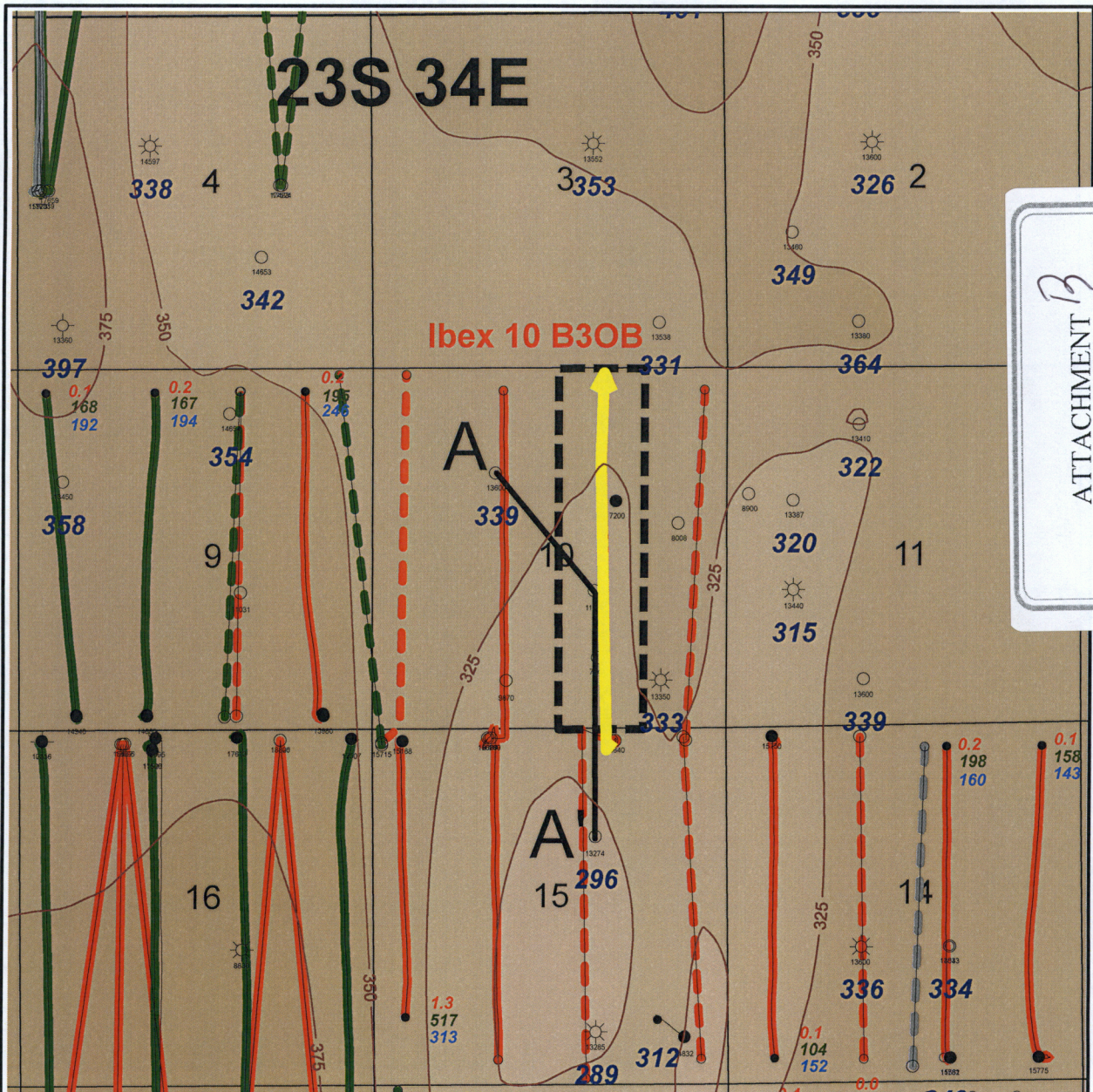


**MOC Mewbourne Oil Company**

**Ibx 10 B3OB Fed Com #1H**  
 Top of 3<sup>rd</sup> BSPG Sand Structure Map Exhibit  
 C.I. = 25'  
 Section 10, 23S/34E, Lea County, New Mexico

Author: J. Carrell	Scale: 1" = 2500'	Date: 27 August, 2018
-----------------------	----------------------	--------------------------





ATTACHMENT B

1 inch = 2500 feet



**BSPG Production**

- Cum BCF
- Cum MBO
- TD Cum MBW

**Gross 3rd BSPG Sand (ft)**

3rd BSPG Gross Sand Isopach Contour

**BSPG Horizontal Color Code**

- Avalon Shale Well
- Avalon Shale Permit
- 2nd BSPG Sand Well
- 2nd BSPG Sand Permit
- 3rd BSPG Sand Well
- 3rd BSPG Sand Permit



**Mewbourne Oil Company**

Ibex 10 B3OB Fed Com #1H  
 3rd BSPG Gross Sand Isopach Map Exhibit  
 C.I. = 25'  
 Section 10, 23S/34E, Lea County, New Mexico

Author:  
J. Carrell

Scale:  
1" = 2500'

Date:  
27 August, 2018



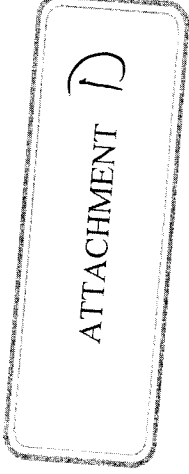






**Ibex 10 3rd Bone Spring Sand Production Data Table**

Well Name	Operator	API	Location	Vertical/Horizontal	3rd BSPG Comp Date	Cum Oil (MBO)	Cum Gas (BCF)	Cum Water (MBW)	NS/EW	HZ Target
ANTELOPE 9 B3OB STATE COM #1H	MEWBOURNE OIL CO	3002543702	9OB/23S/34E	HORIZONTAL	PERMIT	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
ANTELOPE 9 B3PA STATE #1H	MEWBOURNE OIL CO	3002542651	9PA/23S/34E	HORIZONTAL	9/24/2015	195	0.2	246	NS	Lower 3rd BSPG Sd
CAZA RIDGE '14' STATE #3H	CAZA OPERATING LLC	3002540621	14OB/23S/34E	HORIZONTAL	11/5/2012	198	0.2	160	NS	Lower 3rd BSPG Sd
CAZA RIDGE '14' STATE #4H	CAZA OPERATING LLC	3002540936	14PA/23S/34E	HORIZONTAL	8/8/2013	158	0.1	143	NS	Lower 3rd BSPG Sd
GETTYSBURG STATE COM #11H	COG OPERATING LLC	3002544159	16A21H/23S/34E	HORIZONTAL	SPUD 4/4/2018	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
GETTYSBURG STATE COM #12H	COG OPERATING LLC	3002544160	16B21G/23S/34E	HORIZONTAL	SPUD 4/21/2018	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
GETTYSBURG STATE COM #13H	COG OPERATING LLC	3002544230	16C21F/23S/34E	HORIZONTAL	SPUD 2/19/2018	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
GETTYSBURG STATE COM #14H	COG OPERATING LLC	3002544231	16C21F/23S/34E	HORIZONTAL	SPUD 4/16/2018	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
GETTYSBURG STATE COM #15H	COG OPERATING LLC	3002544232	16D21E/23S/34E	HORIZONTAL	SPUD 5/20/2018	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
IBEX 10 B3MD FED COM #1H	MEWBOURNE OIL CO	3002544585	10MD/23S/34E	HORIZONTAL	PERMIT	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
IBEX 10 B3NC FED COM #1H	MEWBOURNE OIL CO	3002544586	10NC/23S/34E	HORIZONTAL	8/5/2018	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
IBEX 10 B3OB FED COM #1H	MEWBOURNE OIL CO	3002544587	10OB/23S/34E	HORIZONTAL	SPUD 7/29/18	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
IBEX 10 B3PA FED COM #1H	MEWBOURNE OIL CO	N/A	10PA/23S/34E	HORIZONTAL	PERMIT FILED	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
ORYX 14 B3CN FEDERAL COM #1H	MEWBOURNE OIL CO	3002543423	14CN/23S/34E	HORIZONTAL	PERMIT	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
ORYX 14 B3DM FEDERAL COM #1H	MEWBOURNE OIL CO	3002543424	14DM/23S/34E	HORIZONTAL	12/5/2016	104	0.1	152	NS	Lower 3rd BSPG Sd
PRONGHORN 15 B3AP FEDERAL COM #1H	MEWBOURNE OIL CO	3002543912	15AP/23S/34E	HORIZONTAL	PERMIT	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
PRONGHORN 15 B3BO FEDERAL COM #1H	MEWBOURNE OIL CO	3002543903	15BO/23S/34E	HORIZONTAL	PERMIT	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
PRONGHORN 15 B3CN FEDERAL COM #1H	MEWBOURNE OIL CO	3002544011	15CN/23S/34E	HORIZONTAL	8/5/2018	N/A	N/A	N/A	NS	Lower 3rd BSPG Sd
PRONGHORN 15 B3DM FEDERAL COM #1H	MEWBOURNE OIL CO	3002542988	15DM/23S/34E	HORIZONTAL	3/20/2017	517	1.3	313	NS	Lower 3rd BSPG Sd





# Stryker Energy Directional Services, LLC

## SURVEY CALCULATION REPORT Minimum Curvature Calculations

Bourne Oil Company  
 Lease Name: IBEX B30B Fed Com #1 H  
 API /Job Number: 30-025-44587 M181113  
 Comments: Tie-in to Stryker Directional Survey  
 Survey Company: Stryker Energy Services

Target KBTVD: 11,290  
 Target Angle: 90.00  
 Section Plane: 357.90  
 Declination Corrected to Grid: 6.32  
 Bit to Survey Offset: 57

Number	Measured Depth	Drift (Degrees)	Azimuth (Degrees)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	BUR	DLS	KBTVD
T/I	1,706	7.9	193.2	N/A	1,702.6	-62.0	-62.0	-7.3	0.0	0.0	1702.6
1	1,873	6.1	201.4	167	1,868.3	-81.0	-81.5	-13.1	-1.1	1.3	1868.3
2	1,964	4.0	200.0	91	1,958.9	-88.4	-89.0	-16.0	-2.3	2.3	1958.9
3	2,057	0.6	151.7	93	2,051.8	-91.8	-92.5	-16.8	-3.7	3.9	2051.8
4	2,150	2.5	52.4	93	2,144.8	-91.1	-91.7	-15.0	2.0	2.9	2144.8
5	2,243	3.5	48.9	93	2,237.6	-88.1	-88.6	-11.3	1.1	1.1	2237.6
6	2,336	3.5	50.1	93	2,330.5	-84.6	-84.9	-6.9	0.0	0.1	2330.5
7	2,429	3.6	51.1	93	2,423.3	-81.1	-81.2	-2.5	0.1	0.1	2423.3
8	2,522	3.5	40.2	93	2,516.1	-77.2	-77.2	1.6	-0.1	0.7	2516.1
9	2,616	2.5	15.1	94	2,610.0	-73.1	-73.0	4.0	-1.1	1.7	2610.0
10	2,709	2.6	353.2	93	2,702.9	-69.1	-69.1				
11	2,803	2.6	347.7	94	2,796.8	-64.9	-64.9				
12	2,896	2.5	349.8	93	2,889.7	-60.8	-60.8				
13	2,989	2.4	353.5	93	2,982.6	-56.8	-56.8				
14	3,083	2.0	355.4	94	3,076.5	-53.2	-53.2				
15	3,176	1.7	350.6	93	3,169.5	-50.3	-50.2	1.5	-0.3	0.4	3169.5
16	3,269	1.7	351.6	93	3,262.5	-47.5	-47.5	1.0	0.0	0.0	3262.5
17	3,363	1.3	359.6	94	3,356.4	-45.1	-45.1	0.8	-0.4	0.5	3356.4
18	3,456	1.2	20.9	93	3,449.4	-43.1	-43.1	1.2	-0.1	0.5	3449.4
19	3,550	1.7	38.3	94	3,543.4	-41.1	-41.1	2.4	0.5	0.7	3543.4
20	3,643	2.0	45.3	93	3,636.3	-39.0	-38.9	4.4	0.3	0.4	3636.3
21	3,737	2.1	48.5	94	3,730.3	-36.8	-36.6	6.9	0.1	0.2	3730.3
22	3,830	2.4	50.9	93	3,823.2	-34.5	-34.2	9.6	0.3	0.3	3823.2
23	3,923	1.7	43.3	93	3,916.1	-32.4	-32.0	12.1	-0.8	0.8	3916.1
24	4,017	1.4	32.0	94	4,010.1	-30.5	-30.0	13.7	-0.3	0.5	4010.1
25	4,110	1.5	335.6	93	4,103.1	-28.4	-27.9	13.8	0.1	1.5	4103.1
26	4,204	2.2	323.1	94	4,197.0	-25.8	-25.4	12.2	0.7	0.9	4197.0
27	4,297	2.5	322.9	93	4,289.9	-22.7	-22.3	9.9	0.3	0.3	4289.9
28	4,391	2.6	323.8	94	4,383.9	-19.2	-19.0	7.4	0.1	0.1	4383.9
29	4,485	2.7	322.5	94	4,477.7	-15.6	-15.5	4.8	0.1	0.1	4477.7
30	4,578	1.8	317.5	93	4,570.7	-12.7	-12.7	2.4	-1.0	1.0	4570.7
31	4,671	1.4	316.5	93	4,663.6	-10.8	-10.8	0.7	-0.4	0.4	4663.6
32	4,764	1.1	324.4	93	4,756.6	-9.2	-9.2	-0.6	-0.3	0.4	4756.6
33	4,858	0.8	337.7	94	4,850.6	-7.8	-7.9	-1.4	-0.3	0.4	4850.6
34	4,944	0.6	3.4	86	4,936.6	-6.8	-6.9	-1.6	-0.2	0.4	4936.6
35	5,037	0.7	19.2	93	5,029.6	-5.8	-5.8	-1.4	0.1	0.2	5029.6
36	5,131	1.5	212.1	94	5,123.6	-6.3	-6.3	-1.8	0.9	2.3	5123.6
37	5,224	1.8	218.2	93	5,216.5	-8.4	-8.5	-3.4	0.3	0.4	5216.5
38	5,318	2.1	218.3	94	5,310.5	-10.8	-11.0	-5.4	0.3	0.3	5310.5
39	5,411	2.2	218.6	93	5,403.4	-13.5	-13.8	-7.5	0.1	0.1	5403.4
40	5,504	2.0	218.2	93	5,496.4	-16.1	-16.4	-9.7	-0.2	0.2	5496.4
41	5,597	2.2	217.1	93	5,589.3	-18.7	-19.1	-11.7	0.2	0.2	5589.3

ATTACHMENT E



# Stryker Energy Directional Services, LLC

## SURVEY CALCULATION REPORT Minimum Curvature Calculations

Bourne Oil Company  
 Lease Name: IBEX B30B Fed Com #1 H  
 API /Job Number: 30-025-44587 M181113  
 Comments: Tie-in to Stryker Directional Survey  
 Survey Company: Stryker Energy Services

Target KBTVD: 11,290  
 Target Angle: 90.00  
 Section Plane: 357.90  
 Declination Corrected to Grid: 6.32  
 Bit to Survey Offset: 57

Number	Measured Depth	Drift (Degrees)	Azimuth (Degrees)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	BUR	DLS	KBTVD
42	5,690	2.3	213.7	93	5,682.2	-21.6	-22.1	-13.9	0.1	0.2	5682.2
43	5,783	2.3	215.1	93	5,775.2	-24.6	-25.2	-16.0	0.0	0.1	5775.2
44	5,877	1.8	210.7	94	5,869.1	-27.3	-28.0	-17.8	-0.5	0.6	5869.1
45	5,970	1.8	210.0	93	5,962.0	-29.8	-30.5	-19.3	0.0	0.0	5962.0
46	6,063	2.0	230.7	93	6,055.0	-32.0	-32.8	-21.3	0.2	0.8	6055.0
47	6,157	1.9	234.7	94	6,148.9	-33.9	-34.8	-23.8	-0.1	0.2	6148.9
48	6,250	2.7	228.3	93	6,241.9	-36.1	-37.1	-26.7	0.9	0.9	6241.9
49	6,343	2.9	223.2	93	6,334.8	-39.2	-40.3	-29.9	0.2	0.3	6334.8
50	6,437	2.9	226.8	94	6,428.6	-42.4	-43.6	-33.3	0.0	0.2	6428.6
51	6,530	2.2	225.5	93	6,521.5	-45.1	-46.5	-36.3	-0.8	0.8	6521.5
52	6,624	2.6	222.8	94	6,615.5	-47.9	-49.3	-39.0	0.4	0.4	6615.5
53	6,717	2.4	220.1	93	6,708.4	-50.8	-52.4	-41.7	-0.2	0.2	6708.4
54	6,810	2.4	224.2	93	6,801.3	-53.6	-55.2	-44.3	0.0	0.2	6801.3
55	6,903	2.4	223.1	93	6,894.2	-56.3	-58.1	-47.0	0.0	0.0	6894.2
56	6,996	2.4	225.5	93	6,987.1	-59.0	-60.9	-49.7	0.0	0.1	6987.1
57	7,089	2.4	222.5	93	7,080.0	-61.7	-63.7	-52.4	0.0	0.1	7080.0
58	7,182	2.2	227.2	93	7,173.0	-64.2	-66.3	-55.1	-0.2	0.3	7173.0
59	7,275	1.8	242.8	93	7,265.9	-66.0	-68.2	-57.7	-0.4	0.7	7265.9
60	7,368	2.5	232.6	93	7,358.8	-67.8	-70.1	-60.6	0.8	0.9	7358.8
61	7,461	2.6	230.3	93	7,451.8	-70.3	-72.7	-63.8	0.1	0.2	7451.8
62	7,554	2.8	230.8	93	7,544.6	-72.9	-75.4	-67.2	0.2	0.2	7544.6
63	7,647	2.8	232.7	93	7,637.5	-75.6	-78.3	-70.8	0.0	0.1	7637.5
64	7,741	2.6	229.9	94	7,731.4	-78.2	-81.0	-74.2	-0.2	0.3	7731.4
65	7,834	2.4	233.1	93	7,824.3	-80.7	-83.6	-77.4	-0.2	0.3	7824.3
66	7,927	2.1	212.9	93	7,917.3	-83.2	-86.2	-79.9	-0.3	0.9	7917.3
67	8,019	2.0	210.8	92	8,009.2	-85.9	-88.9	-81.6	-0.1	0.1	8009.2
68	8,112	2.6	205.5	93	8,102.1	-89.1	-92.2	-83.4	0.6	0.7	8102.1
69	8,205	2.3	206.0	93	8,195.1	-92.6	-95.8	-85.1	-0.3	0.3	8195.1
70	8,298	2.0	202.5	93	8,288.0	-95.8	-99.0	-86.5	-0.3	0.4	8288.0
71	8,391	2.4	214.2	93	8,380.9	-98.8	-102.1	-88.2	0.4	0.6	8380.9
72	8,484	2.5	213.5	93	8,473.8	-102.0	-105.4	-90.5	0.1	0.1	8473.8
73	8,578	2.5	210.4	94	8,567.7	-105.4	-108.9	-92.6	0.0	0.1	8567.7
74	8,671	2.9	221.7	93	8,660.6	-108.8	-112.4	-95.2	0.4	0.7	8660.6
75	8,764	2.2	223.7	93	8,753.5	-111.8	-115.4	-98.0	-0.8	0.8	8753.5
76	8,857	1.8	223.7	93	8,846.5	-114.0	-117.8	-100.3	-0.4	0.4	8846.5
77	8,951	2.6	218.6	94	8,940.4	-116.7	-120.5	-102.6	0.9	0.9	8940.4
78	9,044	3.0	221.9	93	9,033.3	-120.0	-124.0	-105.5	0.4	0.5	9033.3
79	9,137	3.3	213.9	93	9,126.2	-123.9	-128.0	-108.7	0.3	0.6	9126.2
80	9,231	3.1	213.1	94	9,220.0	-128.2	-132.4	-111.6	-0.2	0.2	9220.0
81	9,324	2.9	218.8	93	9,312.9	-132.0	-136.3	-114.4	-0.2	0.4	9312.9
82	9,416	2.9	203.2	92	9,404.8	-135.9	-140.3	-116.8	0.0	0.9	9404.8
83	9,510	2.6	213.0	94	9,498.7	-139.8	-144.3	-118.9	-0.3	0.6	9498.7



# Stryker Energy Directional Services, LLC

## SURVEY CALCULATION REPORT Minimum Curvature Calculations

Bourne Oil Company  
 Lease Name: IBEX B30B Fed Com #1 H  
 API /Job Number: 30-025-44587 M181113  
 Comments: Tie-in to Stryker Directional Survey  
 Survey Company: Stryker Energy Services

Target KBTVD: 11,290  
 Target Angle: 90.00  
 Section Plane: 357.90  
 Declination Corrected to Grid: 6.32  
 Bit to Survey Offset: 57

Number	Measured Depth	Drift (Degrees)	Azimuth (Degrees)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	BUR	DLS	KBTVD
84	9,603	2.5	209.3	93	9,591.6	-143.3	-147.8	-121.0	-0.1	0.2	9591.6
85	9,696	2.5	208.9	93	9,684.5	-146.7	-151.3	-123.0	0.0	0.0	9684.5
86	9,789	2.2	212.3	93	9,777.4	-149.9	-154.6	-124.9	-0.3	0.4	9777.4
87	9,882	2.7	209.1	93	9,870.3	-153.3	-158.0	-126.9	0.5	0.6	9870.3
88	9,975	2.3	206.8	93	9,963.2	-156.8	-161.6	-128.9	-0.4	0.4	9963.2
89	10,068	2.1	203.4	93	10,056.2	-160.0	-164.9	-130.4	-0.2	0.3	10056.2
90	10,161	2.4	212.5	93	10,149.1	-163.1	-168.1	-132.1	0.3	0.5	10149.1
91	10,254	2.5	213.3	93	10,242.0	-166.4	-171.4	-134.3	0.1	0.1	10242.0
92	10,347	2.4	205.0	93	10,334.9	-169.8	-174.9	-136.2	-0.1	0.4	10334.9
93	10,440	1.8	193.0	93	10,427.9	-172.9	-178.0	-137.3	-0.6	0.8	10427.9
94	10,533	1.1	204.5	93	10,520.8	-175.1	-180.3	-138.0	-0.8	0.8	10520.8
95	10,627	1.4	207.5	94	10,614.8	-176.9	-182.1	-138.9	0.3	0.3	10614.8
96	10,720	1.2	197.0	93	10,707.8	-178.8	-184.1	-139.8	-0.2	0.3	10707.8
97	10,750	1.1	195.2	30	10,737.8	-179.4	-184.6	-139.9	-0.3	0.4	10737.8
98	10,800	0.7	205.2	50	10,787.8	-180.1	-185.4	-140.2	-0.8	0.9	10787.8
99	10,831	2.6	31.2	31	10,818.8	-179.7	-184.9	-139.9	6.1	10.6	10818.8
100	10,862	6.7	15.8	31	10,849.7	-177.4	-182.6	-139.0	13.2	13.7	10849.7
101	10,893	10.2	11.3	31	10,880.3	-173.0	-178.2	-138.0	11.3	11.5	10880.3
102	10,924	14.5	9.5	31	10,910.6	-166.5	-171.7	-136.8	13.9	13.9	10910.6
103	10,955	17.9	8.1	31	10,940.4	-158.0	-163.1	-135.5	11.0	11.0	10940.4
104	10,986	21.1	6.7	31	10,969.6	-147.8	-152.8	-134.2	10.3	10.4	10969.6
105	11,017	25.9	4.0	31	10,998.0	-135.6	-140.5	-133.1	15.5	15.9	10998.0
106	11,048	30.4	3.1	31	11,025.3	-121.0	-125.9	-132.2	14.5	14.6	11025.3
107	11,079	34.3	2.5	31	11,051.5	-104.5	-109.4	-131.4	12.6	12.6	11051.5
108	11,110	39.1	0.8	31	11,076.4	-86.0	-90.9	-130.9	15.5	15.8	11076.4
109	11,141	43.9	0.0	31	11,099.6	-65.5	-70.3	-130.7	15.5	15.6	11099.6
110	11,172	48.3	359.4	31	11,121.1	-43.2	-48.0	-130.8	14.2	14.3	11121.1
111	11,203	52.7	358.5	31	11,140.8	-19.3	-24.1	-131.3	14.2	14.4	11140.8
112	11,234	55.9	358.2	31	11,158.9	5.9	1.1	-132.0	10.3	10.4	11158.9
113	11,265	58.2	358.0	31	11,175.7	31.9	27.1	-132.9	7.4	7.4	11175.7
114	11,296	61.1	358.0	31	11,191.4	58.7	53.8	-133.8	9.4	9.4	11191.4
115	11,327	64.1	358.3	31	11,205.6	86.2	81.3	-134.7	9.7	9.7	11205.6
116	11,354	65.8	359.1	27	11,217.1	110.6	105.8	-135.2	6.3	6.8	11217.1
117	11,425	70.9	358.3	71	11,243.3	176.6	171.7	-136.7	7.2	7.3	11243.3
118	11,456	73.5	357.4	31	11,252.7	206.1	201.2	-137.9	8.4	8.8	11252.7
119	11,487	76.0	357.0	31	11,260.9	236.0	231.1	-139.3	8.1	8.2	11260.9
120	11,518	78.1	356.7	31	11,267.8	266.2	261.2	-141.0	6.8	6.8	11267.8
121	11,549	80.6	355.8	31	11,273.6	296.7	291.6	-143.0	8.1	8.6	11273.6
122	11,581	83.6	356.7	32	11,278.0	328.4	323.3	-145.0	9.4	9.8	11278.0
123	11,612	86.8	357.4	31	11,280.6	359.2	354.1	-146.6	10.3	10.6	11280.6
124	11,643	89.3	357.8	31	11,281.6	390.2	385.1	-147.9	8.1	8.2	11281.6
125	11,737	90.2	357.7	94	11,282.0	484.2	479.0	-151.6	1.0	1.0	11282.0





# Stryker Energy Directional Services, LLC

## SURVEY CALCULATION REPORT Minimum Curvature Calculations

Bourne Oil Company  
 Lease Name: IBEX B30B Fed Com #1 H  
 API /Job Number: 30-025-44587 M181113  
 Comments: Tie-in to Stryker Directional Survey  
 Survey Company: Stryker Energy Services

Target KBTVD: 11,290  
 Target Angle: 90.00  
 Section Plane: 357.90  
 Declination Corrected to Grid: 6.32  
 Bit to Survey Offset: 57

Number	Measured Depth	Drift (Degrees)	Azimuth (Degrees)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	BUR	DLS	KBTVD
126	11,831	90.2	358.4	94	11,281.7	578.2	572.9	-154.8	0.0	0.7	11281.7
127	11,924	90.5	358.8	93	11,281.1	671.2	665.9	-157.1	0.3	0.5	11281.1
128	12,017	90.4	0.1	93	11,280.4	764.2	758.9	-158.0	-0.1	1.4	11280.4
129	12,111	90.7	1.4	94	11,279.5	858.0	852.9	-156.8	0.3	1.4	11279.5
130	12,205	88.7	1.7	94	11,280.0	951.8	946.8	-154.2	-2.1	2.2	11280.0
131	12,298	89.0	2.6	93	11,281.8	1,044.6	1,039.7	-150.7	0.3	1.0	11281.8
132	12,391	88.2	0.9	93	11,284.1	1,137.3	1,132.6	-147.9	-0.9	2.0	11284.1
133	12,485	89.3	357.7	94	11,286.2	1,231.2	1,226.6	-149.0	1.2	3.6	11286.2
134	12,578	88.1	356.5	93	11,288.3	1,324.2	1,319.4	-153.7	-1.3	1.8	11288.3
135	12,672	91.2	356.7	94	11,288.9	1,418.2	1,413.3	-159.3	3.3	3.3	11288.9
136	12,765	92.1	356.8	93	11,286.2	1,511.1	1,506.1	-164.6	1.0	1.0	11286.2
137	12,859	93.1	358.9	94	11,281.9	1,605.0	1,599.9	-168.1	1.1	2.5	11281.9
138	12,952	89.3	359.6	93	11,280.0	1,697.9	1,692.8	-169.3	-4.1	4.2	11280.0
139	13,046	88.7	0.0	94	11,281.6	1,791.8	1,786.8	-169.6	-0.6	0.8	11281.6
140	13,140	88.3	359.8	94	11,284.1	1,885.7	1,880.8	-169.8	-0.4	0.5	11284.1
141	13,233	91.8	359.8	93	11,284.0	1,978.7	1,973.8	-170.1	3.8	3.8	11284.0
142	13,327	87.0	359.8	94	11,285.0	2,072.5	2,067.7	-170.5	-5.1	5.1	11285.0
143	13,421	87.8	0.4	94	11,289.2	2,166.4	2,161.6	-170.3	0.9	1.1	11289.2
144	13,514	88.9	0.8	93	11,291.9	2,259.2	2,254.5	-169.3	1.2	1.3	11291.9
145	13,607	89.9	0.7	93	11,292.9	2,352.1	2,347.5	-168.1	1.1	1.1	11292.9
146	13,701	91.3	0.5	94	11,291.9	2,446.0	2,441.5	-167.1	1.5	1.5	11291.9
147	13,794	90.6	1.0	93	11,290.4	2,538.9	2,534.5	-165.9	-0.8	0.9	11290.4
148	13,888	90.9	0.9	94	11,289.1	2,632.7	2,628.5	-164.3	0.3	0.3	11289.1
149	13,982	88.8	359.6	94	11,289.4	2,726.6	2,722.4	-163.9	-2.2	2.6	11289.4
150	14,076	88.7	359.4	94	11,291.4	2,820.6	2,816.4	-164.8	-0.1	0.2	11291.4
151	14,171	88.8	359.1	95	11,293.5	2,915.5	2,911.4	-166.0	0.1	0.3	11293.5
152	14,264	88.7	358.4	93	11,295.5	3,008.5	3,004.3	-168.0	-0.1	0.8	11295.5
153	14,358	89.5	357.7	94	11,297.0	3,102.5	3,098.3	-171.2	0.9	1.1	11297.0
154	14,452	90.2	358.6	94	11,297.3	3,196.5	3,192.2	-174.3	0.7	1.2	11297.3
155	14,547	91.1	358.2	95	11,296.2	3,291.5	3,287.2	-176.9	0.9	1.0	11296.2
156	14,641	91.7	358.8	94	11,293.9	3,385.4	3,381.1	-179.4	0.6	0.9	11293.9
157	14,734	90.4	358.9	93	11,292.2	3,478.4	3,474.1	-181.2	-1.4	1.4	11292.2
158	14,828	91.0	359.0	94	11,291.0	3,572.4	3,568.1	-183.0	0.6	0.6	11291.0
159	14,922	89.8	357.7	94	11,290.4	3,666.3	3,662.0	-185.7	-1.3	1.9	11290.4
160	15,016	90.6	358.2	94	11,290.0	3,760.3	3,755.9	-189.0	0.9	1.0	11290.0
161	15,110	89.4	358.2	94	11,290.0	3,854.3	3,849.9	-192.0	-1.3	1.3	11290.0
162	15,204	88.1	358.1	94	11,292.1	3,948.3	3,943.8	-195.0	-1.4	1.4	11292.1
163	15,297	90.1	0.0	93	11,293.6	4,041.3	4,036.8	-196.6	2.2	3.0	11293.6
164	15,391	89.6	0.0	94	11,293.8	4,135.2	4,130.8	-196.6	-0.5	0.5	11293.8
165	15,485	92.2	1.7	94	11,292.3	4,229.1	4,224.7	-195.2	2.8	3.3	11292.3
166	15,579	90.6	2.6	94	11,290.0	4,322.8	4,318.6	-191.6	-1.7	2.0	11290.0
167	15,673	90.8	3.0	94	11,288.9	4,416.4	4,412.5	-187.0	0.2	0.5	11288.9



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 Comments: Tie-in to Stryker Directional Survey  
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Target KBTVD: 11,290  
 Target Angle: 90.00  
 Section Plane: 357.90  
 Declination Corrected to Grid: 6.32  
 Bit to Survey Offset: 57

Number	Measured Depth	Drift (Degrees)	Azimuth (Degrees)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	BUR	DLS	KBTVD
168	15,768	88.8	2.6	95	11,289.2	4,511.0	4,507.4	-182.4	-2.1	2.1	11289.2
169	15,861	87.6	1.8	93	11,292.1	4,603.7	4,600.3	-178.8	-1.3	1.6	11292.1
170	15,955	87.6	0.7	94	11,296.1	4,697.5	4,694.2	-176.8	0.0	1.2	11296.1
171	16,049	89.0	1.3	94	11,298.9	4,791.3	4,788.1	-175.2	1.5	1.6	11298.9
172	16,143	90.9	1.5	94	11,298.9	4,885.1	4,882.1	-172.9	2.0	2.0	11298.9
173	16,237	92.7	2.1	94	11,296.0	4,978.8	4,976.0	-169.9	1.9	2.0	11296.0
174	16,331	92.3	1.6	94	11,291.9	5,072.5	5,069.8	-166.9	-0.4	0.7	11291.9
175	16,425	92.4	1.3	94	11,288.0	5,166.3	5,163.7	-164.5	0.1	0.3	11288.0
176	16,519	89.3	359.6	94	11,286.6	5,260.1	5,257.7	-163.8	-3.3	3.8	11286.6
177	16,568	89.2	359.7	49	11,287.3	5,309.1	5,306.7	-164.1	-0.2	0.3	11287.3
TD	16,625	89.2	359.7	57	11,288.1	5,366.1	5,363.6	-164.4	0.0	0.0	11288.1