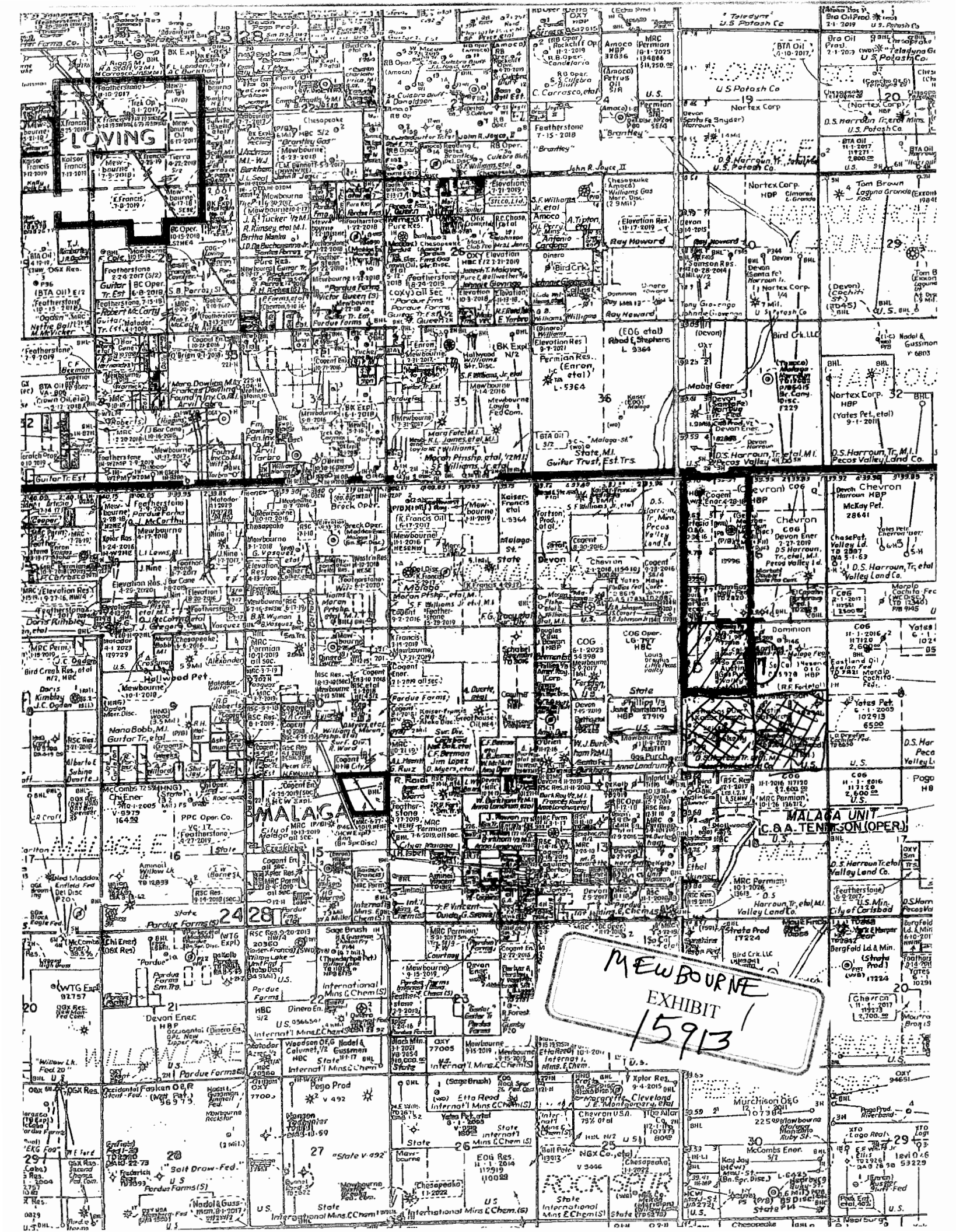




TRACT OWNERSHIP
Pecos Valley 7-6 W2ED Fed Com #1H
NW/4 of Section 7 & W/2 of Section 6, T24S, R29E
Eddy County, New Mexico

NW/4 of Section 7 & W/2 of Section 6:
Wolfcamp formation:

	<u>% Leasehold Interest</u>
Mewbourne Oil Company 500 West Texas, Ste. 1020 Midland, Texas 79701	39.568737%
Chevron U.S.A. Inc. 1400 Smith Street Houston, Texas 77002	18.932090%
Devon Energy Production Company, L.P. 333 West Sheridan Avenue Oklahoma City, OK 73102	16.355385%
*Hold The Door, L.P. 6824 Island Circle Midland, TX 79707	15.730032%
COG Operating LLC 600 W. Illinois Ave. Midland, TX 79701	5.341644%
Occidental Permian Limited Partnership P.O. Box 4294 Houston, TX 77210-4294	3.432120%
Concho Oil & Gas LLC 600 W. Illinois Ave. Midland, TX 79701	0.357643%
Scott E. Wilson Bypass Trust 4601 Mirador Drive Austin, TX 78735	<u>0.282349%</u> 100.000000%

No inlocatable
8000/800

EXHIBIT 2

***Total interest being pooled: 15.730032%**

Summary of Communications
Pecos Valley 7-6 W2ED Fed Com #1H

Hold The Door, L.P.

- 1) Mailed well proposal letter with AFE via certified mail dated 9-20-2017.
- 2) Received green card signed by Randall Cate dated 9-22-2017.
- 3) 11-6-2017, emailed Mr. Cate to discuss Pecos Valley 7-6 Prospect and another operating agreement within the contract area of Mewbourne's proposed operating agreement. He emailed me back 11-13-2017, discussing the other operating agreement within the contract area of Mewbourne's proposed operating agreement.
- 4) 11-13-2017, I responded to the last correspondence with Mr. Cate again discussing other operating agreements within the contract area of Mewbourne's proposed operating agreement.
- 5) 11-22-2017, I emailed Mr. Cate to ask if he was available to discuss Pecos Valley 7-6 Prospect.
- 6) 11-22-2017, Mr. Cate contacted me via phone and we discussed Pecos Valley 7-6 W2ED Fed Com #1H well proposal, AFE, and Operating Agreement as well as participation in the well. I also asked if Hold The Door, L.P. would be willing to Term Assign regarding his interest.

*Since my last communication with Mr. Cate regarding the Pecos Valley 7-6 W2ED Fed Com #1H well proposal, I have not received any correspondence.

EXHIBIT 3

Tyler Jolly

From: Tyler Jolly
Sent: Monday, November 13, 2017 1:52 PM
To: 'Randy Cate'
Cc: Patrick J. Tower
Subject: RE: RE: Pecos Valley 7-6 Prospect

It appears that the Operating Agreement covering the E/2 is in effect.

Tyler Jolly
Mewbourne Oil Company
500 West Texas, Suite 1020,
Midland, TX 79701
Ph: 432-682-3715 / Fax: 432-685-4170

From: Randy Cate [mailto:guardian_op@yahoo.com]
Sent: Monday, November 13, 2017 12:40 PM
To: Tyler Jolly
Cc: Patrick J. Tower
Subject: Re: RE: Pecos Valley 7-6 Prospect

Tyler,
Not necessarily. Are you claiming that the JOA is in affect? Can you shoot us a copy to compare what we have in our files?

Randy Cate
RSC Resources, L.P.
Guardian Operating Corp.
432-553-1849

On Monday, November 6, 2017, 2:58:59 PM CST, Tyler Jolly <tjolly@mewbourne.com> wrote:

Mr. Cate,

As to the E/2 of Section 6, I see your term assignments from Roden Participants Ltd., et al. and Mid-Continent Energy, Inc.. There is an Operating Agreement covering the E/2 of Section 6 dated August 1, 2008 with Marbob as Operator and Devon has since taken over operations. Are you claiming an interest in the Operating Agreement dated August 1, 2008 with Marbob as Operator in the E/2?

Thanks,

Tyler Jolly

Mewbourne Oil Company

500 West Texas, Suite 1020,

Midland, TX 79701

Ph: 432-682-3715 / Fax: 432-685-4170

From: Guardian [mailto:guardian_op@yahoo.com]

Sent: Wednesday, August 23, 2017 9:42 PM

To: Tyler Jolly

Subject: Re: Pecos Valley 7-6 Prospect

Tyler,

Thanks for the proposal. At this time I cannot support the 960 acre unit, but perhaps a unit that includes our interests in the E2 6 will work. As you know our W2 is under a JOA naming Chevron operator. Have you received a response from them? Thanks and call me to discuss if you wish.

Randy

Sent from my iPad

On Aug 15, 2017, at 11:15 AM, Tyler Jolly <tjolly@mewbourne.com> wrote:

Mr. Cate,

Please see the attached Well Proposal and AFE for the our Pecos Valley 7-6 W2HA Fed Com #1H well.

The Operating Agreement is being sent in the mail along with hard copies of the proposal and AFE.

Please contact me if you have any questions or need additional information.

Tyler Jolly

Mewbourne Oil Company

Landman

500 West Texas, Suite 1020,

Midland, TX 79701

Ph: 432-682-3715 / Fax: 432-685-4170

<(Hold The Door, L.P.) Pecos Valley 7-6 W2HA Fed Com #1H Well Proposal.pdf>

<(Hold The Door, L.P.) AFE Pecos Valley.pdf>

Tyler Jolly

From: Tyler Jolly
Sent: Wednesday, November 22, 2017 8:16 AM
To: 'Randy Cate'
Subject: RE: RE: Pecos Valley 7-6 Prospect

Randy,

Do you have time today to talk about the Pecos Valley? I might be out this afternoon, but I will be in the office this morning.

Tyler Jolly
Mewbourne Oil Company
500 West Texas, Suite 1020,
Midland, TX 79701
Ph: 432-682-3715 / Fax: 432-685-4170

From: Randy Cate [mailto:guardian_op@yahoo.com]
Sent: Tuesday, November 14, 2017 3:39 PM
To: Tyler Jolly; Patrick J Tower
Subject: Re: RE: Pecos Valley 7-6 Prospect

Tyler, Pat is a WI partner via private letter agreement, but if you can send it to me that will be fine. Thanks

Randy Cate
RSC Resources, L.P.
Guardian Operating Corp.
432-553-1849

On Tuesday, November 14, 2017, 3:27:24 PM CST, Patrick J Tower <patrickjtower@gmail.com> wrote:

I know RSC has the record title however I am a WI partner with him. I didn't think Mewbourne was a Party either. How is Mewbourne privy to this Contract?

Patrick

On Tue, Nov 14, 2017 at 3:16 PM, Tyler Jolly <tjolly@mewbourne.com> wrote:

Patrick,

Because you do not have an interest in the Operating Agreement, I cannot disclose this confidential information.

Tyler Jolly

Mewbourne Oil Company

500 West Texas, Suite 1020,

Midland, TX 79701

Ph: 432-682-3715 / Fax: 432-685-4170

From: Patrick J Tower [mailto:patrickjtower@gmail.com]

Sent: Monday, November 13, 2017 3:08 PM

To: Tyler Jolly

Cc: Randy Cate

Subject: Re: RE: Pecos Valley 7-6 Prospect

Tyler,

I am working with Randy on this deal. Can you email me a copy of the 2008 Marbob JOA for our review.

Thanks,

Patrick

Patrick J. Tower

President

PJT ENERGY, INC.

PT RESOURCES, LP

1904 Western Drive

Midland, TX 79705

(432) 556-3428

patrickjtower@gmail.com

On Mon, Nov 13, 2017 at 1:52 PM, Tyler Jolly <tjolly@mewbourne.com> wrote:

It appears that the Operating Agreement covering the E/2 is in effect.

Tyler Jolly

Mewbourne Oil Company

500 West Texas, Suite 1020,

Midland, TX 79701

Ph: 432-682-3715 / Fax: 432-685-4170

From: Randy Cate [mailto:guardian_op@yahoo.com]

Sent: Monday, November 13, 2017 12:40 PM

To: Tyler Jolly

Cc: Patrick J. Tower

Subject: Re: RE: Pecos Valley 7-6 Prospect

Tyler,

Not necessarily. Are you claiming that the JOA is in affect? Can you shoot us a copy to compare what we have in our files?

Randy Cate

RSC Resources, L.P.

Guardian Operating Corp.

432-553-1849

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Mr. Cate,

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Mewbourne Oil Company

500 West Texas, Suite 1020.

Midland, TX 79701

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Sent: Wednesday, August 23, 2017 9:42 PM

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Randy

Sent from my iPad

On Aug 15, 2017, at 11:15 AM, Tyler Jolly <tjolly@mewbourne.com> wrote:

Mr. Cate,

Please see the attached Well Proposal and AFE for the our Pecos Valley 7-6 W2HA Fed Com #1H well.

The Operating Agreement is being sent in the mail along with hard copies of the proposal and AFE.

Please contact me if you have any questions or need additional information.

Tyler Jolly

Mewbourne Oil Company

Landman

500 West Texas, Suite 1020,

Midland, TX 79701

Ph: 432-682-3715 / Fax: 432-685-4170

<(Hold The Door, L.P.) Pecos Valley 7-6 W2HA Fed Com #1H Well Proposal.pdf>

<(Hold The Door, L.P.) AFE Pecos Valley.pdf>

MEWBOURNE OIL COMPANY

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

September 20, 2017

Via Certified Mail

Hold The Door, L.P.
6824 Island Circle
Midland, TX 79707
Attn: Randy Cate

Re: Pecos Valley 7-6 W2ED Fed Com #1H
2450' FSL & 250' FWL Section 7 (SL)
330' FNL & 330' FWL Section 6 (BHL)
NW/4 of Section 7 & W/2 of Section 6
T24S, R29E, Eddy County, New Mexico

Mr. Cate:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 958.01 acre Working Interest Unit ("WIU") covering the N/2 of the referenced Section 7 and All of the referenced Section 6 for oil and gas production. Apparently Hold The Door, L.P. ("Hold The Door") owns 12.820453% interest in the Lots 3-7 and the E/2SW/4 (35.74 net acres) subject to Operating Agreement dated April 1, 1981, between Getty Oil Company, as Operator, and Amoco Production Company, et al, as Non-Operators and 98.66667% interest in the SE/4NW/4 (39.47 net acres) of the referenced Section 6. Accordingly, Hold The Door would own 7.850649% working interest in the proposed WIU ($12.820453\% \text{ interest} \times 278.77 \text{ gross acres} = 35.74 \text{ net acres} + 98.66667\% \text{ interest} \times 40.00 \text{ gross acres} = 39.47 \text{ net acres}$, 75.21 total net acres/ 958.01 unit acres = 7.850649% interest in the WIU).

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the referenced 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 10,800 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,800 feet. The NW/4 of the referenced Section 7 and the W/2 of the referenced Section 6 will be dedicated to the well as the proration unit.

Regarding the above enclosed for your further handling is our AFE dated August 31, 2017 for the above referenced proposed well. In the event Hold The Door elects to participate in the proposed WIU and well, please execute the enclosed AFE and return to me within thirty (30) days.

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

Very truly yours,

MEWBOURNE OIL COMPANY



Tyler Jolly
Landman

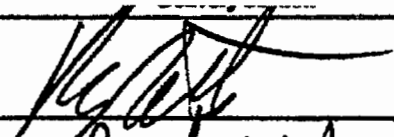


Date: September 22, 2017

Simple Certified:

The following is in response to your September 22, 2017 request for delivery information on your Certified Mail™/RRE item number 9414810699945025796079. The delivery record shows that this item was delivered on September 22, 2017 at 12:10 pm in MIDLAND, TX 79707. The scanned image of the recipient information is provided below.

Signature of Recipient :

Signature X	
Printed Name	Randy Cate

Address of Recipient :

Delivery Address	6824 Island Cir
------------------	-----------------

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

Randy Cate
Hold The Door, L.P.
6824 ISLAND CIR
MIDLAND, TX 79707
Reference #: Pecos Valley 7/6 W2ED No1H
Item ID: Pecos Valley 7 6 W2ED No1H

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name:	Pecos Valley 7-6 W2ED Fed Com #1H	Prospect:	Wolfcamp										
Location:	SL: 2450' FSL & 250' FWL (sec 7); BHL: 330' FNL & 330' FWL (sec 6)	County:	Eddy	ST:	NM								
Sec:	7/6	Blk:		Survey:		TWP:	24S	RNG:	29E	Prop. TVD:	10800	TMD:	18800

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$15,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$60,000	0180-0205	\$10,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$75,000
Daywork / Turnkey / Footage Drilling	30 days drlg / 4 days comp @ \$19,000/d	0180-0110	\$605,700	0180-0210	\$80,800
Fuel	1500 gal/day @ \$1.89/gal	0180-0114	\$102,500		
Mud, Chemical & Additives		0180-0120	\$200,000	0180-0220	
Horizontal Drillout Services				0180-0222	\$100,000
Cementing		0180-0125	\$80,000	0180-0225	\$30,000
Logging & Wireline Services		0180-0130		0180-0230	\$280,000
Casing / Tubing / Snubbing Service	Coil Tbg / Toe Prep	0180-0134	\$20,000	0180-0234	\$50,000
Mud Logging		0180-0137	\$25,000		
Stimulation	45 Stg 18.3 MM gal x 18.3 MM #			0180-0241	\$2,910,000
Stimulation Rentals & Other				0180-0242	\$100,000
Water & Other		0180-0145	\$40,000	0180-0245	\$585,000
Bits		0180-0148	\$80,000	0180-0248	\$4,000
Inspection & Repair Services		0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$5,000
Testing & Flowback Services		0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig				0180-0260	
Rig Mobilization		0180-0164	\$80,000		
Transportation		0180-0165	\$20,000	0180-0265	\$15,000
Welding Services		0180-0168	\$5,000	0180-0268	\$5,000
Contract Services & Supervision		0180-0170		0180-0270	\$27,000
Directional Services	Includes Vertical control	0180-0175	\$223,200		
Equipment Rental		0180-0180	\$207,200	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,800	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190		0180-0290	
ROW & Easements		0180-0192		0180-0292	\$2,500
Pipeline Interconnect				0180-0293	
Company Supervision		0180-0195	\$151,900	0180-0295	\$74,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies	10% (TCP) 10% (CC)	0180-0199	\$219,900	0180-0299	\$443,000
TOTAL			\$2,419,200		\$4,872,700
TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	570' - 13 3/8" 54.5# J-55 ST&C @ \$35.71/ft	0181-0794	\$21,700		
Casing (8.1" - 10.0")	3025' - 9 5/8" 40# N-80 LT&C @ \$29.98/ft	0181-0795	\$96,400		
Casing (6.1" - 8.0")	11050' - 7" 29# P-110 LT&C @ \$27.76/ft	0181-0796	\$326,000		
Casing (4.1" - 6.0")	8600' - 4 1/2" 13.5# P-110 BPN @ \$13.66/ft			0181-0797	\$125,000
Tubing (2" - 4")				0181-0798	
Drilling Head		0181-0860	\$40,000		
Tubing Head & Upper Section	10k Frac valve and tree			0181-0870	\$48,000
Horizontal Completion Tools				0181-0871	\$44,000
Sucker Rods				0181-0875	
Subsurface Equipment				0181-0880	
Artificial Lift Systems				0181-0884	
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers				0181-0886	\$60,000
Tanks - Oil				0181-0890	\$45,000
Tanks - Water				0181-0891	\$48,000
Separation / Treating Equipment				0181-0895	\$50,000
Heater Treaters, Line Heaters				0181-0897	\$15,000
Metering Equipment				0181-0898	\$6,000
Line Pipe & Valves - Gathering				0181-0900	\$65,000
Fittings / Valves & Accessories				0181-0906	\$70,000
Cathodic Protection				0181-0908	\$6,000
Electrical Installation				0181-0909	\$75,000
Equipment Installation				0181-0910	\$50,000
Pipeline Construction				0181-0920	\$18,000
TOTAL			\$484,100		\$725,000
SUBTOTAL			\$2,903,300		\$5,597,700
TOTAL WELL COST			\$8,501,000		

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:	R. Terrell	Date:	8/31/2017
Company Approval:	<i>m. whitlock</i>	Date:	
Joint Owner Interest:	Amount:	Signature: 	
Joint Owner Name:			

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

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

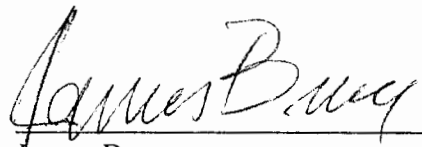
Case No. 15913

AFFIDAVIT OF NOTICE

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

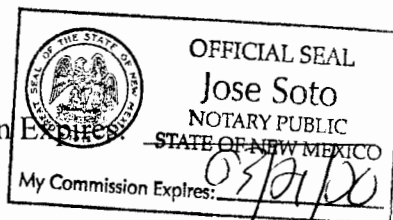
James Bruce, being duly sworn upon his oath, deposes and states:

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 last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules NMAC 19.15.4.9 and 19.15.4.12.C.


James Bruce

SUBSCRIBED AND SWORN TO before me this 20 day of December, 2017 by
James Bruce.

My Commission Expires:



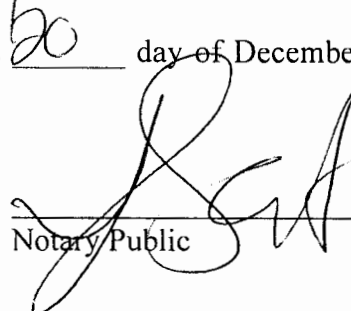

Notary Public

EXHIBIT 5

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

November 29, 2017

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

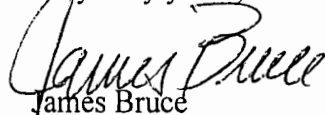
Ladies and gentlemen:

Enclosed is a copy of an application for a non-standard unit and compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding a Wolfcamp well in the W/2 of Section 6 and the NW/4 of Section 7, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, December 21, 2017, 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 who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, December 14, 2017. 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 his or her 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

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

ATTACHMENT

A

EXHIBIT

A

Hold The Door, L.P.
6824 Island Circle
Midland, TX 79707
Attn: Randy Cate

J.M. Mineral Land & Co., Inc.
P.O. Box 1015
Midland, TX 79702
Attn: Jon Morgan

Magnolia Royalty Company, Inc.
P.O. Box 10703
Midland, Texas 79702
Attn: John Norwood

Herman Clifford Walker, III
P.O. Box 10135
Midland, Texas 79702

Eric D. Boyt
P.O. Box 2602
Midland, Texas 79702

7017 0190 0000 8402 5501

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$	Postmark Here
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 Hold The Door, L.P. Street and Apt. No., or P.O. Box 6824 Island Circle Midland, TX 79707 City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Danny Fletcher, being first duly
sworn, on oath says:

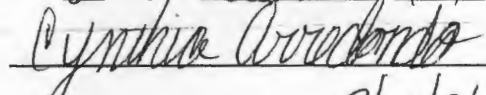
That he is the Publisher of the
Carlsbad Current-Argus, a
newspaper published daily at the
City of Carlsbad, in said county of
Eddy, state of New Mexico and of
general paid circulation in said
county; that the same is a duly
qualified newspaper under the laws
of the State wherein legal notices
and advertisements 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 on the date as follows, to wit:

December 6 2017

That the cost of publication is **\$98.16**
and that payment thereof has been
made and will be assessed as court
costs.

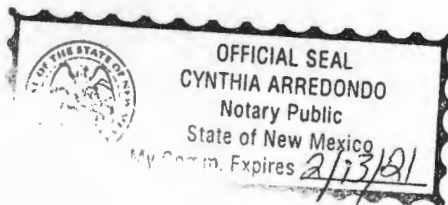


Subscribed and sworn to before me
this 6 day of December, 2017



My commission Expires 2/13/21

Notary Public



December 6, 2017

**PROPOSED
ADVERTISEMENT**

To: Hold the Door,
L.P., J.M. Mineral Land
& Co., Inc., Magnolia
Royalty Company,
Inc., Herman Clifford
Walker, III, and Eric D.
Boyt, or your heirs,
devisees, successors,
or assigns:
Mewbourne Oil Com-
pany seeks an order
approving a 478.13
acre non-standard
spacing and proration
unit in the Wolfcamp
formation underlying
Lots 3-7, SE/4NW/4,
and E/2SW/4 (the
W/2) of Section 6 and
Lots 1, 2, and
E/2NW/4 (the NW/4)
of Section 7, Town-
ship 24 South, Range
29 East, NMPM, Eddy
County, New Mexico,
and pooling all mineral
interests in the
Wolfcamp formation
underlying the non-
standard spacing and
proration unit. The
unit will be dedicated
to the Pecos Valley
W2ED Fed. Com. Well
No. 1H, a horizontal
well with a surface lo-
cation in Lot 3 of Sec-
tion 7, and a terminus
in Lot 4 of Section 6.
The producing interval
will be orthodox. 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 operat-
ing costs and charges
for supervision, desig-
nation of applicant as
operator of the well,
and a 200% charge
for the risk involved in
drilling and complet-
ing the well. The appli-
cation is scheduled to
be heard at 8:15 a.m.
on December 21, 2017
at the Division's offi-
ces 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 at-
torney for applicant is

James Bruce, P.O. Box
1056, Santa Fe, New
Mexico 87504. The
unit is located approx-
imately 3 miles north-
east of Malaga, New
Mexico.

EXHIBIT 6

Offset Operators and Working Interest Owners

Section 36-23S-28E

Kaiser-Francis Oil Company
Chevron U.S.A. Inc.

Section 31-23S-29E

Devon Energy Production Company, L.P.

Section 32-23S-29E

Chevron U.S.A. Inc.
Marathon Oil Permian LLC

Section 5

Chevron U.S.A. Inc.
EOG A Resources, Inc.
EOG M Resources, Inc.
EOG Y Resources, Inc.

Section 8

EOG A Resources, Inc.
EOG M Resources, Inc.
EOG Y Resources, Inc.
COG Operating LLC
Concho Oil & Gas, LLC
OXY USA Inc.
OXY Y-1 Company

S/2 Section 7

OXY USA Inc.

Section 12-24S-28E

Mewbourne Oil Company
COG Operating LLC
MRC Permian Company

Section 1-24S-28E

Kaiser-Francis Oil Company
Matador Production Company

E/2 Section 6 and NE/4 Section 7

Mewbourne Oil Company

EXHIBIT 7

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

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

Case No. 15913

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

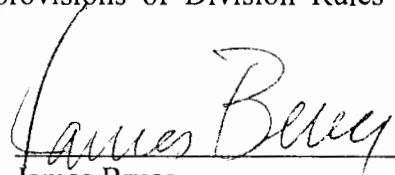
Case No. 15914

AFFIDAVIT OF NOTICE

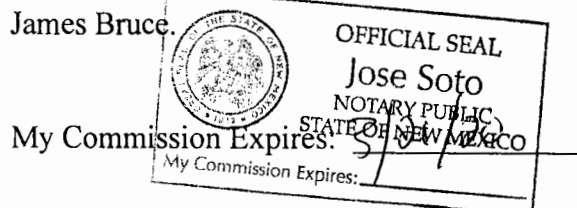
COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

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

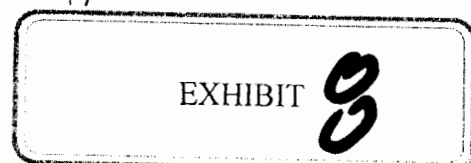
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the offset operators or interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the offsets by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules NMAC 19.15.4.9 and 19.15.4.12.C.


James Bruce

SUBSCRIBED AND SWORN TO before me this 20 day of October, 2017 by
James Bruce.




Notary Public



JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

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

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

jamesbruc@aol.com

November 30, 2017

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of two applications for a non-standard oil and spacing and proration unit, *etc.*, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding:

1. Case No. 15913, for compulsory pooling, regarding the Pecos Valley 7/6 W2ED Fed. Com. Well No. 1H, a Wolfcamp well in the W/2 of Section 6 and NW/4 of Section 7; and
2. Case No. 15914, for compulsory pooling, regarding the Pecos Valley 7/6 W2HA Fed. Com. Well No. 1H, a Wolfcamp well in the E/2 of Section 6 and NE/4 of Section 7,

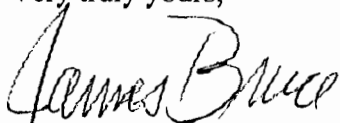
both in Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, December 21, 2017, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an offset operator or interest owner who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, December 14, 2017. 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 his or her 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.

ATTACHMENT **A**

Very truly yours,

A handwritten signature in cursive script that reads "James Bruce". The signature is written in dark ink and is positioned above the printed name.

James Bruce

Attorney for Mewbourne Oil Company

EXHIBIT A

Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121

Chevron U.S.A. Inc.
6301 Deauville Boulevard
Midland, Texas 79706

Attention: Permitting Team

Devon Energy Production Company, L.P.
333 West Sheridan
Oklahoma City, Oklahoma 73102

Marathon Oil Permian LLC
5555 San Felipe Street
Houston, Texas 77056

EOG A Resources, Inc.
EOG M Resources, Inc.
EOG Y Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

COG Operating LLC
Concho Oil & Gas, LLC
600 West Illinois
Midland, Texas 79701

OXY USA Inc.
OXY Y-1 Company
Suite 110
5 Greenway Plaza
Houston, Texas 77046

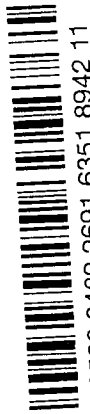
Matador Production Company
MRC Permian Company
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240

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:

COG Operating LLC
Concho Oil & Gas, LLC
600 West Illinois
Midland, Texas 79701



9590 9402 2691 6351 8942 11

2. Article Number (Transfer from service label)
7017 0190 0000 8403 2592

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

(over \$500) M-PV-0

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
- B. Received by (Printed Name) Matthew Rouse C. Date of Delivery 12-5-17
- D. Is delivery address different from item 1? ☒ Yes ☐ No
If YES, enter delivery address below:

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

1 Delivery

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

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 Fee \$

Sent To COG Operating LLC
Concho Oil & Gas, LLC
600 West Illinois
Midland, Texas 79701

Street and Apt. No., or P.O. Box

City, State, Zip+4

See Reverse for Instructions

PS Form 3800, April 2015 PSN 7530-02-000-9047

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:

Matador Production Company
MRC Permian Company
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240



9590 9402 2691 6351 8941 98

2. Article Number (Transfer from service label)
7017 0190 0000 8403 2578

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

(over \$500) M-PV-0

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
- B. Received by (Printed Name) Kayla Rouse C. Date of Delivery 12-5-17
- D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

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

restricted Delivery

Domestic Return Receipt

PS Form 3800, April 2015 PSN 7530-02-000-9047

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

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 Fee \$

Sent To Matador Production Company
MRC Permian Company
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240

Street and Apt. No., or P.O. Box

City, State, Zip+4

See Reverse for Instructions

PS Form 3800, April 2015 PSN 7530-02-000-9047

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:

Chevron U.S.A. Inc.
6301 Deauville Boulevard
Midland, Texas 79706



9590 9402 2691 6351 8942 59

2. Ar

7017 0190 0000 8403 2639

(over \$500)

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

M - PV - Q

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature *C. Lawrence* ☒ Agent ☐ Addressee
- B. Received by (Printed Name) *C. Lawrence* C. Date of Delivery *12/6/17*
- D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

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

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT-0

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

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 \$

Postmark
Here

Total Postage and Fees

Chevron U.S.A. Inc.
6301 Deauville Boulevard
Midland, Texas 79706

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT-0
Domestic Mail OnlyFor delivery information, visit our website at www.usps.com®.

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 \$

Postmark
Here

Total Postage and Fees

Sent To *Devon Energy Production Company, L.P.*

Street and Apt. No. *333 West Sheridan*

City, State, ZIP+4® *Oklahoma City, Oklahoma 73102*

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:

Devon Energy Production Company, L.P.
333 West Sheridan
Oklahoma City, Oklahoma 73102



9590 9402 2691 6351 8942 42

2. Arti

7017 0190 0000 8403 2622

(over \$500)

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

M - PV - Q

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature *David Carrillo* ☒ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery

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

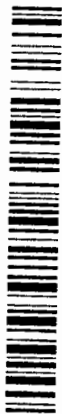
3. Service Type
- ☐ Priority Mail Express®
 - ☐ Adult Signature
 - ☐ Registered Mail™
 - ☐ Adult Signature Restricted Delivery
 - ☐ Certified Mail®
 - ☐ Registered Mail Restricted Delivery
 - ☐ Return Receipt for Merchandise
 - ☐ Signature Confirmation™
 - ☐ Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3;
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece or on the front if space permits.

1. Article Addressed to:

Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121



9590 9402 2691 6351 8942 66

2. Article Number (Transfer from service label)

7017 0190 0000 8403 2646

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent
X Patricia Simon ☐ 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

☐ 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

Domestic Return Receipt

M-PV -0

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For delivery information, visit our website at www.usps.com®.

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 \$

Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121

Sent To _____
Street and Apt. No., or P.O. _____
City, State, ZIP+4® _____

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

7017 0190 0000 8403 2585

U.S. Postal Service™
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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 \$

Postmark
Here

Postage

\$

Total Postage and Fee:

\$

Sent To OXY USA Inc.

OXY Y-1 Company

Suite 110

Street and Apt. No., or PO Box 5 Greenway Plaza

City, State, ZIP+4® Houston, Texas 77046

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7017 0190 0000 8403 2615

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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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 \$

Postmark
Here

Postage

\$

Total Postage and Fees

\$

Sent To

Marathon Oil Permian LLC
 5555 San Felipe Street
 Houston, Texas 77056

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7017 0190 0000 8403 2608

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

For delivery information, visit our website at 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 \$

Postmark
Here

Postage

\$

Total Postage and Fees

\$

Sent To

EOG A Resources, Inc.
 EOG M Resources, Inc.
 EOG Y Resources, Inc.
 5509 Champions Drive

Street and Apt. No., or PO Box Midland, Texas 79706

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Pecos Valley 7/6 W2HA Fed Com #2H

Sec 7/6, T24S, R29E

SL: 2412' FSL & 193' FEL, Sec 7

BHL: 330' FNL & 330' FEL, Sec 6

Plan: Design #1

Standard Planning Report

11 December, 2017

EXHIBIT 12

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Eddy County, New Mexico NAD 83
Site: Pecos Valley 7/6 W2HA Fed Com #2H
Well: Sec 7/6, T24S, R29E
Wellbore: BHL: 330' FNL & 330' FEL, Sec 6
Design: Design #1

Local Co-ordinate Reference: Site Pecos Valley 7/6 W2HA Fed Com #2H
TVD Reference: WELL @ 3034.0usft (Original Well Elev)
MD Reference: WELL @ 3034.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Eddy County, New Mexico NAD 83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Pecos Valley 7/6 W2HA Fed Com #2H			
Site Position:		Northing:	448,135.00 usft	Latitude: 32° 13' 53.761 N
From:	Map	Easting:	639,520.00 usft	Longitude: 104° 0' 56.892 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.17 °

Well	Sec 7/6, T24S, R29E			
Well Position	+N/-S	0.0 usft	Northing:	448,135.00 usft
	+E/-W	0.0 usft	Easting:	639,520.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,034.0 usft	Ground Level: 3,007.0 usft

Wellbore	BHL: 330' FNL & 330' FEL, Sec 6				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	12/11/2017	(°)	(°)	(nT)
			6.99	59.96	47,929

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	358.71

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,710.0	0.00	0.00	2,710.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,761.3	1.03	270.42	2,761.3	0.0	-0.5	2.00	2.00	0.00	270.42	
10,356.9	1.03	270.42	10,355.7	1.0	-136.5	0.00	0.00	0.00	0.00	
10,408.2	0.00	0.00	10,407.0	1.0	-137.0	2.00	-2.00	0.00	180.00	KOP @ 10407'
11,311.0	90.27	359.71	10,980.0	576.7	-139.9	10.00	10.00	0.00	-0.29	
18,620.5	90.27	359.71	10,945.0	7,886.0	-177.0	0.00	0.00	0.00	0.00	BHL: 330' FNL & 330'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pecos Valley 7/6 W2HA Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3034.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3034.0usft (Original Well Elev)
Site:	Pecos Valley 7/6 W2HA Fed Com #2H	North Reference:	Grid
Well:	Sec 7/6, T24S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 330' FEL, Sec 6		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SL: 2412' FSL & 193' FEL, Sec 7									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,710.0	0.00	0.00	2,710.0	0.0	0.0	0.0	0.00	0.00	0.00
2,761.3	1.03	270.42	2,761.3	0.0	-0.5	0.0	2.00	2.00	0.00
2,800.0	1.03	270.42	2,800.0	0.0	-1.2	0.0	0.00	0.00	0.00
2,900.0	1.03	270.42	2,900.0	0.0	-2.9	0.1	0.00	0.00	0.00
3,000.0	1.03	270.42	3,000.0	0.0	-4.7	0.1	0.00	0.00	0.00
3,100.0	1.03	270.42	3,099.9	0.0	-6.5	0.2	0.00	0.00	0.00
3,200.0	1.03	270.42	3,199.9	0.1	-8.3	0.2	0.00	0.00	0.00
3,300.0	1.03	270.42	3,299.9	0.1	-10.1	0.3	0.00	0.00	0.00
3,400.0	1.03	270.42	3,399.9	0.1	-11.9	0.4	0.00	0.00	0.00
3,500.0	1.03	270.42	3,499.9	0.1	-13.7	0.4	0.00	0.00	0.00
3,600.0	1.03	270.42	3,599.9	0.1	-15.5	0.5	0.00	0.00	0.00
3,700.0	1.03	270.42	3,699.8	0.1	-17.3	0.5	0.00	0.00	0.00
3,800.0	1.03	270.42	3,799.8	0.1	-19.1	0.6	0.00	0.00	0.00
3,900.0	1.03	270.42	3,899.8	0.2	-20.9	0.6	0.00	0.00	0.00
4,000.0	1.03	270.42	3,999.8	0.2	-22.7	0.7	0.00	0.00	0.00
4,100.0	1.03	270.42	4,099.8	0.2	-24.4	0.7	0.00	0.00	0.00
4,200.0	1.03	270.42	4,199.8	0.2	-26.2	0.8	0.00	0.00	0.00
4,300.0	1.03	270.42	4,299.8	0.2	-28.0	0.8	0.00	0.00	0.00
4,400.0	1.03	270.42	4,399.7	0.2	-29.8	0.9	0.00	0.00	0.00
4,500.0	1.03	270.42	4,499.7	0.2	-31.6	0.9	0.00	0.00	0.00
4,600.0	1.03	270.42	4,599.7	0.2	-33.4	1.0	0.00	0.00	0.00
4,700.0	1.03	270.42	4,699.7	0.3	-35.2	1.0	0.00	0.00	0.00
4,800.0	1.03	270.42	4,799.7	0.3	-37.0	1.1	0.00	0.00	0.00
4,900.0	1.03	270.42	4,899.7	0.3	-38.8	1.2	0.00	0.00	0.00
5,000.0	1.03	270.42	4,999.6	0.3	-40.6	1.2	0.00	0.00	0.00

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Eddy County, New Mexico NAD 83
Site: Pecos Valley 7/6 W2HA Fed Com #2H
Well: Sec 7/6, T24S, R29E
Wellbore: BHL: 330' FNL & 330' FEL, Sec 6
Design: Design #1

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

Site Pecos Valley 7/6 W2HA Fed Com #2H
 WELL @ 3034.0usft (Original Well Elev)
 WELL @ 3034.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.0	1.03	270.42	5,099.6	0.3	-42.4	1.3	0.00	0.00	0.00
5,200.0	1.03	270.42	5,199.6	0.3	-44.2	1.3	0.00	0.00	0.00
5,300.0	1.03	270.42	5,299.6	0.3	-45.9	1.4	0.00	0.00	0.00
5,400.0	1.03	270.42	5,399.6	0.3	-47.7	1.4	0.00	0.00	0.00
5,500.0	1.03	270.42	5,499.6	0.4	-49.5	1.5	0.00	0.00	0.00
5,600.0	1.03	270.42	5,599.5	0.4	-51.3	1.5	0.00	0.00	0.00
5,700.0	1.03	270.42	5,699.5	0.4	-53.1	1.6	0.00	0.00	0.00
5,800.0	1.03	270.42	5,799.5	0.4	-54.9	1.6	0.00	0.00	0.00
5,900.0	1.03	270.42	5,899.5	0.4	-56.7	1.7	0.00	0.00	0.00
6,000.0	1.03	270.42	5,999.5	0.4	-58.5	1.7	0.00	0.00	0.00
6,100.0	1.03	270.42	6,099.5	0.4	-60.3	1.8	0.00	0.00	0.00
6,200.0	1.03	270.42	6,199.4	0.5	-62.1	1.8	0.00	0.00	0.00
6,300.0	1.03	270.42	6,299.4	0.5	-63.9	1.9	0.00	0.00	0.00
6,400.0	1.03	270.42	6,399.4	0.5	-65.6	2.0	0.00	0.00	0.00
6,500.0	1.03	270.42	6,499.4	0.5	-67.4	2.0	0.00	0.00	0.00
6,600.0	1.03	270.42	6,599.4	0.5	-69.2	2.1	0.00	0.00	0.00
6,700.0	1.03	270.42	6,699.4	0.5	-71.0	2.1	0.00	0.00	0.00
6,800.0	1.03	270.42	6,799.3	0.5	-72.8	2.2	0.00	0.00	0.00
6,900.0	1.03	270.42	6,899.3	0.5	-74.6	2.2	0.00	0.00	0.00
7,000.0	1.03	270.42	6,999.3	0.6	-76.4	2.3	0.00	0.00	0.00
7,100.0	1.03	270.42	7,099.3	0.6	-78.2	2.3	0.00	0.00	0.00
7,200.0	1.03	270.42	7,199.3	0.6	-80.0	2.4	0.00	0.00	0.00
7,300.0	1.03	270.42	7,299.3	0.6	-81.8	2.4	0.00	0.00	0.00
7,400.0	1.03	270.42	7,399.3	0.6	-83.6	2.5	0.00	0.00	0.00
7,500.0	1.03	270.42	7,499.2	0.6	-85.4	2.5	0.00	0.00	0.00
7,600.0	1.03	270.42	7,599.2	0.6	-87.1	2.6	0.00	0.00	0.00
7,700.0	1.03	270.42	7,699.2	0.6	-88.9	2.6	0.00	0.00	0.00
7,800.0	1.03	270.42	7,799.2	0.7	-90.7	2.7	0.00	0.00	0.00
7,900.0	1.03	270.42	7,899.2	0.7	-92.5	2.8	0.00	0.00	0.00
8,000.0	1.03	270.42	7,999.2	0.7	-94.3	2.8	0.00	0.00	0.00
8,100.0	1.03	270.42	8,099.1	0.7	-96.1	2.9	0.00	0.00	0.00
8,200.0	1.03	270.42	8,199.1	0.7	-97.9	2.9	0.00	0.00	0.00
8,300.0	1.03	270.42	8,299.1	0.7	-99.7	3.0	0.00	0.00	0.00
8,400.0	1.03	270.42	8,399.1	0.7	-101.5	3.0	0.00	0.00	0.00
8,500.0	1.03	270.42	8,499.1	0.8	-103.3	3.1	0.00	0.00	0.00
8,600.0	1.03	270.42	8,599.1	0.8	-105.1	3.1	0.00	0.00	0.00
8,700.0	1.03	270.42	8,699.0	0.8	-106.9	3.2	0.00	0.00	0.00
8,800.0	1.03	270.42	8,799.0	0.8	-108.6	3.2	0.00	0.00	0.00
8,900.0	1.03	270.42	8,899.0	0.8	-110.4	3.3	0.00	0.00	0.00
9,000.0	1.03	270.42	8,999.0	0.8	-112.2	3.3	0.00	0.00	0.00
9,100.0	1.03	270.42	9,099.0	0.8	-114.0	3.4	0.00	0.00	0.00
9,200.0	1.03	270.42	9,199.0	0.8	-115.8	3.4	0.00	0.00	0.00
9,300.0	1.03	270.42	9,298.9	0.9	-117.6	3.5	0.00	0.00	0.00
9,400.0	1.03	270.42	9,398.9	0.9	-119.4	3.6	0.00	0.00	0.00
9,500.0	1.03	270.42	9,498.9	0.9	-121.2	3.6	0.00	0.00	0.00
9,600.0	1.03	270.42	9,598.9	0.9	-123.0	3.7	0.00	0.00	0.00
9,700.0	1.03	270.42	9,698.9	0.9	-124.8	3.7	0.00	0.00	0.00
9,800.0	1.03	270.42	9,798.9	0.9	-126.6	3.8	0.00	0.00	0.00
9,900.0	1.03	270.42	9,898.9	0.9	-128.4	3.8	0.00	0.00	0.00
10,000.0	1.03	270.42	9,998.8	0.9	-130.1	3.9	0.00	0.00	0.00
10,100.0	1.03	270.42	10,098.8	1.0	-131.9	3.9	0.00	0.00	0.00
10,200.0	1.03	270.42	10,198.8	1.0	-133.7	4.0	0.00	0.00	0.00
10,300.0	1.03	270.42	10,298.8	1.0	-135.5	4.0	0.00	0.00	0.00
10,356.9	1.03	270.42	10,355.7	1.0	-136.5	4.1	0.00	0.00	0.00

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Eddy County, New Mexico NAD 83
Site: Pecos Valley 7/6 W2HA Fed Com #2H
Well: Sec 7/6, T24S, R29E
Wellbore: BHL: 330' FNL & 330' FEL, Sec 6
Design: Design #1

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

Site Pecos Valley 7/6 W2HA Fed Com #2H
 WELL @ 3034.0usft (Original Well Elev)
 WELL @ 3034.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,400.0	0.16	270.42	10,398.8	1.0	-137.0	4.1	2.00	-2.00	0.00
10,408.2	0.00	0.00	10,407.0	1.0	-137.0	4.1	2.00	-2.00	0.00
KOP @ 10407'									
10,500.0	9.18	359.71	10,498.4	8.3	-137.0	11.4	10.00	10.00	0.00
10,600.0	19.18	359.71	10,595.2	32.8	-137.2	35.9	10.00	10.00	0.00
10,700.0	29.18	359.71	10,686.3	73.7	-137.4	76.8	10.00	10.00	0.00
10,800.0	39.17	359.71	10,769.0	129.8	-137.7	132.8	10.00	10.00	0.00
10,900.0	49.17	359.71	10,840.6	199.4	-138.0	202.4	10.00	10.00	0.00
11,000.0	59.17	359.71	10,899.0	280.4	-138.4	283.4	10.00	10.00	0.00
11,100.0	69.17	359.71	10,942.6	370.3	-138.9	373.3	10.00	10.00	0.00
11,200.0	79.17	359.71	10,969.8	466.3	-139.4	469.4	10.00	10.00	0.00
11,300.0	89.17	359.71	10,979.9	565.7	-139.9	568.7	10.00	10.00	0.00
11,308.3	90.00	359.71	10,980.0	574.0	-139.9	577.0	10.00	10.00	0.00
FTP: 2326' FNL & 330' FEL, Sec7									
11,311.0	90.27	359.71	10,980.0	576.7	-139.9	579.7	10.00	10.00	0.00
LP: 2323' FNL & 330' FEL, Sec 7									
11,400.0	90.27	359.71	10,979.6	665.7	-140.4	668.7	0.00	0.00	0.00
11,500.0	90.27	359.71	10,979.1	765.7	-140.9	768.7	0.00	0.00	0.00
11,600.0	90.27	359.71	10,978.6	865.7	-141.4	868.6	0.00	0.00	0.00
11,700.0	90.27	359.71	10,978.1	965.7	-141.9	968.6	0.00	0.00	0.00
11,800.0	90.27	359.71	10,977.7	1,065.7	-142.4	1,068.6	0.00	0.00	0.00
11,900.0	90.27	359.71	10,977.2	1,165.7	-142.9	1,168.6	0.00	0.00	0.00
12,000.0	90.27	359.71	10,976.7	1,265.7	-143.4	1,268.6	0.00	0.00	0.00
12,100.0	90.27	359.71	10,976.2	1,365.7	-143.9	1,368.6	0.00	0.00	0.00
12,200.0	90.27	359.71	10,975.7	1,465.7	-144.4	1,468.5	0.00	0.00	0.00
12,300.0	90.27	359.71	10,975.3	1,565.7	-144.9	1,568.5	0.00	0.00	0.00
12,400.0	90.27	359.71	10,974.8	1,665.7	-145.4	1,668.5	0.00	0.00	0.00
12,500.0	90.27	359.71	10,974.3	1,765.7	-146.0	1,768.5	0.00	0.00	0.00
12,600.0	90.27	359.71	10,973.8	1,865.7	-146.5	1,868.5	0.00	0.00	0.00
12,700.0	90.27	359.71	10,973.3	1,965.7	-147.0	1,968.5	0.00	0.00	0.00
12,800.0	90.27	359.71	10,972.9	2,065.7	-147.5	2,068.5	0.00	0.00	0.00
12,900.0	90.27	359.71	10,972.4	2,165.7	-148.0	2,168.4	0.00	0.00	0.00
13,000.0	90.27	359.71	10,971.9	2,265.7	-148.5	2,268.4	0.00	0.00	0.00
13,100.0	90.27	359.71	10,971.4	2,365.7	-149.0	2,368.4	0.00	0.00	0.00
13,200.0	90.27	359.71	10,971.0	2,465.7	-149.5	2,468.4	0.00	0.00	0.00
13,300.0	90.27	359.71	10,970.5	2,565.6	-150.0	2,568.4	0.00	0.00	0.00
13,400.0	90.27	359.71	10,970.0	2,665.6	-150.5	2,668.4	0.00	0.00	0.00
13,500.0	90.27	359.71	10,969.5	2,765.6	-151.0	2,768.3	0.00	0.00	0.00
13,600.0	90.27	359.71	10,969.0	2,865.6	-151.5	2,868.3	0.00	0.00	0.00
13,700.0	90.27	359.71	10,968.6	2,965.6	-152.0	2,968.3	0.00	0.00	0.00
13,800.0	90.27	359.71	10,968.1	3,065.6	-152.5	3,068.3	0.00	0.00	0.00
13,900.0	90.27	359.71	10,967.6	3,165.6	-153.1	3,168.3	0.00	0.00	0.00
14,000.0	90.27	359.71	10,967.1	3,265.6	-153.6	3,268.3	0.00	0.00	0.00
14,100.0	90.27	359.71	10,966.6	3,365.6	-154.1	3,368.2	0.00	0.00	0.00
14,200.0	90.27	359.71	10,966.2	3,465.6	-154.6	3,468.2	0.00	0.00	0.00
14,300.0	90.27	359.71	10,965.7	3,565.6	-155.1	3,568.2	0.00	0.00	0.00
14,400.0	90.27	359.71	10,965.2	3,665.6	-155.6	3,668.2	0.00	0.00	0.00
14,500.0	90.27	359.71	10,964.7	3,765.6	-156.1	3,768.2	0.00	0.00	0.00
14,600.0	90.27	359.71	10,964.3	3,865.6	-156.6	3,868.2	0.00	0.00	0.00
14,700.0	90.27	359.71	10,963.8	3,965.6	-157.1	3,968.1	0.00	0.00	0.00
14,800.0	90.27	359.71	10,963.3	4,065.6	-157.6	4,068.1	0.00	0.00	0.00
14,900.0	90.27	359.71	10,962.8	4,165.6	-158.1	4,168.1	0.00	0.00	0.00
15,000.0	90.27	359.71	10,962.3	4,265.6	-158.6	4,268.1	0.00	0.00	0.00

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Eddy County, New Mexico NAD 83
Site: Pecos Valley 7/6 W2HA Fed Com #2H
Well: Sec 7/6, T24S, R29E
Wellbore: BHL: 330' FNL & 330' FEL, Sec 6
Design: Design #1

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

Site Pecos Valley 7/6 W2HA Fed Com #2H
 WELL @ 3034.0usft (Original Well Elev)
 WELL @ 3034.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Buid Rate (°/100usft)	Turn Rate (°/100usft)
15,100.0	90.27	359.71	10,961.9	4,365.6	-159.1	4,368.1	0.00	0.00	0.00
15,200.0	90.27	359.71	10,961.4	4,465.6	-159.6	4,468.1	0.00	0.00	0.00
15,300.0	90.27	359.71	10,960.9	4,565.6	-160.2	4,568.0	0.00	0.00	0.00
15,400.0	90.27	359.71	10,960.4	4,665.6	-160.7	4,668.0	0.00	0.00	0.00
15,500.0	90.27	359.71	10,959.9	4,765.6	-161.2	4,768.0	0.00	0.00	0.00
15,600.0	90.27	359.71	10,959.5	4,865.6	-161.7	4,868.0	0.00	0.00	0.00
15,700.0	90.27	359.71	10,959.0	4,965.6	-162.2	4,968.0	0.00	0.00	0.00
15,800.0	90.27	359.71	10,958.5	5,065.6	-162.7	5,068.0	0.00	0.00	0.00
15,900.0	90.27	359.71	10,958.0	5,165.6	-163.2	5,167.9	0.00	0.00	0.00
16,000.0	90.27	359.71	10,957.5	5,265.6	-163.7	5,267.9	0.00	0.00	0.00
16,100.0	90.27	359.71	10,957.1	5,365.6	-164.2	5,367.9	0.00	0.00	0.00
16,200.0	90.27	359.71	10,956.6	5,465.6	-164.7	5,467.9	0.00	0.00	0.00
16,300.0	90.27	359.71	10,956.1	5,565.6	-165.2	5,567.9	0.00	0.00	0.00
16,400.0	90.27	359.71	10,955.6	5,665.6	-165.7	5,667.9	0.00	0.00	0.00
16,500.0	90.27	359.71	10,955.2	5,765.6	-166.2	5,767.9	0.00	0.00	0.00
16,600.0	90.27	359.71	10,954.7	5,865.6	-166.8	5,867.8	0.00	0.00	0.00
16,700.0	90.27	359.71	10,954.2	5,965.6	-167.3	5,967.8	0.00	0.00	0.00
16,800.0	90.27	359.71	10,953.7	6,065.6	-167.8	6,067.8	0.00	0.00	0.00
16,900.0	90.27	359.71	10,953.2	6,165.6	-168.3	6,167.8	0.00	0.00	0.00
17,000.0	90.27	359.71	10,952.8	6,265.6	-168.8	6,267.8	0.00	0.00	0.00
17,100.0	90.27	359.71	10,952.3	6,365.6	-169.3	6,367.8	0.00	0.00	0.00
17,200.0	90.27	359.71	10,951.8	6,465.6	-169.8	6,467.7	0.00	0.00	0.00
17,300.0	90.27	359.71	10,951.3	6,565.6	-170.3	6,567.7	0.00	0.00	0.00
17,400.0	90.27	359.71	10,950.8	6,665.5	-170.8	6,667.7	0.00	0.00	0.00
17,500.0	90.27	359.71	10,950.4	6,765.5	-171.3	6,767.7	0.00	0.00	0.00
17,600.0	90.27	359.71	10,949.9	6,865.5	-171.8	6,867.7	0.00	0.00	0.00
17,700.0	90.27	359.71	10,949.4	6,965.5	-172.3	6,967.7	0.00	0.00	0.00
17,800.0	90.27	359.71	10,948.9	7,065.5	-172.8	7,067.6	0.00	0.00	0.00
17,900.0	90.27	359.71	10,948.4	7,165.5	-173.3	7,167.6	0.00	0.00	0.00
18,000.0	90.27	359.71	10,948.0	7,265.5	-173.9	7,267.6	0.00	0.00	0.00
18,100.0	90.27	359.71	10,947.5	7,365.5	-174.4	7,367.6	0.00	0.00	0.00
18,200.0	90.27	359.71	10,947.0	7,465.5	-174.9	7,467.6	0.00	0.00	0.00
18,300.0	90.27	359.71	10,946.5	7,565.5	-175.4	7,567.6	0.00	0.00	0.00
18,400.0	90.27	359.71	10,946.1	7,665.5	-175.9	7,667.5	0.00	0.00	0.00
18,500.0	90.27	359.71	10,945.6	7,765.5	-176.4	7,767.5	0.00	0.00	0.00
18,600.0	90.27	359.71	10,945.1	7,865.5	-176.9	7,867.5	0.00	0.00	0.00
18,620.5	90.27	359.71	10,945.0	7,886.0	-177.0	7,888.0	0.00	0.00	0.00

BHL: 330' FNL & 330' FEL, Sec 6

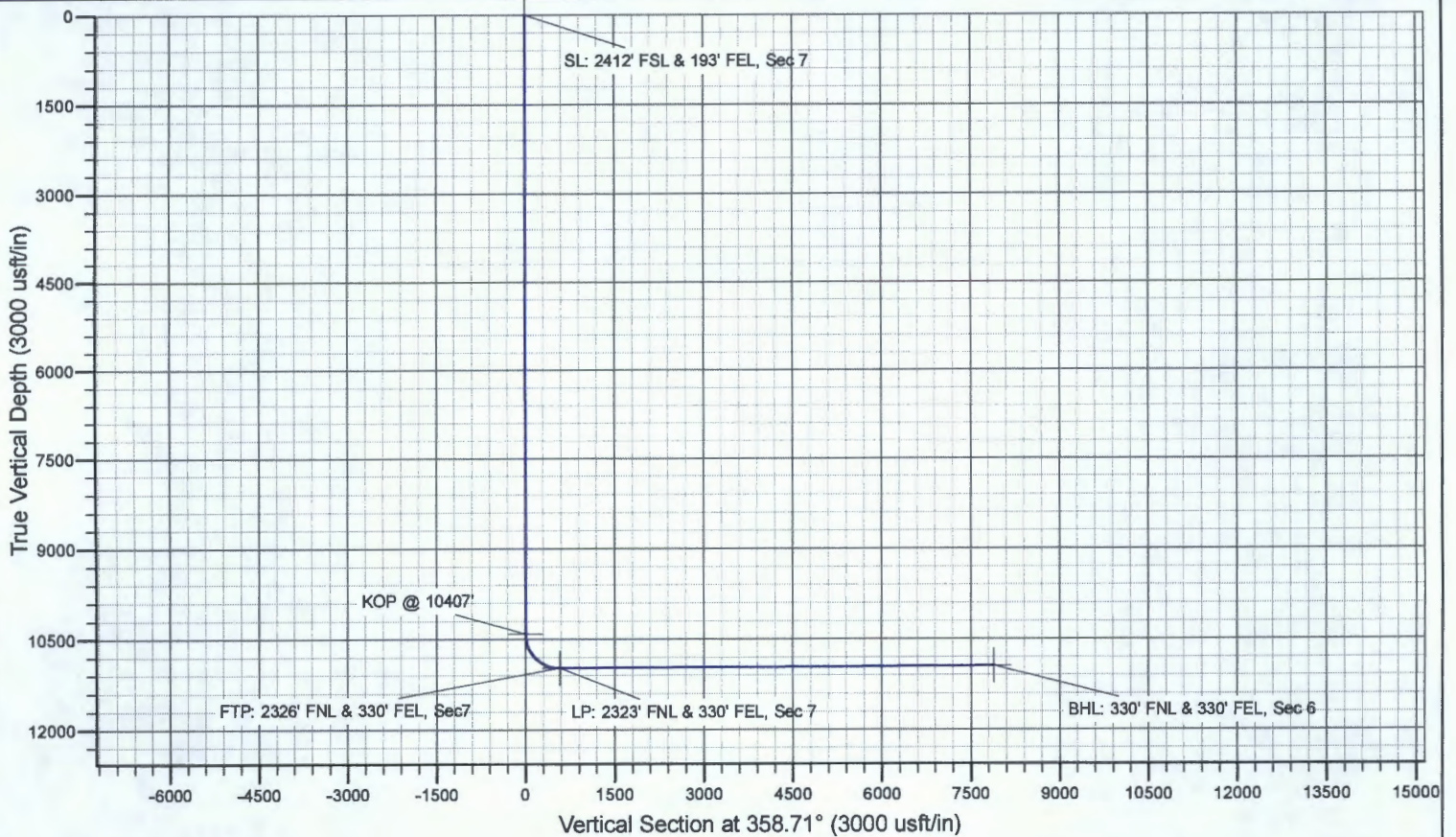
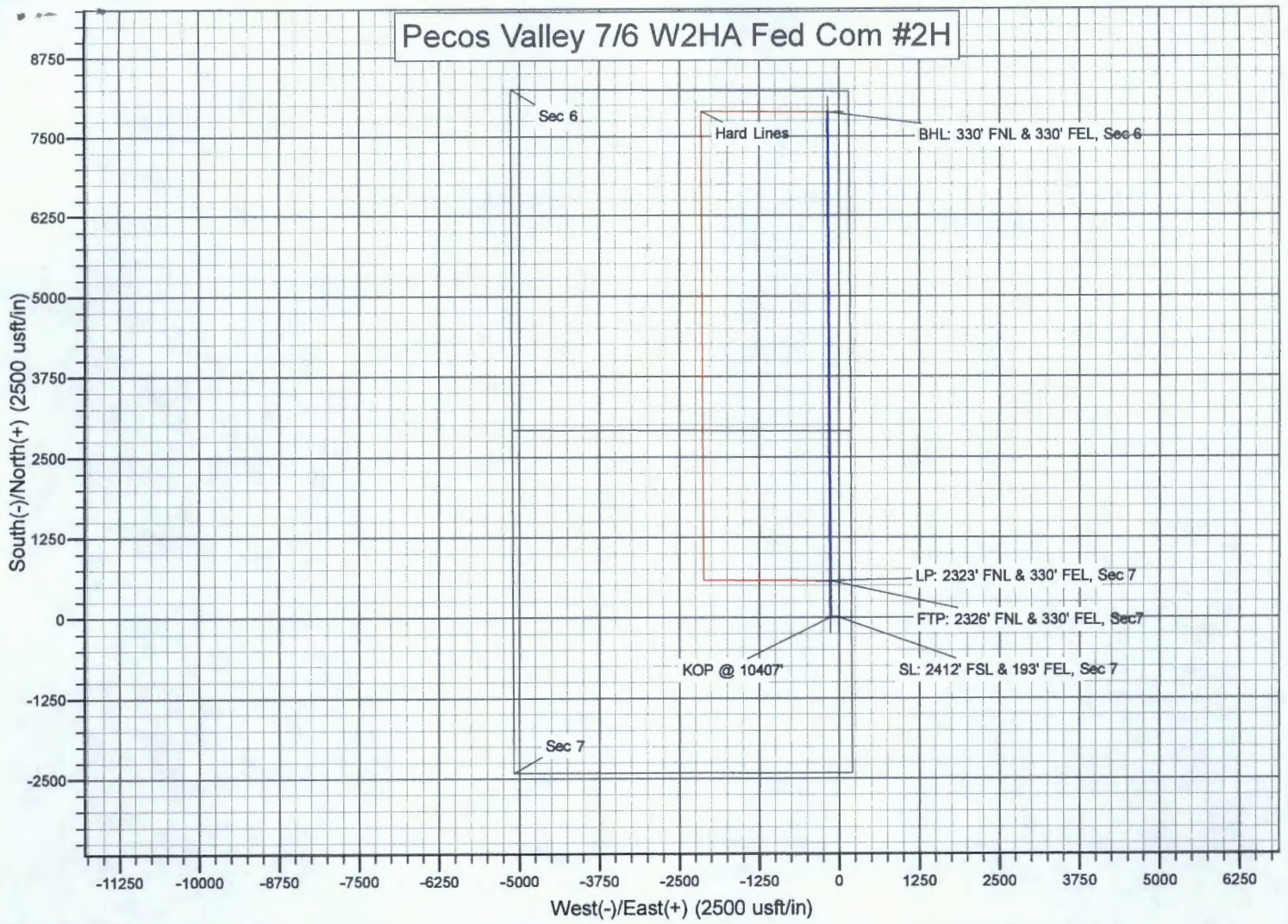
Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Eddy County, New Mexico NAD 83
Site: Pecos Valley 7/6 W2HA Fed Com #2H
Well: Sec 7/6, T24S, R29E
Wellbore: BHL: 330' FNL & 330' FEL, Sec 6
Design: Design #1

Local Co-ordinate Reference: Site Pecos Valley 7/6 W2HA Fed Com #2H
TVD Reference: WELL @ 3034.0usft (Original Well Elev)
MD Reference: WELL @ 3034.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SL: 2412' FSL & 193' FE - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	448,135.00	639,520.00	32° 13' 53.761 N	104° 0' 56.892 W
KOP @ 10407' - plan hits target center - Point	0.00	0.00	10,407.0	1.0	-137.0	448,136.00	639,383.00	32° 13' 53.775 N	104° 0' 58.487 W
BHL: 330' FNL & 330' FE - plan hits target center - Point	0.00	0.00	10,945.0	7,886.0	-177.0	456,021.00	639,343.00	32° 15' 11.805 N	104° 0' 58.682 W
LP: 2323' FNL & 330' FE - plan hits target center - Point	0.00	0.00	10,980.0	576.7	-139.9	448,711.74	639,380.08	32° 13' 59.473 N	104° 0' 58.501 W
FTP: 2326' FNL & 330' F - plan hits target center - Point	0.00	0.00	10,980.0	574.0	-139.9	448,709.00	639,380.10	32° 13' 59.446 N	104° 0' 58.501 W

Pecos Valley 7/6 W2HA Fed Com #2H



Preliminary Horizontal Planning Worksheet

Fill in the Blue Boxes Yellow Boxes are Calculated

11/29/2017

Well Name:		Pecos Valley 7/6 W2ED Fed Com 2H	
Surface Location:		2450 FSL 250 FWL	
State/ County		NM/Eddy	
S-T-R or Section-Block-Survey (Texas)		Section 7/ 24S/ 29E	
Field:		Purple Sage - Wolfcamp Gas Pool (98220)	
Spacing:		480 Acres	
Setbacks:		330 feet	
Target Formation:		WFMP D SH	
Elevation of SL			
Ground Level:		2966	
Height of KB:		27	
KB Elevation:		2993	
Landing Point			
Footing Calls		2310 FNL & 330 FW Sec 7/24S/29E	
Subsea Depth		-7790	
TVD =		10783	
PBHL			
Footing Calls		330 FNL & 330 FWL Sec 6/ 24S/29E	
Subsea Depth		-7730	
TVD =		10723	
Lateral Length:		7277.84	
Estimated KOP:		10210.04	
Est. Total Depth:		18392.61	

PBHL Offsets =	7855.26	NS
	64	EW

EXHIBIT 13

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature CalculationsOperator: Mewbourne Oil Company
Lease Name: os Valley 7/6 W2ED Fed Con
KOP 10210.04SL: 2450 FSL & 250 FWL Sec 7-24S-29E
BHL: 330 FNL & 330 FWL Sec 6-24S-29ETarget KBTVD: 10,783 Feet 10783.00
Target Angle: 90.47 Degrees 90.47
Section Plane: 0.47 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

D

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 (RADIAN)
71	10210.94	0.00	0.47	N/A	10210.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	10210.0	573.0	1E-12	0.01	#VALUE!
1	10300.51	9.05	0.47	90.472	10300.1	7.1	7.1	0.1	7.1	0.5	10.0	10.0	10300.2	482.8	0.1579	0.01	0.157903
2	10380.99	18.09	0.47	90.472	10388.0	28.3	28.3	0.2	28.3	0.5	10.0	10.0	10388.2	394.8	0.31581	0.01	0.157903
3	10461.46	27.14	0.47	90.472	10471.4	63.1	63.1	0.5	63.1	0.5	10.0	10.0	10471.9	311.1	0.47371	0.01	0.157903
4	10571.93	36.19	0.47	90.472	10548.3	110.5	110.5	0.9	110.5	0.5	10.0	10.0	10549.3	233.7	0.63161	0.01	0.157903
5	10662.40	45.24	0.47	90.472	10616.9	169.5	169.5	1.4	169.5	0.5	10.0	10.0	10618.2	164.8	0.78952	0.01	0.157903
6	10752.97	54.28	0.47	90.472	10675.2	238.5	238.5	1.9	238.5	0.5	10.0	10.0	10677.2	105.8	0.94742	0.01	0.157903
7	10843.35	63.33	0.47	90.472	10722.0	315.8	315.8	2.6	315.8	0.5	10.0	10.0	10724.6	58.4	1.10532	0.01	0.157903
8	10933.62	72.38	0.47	90.472	10756.1	399.5	399.5	3.3	399.5	0.5	10.0	10.0	10759.4	23.6	1.26323	0.01	0.157903
9	11024.28	81.42	0.47	90.472	10776.6	487.5	487.5	4.0	487.5	0.5	10.0	10.0	10780.6	2.4	1.42113	0.01	0.157903
10	11114.76	90.47	0.47	90.472	10783.0	577.7	577.7	4.7	577.7	0.5	10.0	10.0	10787.7	-4.7	1.57903	0.01	0.157903
11	11205.00	90.47	0.47	85.237	10782.3	662.9	662.9	5.4	662.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
12	11300.00	90.47	0.47	100	10781.5	762.9	762.9	6.2	762.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
13	11400.00	90.47	0.47	100	10780.6	862.9	862.9	7.0	862.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
14	11500.00	90.47	0.47	100	10779.8	962.9	962.9	7.8	962.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
15	11600.00	90.47	0.47	100	10779.0	1062.9	1062.9	8.7	1062.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
16	11700.00	90.47	0.47	100	10778.2	1162.9	1162.9	9.5	1162.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
17	11800.00	90.47	0.47	100	10777.3	1262.9	1262.9	10.3	1262.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
18	11900.00	90.47	0.47	100	10776.5	1362.9	1362.8	11.1	1362.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
19	12000.00	90.47	0.47	100	10775.7	1462.9	1462.8	11.9	1462.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
20	12100.00	90.47	0.47	100	10774.9	1562.9	1562.8	12.7	1562.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
21	12200.00	90.47	0.47	100	10774.0	1662.9	1662.8	13.5	1662.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
22	12300.00	90.47	0.47	100	10773.2	1762.9	1762.8	14.4	1762.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
23	12400.00	90.47	0.47	100	10772.4	1862.9	1862.8	15.2	1862.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
24	12500.00	90.47	0.47	100	10771.6	1962.9	1962.8	16.0	1962.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
25	12600.00	90.47	0.47	100	10770.7	2062.9	2062.8	16.8	2062.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
26	12700.00	90.47	0.47	100	10769.9	2162.9	2162.8	17.6	2162.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
27	12800.00	90.47	0.47	100	10769.1	2262.9	2262.8	18.4	2262.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
28	12900.00	90.47	0.47	100	10768.3	2362.9	2362.8	19.3	2362.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
29	13000.00	90.47	0.47	100	10767.4	2462.9	2462.8	20.1	2462.9	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
30	13100.00	90.47	0.47	100	10766.6	2562.8	2562.8	20.9	2562.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
31	13200.00	90.47	0.47	100	10765.8	2662.8	2662.8	21.7	2662.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
32	13300.00	90.47	0.47	100	10765.0	2762.8	2762.7	22.5	2762.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
33	13400.00	90.47	0.47	100	10764.2	2862.8	2862.7	23.3	2862.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
34	13500.00	90.47	0.47	100	10763.3	2962.8	2962.7	24.1	2962.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
35	13600.00	90.47	0.47	100	10762.5	3062.8	3062.7	25.0	3062.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
36	13700.00	90.47	0.47	100	10761.7	3162.8	3162.7	25.8	3162.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
37	13800.00	90.47	0.47	100	10760.9	3262.8	3262.7	26.6	3262.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
38	13900.00	90.47	0.47	100	10760.0	3362.8	3362.7	27.4	3362.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
39	14000.00	90.47	0.47	100	10759.2	3462.8	3462.7	28.2	3462.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
40	14100.00	90.47	0.47	100	10758.4	3562.8	3562.7	29.0	3562.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
41	14200.00	90.47	0.47	100	10757.6	3662.8	3662.7	29.8	3662.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
42	14300.00	90.47	0.47	100	10756.7	3762.8	3762.7	30.7	3762.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
43	14400.00	90.47	0.47	100	10755.9	3862.8	3862.7	31.5	3862.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
44	14500.00	90.47	0.47	100	10755.1	3962.8	3962.7	32.3	3962.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
45	14600.00	90.47	0.47	100	10754.3	4062.8	4062.7	33.1	4062.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
46	14700.00	90.47	0.47	100	10753.4	4162.8	4162.7	33.9	4162.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
47	14800.00	90.47	0.47	100	10752.6	4262.8	4262.6	34.7	4262.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
48	14900.00	90.47	0.47	100	10751.8	4362.8	4362.6	35.5	4362.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
49	15000.00	90.47	0.47	100	10751.0	4462.8	4462.6	36.4	4462.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
50	15100.00	90.47	0.47	100	10750.1	4562.8	4562.6	37.2	4562.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
51	15200.00	90.47	0.47	100	10749.3	4662.8	4662.6	38.0	4662.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
52	15300.00	90.47	0.47	100	10748.5	4762.8	4762.6	38.8	4762.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
53	15400.00	90.47	0.47	100	10747.7	4862.8	4862.6	39.6	4862.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
54	15500.00	90.47	0.47	100	10746.9	4962.8	4962.6	40.4	4962.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
55	15600.00	90.47	0.47	100	10746.0	5062.8	5062.6	41.2	5062.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
56	15700.00	90.47	0.47	100	10745.2	5162.8	5162.6	42.1	5162.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
57	15800.00	90.47	0.47	100	10744.4	5262.8	5262.6	42.9	5262.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
58	15900.00	90.47	0.47	100	10743.6	5362.8	5362.6	43.7	5362.8	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
59	16000.00	90.47	0.47	100	10742.7	5462.7	5462.6	44.5	5462.7	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
60	16100.00	90.47	0.47	100	10741.9	5562.7	5562.6	45.3	5562.7	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
61	16200.00	90.47	0.47	100	10741.1	5662.7	5662.6	46.1	5662.7	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
62	16300.00	90.47	0.47	100	10740.3	5762.7	5762.5	46.9	5762.7	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	1E-10
63	16400.00	90.47	0.47	100	10739.4	5862.7	5862.5	47.8	5862.7	0.5	0.0	0.0	10787.7	-4.7	1.57903	0.01	