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:

1

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

Case No. 20496

VERIFIED STATEMENT OF TYLER JOLLY

STATE OF TEXAS)
COUNTY OF MIDLAND) ss.)

Tyler Jolly, 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 Division Rules, the following information is submitted in support of the compulsory pooling application:

(a) The purpose of this application is to force pool working interest owners into the 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 failed or refused to voluntarily commit their interests to the well. Some interest owners are unlocatable.

(c) A plat outlining the unit being pooled is attached hereto as Attachment A. Mewbourne seeks an order approving a horizontal spacing unit in the Bone Spring formation comprised of the S2S2 of Section 9 and S2S2 of Section 10, Township 20 South, Range 29 East, NMPM. Mewbourne further seeks the pooling of all mineral interests in the Bone Spring formation underlying the unit. A Form C-102 is part of Attachment A. The unit will be dedicated to the Perazzi 9-10 B2MP Fed Com. Well No. 1H, a horizontal well with a first take point 500' FSL & 100' FWL in Section 9 and a final take point 500' FSL & 100' FWL in Section 9 and a final take point 500' code is 49622.



(d) There is no depth severance in the Bone Spring formation.

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

In order to find the unlocatable parties we examined county and governmental records, and also conducted internet searches including county records, internet searches, white pages, etc.

(f) Attachment C contains a summary of contacts with the locatable interest owners, together with copies of the proposal letters and e-mails with them.

(g) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well, or to locate the interest owners.

(h) Mewbourne has the right to pool the overriding royalty owners in the well unit.

(i) 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 of Eddy County.

(j) 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 area of Eddy 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.

(k) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

(l) Mewbourne requests that it be designated operator of the well.

(m) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.

(n) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION

STATE OF TEXAS)) ss. COUNTY OF MIDLAND)

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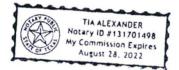
Tyler Jolly, being duly sworn upon his oath, deposes and states that: He is a landman for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge,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

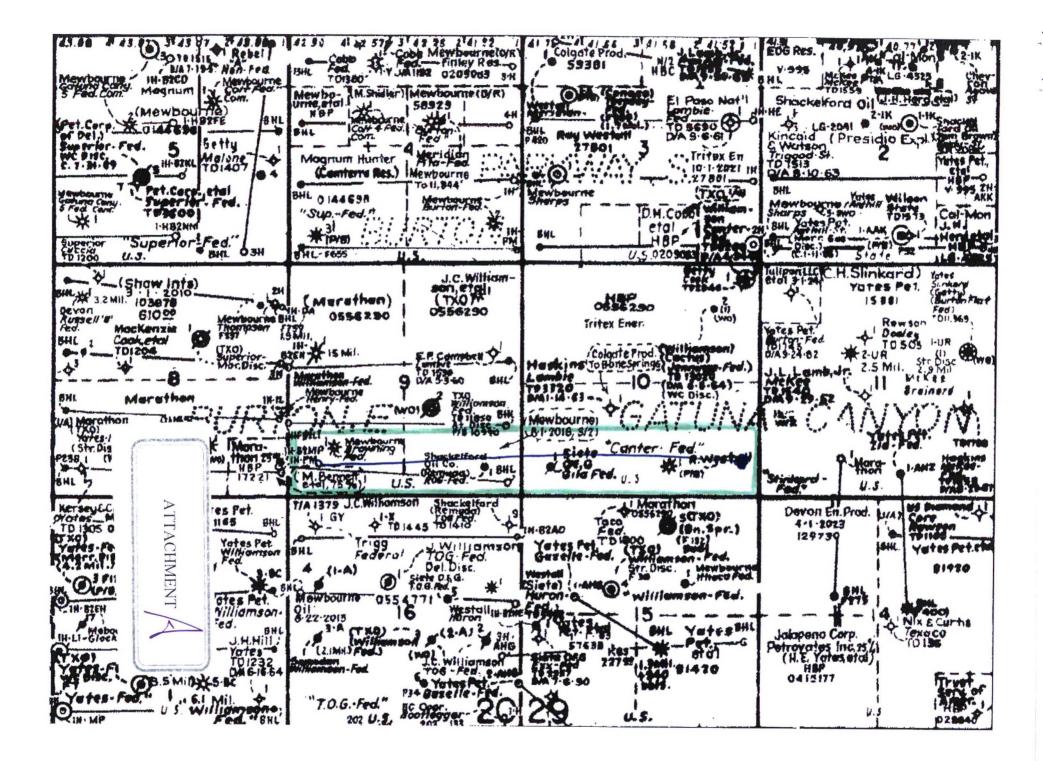
olly

SUBSCRIBED AND SWORN TO before me this 2 day of June, 2019 by Tyler Jolly.

My Commission Expires: 8 - 28 - 22

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 Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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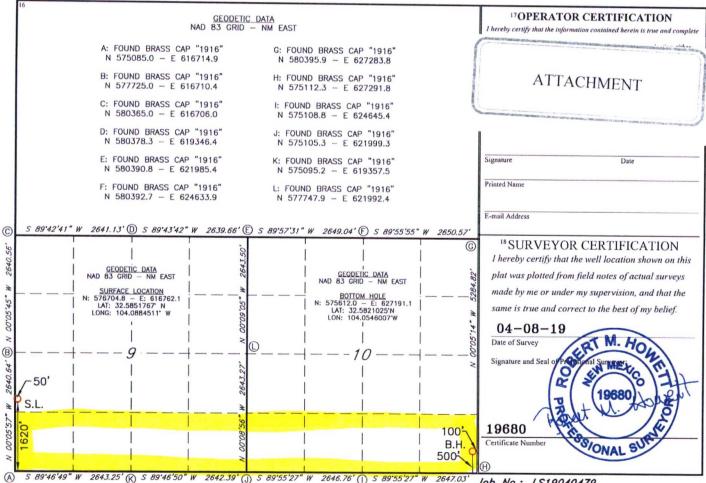
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate **District** Office

AMENDED REPORT

		V	VELL L	OCATIC	ON AND AC	CREAGE DEDIC	CATION PL	ΑT		
Pending		4.	49622		Parkway; Bone		Sprin	74		
PERAZZI 9/10 B2MP FED COM				⁶ Well Number 1H						
*Ogrid No. *Operator Name 9 Elevation / Ч 기 Ч Ч MEWBOURNE OIL COMPANY 3274'			⁹ Elevation 3274'							
¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/W	est line	County
L	9	20S	29E		1620	SOUTH	50	WE	ST	EDDY
"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/W	est line	County
Р	10	20S	29E		500	SOUTH	100	EAS	ST	EDDY
12 Dedicated Acres	13 Joint	or Infill 14 (Consolidation	Code 15 (Order No.					
320										

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.



Job No.: LS19040479

TRACT OWNERSHIP Perazzi 9-10 B2MP Fed Com #1H S2S2 of Section 9 & S2S2 of Section 10, T20S, R29E, Eddy County, NM

Michael A. Short	0.45%*
Steven C. Barnes Julie Ellen Barnes	0.45%*
Sand Dollar Petroleum, Inc.	0.45%*
Mr. & Mrs. Jeffrey N. Johnston	0.25%*
Ralph E. Williamson Testamentary Trust	3.125%*
Charla Geraldine Williamson Trust	3.125%*
Mewbourne Oil Company, et al.	91.25%

*Indicated parties being pooled. Total interest is 8.75% of proration unit.

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Summary of Communications

Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H

The Adrienne Suzanne

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Wynn Beauchamp Charitable Remainder Unitrust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 19, 2019 is also included.

Alice M. Morello

Trustee of the Patrick J. Morello and Alice M. Morello Trust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 19, 2019 is also included.

Brooks Oil and Gas Interests, Ltd.

1) Mailed well proposal via Certified Mail April 22, 2019; proof of receipt May 17, 2019 is also included.

Carol Shumate

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

Centennial LLC

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 21, 2019 is also included.

Christine Barnes Motycka

Trustee of the Laurie B. Barr Family Trust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

2)

Claude Forest Wynn

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

2)

Claudia R. Burch

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

2)

Clifton E. Shumate

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

2)

Colgate Production, LLC

1) Mailed well proposal via Certified Mail April 5, 2019; proof of receipt April 9, 2019 is also included.



Summary of Communications Page 2 of 6

COG Operating, LLC

- 1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.
- 2)

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Craig W. Barr

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 26, 2019 is also included.

2)

- C-W Flow, LLC
 - 1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 19, 2019 is also included.

2)

Dana Daniels Reaud

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

2)

Davoil, Inc

1) Mailed well proposal via Certified Mail April 4, 2019; proof of receipt April 12, 2019 is also included.

2)

Diane Daniels Denish

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 23, 2019 is also included.

2)

Donald R. Curry

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 22, 2019 is also included.

2)

Eric Chancy Croft and Elizabeth Anne Williamson,

Co-Trustees of the Charla Geraldine Williamson Trust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 26, 2019 is also included.

2)

Estate of Harold Dean Justice, Deceased

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

2)

Elouise H. Justice

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

2)

Estate of Lois Geraldine Williamson, Deceased

1) Mailed well proposal via Certified Mail April 4, 2019; proof of receipt April 22, 2019 is also included.

2)

Estate of Nelson Burnell Alpers

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 19, 2019 is also included.

Summary of Communications Page 3 of 6

Great Western Drilling Ltd.

1) Mailed well proposal via Certified Mail April 4, 2019; proof of receipt April 8, 2019 is also included.

2)

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Helen D. Alpers,

Trustee of the Helen D. Alpers Living Trust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

2)

Jane B. Ramsland Oil and Gas Partnership Ltd.

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 29, 2019 is also included.

2)

Jeffrey M. Johnston

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt April 11, 2019 is also included.

2)

John J. Klein & G. Todd Bright,

Trustees of the Adrienne Suzane Wynn Beauchamp Charitable Remainder Unitrust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

2)

Josephine Laughlin,

 <u>Trustee of the Josephine Laughlin Living Trust</u> Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

2)

Julie Ellen Barnes

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

2)

Kenneth D. Trumpfheller

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

2)

Margaret Hunker Tsui,

Trustee of the Margaret K. Hunker Trust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

2)

McCombs Exploration, LLC

1) Mailed well proposal via Certified Mail April 4, 2019; proof of receipt April 8, 2019 is also included.

2)

Michael A. Baker

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

Summary of Communications Page 4 of 6

Michael A. Short

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1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt April 8, 2019 is also included.

Michael James Ikard

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

Nicholas C. Taylor, Successor

Trustee of the Boyd and Marion Gardiner Laughlin Management Trust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

Norton, LLC

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 19, 2019 is also included.

UBS Financial Services Acct. #08927-13

f/b/o Patrice Schooley Fish

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 18, 2019 is also included.

Ralph E. Williamson Testamentary Trust

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

Robert L. Thornton

1) _Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 25, 2019 is also included.

Sand Dollar Petroleum, Inc

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt May 3, 2019 is also included.

Sarah Anne Baker

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

Siete Oil and Gas Corporation

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 29, 2019 is also included.

Spencer Schreiber

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

Summary of Communications Page 5 of 6

Steven C. Barnes

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1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

Suzanne E. Schreiber

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt April 15, 2019 is also included.

Taylor L. Barr

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt April 8, 2019 is also included.

Taylor Mays Wynn

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 26, 2019 is also included.

Thomas R. Barr

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt May 13, 2019 is also included.

Timothy Z. Jennings

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 22, 2019 is also included.

Vicki Lou Throckmorton Tucker

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 20, 2019 is also included.

Viola Elaine Barnes

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt March 28, 2019 is also included.

VFW Family Limited Partnership

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt April 22, 2019 is also included.

Zachariah J. Reid

1) Mailed well proposal via Certified Mail March 14, 2019; proof of receipt May 2, 2019 is also included.

Bahnhof Holdings LP

1) Mailed well proposal via Certified Mail March 14, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Cathy Canter Jennings

1) Mailed well proposal via Certified Mail April 22, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Summary of Communications Page 6 of 6

Eloise Canter Taylor

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1) Mailed well proposal via Certified Mail April 22, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Estate of Lora Center

1) Mailed well proposal via Certified Mail April 22, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Estate of Ralph E. Williamson, Deceased

1) Mailed well proposal via Certified Mail April 22, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Forest Jacob Wynn

1) Mailed well proposal via Certified Mail March 14, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Lisa Lynn Canter

1) Mailed well proposal via Certified Mail April 22, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Sara A. Schreiber

1) Mailed well proposal via Certified Mail March 14, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Terry N. Throckmorton

1) Mailed well proposal via Certified Mail March 14, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

Tim N. Throckmorton

1) Mailed well proposal via Certified Mail March 14, 2019; no proof of delivery was sent back to Mewbourne Oil Company.

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

March 14, 2019

Certified Mail

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Christine Barnes Motycka, Trustee of the Laurie B. Barr Family Trust P.O. Box 505 Midland, Texas 79702

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company, as Operator, hereby proposes drilling the following two (2) horizontal Bone Spring tests:

- Perazzi 9-10 B2LI Fed Com #1H APD in process Surface Location: 1650' FSL, 35' FWL, Section 9, UL L Bottom Hole Location: 1650' FSL, 100' FEL, Section 10, UL I Proposed Total Vertical Depth: 7904' Proposed Total Measured Depth: 18124' Formation: Bone Spring
- 2) Perazzi 9-10 B2MP Fed Com #1H APD in process Surface Location: 1620' FSL, 35' FWL, Section 9, UL M Bottom Hole Location: 500' FSL, 100' FEL, Section 10, UL P Proposed Total Vertical Depth: 7913' Proposed Total Measured Depth: 18405' Formation: Bone Spring

In the event you elect to participate in the proposed wells, please execute the enclosed AFEs and return them to the undersigned within thirty (30) days. Our Joint Operating Agreement will follow, which provides for a Drilling Well Rate of \$8,000 per month and a Producing Well Rate of \$800 per month. Please enclose your most current well information requirements so that we may supply well data when available.

In lieu of participating, Mewbourne hereby offers \$3,000 per net acre for a three (3) year paid-up Term Assignment, providing for a ¼ royalty interest and covering all of your interest in the referenced Section 10. This offer is subject to title review and final management approval.

Please contact me at (432) 682-3715 or via email at tiolly@mewbourne.com if you have any questions.

Very truly yours,

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MEWBOURNE OIL COMPANY

6 Tyler Jolly Landman



March 28, 2019

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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 5039 2745 32**.

Item Details	
Status:	Delivered
Status Date / Time:	March 28, 2019, 5:06 pm
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	Christine Barnes Motycka SSP
Shipment Details	
Weight:	2.0oz
Recipient Signature	
Signature of Recipient:	Elas Barros Bline Barros
Address of Recipient:	to Bassos Midir Manao
Note: Scanned image may reflect a different destinat	tion 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

> Christine Barnes Motycka, SSP of the Laurie B. Barr family trust PO BOX 505 Midland, TX 79702 Reference #: PERAZZI 9 10 B2LI B2MP 1H PROP TJ Item ID: PERAZZI 9 10 B2LI B2MP 1H PROP

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

March 14, 2019

Certified Mail

Eric Chancy Croft and Elizabeth Anne Williamson, Co-Trustees of the Charla Geraldine Williamson Trust P.O. Box 16 Midland, Texas 79702

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company, as Operator, hereby proposes drilling the following two (2) horizontal Bone Spring tests:

- Perazzi 9-10 B2LI Fed Com #1H APD in process Surface Location: 1650' FSL, 35' FWL, Section 9, UL L Bottom Hole Location: 1650' FSL, 100' FEL, Section 10, UL I Proposed Total Vertical Depth: 7904' Proposed Total Measured Depth: 18124' Formation: Bone Spring
- 2) Perazzi 9-10 B2MP Fed Com #1H APD in process Surface Location: 1620' FSL, 35' FWL, Section 9, UL M Bottom Hole Location: 500' FSL, 100' FEL, Section 10, UL P Proposed Total Vertical Depth: 7913' Proposed Total Measured Depth: 18405' Formation: Bone Spring

In the event you elect to participate in the proposed wells, please execute the enclosed AFEs and return them to the undersigned within thirty (30) days. Our Joint Operating Agreement will follow, which provides for a Drilling Well Rate of \$8,000 per month and a Producing Well Rate of \$800 per month. Please enclose your most current well information requirements so that we may supply well data when available.

In lieu of participating, Mewbourne hereby offers \$3,000 per net acre for a three (3) year paid-up Term Assignment, providing for a ¼ royalty interest and covering all of your interest in the referenced Section 10. This offer is subject to title review and final management approval.

Please contact me at (432) 682-3715 or via email at tiolly@mewbourne.com if you have any questions.

Very truly yours,

°, •,

MEWBOURNE OIL COMPANY

Tyler Jolly Landman



March 26, 2019

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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 5039 2680 36**.

Item Details	
Status:	Delivered
Status Date / Time:	March 26, 2019, 12:16 pm
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail [®]
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	CoTrustees of Williamson Trust
Shipment Details	
Weight:	2.0oz
Recipient Signature	
Cirrentum of Desiriants	Chohi Man- Listie Moore
Signature of Recipient:	Liste Moore
Address of Recipient:	P.D. Boxil
Note: Scanned image may reflect a different destinat	ion 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

> CoTrustees of Williamson Trust Eric Chancy Croft & Elizabeth Williamson PO BOX 16 MIDLAND, TX 79702 Reference #: PERAZZI 9 10 B2LI B2MP 1H PROP TJ Item ID: PERAZZI 9 10 B2LI B2MP 1H PROP

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

April 4, 2019

Certified Mail

Estate of Lois Geraldine Williamson, Deceased 3502 Mary Mont Drive San Antonio, TX 78217

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

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- 2) Perazzi 9-10 B2MP Fed Com #1H APD in process Surface Location: 1620' FSL, 35' FWL, Section 9, UL M Bottom Hole Location: 500' FSL, 100' FEL, Section 10, UL P Proposed Total Vertical Depth: 7913' Proposed Total Measured Depth: 18405' Formation: Bone Spring

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In lieu of participating, Mewbourne hereby offers \$3,000 per net acre for a three (3) year paid-up Term Assignment, providing for a ¼ royalty interest and covering all of your interest in the referenced Section 10. This offer is subject to title review and final management approval.

Please contact me at (432) 682-3715 or via email at tjolly@mewbourne.com if you have any questions.

Very truly yours,

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MEWBOURNE OIL COMPANY

Tyler Jolly Landman



April 22, 2019

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Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking numbe	r:
9414 8106 9994 5039 7423 83.	

Item Details	
Status:	Delivered, Left with Individual
Status Date / Time:	April 22, 2019, 3:17 pm
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	Estate of Lois Geraldine Williamson deceased
Shipment Details	
Weight:	2.0oz
Recipient Signature	
Signature of Recipient:	Allen Hula
Address of Recipient:	SODEMAS
Note: Scanned image may reflect a different destination	tion 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

> Estate of Lois Geraldine Williamson, deceased 3502 MARYMONT DR SAN ANTONIO, TX 78217 Reference #: Perazzi 9 10 Proposals Item ID: Perazzi 9 10 Proposals

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

March 14, 2019

Certified Mail

۰,

Jeffrey M. Johnston, MSU 3708 Cardinal Lane Midland, Texas 79707

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

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- 2) Perazzi 9-10 B2MP Fed Com #1H APD in process Surface Location: 1620' FSL, 35' FWL, Section 9, UL M Bottom Hole Location: 500' FSL, 100' FEL, Section 10, UL P Proposed Total Vertical Depth: 7913' Proposed Total Measured Depth: 18405' Formation: Bone Spring

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In lieu of participating, Mewbourne hereby offers \$3,000 per net acre for a three (3) year paid-up Term Assignment, providing for a ¼ royalty interest and covering all of your interest in the referenced Section 10. This offer is subject to title review and final management approval.

Please contact me at (432) 682-3715 or via email at tjolly@mewbourne.com if you have any questions.

Very truly yours,

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MEWBOURNE OIL COMPANY

Tyler Jolly Landman



April 11, 2019

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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 5039 7426 04**.

Item Details	
Status:	Delivered
Status Date / Time:	April 11, 2019, 2:02 pm
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	Mr and Mrs Jeffrey Johnston
Shipment Details	
Weight:	2.0oz
Recipient Signature	전에 가지 않는 것은 가장 정말 가 있는 것이 없는 것이 같이 있다.
	Jauha Ophicton
Signature of Recipient:	Strugged Stratstory
	וא(ואביאוזיג וראיייונ)
Address of Recipient:	Dox 1324

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

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

> Mr. and Mrs. Jeffrey Johnston PO Box 1324 Midland, TX 79702 Reference #: Perazzi 9 10 Proposals Item ID: Perazzi 9 10 Proposals

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

March 14, 2019

Certified Mail

Julie Ellen Barnes, SSP P.O. Box 505 Midland, Texas 79702

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company, as Operator, hereby proposes drilling the following two (2) horizontal Bone Spring tests:

- Perazzi 9-10 B2LI Fed Com #1H APD in process Surface Location: 1650' FSL, 35' FWL, Section 9, UL L Bottom Hole Location: 1650' FSL, 100' FEL, Section 10, UL I Proposed Total Vertical Depth: 7904' Proposed Total Measured Depth: 18124' Formation: Bone Spring
- 2) Perazzi 9-10 B2MP Fed Com #1H APD in process Surface Location: 1620' FSL, 35' FWL, Section 9, UL M Bottom Hole Location: 500' FSL, 100' FEL, Section 10, UL P Proposed Total Vertical Depth: 7913' Proposed Total Measured Depth: 18405' Formation: Bone Spring

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In lieu of participating, Mewbourne hereby offers \$3,000 per net acre for a three (3) year paid-up Term Assignment, providing for a ¼ royalty interest and covering all of your interest in the referenced Section 10. This offer is subject to title review and final management approval.

Please contact me at (432) 682-3715 or via email at tjolly@mewbourne.com if you have any questions.

Very truly yours,

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MEWBOURNE OIL COMPANY

Tyler Jolly

Landman



March 28, 2019

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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 5039 2707 01**.

Item Details	
Status:	Delivered
Status Date / Time:	March 28, 2019, 5:06 pm
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	Julie Ellen Barnes SSP
Shipment Details	
Weight:	2.0oz
Recipient Signature	
Signature of Recipient:	Elas Ban Eline Barros
Address of Recipient:	to. Bousos Midimitturio
Note: Scanned image may reflect a different destina	tion address due to Intended Recipient's delivery instructions on file.

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

Iulia Ellen Darnes CCD
Julie Ellen Barnes, SSP
PO BOX 505
Midland, TX 79702
Reference #: PERAZZI 9 10 B2LI B2MP 1H PROP TJ
Item ID: PERAZZI 9 10 B2LI B2MP 1H PROP

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

March 14, 2019

Certified Mail

Michael A. Short, MSU 1309 Brighton Place Midland, Texas 79705

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

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Please contact me at (432) 682-3715 or via email at tiolly@mewbourne.com if you have any questions.

Only received signature page for one address

Very truly yours,

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MEWBOURNE OIL COMPANY Tyler Jolly Landman

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

April 4, 2019

Certified Mail

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Michael A. Short 110 N. Marienfield, Suite 200 Midland, TX 79701

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

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Very truly yours,

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MEWBOURNE OIL COMPANY

Tyler Jolly Landman



April 8, 2019

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 5039 7424 75**.

Item Details Status: Delivered, Left with Individual Status Date / Time: April 8, 2019, 11:31 am Location: MIDLAND, TX 79701 **Postal Product:** First-Class Mail® Extra Services: Certified Mail™ **Return Receipt Electronic Recipient Name:** Michael A Short Shipment Details Weight: 2.0oz **Recipient Signature** Signature of Recipient: Address of Recipient:

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

> Michael A. Short 110 N MARIENFELD ST STE 200 MIDLAND, TX 79701 Reference #: Perazzi 9 10 Proposals Item ID: Perazzi 9 10 Proposals



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

March 14, 2019

Certified Mail

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Ralph E. Williamson Testamentary Trust P.O. Box 1959 Midland, Texas 79702

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

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Please contact me at (432) 682-3715 or via email at tjolly@mewbourne.com if you have any questions.

Very truly yours,

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MEWBOURNE OIL COMPANY

Tyler Jolly Landman



March 28, 2019

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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 5039 2720 71**.

Item Details	
Status:	Delivered
Status Date / Time:	March 28, 2019, 11:29 am
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail [®]
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	Ralph E Williamson
Shipment Details	
Weight:	2.0oz
Recipient Signature	
Signature of Recipient:	Epin full Elv: or Port: 1/2
Address of Recipient:	1950

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> Ralph E. Williamson Testamentary Trust PO BOX 1959 MIDLAND, TX 79702 Reference #: PERAZZI 9 10 B2LI B2MP 1H PROP TJ Item ID: PERAZZI 9 10 B2LI B2MP 1H PROP

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

March 14, 2019

Certified Mail

Sand Dollar Petroleum, Inc. P.O. Box 1324 Midland, TX 79702

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

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Please contact me at (432) 682-3715 or via email at tiolly@mewbourne.com if you have any questions.

Perazzi 9-10 B2L1 Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H March 13, 2019 Page 2 of 2

Very truly yours,

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MEWBOURNE OIL COMPANY Tyler Jolly Landman



May 3, 2019

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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 5040 0489 93**.

Item Details	
Status:	Delivered
Status Date / Time:	May 3, 2019, 1:55 pm
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	Sand Dollar Petroleum Inc
Shipment Details	
Weight:	2.0oz
Recipient Signature	
Signature of Recipient:	Sandier () clusiton.
Address of Recipient:	" I'D BOX 1322

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

> Sand Dollar Petroleum Inc. PO BOX 1324 MIDLAND, TX 79702 Reference #: Perazzi 9 10 B2LI 1H Perazzi 9 10 B2MP 1H TJ Item ID: B2LI 1H Perazzi 9 10 B2MP 1H TJ

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

March 14, 2019

Certified Mail

Siete Oil and Gas Corporation P.O. Box 2473 Midland, Texas 79702

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

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Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H March 13, 2019 Page 2 of 2

Very truly yours,

MEWBOURNE OIL COMPANY Tyler Jolly Landman



March 29, 2019

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 5039 2746 93.

Item Details Status: Delivered Status Date / Time: March 29, 2019, 8:48 am Location: MIDLAND, TX 79701 **Postal Product:** First-Class Mail® **Extra Services:** Certified Mail™ **Return Receipt Electronic Recipient Name:** Siete Oil and Gas Corporation **Shipment Details** Weight: 2.0oz **Recipient Signature** S Sho to Signature of Recipient: C.v. Shumate PORy 2003 Address of Recipient: MULAN TX 79702

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

> Siete Oil and Gas Corporation PO BOX 2473 MIDLAND, TX 79702 Reference #: PERAZZI 9 10 B2LI B2MP 1H PROP TJ Item ID: PERAZZI 9 10 B2LI B2MP 1H PROP

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

March 14, 2019

Certified Mail

Steven C. Barnes, SSP P.O. Box 505 Midland, Texas 79702

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

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Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H March 13, 2019 Page 2 of 2

Very truly yours,

MEWBOURNE OIL COMPANY

Tyler Jolly Landman



March 28, 2019

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 5039 2748 22.

Item Details Status: Delivered Status Date / Time: March 28, 2019, 5:06 pm Location: MIDLAND, TX 79702 Postal Product: First-Class Mail® **Extra Services:** Certified Mail™ **Return Receipt Electronic Recipient Name:** Steven C Barnes SSP **Shipment Details** Weight: 2.0oz **Recipient Signature** Elas Bana Signature of Recipient: 51mme Barnes Address of Recipient:

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

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

> Steven C. Barnes, SSP PO BOX 505 Midland, TX 79702 Reference #: PERAZZI 9 10 B2LI B2MP 1H PROP TJ Item ID: PERAZZI 9 10 B2LI B2MP 1H PROP

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

April 4, 2019

Regular Mail

Estate of Ralph E. Williamson, Deceased 5 Stratton Street Floor 1 London, UK W1J 8LA

Re: Proposed Horizontal Bone Spring Tests Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H S2 of Section 9 & S2 of Section 10 T20S, R29E, Eddy County, New Mexico

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Perazzi 9-10 B2LI Fed Com #1H Perazzi 9-10 B2MP Fed Com #1H March 13, 2019 Page 2 of 2

Very truly yours,

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MEWBOURNE OIL COMPANY

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Tyler Jolly Landman

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AUTHORIZATION FOR EXPENDITURE

Sec. 9/10 Bik: Survey: TWP: 20S INTANGIBLE COSTS 0180 Regulatory Permits & Surveys 0 cocation / Read / Site / Preparation occation / Read / Site / Preparation Output Add Chemical & Additives Official Chemical & Additives <td< th=""><th>Inty: Eddy RNG: 29 CODE D180-0100 D180-0105 D180-0105 D180-0105 D180-0105 D180-0105 D180-0105 D180-0107 D180-0120 D180-0120 D180-0120 D180-0130 D180-0130 D180-0134 D180-0134 D180-0148 D180-0155 D180-0165 D180-0165 D180-0165 D180-0165 D180-0165 D180-0165 D180-0175 D180-0175 D180-0175 D180-0180 D180-0175 D180-0180 D180-0199 D180-0</th><th>Prop. TV/ TCP \$20,000 \$70,000 \$200,000 \$200,000 \$174,200 \$200,000 \$174,200 \$200,000 \$25,000 \$20,000 \$20,000 \$40,000 \$100,000 \$40,000 \$150,000 \$150,000 \$283,500 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$25,000 \$48,000 \$25,000 \$48,000 \$25,000 \$48,000 \$25,000 \$25,000 \$25,000 \$48,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$30,000 \$15,000 \$15,000 \$15,000 \$15,000 \$25,000 \$15,000 \$25,000 \$15,000 \$15,000 \$25,000 \$15,000 \$15,000 \$25,000 \$25,000 \$15,000 \$25,000</th><th>CODE 0180-0200 0180-0205 0180-0210 0180-0210 0180-0210 0180-0210 0180-0210 0180-0210 0180-0221 0180-0222 0180-0223 0180-0241 0180-0241 0180-0245 0180-0246 0180-0250 0180-0256 0180-0256 0180-0256 0180-0265 0180-0266 0180-0280 0180-0280 0180-0281 0180-0285 0180-0280 0180-0281 0180-0282 0180-0284 0180-0285 0180-0290 0180-0291 0180-0292 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180</th><th>ST: NM TMD: 18405 CC \$25,(\$30,(\$400,(\$250,(\$30,(\$205,(\$90,(\$205,(\$90,(\$20,0,(\$20,0,(\$20,0,(\$20,0,(\$10,5,0,(\$30,0,(\$10,5,0,(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(),(),(),(),(),(),(),(),(),(),(),(),</th></td<>	Inty: Eddy RNG: 29 CODE D180-0100 D180-0105 D180-0105 D180-0105 D180-0105 D180-0105 D180-0105 D180-0107 D180-0120 D180-0120 D180-0120 D180-0130 D180-0130 D180-0134 D180-0134 D180-0148 D180-0155 D180-0165 D180-0165 D180-0165 D180-0165 D180-0165 D180-0165 D180-0175 D180-0175 D180-0175 D180-0180 D180-0175 D180-0180 D180-0199 D180-0	Prop. TV/ TCP \$20,000 \$70,000 \$200,000 \$200,000 \$174,200 \$200,000 \$174,200 \$200,000 \$25,000 \$20,000 \$20,000 \$40,000 \$100,000 \$40,000 \$150,000 \$150,000 \$283,500 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$48,000 \$283,500 \$25,000 \$25,000 \$48,000 \$25,000 \$48,000 \$25,000 \$48,000 \$25,000 \$25,000 \$25,000 \$48,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$30,000 \$15,000 \$15,000 \$15,000 \$15,000 \$25,000 \$15,000 \$25,000 \$15,000 \$15,000 \$25,000 \$15,000 \$15,000 \$25,000 \$25,000 \$15,000 \$25,000	CODE 0180-0200 0180-0205 0180-0210 0180-0210 0180-0210 0180-0210 0180-0210 0180-0210 0180-0221 0180-0222 0180-0223 0180-0241 0180-0241 0180-0245 0180-0246 0180-0250 0180-0256 0180-0256 0180-0256 0180-0265 0180-0266 0180-0280 0180-0280 0180-0281 0180-0285 0180-0280 0180-0281 0180-0282 0180-0284 0180-0285 0180-0290 0180-0291 0180-0292 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180	ST: NM TMD: 18405 CC \$25,(\$30,(\$400,(\$250,(\$30,(\$205,(\$90,(\$205,(\$90,(\$20,0,(\$20,0,(\$20,0,(\$20,0,(\$10,5,0,(\$30,0,(\$10,5,0,(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(\$30,0,(),(),(),(),(),(),(),(),(),(),(),(),(),
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys Or .ocation / Road / Site / Preparation Or .ocation / Restoration Or Jaywork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d Or Jaywork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d Or Jaywork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d Or Jaywork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d Or Jaywork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d Or Jornald Drillout Services Or Or Or Jay	CODE CODE CODE CODE CODE CODE CODE CODE	TCP \$20,000 \$70,000 \$593,000 \$174,200 \$200,000 \$125,000 \$22,500 \$2,500 \$20,000 \$100,000 \$40,000 \$100,000 \$150,000 \$150,000 \$40,000 \$150,000 \$40,000 \$150,000 \$40,000 \$150,000 \$150,000 \$283,500 \$250,000 \$253,500 \$250,000 \$253,500 \$250,000 \$253,500 \$250,000 \$253,500 \$250,000 \$253,500 \$250,000 \$253,500 \$250,000 \$253,500 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$20,000 \$250,000 \$20,0000 \$20,0000 \$20,0000 \$20,0000 \$20,0000 \$20,0000 \$20,0000	CODE 0180-0200 0180-0205 0180-0210 0180-0210 0180-0210 0180-0210 0180-0210 0180-0210 0180-0221 0180-0222 0180-0223 0180-0241 0180-0241 0180-0245 0180-0246 0180-0250 0180-0256 0180-0256 0180-0256 0180-0265 0180-0266 0180-0280 0180-0280 0180-0281 0180-0285 0180-0280 0180-0281 0180-0282 0180-0284 0180-0285 0180-0290 0180-0291 0180-0292 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180	CC \$25,0 \$30,0 \$250,0 \$30,0 \$205,0 \$205,0 \$200,0 \$205,0 \$200,0 \$20,0 \$20,0 \$30,0 \$10,5 \$20,0 \$10,5 \$30,0 \$10,0 \$30,0 \$10,0 \$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$30,0\$\$\$30,0\$\$\$30,0\$\$\$\$30,0\$\$\$\$\$\$\$\$
Regulatory Permits & Surveys Origonal Occation / Road / Site / Preparation 00 Occation / Road / Site / Preparation 00 Oscation / Road / Site / Preparation 00 Oaywork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d 00 Out of the interview 00 00 00 Val And Chemical & Additives 00 00 forizontal Drillout Services 00 00 00 Saing / Tubing / Snubbing Service 00 00 00 Aud Logging 00 00 00 00 Stimulation Rentals & Other 00 00 00 00 Stimulation Rentals & Other 01 01 01 01 Stimulation Rentals & Other 01 01 01 01 Stimulation Rentals & Other 01 01 01 01 Stimulation 50 Stg 20.4 MM gai / 20.4 MM lb 01 01 Stimulation 50 Stg 20.4 MM gai / 20.4 MM lb 01 01 Stimulation 50	0180-0100 1180-0105 1180-0105 1180-0106 0180-0110 1180-0120 1180-0125 1180-0125 1180-0134 1180-0134 1180-0134 1180-0134 1180-0145 1180-0155 1180-0154 1180-0155 1180-0158	\$20,000 \$70,000 \$200,000 \$174,200 \$200,000 \$125,000 \$2,500 \$20,000 \$30,000 \$40,000 \$15,000 \$15,000 \$15,000 \$48,000 \$48,000 \$283,500 \$250,000 \$250,000 \$5,000 \$5,000 \$5,000 \$153,600 \$1153,600 \$10,000	0180-0200 0180-0206 0180-0205 0180-0205 0180-0210 0180-0214 0180-0220 0180-0220 0180-0221 0180-0220 0180-0221 0180-0221 0180-0223 0180-0241 0180-0241 0180-0245 0180-0246 0180-0246 0180-0250 0180-0265 0180-0265 0180-0266 0180-0268 0180-0288 0180-0284 0180-0286 0180-0290 0180-0292 0180-0292 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293	\$25,0 \$30,0 \$250,0 \$205,0 \$205,0 \$205,0 \$205,0 \$205,0 \$205,0 \$200,0 \$200,0 \$200,0 \$200,0 \$300,0 \$10,5 \$300,0 \$300,
ocation / Road / Site / Preparation 0 ocation / Restoration 0 agwork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d 0 Yawork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d 0 Yuel 1700 gal/day @ 2.74/gal 0 Yuel 0 0 Joint Drillout Services 0 0 asing / Tubing / Snubbing Service 0 0 Yuel Logging 0 0 0 timulation 50 Stg 20.4 MM gal / 20.4 MM lb 0 timulation Rentals & Other 0 0 0 0 vater & Other 0 0 0 0 0 its. Air & Pumping Services 0 0 0 0 ransportation 0 0 0 0 0 upiment Rental 0 0 0 0 0 veli / Lease Insurance 0 0 0 0 0 upipment Rental 0 0 <	0180-0105 0180-0106 0180-0110 0180-0110 0180-0112 0180-0120 0180-0125 0180-0125 0180-0130 0180-0137 0180-0145 0180-0145 0180-0150 0180-0154 0180-0154 0180-0155 0180-0164 0180-0155 0180-0168 0180-0168 0180-0168 0180-0168 0180-0185 0180-0185 0180-0185 0180-0185 0180-0192 0180-0192 0180-0192 0180-0199 0180-0199 0180-0199	\$70,000 \$200,000 \$174,200 \$174,200 \$200,000 \$125,000 \$22,500 \$20,000 \$30,000 \$100,000 \$100,000 \$15,000 \$15,000 \$15,000 \$283,500 \$255,000 \$283,500 \$255,000 \$255,000 \$153,600 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$51,700	0180-0205 0180-0206 0180-0210 0180-0210 0180-0220 0180-0220 0180-0220 0180-0220 0180-0220 0180-0220 0180-0220 0180-0234 0180-0241 0180-0246 0180-0248 0180-0250 0180-0256 0180-0265 0180-0268 0180-0268 0180-0280 0180-0280 0180-0280 0180-0281 0180-0280 0180-0281 0180-0282 0180-0283 0180-0290 0180-0292 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293	\$30,(\$79,(\$400,(\$250,(\$205,(\$205,(\$200,(\$200,(\$200,(\$660,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$30,(\$10,(\$30,(\$30,(\$10,(\$30,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,()),(\$10,()),(),(),(),(),(),(),(),(),(),(),(),()
Ocation / Restoration 0 Daywork / Turnkey / Footage Drilling 30 days drig / 4 days comp @ \$18,500/d 0 Order 1700 gal/day @ 2.74/gal 0 Idud, Chemical & Additives 0 0 Iorizontal Drillout Services 0 0 Zementing 0 0 ogging & Wireline Services 0 0 Asing / Tubing / Snubbing Service 0 0 Mud Logging 0 0 0 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb 0 Stimulation Rentals & Other 0 0 0 0 Vater & Other 0 0 0 0 0 Stimulation Rentals & Other 0 0 0 0 0 Step of Nowack Services 0 0 0 0 0 0 Step of Nowack Services 0 0 0 0 0 0 Step of Nowack Services 0 0 0 0 0 0	0180-0106 0180-0110 0180-0110 0180-0120 0180-0122 0180-0130 0180-0130 0180-0131 0180-0145 0180-0145 0180-0145 0180-0154 0180-0154 0180-0154 0180-0155 0180-0164 0180-0155 0180-0164 0180-0165 0180-0168 0180-0185 0180-0185 0180-0185 0180-0185 0180-0185 0180-0199 0180-0199 0180-0199 0180-0199 0180-0199	\$200,000 \$593,000 \$174,200 \$200,000 \$125,000 \$2,500 \$2,500 \$30,000 \$100,000 \$100,000 \$100,000 \$100,000 \$15,000 \$15,000 \$30,000 \$283,500 \$250,000 \$283,500 \$250,000 \$25,000 \$153,600 \$1153,600 \$11,000 \$51,700	0180-0206 0180-0210 0180-0210 0180-0210 0180-0220 0180-0220 0180-0220 0180-0220 0180-0230 0180-0230 0180-0241 0180-0241 0180-0242 0180-0245 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0280 0180-0280 0180-0280 0180-0290 0180-0293 0180-0293 0180-0293 0180-0293	\$30,(\$79,(\$400,(\$250,(\$205,(\$205,(\$200,(\$200,(\$200,(\$660,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$30,(\$10,(\$30,(\$30,(\$10,(\$30,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,(\$30,(\$10,()),(\$10,()),(),(),(),(),(),(),(),(),(),(),(),()
Daywork / Turnkey / Footage Drilling 30 days drtg / 4 days comp @ \$18,500/d 0 Truel 1700 gal/day @ 2.74/gal 0 Aud, Chemical & Additives 0 0 Jorizontal Drillout Services 0 0 Zeging & Wireline Services 0 0 Jasing / Tubing / Snubbing Service 0 0 Aud Logging 0 0 0 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb 0 Stimulation Rentals & Other 0 0 Vater & Other 0 0 Stimulation Rentals & Other 0 0 Vater & Other 0 0 Stimulation Rentals & Other 0 0 Vater & Other 0 0 Stimulation Rentals & Other 0 0 Stimulation Rentals & Stores 0 0 Stimulation 0 0 0 Stimulation 0 0 0 Stimulation 0 0 0 Stimulation 0 0	0180-0110 1180-0110 1180-0120 1180-0125 1180-0130 1180-0130 1180-0134 1180-0134 1180-0154 1180-0154 1180-0155 1180-0155 1180-0155 1180-0156 1180-0155 1180-0156 1180-0155 1180-0158 1180-0158 1180-0158 1180-0188 1180-0189 1180-0199 1180-0195 1180-0199 1180-0199	\$593,000 \$174,200 \$200,000 \$125,000 \$22,500 \$20,000 \$30,000 \$100,000 \$40,000 \$100,000 \$15,000 \$15,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$5,000 \$48,000 \$283,500 \$250,000 \$48,000 \$26,000 \$5,000\$\$5,00\$	0180-0210 0180-0220 0180-0220 0180-0220 0180-0225 0180-0230 0180-0230 0180-0230 0180-0242 0180-0242 0180-0242 0180-0242 0180-0245 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0290 0180-0293 0180-0293 0180-0293 0180-0299 0180-0299	\$79.(\$400.(\$250.(\$205.(\$205.(\$205.(\$205.(\$205.(\$205.(\$200.(\$200.(\$200.(\$200.(\$30.() \$30.()) \$30.() \$30.()) \$30.() \$30.()) \$30.() \$30.()) \$30.()) \$30.()] \$30.
Tuel 1700 gal/day @ 2.74/gal 0 Aud, Chemical & Additives 0 Iorizontal Drillout Services 0 Dementing 0 Ougging & Wireline Services 0 Aud Logging 0 Stimulation 50 Stg 20.4 MM gal / 20.4 MM ib Stimulation 50 Stg 20.4 MM gal / 20.4 MM ib Stimulation 50 Stg 20.4 MM gal / 20.4 MM ib Stimulation 50 Stg 20.4 MM gal / 20.4 MM ib Stimulation 60 Stimobilization 60	0180-0114 0180-0120 0180-0125 0180-0135 0180-0134 0180-0137 0180-0145 0180-0145 0180-0145 0180-0145 0180-0154 0180-0154 0180-0154 0180-0155 0180-0168 0180-0175 0180-0180 0180-0180 0180-0188 0180-0192 0180-0192 0180-0199 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190	\$174,200 \$200,000 \$125,000 \$2,500 \$20,000 \$30,000 \$100,000 \$100,000 \$15,000 \$15,000 \$48,000 \$48,000 \$283,500 \$250,000 \$5,000\$\$5,	0180-0214 0180-0220 0180-0222 0180-0230 0180-0230 0180-0230 0180-0234 0180-0241 0180-0245 0180-0245 0180-0245 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0265 0180-0260 0180-0280 0180-0280 0180-0280 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293 0180-0293	\$400,(\$250,(\$30,(\$205,(\$90,(\$200,(\$200,(\$200,(\$200,(\$30,(\$10,5 \$10,5 \$30,(\$10,5 \$30,(\$10,5 \$30,(\$15,0 \$30,(\$30,(\$15,0 \$30,(\$30,(\$15,0) \$30,(\$15,0) \$30,(\$15,0) \$30,(\$15,0) \$30,(\$15,0) \$30,(\$15,0) \$30,(\$10,0) \$30,(\$30,0) \$30,(\$10,0)\$30,(\$10,0)\$30
Aud, Chemical & Additives 0 Iorizontal Drillout Services 0 Jementing 01 ogging & Wireline Services 01 Aud Logging 01 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb Stimulation Rentals & Other 01 Vater & Other 01 Stimulation Rentals & Other 01 Vater & Other 01 Sits 01 Stimulation Rentals & Other 01 Vater & Other 01 Sits 01 Stay Mobilization 01 rearsportation 01 Velding Services Supervision Ontract Services & Supervision 01 Outrect Services & Supervision 01 Vell / Lea	0180-0120 0180-0125 0180-0130 0180-0134 0180-0134 0180-0137 0180-0145 0180-0145 0180-0150 0180-0154 0180-0154 0180-0154 0180-0155 0180-0168 0180-0168 0180-0180 0180-0180 0180-0184 0180-0185 0180-0185 0180-0188 0180-0192 0180-0192 0180-0192 0180-0192 0180-0199 0180-0199 0180-0199 0180-0199	\$200,000 \$125,000 \$2,500 \$20,000 \$30,000 \$100,000 \$100,000 \$15,000 \$15,000 \$40,000 \$30,000 \$40,000 \$283,500 \$250,000 \$250,000 \$5,000 \$5,000 \$5,000 \$5,000 \$153,600 \$10,000 \$1,000 \$1,000 \$51,700	0180-0220 0180-0222 0180-0222 0180-0223 0180-0230 0180-0234 0180-0241 0180-0241 0180-0245 0180-0245 0180-0246 0180-0250 0180-0250 0180-0256 0180-0265 0180-0265 0180-0268 0180-0280 0180-0280 0180-0280 0180-0292 0180-0293 0180-0293 0180-0293	\$250,0 \$30,0 \$205,0 \$205,0 \$205,0 \$200,0 \$200,0 \$30,0 \$10,5 \$20,0 \$10,5 \$20,0 \$15,0 \$30,0 \$30
Idorizontal Drillout Services 0 Dementing 01 Origing & Wireline Services 01 Aud Logging 01 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb Stimulation Rentals & Other 01 Vater & Other 01 Bits 01 Stimulation & Repair Services 01 String & Flowback Services 01 Completion / Workover Rig 01 Sig Mobilization 01 ransportation 01 Velding Services 01 Contract Services & Supervision 01 Directional Services 01 Oothad Services 01 <	0180-0125 0180-0130 0180-0130 0180-0134 0180-0145 0180-0145 0180-0145 0180-0154 0180-0154 0180-0154 0180-0155 0180-0156 0180-0156 0180-0156 0180-0156 0180-0184 0180-0185 0180-0192 0180-0192 0180-0192 0180-0195 0180-0199	\$125,000 \$2,500 \$20,000 \$30,000 \$40,000 \$100,000 \$15,000 \$15,000 \$15,000 \$283,500 \$250,000 \$283,500 \$250,000 \$283,500 \$153,600 \$10,000 \$11,000 \$51,700	0180-0222 0180-0225 0180-0230 0180-0234 0180-0241 0180-0242 0180-0248 0180-0248 0180-0250 0180-0250 0180-0256 0180-0256 0180-0265 0180-0265 0180-0265 0180-0280 0180-0280 0180-0280 0180-0290 0180-0293 0180-0293 0180-0293 0180-0298	\$30,0 \$205,0 \$90,0 \$2,520,0 \$200,0 \$660,0 \$30,0 \$10,5 \$20,0 \$10,5 \$30,0\$ \$30,0\$ \$30
ogging & Wireline Services 0 Dasing / Tubing / Snubbing Service 01 Aud Logging 01 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb Stimulation Rentals & Other 01 Stimulation 01 <td>0180-0130 0180-0134 1180-0137 0180-0145 0180-0145 0180-0145 0180-0150 0180-0154 0180-0154 0180-0165 0180-0165 0180-0165 0180-0165 0180-0165 0180-0184 0180-0184 0180-0189 0180-0192 0180-0195 0180-0195 0180-0199 0180-0199 0180-0199</td> <td>\$2,500 \$20,000 \$30,000 \$100,000 \$40,000 \$15,000 \$15,000 \$48,000 \$283,500 \$250,000 \$48,000 \$283,500 \$250,000 \$48,000 \$5,000\$\$5,00</td> <td>0180-0225 0180-0230 0180-0230 0180-0234 0180-0241 0180-0242 0180-0245 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0280 0180-0280 0180-0280 0180-0293 0180-0293 0180-0293 0180-0298</td> <td>\$30,0 \$205,0 \$90,0 \$2,520,0 \$200,0 \$660,0 \$30,0 \$10,5 \$20,0 \$10,5 \$30,0\$ \$30,0\$ \$30</td>	0180-0130 0180-0134 1180-0137 0180-0145 0180-0145 0180-0145 0180-0150 0180-0154 0180-0154 0180-0165 0180-0165 0180-0165 0180-0165 0180-0165 0180-0184 0180-0184 0180-0189 0180-0192 0180-0195 0180-0195 0180-0199 0180-0199 0180-0199	\$2,500 \$20,000 \$30,000 \$100,000 \$40,000 \$15,000 \$15,000 \$48,000 \$283,500 \$250,000 \$48,000 \$283,500 \$250,000 \$48,000 \$5,000\$\$5,00	0180-0225 0180-0230 0180-0230 0180-0234 0180-0241 0180-0242 0180-0245 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0280 0180-0280 0180-0280 0180-0293 0180-0293 0180-0293 0180-0298	\$30,0 \$205,0 \$90,0 \$2,520,0 \$200,0 \$660,0 \$30,0 \$10,5 \$20,0 \$10,5 \$30,0\$ \$30,0\$ \$30
orgging & Wireline Services 01 Dasing / Tubing / Snubbing Service 01 Md Logging 01 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb Stimulation Rentals & Other 01 Vater & Other 01 Stimulation Rentals & Other 01 Vater & Other 01 Sits 01 Description / Workover Rig 01 Sig Mobilization 01 'ransportation 01 Velding Services 01 Completion / Workover Rig 01 Sig Mobilization 01 'ransportation 01 Velding Services 01 Contract Services & Supervision 01 Sincetional Services Includes Vertical Control Guipment Rental 01 Vell / Lease Insurance 01 Itangible Supplies 01 Jamages 01 Other Keed Rate 01 Vell Abandonment 01 Contingencies 2% (TCP) 2% (CC)	0180-0130 0180-0134 1180-0137 0180-0145 0180-0145 0180-0145 0180-0150 0180-0154 0180-0154 0180-0165 0180-0165 0180-0165 0180-0165 0180-0165 0180-0184 0180-0184 0180-0189 0180-0192 0180-0195 0180-0195 0180-0199 0180-0199 0180-0199	\$2,500 \$20,000 \$30,000 \$100,000 \$40,000 \$15,000 \$15,000 \$48,000 \$283,500 \$250,000 \$48,000 \$283,500 \$250,000 \$48,000 \$5,000\$\$5,00	0180-0230 0180-0234 0180-0242 0180-0242 0180-0242 0180-0245 0180-0250 0180-0250 0180-0250 0180-0258 0180-0258 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0293 0180-0293 0180-0293 0180-0293	\$205,0 \$90,0 \$2,520,0 \$660,0 \$50,0 \$10,0 \$10,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$30,0 \$15,0 \$10,0 \$15,0 \$10,0 \$15,0 \$10,0 \$15,0 \$10,0 \$15,0 \$10,0 \$15,0 \$10,0\$ \$10,
Dasing / Tubing / Snubbing Service 01 Aud Logging 01 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb Stimulation Rentals & Other 01 Vater & Other 01 Stimulation Rentals & Other 01 Vater & Other 01 Stimulation Rentals & Other 01 Completion / Workover Rig 01 Stimulation 01 Completion / Workover Rig 01 Stimulation 01 Contract Services & Supervision 01 Services Includes Vertical Control 01 Segeen 01 01 Vell / Lease Insurance 01 01 Net / Lease Insurance 01 01 Segeen 01 01 01 Owerhead Fixed Rate 01 01	0180-0134 0180-0137 0180-0145 0180-0145 0180-0148 0180-0150 1180-0154 0180-0154 0180-0154 0180-0165 0180-0168 0180-0168 0180-0180 0180-0180 0180-0180 0180-0188 0180-0192 0180-0192 0180-0199 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190	\$20,000 \$30,000 \$100,000 \$40,000 \$15,000 \$15,000 \$48,000 \$48,000 \$283,500 \$250,000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$153,600 \$153,600 \$1,000	0180-0234 0180-0241 0180-0245 0180-0245 0180-0250 0180-0250 0180-0250 0180-0250 0180-0250 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0292 0180-0293 0180-0293 0180-0293 0180-0299 0180-0299	\$90,0 \$20,520,0 \$200,0 \$660,0 \$30,0 \$10,5 \$20,0 \$10,5 \$20,0 \$15,0 \$30,0 \$30,0 \$15,0 \$30,0 \$30,0 \$15,0 \$30
Aud Logging 01 Stimulation 50 Stg 20.4 MM gal / 20.4 MM lb 01 Stimulation Rentals & Other 01 01 Vater & Other 01 01 Sits 01 01 Completion / Workover Rig 01 Completion / Workover Rig 01 Ontract Services & Supervision 01 Outract Services & Supervision 01 Outract Services & Supervision 01 Vell / Lease Insurance 01 Itangible Supplies 01 Damages 01 OW & Easements 01 Outract Services 2% (TCP) 2% (CC) Other Services 01 01	0180-0137 1180-0145 1180-0145 1180-0150 1180-0154 1180-0154 1180-0164 1180-0165 1180-0168 1180-0168 1180-0180 1180-0180 1180-0180 1180-0185 1180-0185 1180-0192 1180-0192 1180-0192 1180-0199	\$30,000 \$40,000 \$100,000 \$15,000 \$15,000 \$30,000 \$40,000 \$40,000 \$283,500 \$250,000 \$283,500 \$250,000 \$5,000 \$5,000 \$5,000 \$153,600 \$10,000 \$51,700	0180-0241 0180-0242 0180-0245 0180-0248 0180-0250 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0280 0180-0280 0180-0280 0180-0285 0180-0290 0180-0293 0180-0293 0180-0293 0180-0298 0180-0298	\$2,520,0 \$200,0 \$6660,0 \$30,0 \$30,0 \$10,5 \$20,0 \$10,5 \$20,0 \$10,5 \$30,0\$
Stimulation Rentals & Other 000000000000000000000000000000000000	0180-0148 0180-0150 1180-0154 0180-0154 0180-0164 0180-0165 0180-0165 0180-0168 0180-0170 0180-0180 0180-0180 0180-0184 0180-0185 0180-0188 0180-0192 0180-0192 0180-0195 0180-0195 0180-0199 0180-0199	\$40.000 \$100.000 \$40.000 \$15.000 \$30,000 \$5.000 \$283,500 \$250,000 \$25,600 \$5,600 \$5,000 \$153,600 \$10,000 \$51,700	0180-0241 0180-0242 0180-0242 0180-0242 0180-0250 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0265 0180-0280 0180-0280 0180-0280 0180-0290 0180-0293 0180-0295 0180-0298 0180-0298	\$200,0 \$660,0 \$5,0 \$10,0 \$30,0 \$10,5 \$20,0 \$15,0 \$30,0\$ \$30,0\$
Vater & Other 01 Dits 01 Inspection & Repair Services 01 Testing & Flowback Services 01 Completion / Workover Rig 01 Ug Mobilization 01 Transportation 01 Velding Services 01 Completion / Workover Rig 01 Ug Mobilization 01 Transportation 01 Velding Services 01 Contract Services & Supervision 01 Directional Services Includes Vertical Control Ontract Services 01 Vell / Lease Insurance 01 Intagible Supplies 01 Damages 01 Other Rate 01 Overhead Fixed Rate 01 Vell Abandonment 01 Doming (19.1" - 30") 400" - 20" 94# J-55 BT&C @ \$79.04/ft Casing (19.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.99/ft Casing (1.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.99/ft Casing (4.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.99/ft </td <td>0180-0148 0180-0150 1180-0154 0180-0154 0180-0164 0180-0165 0180-0165 0180-0168 0180-0170 0180-0180 0180-0180 0180-0184 0180-0185 0180-0188 0180-0192 0180-0192 0180-0195 0180-0195 0180-0199 0180-0199</td> <td>\$100,000 \$40,000 \$15,000 \$30,000 \$5,000 \$283,500 \$250,000 \$5,000 \$5,000 \$5,000 \$5,000 \$153,600 \$10,000</td> <td>0180-0245 0180-0250 0180-0250 0180-0258 0180-0258 0180-0260 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0293 0180-0293 0180-0293 0180-0299 0180-0299</td> <td>\$200,0 \$660,0 \$5,0 \$10,0 \$30,0 \$10,5 \$20,0 \$15,0 \$30,0\$ \$30,0\$</td>	0180-0148 0180-0150 1180-0154 0180-0154 0180-0164 0180-0165 0180-0165 0180-0168 0180-0170 0180-0180 0180-0180 0180-0184 0180-0185 0180-0188 0180-0192 0180-0192 0180-0195 0180-0195 0180-0199 0180-0199	\$100,000 \$40,000 \$15,000 \$30,000 \$5,000 \$283,500 \$250,000 \$5,000 \$5,000 \$5,000 \$5,000 \$153,600 \$10,000	0180-0245 0180-0250 0180-0250 0180-0258 0180-0258 0180-0260 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0293 0180-0293 0180-0293 0180-0299 0180-0299	\$200,0 \$660,0 \$5,0 \$10,0 \$30,0 \$10,5 \$20,0 \$15,0 \$30,0\$ \$30,0\$
bits 0 nspection & Repair Services 01 filsc. Air & Pumping Services 01 esting & Flowback Services 01 completion / Workover Rig 01 ig Mobilization 01 ransportation 01 Velding Services 01 Ontract Services & Supervision 01 Directional Services Includes Vertical Control Guipment Rental 01 Yell / Lease Legal 01 Vell / Lease Insurance 01 transplot Suppriso 01 Damages 01 Otypervision 01 Diverhead Fixed Rate 01 Vell Abandonment 01 Dontingencies 2% (TCP) 2% (CC) TANGIBLE COSTS 0181 01 asing (10.1" - 19.0") 1085 - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 asing (8.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.99/ft 01 asing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$24.99/ft 01 asing (6.1" - 8.0") 8190' - 7" 29# HCP-110	0180-0148 0180-0150 1180-0154 0180-0154 0180-0164 0180-0165 0180-0165 0180-0168 0180-0170 0180-0180 0180-0180 0180-0184 0180-0185 0180-0188 0180-0192 0180-0192 0180-0195 0180-0195 0180-0199 0180-0199	\$100,000 \$40,000 \$15,000 \$30,000 \$5,000 \$283,500 \$250,000 \$5,000 \$5,000 \$5,000 \$5,000 \$153,600 \$10,000	0180-0248 0180-0250 0180-0250 0180-0250 0180-0260 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0292 0180-0293 0180-0293 0180-0293 0180-0298 0180-0298	\$8.0 \$5.0 \$10.0 \$30.0 \$10.5 \$20.0 \$15.0 \$30.
Image: Services 01 Inspection & Repair Services 01 Inspection / Workover Rig 01 Completion / Workover Rig 01 Sig Mobilization 01 ransportation 01 Velding Services 01 Directional Services & Supervision 01 Directional Services Includes Vertical Control Optiment Rental 01 Vell / Lease Legal 01 OtW & Easements 01 Optimer Rental 01 Vell Abandonment 01 Contingencies 2% (TCP) 2% (CC) TOTAL TANGIBLE COSTS 0181 Casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Casing (11.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$26.99/ft	0180-0150 0180-0154 0180-0164 0180-0165 0180-0165 0180-0165 0180-0165 0180-0170 0180-0170 0180-0180 0180-0184 0180-0185 0180-0192 0180-0192 0180-0192 0180-0195 0180-0199 0180-0199	\$40,000 \$15,000 \$30,000 \$5,000 \$283,500 \$250,000 \$25,000 \$5,000 \$5,000 \$153,600 \$10,000 \$51,700	0180-0250 0180-0254 0180-0258 0180-0260 0180-0265 0180-0265 0180-0268 0180-0280 0180-0280 0180-0280 0180-0288 0180-0290 0180-0292 0180-0293 0180-0293 0180-0298 0180-0298	\$5.0 \$300.0 \$10.5 \$20.0 \$15.0 \$30.0\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$30.0\$\$\$\$30.0\$\$\$\$30.0\$\$\$\$30.0\$\$\$\$30.0\$\$\$\$30.0\$\$\$\$\$\$\$\$
Alisc. Air & Pumping Services 0 Pesting & Flowback Services 01 Completion / Workover Rig 01 Rig Mobilization 01 ransportation 01 Velding Services 01 Directional Services & Supervision 01 Directional Services Includes Vertical Control 01 Quipment Rental 01 Vell / Lease Legal 01 Dyerhead Fixed Rate	0180-0154 1180-0158 1180-0164 1180-0165 1180-0165 1180-0165 1180-0168 1180-0175 1180-0184 1180-0185 1180-0185 1180-0195 1180-0195 1180-0195 1180-0199	\$15,000 \$30,000 \$5,000 \$283,500 \$250,000 \$5,600 \$5,600 \$5,000 \$153,600 \$10,000 \$51,700	0180-0254 0180-0256 0180-0265 0180-0265 0180-0265 0180-0280 0180-0280 0180-0280 0180-0285 0180-0285 0180-0293 0180-0293 0180-0293 0180-0298 0180-0298 0180-0298	\$10,C \$30,C \$10,S \$20,C \$15,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$30,C \$10,S \$30,C \$10,S \$10,C \$10,S \$10,C \$10,C \$30,C \$10,S \$10,C \$30,C \$10,S \$10,C \$30,C
Testing & Flowback Services 01 Completion / Workover Rig 01 Rig Mobilization 01 Transportation 01 Velding Services 01 Contract Services & Supervision 01 Directional Services Includes Vertical Control 01 Quipment Rental 01 01 Vell / Lease Legal 01 01 Vell / Lease Insurance 01 01 Intangible Supplies 01 01 Jamages 01 01 ROW & Easements 01 01 Dyerhead Fixed Rate 01 01 Vell Abandonment 01 01 Contingencies 2% (TCP) 2% (CC) 01 TANGIBLE COSTS 0181 01 01 Casing (19.1" - 30") 400" - 20" 94# J-55 BT&C @ \$79.04/ft 01 Casing (11." - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.299/ft 01 Casing (1.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.699/ft 01 Casing (1.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&	1180-0158 1180-0164 1180-0165 1180-0165 1180-0170 1180-0175 1180-0180 1180-0184 1180-0185 1180-0195 1180-0195 1180-0195 1180-0198 1180-0199	\$150,000 \$30,000 \$48,000 \$283,500 \$250,000 \$5,000 \$5,600 \$5,000 \$5,000 \$153,600 \$10,000 \$51,700	0180-0258 0180-0260 0180-0260 0180-0265 0180-0268 0180-0280 0180-0280 0180-0286 0180-0288 0180-0290 0180-0293 0180-0293 0180-0299 0180-0299	\$30,0 \$10,5 \$20,0 \$15,0 \$30,0
Completion / Workover Rig 0 Rig Mobilization 01 Transportation 01 Velding Services 01 Contract Services & Supervision 01 Directional Services Includes Vertical Control 01 Optiment Rental 01 Vell / Lease Legal 01 Vell / Lease Insurance 01 ntangible Supplies 01 Damages 01 COM & Easements 01 Optiment Rental 01 Deprivation 01 Deprivation 01 Damages 01 Other Rents 01 Optiment Rents <t< td=""><td>0180-0164 1180-0165 1180-0106 1180-0170 1180-0170 1180-0180 1180-0184 1180-0184 1180-0190 1180-0192 1180-0192 1180-0198 1180-0198 1180-0199</td><td>\$150,000 \$30,000 \$48,000 \$283,500 \$250,000 \$5,000 \$5,600 \$5,000 \$5,000 \$153,600 \$10,000 \$51,700</td><td>0180-0260 0180-0265 0180-0280 0180-0280 0180-0280 0180-0280 0180-0286 0180-0286 0180-0290 0180-0290 0180-0293 0180-0293 0180-0298 0180-0298 0180-0298</td><td>\$10.5 \$20.0 \$15.0 \$30.0 \$3</td></t<>	0180-0164 1180-0165 1180-0106 1180-0170 1180-0170 1180-0180 1180-0184 1180-0184 1180-0190 1180-0192 1180-0192 1180-0198 1180-0198 1180-0199	\$150,000 \$30,000 \$48,000 \$283,500 \$250,000 \$5,000 \$5,600 \$5,000 \$5,000 \$153,600 \$10,000 \$51,700	0180-0260 0180-0265 0180-0280 0180-0280 0180-0280 0180-0280 0180-0286 0180-0286 0180-0290 0180-0290 0180-0293 0180-0293 0180-0298 0180-0298 0180-0298	\$10.5 \$20.0 \$15.0 \$30.0 \$3
Rig Mobilization 01 rransportation 01 Velding Services 01 Directional Services & Supervision 01 Directional Services & Includes Vertical Control 01 Equipment Rental 01 Vell / Lease Legal 01 Vell / Lease Insurance 01 Itangible Supplies 01 Damages 01 Oxerhead Fixed Rate 01 Vell Abandonment 01 Dontingencies 2% (TCP) TANGIBLE COSTS 0181 01 asing (19.1" - 30") 400' - 20" 94# J-55 BT&C @ \$42.99/ft asing (11." - 19.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.69/ft asing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$24.69/ft asing (4.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft Ubing 7340' - 2 7/8" 6.5# L-80 EUE & rd @ \$5.74/ft 01 aring Head 01	1180-0165 1180-0168 1180-0168 1180-0170 1180-0180 1180-0180 1180-0184 1180-0185 1180-0192 1180-0192 1180-0195 1180-0195 1180-0195 1180-0195 1180-0195	\$30,000 \$5,000 \$283,500 \$250,000 \$5,600 \$5,600 \$5,000 \$153,600 \$10,000 \$51,700	0180-0265 0180-0268 0180-0270 0180-0280 0180-0284 0180-0286 0180-0286 0180-0290 0180-0290 0180-0293 0180-0293 0180-0298 0180-0298 0180-0298	\$20,0 \$15,0 \$30,0 \$30,0 \$10,0 \$10,0 \$5,0 \$76,8 \$20,0 \$95,2
ransportation 0 Velding Services 01 Velding Services 01 Directional Services & Supervision 01 Directional Services Includes Vertical Control 01 Optimet Rental 01 Vell / Lease Legal 01 Vell / Lease Insurance 01 Vell / Lease Insurance 01 Vell / Lease Insurance 01 Other Services 01 Operation Services 01 Operation Services 2% (CC) Other Services 01	1180-0165 1180-0168 1180-0168 1180-0170 1180-0180 1180-0180 1180-0184 1180-0185 1180-0192 1180-0192 1180-0195 1180-0195 1180-0195 1180-0195 1180-0195	\$30,000 \$5,000 \$283,500 \$250,000 \$5,600 \$5,600 \$5,000 \$153,600 \$10,000 \$51,700	0180-0265 0180-0268 0180-0270 0180-0280 0180-0284 0180-0285 0180-0285 0180-0290 0180-0290 0180-0293 0180-0295 0180-0298 0180-0298 0180-0298	\$15,0 \$30,0 \$30,0 \$10,0 \$5,0 \$76,8 \$20,0 \$95,2
Velding Services 0 Contract Services & Supervision 01 Directional Services Includes Vertical Control 01 Squipment Rental 01 Vell / Lease Legal 01 Vell / Lease Legal 01 Vell / Lease Insurance 01 ntangible Supplies 01 Jamages 01 ROW & Easements 01 Dipeline Interconnect 01 Dompany Supervision 01 Overhead Fixed Rate 01 Vell Abandonment 01 Contingencies 2% (TCP) 2% (CC) 01 TANGIBLE COSTS 0181 01 01 casing (19.1" - 30") 400" - 20" 94# J-55 BT&C @ \$79.04/ft 01 casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 casing (10.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.99/ft 01 casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$24.99/ft 01 casing (6.1" - 8.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 casing (4.1" - 6.0")	1180-0168 1180-0170 1180-0175 1180-0180 1180-0180 1180-0185 1180-0185 1180-0192 1180-0192 1180-0195 1180-0195 1180-0199	\$5,000 \$48,000 \$283,500 \$5,000 \$5,600 \$5,000 \$5,000 \$153,600 \$10,000 \$51,700	0180-0268 0180-0270 0180-0280 0180-0284 0180-0285 0180-0285 0180-0290 0180-0292 0180-0295 0180-0296 0180-0299 0180-0299	\$15,0 \$30,0 \$30,0 \$10,0 \$5,0 \$76,8 \$20,0 \$95,2
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Directional Services Includes Vertical Control Directional Services iquipment Rental 01 Vell / Lease Legal 01 Vell / Lease Insurance 01 ntangible Supplies 01 Damages 01 OWA & Easements 01 Operation Interconnect 01 Deverhead Fixed Rate 01 Vell Abandonment 01 Contingencies 2% (TCP) 2% (CC) TANGIBLE COSTS 0181 01 casing (19.1" - 30") 400' - 20" 94# J-55 BT&C @ \$79.04/ft 01 Casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 casing (1.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.65/ft 01 casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$24.99/ft 01 casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$24.99/ft 01 casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$24.99/ft 01 casing (4.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 casing (4.1" - 6.0") 10900' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft	0180-0175 0180-0180 0180-0184 0180-0185 0180-0186 0180-0190 0180-0192 0180-0195 0180-0196 0180-0199 0180-0199 0180-0199	\$283,500 \$250,000 \$5,000 \$5,600 \$5,600 \$5,000 \$153,600 \$1153,600 \$1153,600 \$51,700	0180-0280 0180-0284 0180-0285 0180-0286 0180-0290 0180-0290 0180-0293 0180-0295 0180-0295 0180-0298 0180-0299	\$30,0 \$10,0 \$5,0 \$76,6 \$20,0 \$95,2
Image: Second State	0180-0180 0180-0184 0180-0185 0180-0188 0180-0190 0180-0192 0180-0195 0180-0195 0180-0198 0180-0199 0180-0199	\$250,000 \$5,000 \$5,600 \$8,000 \$5,000 \$10,000 \$10,000 \$51,700	0180-0280 0180-0284 0180-0285 0180-0286 0180-0290 0180-0292 0180-0293 0180-0295 0180-0296 0180-0298 0180-0299	\$10,0 \$5,0 \$76,8 \$20,0 \$95,2
Vell / Lease Legal 01 Vell / Lease Insurance 01 Vell / Lease Insurance 01 Damages 01 OWW & Easements 01 Opplies 01 Ownages 01 OWW & Easements 01 Oppling Interconnect 01 Dempany Supervision 01 Overhead Fixed Rate 01 Vell Abandonment 01 Contingencies 2% (TCP) TANGIBLE COSTS 0181 01 Casing (19.1" - 30") 400' - 20" 94# J-55 BT&C @ \$79.04/ft 01 Casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Casing (10.1" - 19.0") 3235' - 9 5/8" 40# L&O LT&C @ \$24.65/ft 01 Casing (11" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$24.65/ft 01 Casing (4.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 Casing (4.1" - 6.0") 10900' - 2 7/8" 6.5# L-80 EUE & rd @ \$5.74/ft 01 Wining 7340' - 2 7/8" 6.5# L-80 EUE & rd @ \$5.74/ft 01	1180-0184 1180-0185 1180-0188 1180-0190 1180-0192 1180-0195 1180-0196 1180-0198 1180-0199	\$5,000 \$5,600 \$8,000 \$5,000 \$153,600 \$10,000 \$51,700	0180-0284 0180-0285 0180-0286 0180-0290 0180-0292 0180-0293 0180-0295 0180-0296 0180-0298 0180-0299	\$10,0 \$5,0 \$76,8 \$20,0 \$95,2
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ntangible Supplies 01 Jamages 01 ROW & Easements 01 Dipeline Interconnect 01 Company Supervision 01 Diverhead Fixed Rate 01 Vell Abandonment 01 Contingencies 2% (TCP) TANGIBLE COSTS 0181 01 Contingencies 2% (TCP) TOTAL TOTAL Casing (19.1" - 30") 400' - 20" 94# J-55 BT&C @ \$79.04/ft Casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Casing (10.1" - 19.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.65/ft 01 Casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$26.99/ft 01 Casing (6.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 Casing (4.1" - 6.0") 10900' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft 01 Wining 7340' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft 01	1180-0188 1180-0190 1180-0192 1180-0195 1180-0196 1180-0198 1180-0199	\$8,000 \$5,000 \$153,600 \$10,000 \$51,700	0180-0288 0180-0290 0180-0292 0180-0293 0180-0295 0180-0296 0180-0298 0180-0299	\$5.0 \$76.8 \$20.0 \$95.2
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COW & Easements 01 Oripeline Interconnect 01 Sompany Supervision 01 Overhead Fixed Rate 01 Vell Abandonment 01 Contingencies 2% (TCP) 2% (CC) 01 Contingencies 2% (TCP) 2% (CC) 01 Contingencies 2% (TCP) 2% (CC) 01 Contingencies 2% (CC) Contintinter <	0180-0192 0180-0195 0180-0196 0180-0198 0180-0199	\$153,600 \$10,000 \$51,700	0180-0292 0180-0293 0180-0295 0180-0296 0180-0298 0180-0299	\$76.8 \$20.0 \$95.2
Table Topological Dipeline Interconnect 01 Dompany Supervision 01 Diverhead Fixed Rate 01 Vell Abandonment 01 Contingencies 2% (TCP) 2% (CC) TOTAL 01 Contingencies 2% (TCP) 2% (CC) TOTAL 01 Casing (19.1" - 30") 400' - 20" 94# J-55 BT&C @ \$79.04/ft 01 Casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Casing (10.1" - 19.0") 3235' - 9 5/8" 40# L80 LT&C @ \$24.69/ft 01 Casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$26.99/ft 01 Casing (4.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 Casing (4.1" - 6.0") 10900' - 27/8" 6.5# L-80 EUE 8rd @ \$5.74/ft 01 Wining 7340' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft 01	0180-0195 0180-0196 0180-0198 0180-0199	\$10,000 \$51,700	0180-0293 0180-0295 0180-0296 0180-0298 0180-0299	\$76.8 \$20.0 \$95.2
Diverhead Fixed Rate O Vell Abandonment 01 Sontingencies 2% (TCP) 2% (CC) 01 TOTAL TANGIBLE COSTS 0181 Contingencies 01 TANGIBLE COSTS 0181 Contingencies 01 TOTAL TANGIBLE COSTS 0181 Colspan="2">Colspan="2"Colspa=""2"Colspa=""2"Colspan="2"Colspan="2"Colspan="2"Colspa=""2"Colspa	0180-0196 0180-0198 0180-0199	\$10,000 \$51,700	0180-0295 0180-0296 0180-0298 0180-0299	\$20.0 \$95,2
Vell Abandonment 01 Contingencies 2% (TCP) 2% (CC) 01 TOTAL TOTAL TANGIBLE COSTS 0181 Contingencies 2% (TCP) 2% (CC) 01 TOTAL TOTAL Control 10001 - 20" 94# J-55 BT&C @ \$79.04/ft 01 Colspan="2">Colspan="2" Colspan="2">Colspan="2">Colspan="2" Colspan="2">Colspan="2" Colspan="2"	180-0198 180-0199	\$10,000 \$51,700	0180-0296 0180-0298 0180-0299	\$20.0 \$95,2
Contingencies 2% (TCP) 2% (CC) 01 TOTAL TANGIBLE COSTS 0181 Control (10.1" - 30") 400' - 20" 94# J-55 BT&C @ \$79.04/ft 01 Control (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Control (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Control (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Control (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 Control (10.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$26.99/ft 01 Control (10.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$26.99/ft 01 Control (10.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 Value (11.2" 13.5# P-110 BPN @ \$14.94/ft 01 Value (20.5" Control (20.5") 01 Value (20.5" Control (20.5") 01 Value (20.5" Control (20.5") Control (20.5") Value (20.5" Control (20.5") Value (20.5") <td>180-0199</td> <td>the second s</td> <td>0180-0299</td> <td>\$95,2</td>	180-0199	the second s	0180-0299	\$95,2
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TANGIBLE COSTS 0181 casing (19.1" - 30") 400' - 20" 94# J-55 BT&C @ \$79.04/ft 01 casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 casing (8.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$34.65/ft 01 casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$26.99/ft 01 casing (4.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 ubing 7340' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft 01	181-0793	\$2,635,100		
casing (19.1" - 30") 400' - 20" 94# J-55 BT&C @ \$79.04/ft 01 casing (10.1" - 19.0") 1085' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft 01 casing (8.1" - 10.0") 3235' - 9 5/8" 40# L80 LT&C @ \$34 65/ft 01 casing (6.1" - 8.0") 8190' - 7" 29# HCP-110 LT&C @ \$26.99/ft 01 casing (4.1" - 6.0") 10900' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft 01 ubing 7340' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft 01	181-0793			\$4,854,5
'ubing 7340' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft vrilling Head 01	181-0794 181-0795 181-0796	\$33,800 \$49,900 \$119,800 \$236,100		
Drilling Head 01			0181-0797	\$174.0
			0181-0798	\$45,0
	181-0860	\$40,000	()	
orizontal Completion Tools Completion Liner Hanger			0181-0870	\$30,0
ucker Rods			0181-0875	\$75,0
ubsurface Equipment			0181-0880	
rtificial Lift Systems Gas Lift Valves & Packer			0181-0884	\$25.0
umping Unit			0181-0885	\$23,0
urface Pumps & Prime Movers VRU/SWD Pump/Circ Pump			0181-0886	\$30,0
anks - Oil 2 - 750 bbl			0181-0890	\$38,0
anks - Water 2 - 750 bbl coated			0181-0891	\$48,0
eparation / Treating Equipment 30"x10'x1k# 3 ph/36"x15'x1k#			0181-0895	\$45,0
eater Treaters, Line Heaters 8'x20'x75# HT			0181-0897	\$35,0
etering Equipment			0181-0898	\$14,0
ne Pipe & Valves - Gathering			0181-0900	\$10,0
ttings / Valves & Accessories			0181-0906	\$40,0
ectrical Installation			0181-0908	\$8,0
quipment Installation			0181-0909	\$50,0
ipeline Construction			0181-0910	\$30,0
			0181-0920	\$10,0
TOTAL		\$479,600		\$707,0
SUBTOTAL		\$3,114,700		\$5,561,5
TOTAL WELL COST			76,200	
tra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my proportion Operator has secured Extra Expense Insurance covering costs of well control, clean up a I elect to purchase my own well control insurance policy. Heither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance policy.	and redrilling	of the premium		180-0185.
	2/22/2019			
Company Approval: Date:		•		
oint Owner Interest: Amount: Joint Owner Name: Signature:				



Revised: 01/31/2018

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

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

Case No. 20496

VERIFIED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND

STATE OF TEXAS

Charles Crosby, being duly sworn upon his oath, deposes and states:

) ss.

1. I am over the age of 18, and have personal knowledge of the matters stated herein.

2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.

3. The following geological plats are attached hereto:

(a) Attachment A is a structure map of the Base of the 2nd Bone Spring Sand formation. It shows that structure dips to the East-Southeast. It also shows a line of cross-section.

(b) Attachment B is a gross sand isopach of the Lower 2nd Bone Spring Sand, the test zone for the Perazzi 9/10 B2MP Fed Com 1H. It shows that the sand across the well unit has a uniform thickness of approximately 130-140 feet.

(c) Attachment C is a west-east cross section. The well logs on the cross-section give a representative sample of the 2^{nd} Bone Spring Sand formation in this area. The target zone for the well is the Lower 2^{nd} Bone Spring Sand, and that zone is continuous across the well unit.

4. I conclude from the maps that:

(a) The horizontal spacing unit is justified from a geologic standpoint.

(b) Each quarter-quarter section in the unit will contribute more or less equally to production.



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

. 1

5. Attachment D contains information from other 2^{nd} Bone Spring Sand wells drilled in this area. Production for wells with similar completions and similar time online seems to show a preference for laydown orientation, and the 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.

Charles Crosby

VERIFICATION

STATE OF TEXAS)) ss. COUNTY OF MIDLAND)

Charles Crosby, 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.

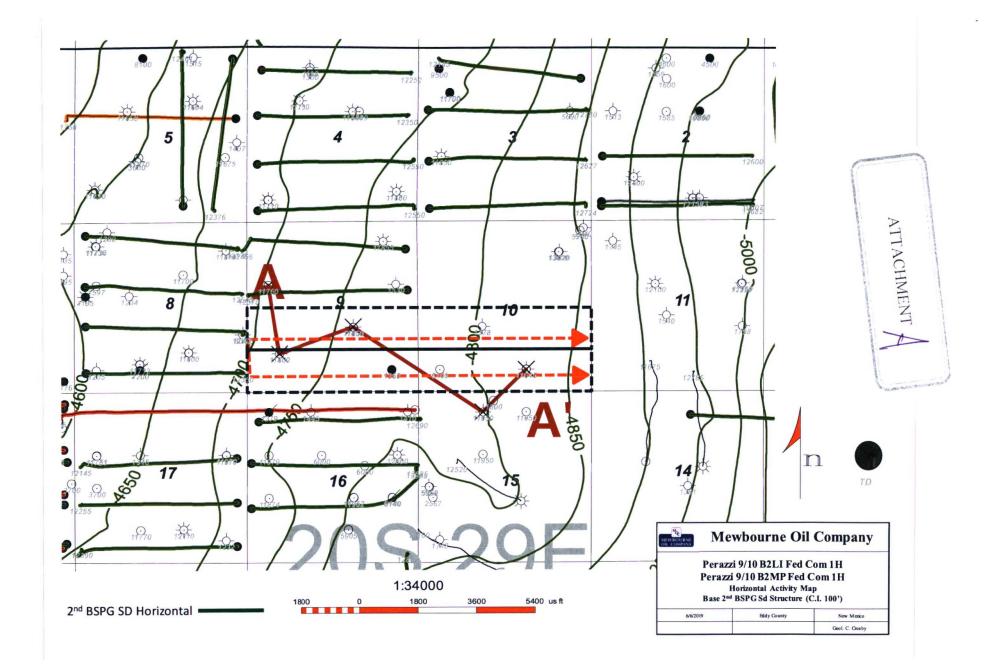
Charles Crosby

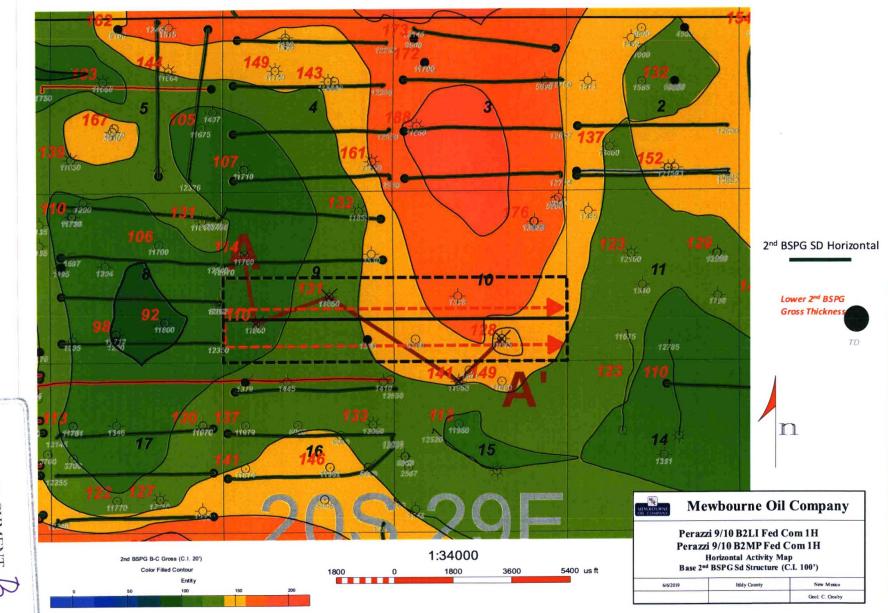
SUBSCRIBED AND SWORN TO before me this $-\frac{1}{2}$ day of June, 2019 by Charles Crosby.

My Commission Expires: 8-28-22

Notary Public

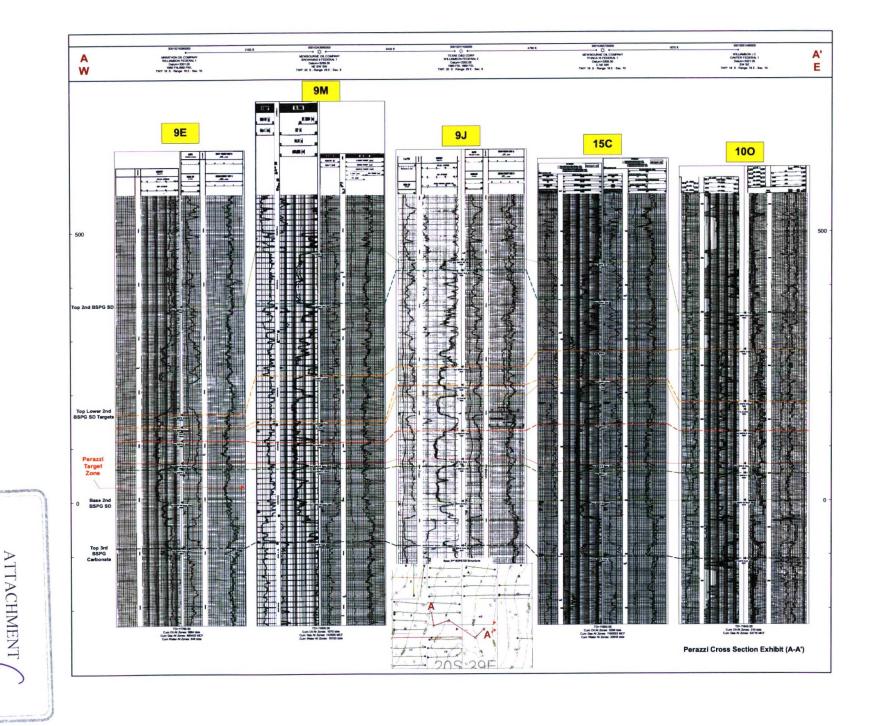
TIA ALEXANDER Notary ID #131701498 y Commission Expires August 28, 2022





ATTACHMENT

AT B



Perazzi Area 2nd BSPG SD Production Table												
Well Name	Operator	API	Location	Completion Date	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	NS/EW	Production Zone			
Thompson 8 Federal 2H	Mewbourne	30015392950000	8A-20S-29E	7/1/2012	168.7	0.6	272.9	EW	2nd BSPG SD			
Sharps 3 Federal Com 2H	Mewbourne	30015398220000	3P-20S-29E	5/29/2012	93.6	0.3	237.7	EW	2nd BSPG SD			
Zia AHZ Federal Com 2H	EOG	30015404040000	13C-20S-29E	8/13/2012	98.9	0.3	502.7	EW	2nd BSPG SD			
Anthill AAK State Com 4H	EOG	30015407310000	2P-20S-29E	6/30/2013	116.2	0.4	296.2	EW	2nd BSPG SD			
Thompson 8 Federal 3H	Mewbourne	30015410400000	8H-20S-29E	4/20/2013	82.7	0.3	207.1	EW	2nd BSPG SD			
Henry 8 IL Federal 1H	Mewbourne	30015417810000	8I-20S-29E	2/15/2014	66.2	0.3	229.3	EW	2nd BSPG SD			
Henry 8 PM Federal Com 1H	Mewbourne	30015419550000	8P-20S-29E	5/16/2014	106.5	0.4	324.3	EW	2nd BSPG SD			
Perazzi 9 DA Federal 1H	Mewbourne	30015420900000	8A-20S-29E	6/8/2014	200.7	0.7	194	EW	2nd BSPG SD			
Perazzi 8 B2EH Federal 1H	Mewbourne	30015429700000	9E-20S-29E	8/24/2015	187.8	0.6	248.3	EW	2nd BSPG SD			
Glock 16 B2AD Federal 1H	Mewbourne	30015429910000	16A-20S-29E	8/3/2015	172.5	0.4	409.6	EW	2nd BSPG SD			

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ATTACHMENT)

Mewbourne Oil Company

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12800.00

89.18

96.21

100

8058.7 5010.5 -542.0

4981.1

5010.5

96.2

0.0

0.0

7987.2

6.8 1.5565442

SURVEY CALCULATION REPORT Minimum Curvature Calculations

						winnun	Curvature	calculations								
	Operator: N	Mewhourn	e Oil Com	nany							Target K	BTVD	7,994	Feet	7994.00	
L	case Name: P										-	t Angle:		Degrees	89.18	
		7516.54	in react									n Plane:		Degrees		
	SL: 1620 FS	L & 50 FV	VL Sec 9-1	20S-30E					Declinatio	n Correcto	ed to True	North:	6.63	Degrees		
	PBIIL: 500 F	FSL & 100	FEL Sec	10-205-2	9E					Bit	to Survey	Offset:	44	Feet		
														+Above		
Survey	Measured	Drift	Azimuth	Course	TVD	Vertical	+N/-S	+E/-W	Closure	Closure	DUD	121.0	KBTVD	-Below	DRIFT	AZIMUTH
No.	Depth-ft	(Deg.)	(Deg.)	Length	(Feet)	Section	(Feet)	(Feet)	Distance	Direction	BUR	DL.S	KBIVD	Target	(RADIANS)	(RADIANS)
T/I	7516.54	0.00	96.21	N/A	7516.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7516.5	477.5	1E-12	1.68 #
1	7590.85	8.92	96.21			5.8	-0.6	5.7	5.8	96.2	12.0	12.0	7590.5			1.68 0
2	7665.17	17.84	96.21			23.0	-2.5	22.8	23.0	96.2	12.0	12.0	7662.5	331.5	0.31130884	1.68 0
3	7739.49	26.76	96.21	74.3195	7731.5	51.1	-5.5	50.8	51.1	96.2	12.0	12.0	7730.8	263.2	0.46696326	1.68 0
4	7813.81	35.67	96.21	74.3195		89.6		89.1	89.6	96.2	12.0	12.0	7793.7		0.62261768	1.68 0
5	7888.13	44.59	96.21	74.3195		137.4	-14.9	136.6	137.4	96.2	12.0	12.0	7849.8		0.7782721	1.68 0
6	7962.45	53.51	96.21	74.3195		193.5	-20.9	192.4	193.5	96.2	12.0	12.0	7897.6		0.93392652	1.68 0
7	8036.77	62.43	96.21	74.3195		256.5	-27.7	255.0	256.5	96.2 96.2	12.0	12.0	7936.1 7964.3		1.08958094	1.68 0
8	8111.09 8185.41	71.35	96.21 96.21	74.3195		324.8 396.7	-35.1	322.8	324.8 396.7	96.2	12.0	12.0	7984.5		1.40088978	1.68 0
10	8259.73	89.18	96.21	74.3195		470.7	-50.9	467.9	470.7	96.2	12.0	12.0	7987.2		1.5565442	1.68 0
11	8300.00	89.18	96.21	40.2697		510.9	-55.3	507.9	510.9	96.2	0.0	0.0	7987.2		1.5565442	1.68
12	8400.00	89.18	96.21	100		610.9		607.3	610.9	96.2	0.0	0.0	7987.2		1.5565442	1.68
13	8500.00	89.18	96.21	100		710.9		706.7	710.9	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68
14	8600.00	89.18	96.21	100	7998.8	810.9	-87.7	806.1	810.9	96.2	0.0	0.0	7987.2		1.5565442	1.68
15	8700.00	89.18	96.21	100		910.9		905.5	910.9	96.2	0.0	0.0	7987.2		1.5565442	1.68
16	8800.00	89.18	96.21	100		1010.9		1004.9	1010.9	96.2	0.0	0.0	7987.2		1.5565442	1.68
17	8900.00	89.18	96.21	100		1110.9		1104.3	1110.9	96.2	0.0	0.0	7987.2		1.5565442	1.68
18	9000.00	89.18	96.21	100				1203.7 1303.2	1210.9	96.2 96.2	0.0	0.0	7987.2		1.5565442	1.68
19 20	9100.00 9200.00	89.18 89.18	96.21 96.21	100				1402.6	1410.8	96.2	0.0	0.0	7987.2			1.68
21	9300.00	89.18	96.21	100				1502.0	1510.8	96.2	0,0	0.0	7987.2			1.68
22	9400.00	89.18	96.21	100				1601.4	1610.8	96.2	0.0	0.0	7987.2			1.68
23	9500.00	89.18	96.21	100				1700.8	1710.8	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68
24	9600.00	89.18	96.21	100	8013.1	1810.8	-195.9	1800.2	1810.8	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68
25	9700.00	89.18	96.21	10				1899.6	1910.8	96.2		0.0				1.68
26	9800.00	89.18						1999.0	2010.8	96.2		0.0				1.68
27	9900.00	89.18						2098.4	2110.8	96.2		0.0				1.68
28 29	10000.00	89.18		10				2197.8 2297.2	2210.8 2310.7	96.2 96.2		0.0				1.68
30	10100.00	89.18 89.18						2396.6	2310.7	96.2		0.0				1.68
31	10200.00	89.18						2496.0	2510.7	96.2		0.0				1.68
32	10400.00	89.18						2595.4	2610.7	96.2		0.0				1.68
33	10500.00	89.18	96.21	10	8025.9	2710.7	-293.2	2694.8	2710.7	96.2	0.0	0.0	7987.3	6.8	1.5565442	1.68
34	10600.00	89.18	96.21	10	8027.3	2810.7	-304.0	2794.2	2810.7	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68
35	10700.00	89.18	96.21					2893.6	2910.7	96.2		0.0				1.68
36	10800.00	89.18						2993.0	3010.7	96.2		0.0				1.68
37	10900.00	89.18						3092.4 3191.8	3110.7 3210.7	96.2 96.2		0.0				1.68
39	11000.00	89.18						3291.2	3310.6	96.2		0.0				1.68
40	11200.00	89.18						3390.6	3410.6			0.0				1.68
41	11300.00	89.18						3490.0	3510.6	96.2		0.0				1.68
42	11400.00	89.18	96.21	10	8038.7	3610.6	-390.6	3589.4	3610.6		0.0	0.0	7987.3	2 6.8	1.5565442	1.68
43	11500.00	89.18	96.21	10	8040.1	3710.6	-401.4	3688.8	3710.6	96.2	0.0	0.0			1.5565442	1.68
44	11600.00	89.18						3788.2	3810.6							1.68
45	11700.00	89.18						3887.6	3910.6							1.68
46	11800.00	89.18						3987.0	4010.6							1.68
47 48	11900.00	89.16						4086.4	4110.6			0.0				
48	12000.00	89.18 89.18						4185.8	4210.6							1.68
50	12200.00	89.18						4384.6								
51	12300.00	89.18						4484.1	4510.5							
52	12400.00	89.14	96.2					4583.5							1.5565442	1.68
53	12500.00	89.1						4682.9								
54	12600.00	89.1						4782.3	4810.5							
55	12700.00	89.1	8 96.2	1 10				4881.7	4910.5	96.2						1.68



1.68 #VALUE! 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68 0.155654 1.68

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57	12900.00	89.18	96.21	100	8060.1	5110.5	-552.8	5080.5	5110.5	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
58	13000.00	89.18	96.21	100	8061.5	5210.4	-563.6	5179.9	5210.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
59	13100.00	89.18	96.21	100	8062.9	5310.4	-574.5	5279.3	5310.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
60	13200.00	89.18	96.21	100	8064.4	5410.4	-585.3	5378.7	5410.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
61	13300.00	89.18	96.21	100	8065.8	5510.4	-596.1	5478.1	5510.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
62	13400.00	89.18	96.21	100	8067.2	5610.4	-606.9	5577.5	5610.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
63	13500.00	89.18	96.21	100	8068.6	5710.4	-617.7	5676.9	5710.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
64	13600.00	89.18	96.21	100	8070.1	5810.4	-628.5	5776.3	5810.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
65	13700.00	89.18	96.21	100	8071.5	5910.4	-639.3	5875.7	5910.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
66	13800.00	89.18	96.21	100	8072.9	6010.4	-650.2	5975.1	6010.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
67	13900.00	89.18	96.21	100	8074.3	6110.4	-661.0	6074.5	6110.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
68	14000.00	89.18	96.21	100	8075.8	6210.3	-671.8	6173.9	6210.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
69	14100.00	89.18	96.21	100	8077.2	6310.3	-682.6	6273.3	6310.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
70	14200.00	89.18	96.21	00	8078.6	6410.3	-693.4	6372.7	6410.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
71	14300.00	89.18	96.21	100	8080.0	6510.3	-704.2	6472.1	6510.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
72	14400.00	89.18	96.21	100	8081.5	6610.3	-715.1	6571.5	6610.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
73	14500.00	89.18	96.21	100	8082.9	6710.3	-725.9	6670.9	6710.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
74	14600.00	89.18	96.21	100	8084.3	6810.3	-736.7	6770.3	6810.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
75	14700.00	89.18	96.21	100	8085.7	6910.3	-747.5	6869.7	6910.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
76	14800.00	89.18	96.21	100	8087.2	7010.3	-758.3	6969.1	7010.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
77	14900.00	89.18	96.21	100	8088.6	7110.3	-769.1	7068.5	7110.3	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
78	15000.00	89.18	96.21	100	8090.0	7210.2	-780.0	7167.9	7210.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
79	15100.00	89.18	96.21	100	8091.4	7310.2	-790.8	7267.3	7310.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
80	15200.00	89.18	96.21	100	8092.9	7410.2	-801.6	7366.7	7410.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
81	15300.00	89.18	96.21	100	8094.3	7510.2	-812.4	7466.1	7510.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
82	15400.00	89.18	96.21	100	8095.7	7610.2	-823.2	7565.5	7610.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
83	15500.00	89.18	96.21	100	8097.1	7710.2	-834.0	7665.0	7710.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
84	15600.00	89.18	96.21	100	8098.6	7810.2	-844.9	7764.4	7810.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
85	15700.00	89.18	96.21	100	8100.0	7910.2	-855.7	7863.8	7910.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
86	15800.00	89.18	96.21	100	8101.4	8010.2	-866.5	7963.2	8010.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
87	15900.00	89.18	96.21	100	8102.8	8110.2	-877.3	8062.6	8110.2	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
88	16000.00	89.18	96.21	100	8104.3	8210.1	-888.1	8162.0	8210.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
89	16100.00	89.18	96.21	100	8105.7	8310.1	-898.9	8261.4	8310.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
90	16200.00	89.18	96.21	100	8107.1	8410.1	-909.8	8360.8	8410.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
91	16300.00	89.18	96.21	100	8108.5	8510.1	-920.6	8460.2	8510.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
92	16400.00	89.18	96.21	100	8110.0	8610.1	-931.4	8559.6	8610.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
93	16500.00	89.18	96.21	100	8111.4	8710.1	-942.2	8659.0	8710.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
94	16600.00	89.18	96.21	100	8112.8	8810.1	-953.0	8758.4	8810.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
95	16700.00	89.18	96.21	100	8114.2	8910.1	-963.8	8857.8	8910.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
96	16800.00	89.18	96.21	100	8115.7	9010.1	-974.7	8957.2	9010.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
97	16900.00	89.18	96.21	100	8117.1	9110.1	-985.5	9056.6	9110.1	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
98	17000.00	89.18	96.21	100	8118.5	9210.0	-996.3	9156.0	9210.0	96.2	0.0	0.0	79.87.2	6.8	1.5565442	1,68	1E-10
99	17100.00	89.18	96.21	100	8119.9	9310.0	-1007.1	9255.4	9310.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
100	17200.00	89.18	96.21	100	8121.4	9410.0	-1017.9	9354.8	9410.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
101	17300.00	89.18	96.21	100	8122.8	9510.0	-1028.7	9454.2	9510.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
102	17400.00	89.18	96.21	100	8124.2	9610.0	-1039.6	9553.6	9610.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
103	17500.00	89.18	96.21	100	8125.6	9710.0	-1050.4	9653.0	9710.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
104	17600.00	89.18	96.21	100	8127.1	9810.0	-1061.2	9752.4	9810.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
105	17700.00	89.18	96.21	100	8128.5	9910.0	-1072.0	9851.8	9910.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
106	17800.00	89.18	96.21	100	8129.9	10010.0	-1082.8	9951.2	10010.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
107	17900.00	89.18	96.21	100	8131.3	10110.0	-1093.6	10050.6	10110.0	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
108	18000.00	89.18	96.21	100	8132.8	10209.9	-1104.5	10150.0	10209.9	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
109	18100.00	89.18	96.21	100	8134.2	10309.9	-1115.3	10249.4	10309.9	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
110	18200.00	89.18	96.21	100	8135.6	10409.9	-1126.1	10348.8	10409.9	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10
111	18299.45	89.18	96.21	99.4453	8137.0	10509.4	-1136.8	10447.7	10509.4	96.2	0.0	0.0	7987.2	6.8	1.5565442	1.68	1E-10

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AFFIDAVIT OF PUBLICATION

Ad No. 0001287207

JAMES BRUCE ATTORNEY AT LAW PO BOX 1056

SANTA FE NM 87504

I, a legal clerk of the **Carls bad 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:

Jancy Vleysman

Subscribed and sworn before me this 30th of May 2019.

State of WI, County of Brown NOTARY PUBLIC

My Commission Expires

Ad#:0001287207 P O : 1287207 # of Affidavits :0.00

NOTICE

To: Eric Chancy Croft and Elizabeth Anne Williamson as Trustees of the Charla Geraldine Williamson Trust, C-W Flow LLC, Trustees of the Ralph E. Williamson Testamentary Trust, Claude Forest Wynn, Jeffrey N. Johnston and wife, Sand Dollar Petroleum, Inc., Trustees of the Adrienne Suzanne Wynn Beauchamp Charitable Remainder Trust, Ralph E. Williamson, Viola Elaine Barnes, Christine Barnes Motycka, Steven C. Barnes, Tim N. Throckmorton, Vicki Lou Throckmorton Tucker, Julie Ellen Barnes, Michael A. Short, WFW Family Limited Partnership, Forest Jacob Wynn, Taylor Mays Wynn, Craig W. Barr, Zachariah J. Reid, Taylor L. Barr, Thomas R. Barr, Siete Oil & Gas Corporation, and Christine Barnes Motycka as Trustee of the Laurie B. Barr Family Trust, 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 interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 9 and the S/2S/2 of Section 10, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Perazzi 9-10 B2MP Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 9, and a final take point in the SE/4SE/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 Thursday, June 13, 2019 at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. As an interest owner in the well unit or as an offset operator, 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. The unit is located approximately 15-1/2 miles east-southeast of Lakewood, New Mexico. Pub: May 30, 2019 #1287207



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