CASE NOS. 22161-22164

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

EXHIBIT LIST

- 1. Application and Proposed Notice
- 2. Landman's Affidavit
- 3. Geologist's Affidavit
- 4. Affidavits of Mailing
- 5. Publication Affidavit
- 6. Pooling Checklist

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case	No.		
Casc	110.		

APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of Lots 1-4 (the W/2W/2) of Section 18 and Lots 1-4 (the W/2W/2) of Section 19, Township 19 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

- 1. Applicant is an interest owner in the W/2W/2 of Section 18 and the W/2W/2 of Section 19, and has the right to drill a well or wells thereon.
- 2. Applicant proposes to drill (a) the Spanish Bay 18/19 B1DM Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 18 and a last take point in the SW/4SW/4 of Section 19, and (b) the Spanish Bay 18/19 B2DM Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 18 and a last take point in the SW/4SW/4 of Section 19.
- 3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the W/2W/2 of Section 18 and the W/2W/2 of Section 19 for the purposes set forth herein.
- 4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Bone Spring

EXHIBIT

formation underlying the W/2W/2 of Section 18 and the W/2W/2 of Section 19, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interests in the Bone Spring formation underlying the W/2W/2 of Section 18 and the W/2W/2 of Section 19 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interest owners in the Bone Spring formation underlying the W/2W/2 of Section 18 and the W/2W/2 of Section 19;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

James Bruce

Post Office Box 1056

Santa Fe, New Mexico 87504

(505) 982-2043

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, Lea County, New Mexico. Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2W/2 of Section 18 and the W/2W/2 of Section 19, Township 19 South, Range 33 East, NMPM. The unit will be dedicated to (a) the Spanish Bay 18/19 B1DM Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 18 and a last take point in the SW/4SW/4 of Section 19, and (b) the Spanish Bay 18/19 B2DM Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 18 and a last take point in the SW/4SW/4 of Section 19. Also to be considered will be the cost of drilling, completing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, and equipping the wells. The unit is located approximately 14-1/2 miles south-southeast of Maljamar, New Mexico.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case	No.	
Case	NO.	

APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2W/2 of Section 18 and the E/2W/2 of Section 19, Township 19 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

- 1. Applicant is an interest owner in the E/2W/2 of Section 18 and the E/2W/2 of Section 19, and has the right to drill a well or wells thereon.
- 2. Applicant proposes to drill (a) the Spanish Bay 18/19 B1CN Fed. Com. Well No. 1H, with a first take point in the NE/4NW/4 of 18 and a last take point in the SE/4SW/4 of Section 19, and (b) the Spanish Bay 18/19 B2CN Fed. Com. Well No. 1H, with a first take point in the NE/4NW/4 of 18 and a last take point in the SE/4SW/4 of Section 19.
- 3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the E/2W/2 of Section 18 and the E/2W/2 of Section 19 for the purposes set forth herein.
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formation underlying the E/2W/2 of Section 18 and the E/2W/2 of Section 19, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interests in the Bone Spring formation underlying the E/2W/2 of Section 18 and the E/2W/2 of Section 19 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

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- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the well's working interest owners;
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Respectfully submitted,

James Bruce

Post Office Box 1056

Santa Fe, New Mexico 87504

(505) 982-2043

Attorney for Mewbourne Oil Company

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BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No.	
C450 110.	

APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2E/2 of Section 18 and the W/2E/2 of Section 19, Township 19 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

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- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the well's working interest owners;
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BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No.	
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APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2E/2 of Section 18 and the E/2E/2 of Section 19, Township 19 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

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- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the well's working interest owners;
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Respectfully submitted,

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Attorney for Mewbourne Oil Company

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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:

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

Case Nos. 22161 - 22164

SELF-AFFIRMED STATEMENT OF CARSON CULLEN

Carson, 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 this compulsory pooling application
- 3. The purpose of this application is to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.
- 4. The interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests to the wells.
- 5. Plats and C-102s outlining the units being pooled is submitted as Attachments A-1 through A-4. Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation in the following well units:
 - (a) <u>Case No. 22161</u>: the W/2W/2 of Section 18 and the W/2W/2 of Section 19, Township 19 South, Range 33 East, NMPM. The unit will be dedicated to the Spanish Bay 18/19 B1DM Fed. Com. Well No. 1H and the Spanish Bay 18/19 B2DM Fed. Com. Well No. 1H, with first take points in the NW/4NW/4 of 18 and last take points in the SW/4SW/4 of Section 1;
 - (B) <u>Case No, 22162</u>: the E/2W/2 of Section 18 and the E/2W/2 of Section 19, Township 19 South, Range 33 East, NMPM. The unit will be dedicated to the Spanish Bay 18/19 B1CN Fed. Com. Well No. 1H and the Spanish Bay 18/19 B2CN Fed. Com. Well No. 1H, with first take points in the NE/4NW/4 of 18 and last take points in the SE/4SW/4 of Section 1;

EXHIBIT 2

- (c) <u>Case No, 22163</u>: the W/2E/2 of Section 18 and the W/2E/2 of Section 19, Township 19 South, Range 33 East, NMPM. The unit will be dedicated to the Spanish Bay 18/19 B1BO Fed. Com. Well No. 1H and the Spanish Bay 18/19 B2BO Fed. Com. Well No. 1H, with first take points in the NW/4NE/4 of 18 and last take points in the SW/4SE/4 of Section 1; and
- (d) <u>Case No, 22164</u>: the E/2E/2 of Section 18 and the E/2E/2 of Section 19, Township 19 South, Range 33 East, NMPM. The unit will be dedicated to the Spanish Bay 18/19 B1AP Fed. Com. Well No. 1H and the Spanish Bay 18/19 B2AP Fed. Com. Well No. 1H, with first take points in the NE/4NE/4 of 18 and last take points in the SE/4SE/4 of Section 1.

There are no depth severances in the Bone Spring formation.

- 6. The tracts in the units and the parties being pooled and their interests are set forth in Attachment B.
- 7. In order to locate the interest owners, Mewbourne examined the county and federal records, performed internet searches, checked telephone records, and searched Accurint and Whitepages.
- 8. Attachment C is a summary of communications and a sample copy of the proposal letters sent to the working interest owners. 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.
- 9. Attachment D-1 through D-4 contains the Authorizations for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable, and comparable to the cost of other wells of similar depth and length drilled in this area of Lea County.
- 10. Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Lea County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 11. Mewbourne requests that the maximum cost plus 200% risk charge be assessed against a non-consenting working interest owner.
 - 12. Mewbourne requests that it be designated operator of the wells.
- 13. The attachments to this affidavit were prepared by me, or compiled from company business records.

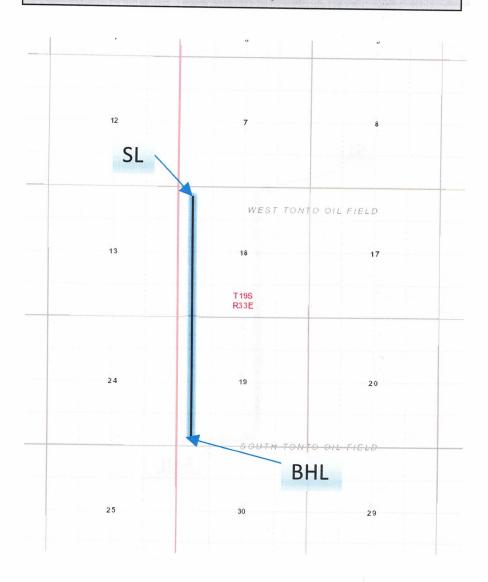
14. Granting the applications is in the interests of conservation and the prevention of waste.

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

Date: 4/4/23

Carson Cullen
Carson Cullen

Spanish Bay 18/19 B1DM Fed COM #1H Sections 18 (W/2W/2) & 19 (W/2W/2), T19S, R33E LEA COUNTY, NM



ATTACHMENT A-/

EXHIBIT A

Page 18 of 4253

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u>

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410

Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-10 Revised August 1, 20 Submit one copy to appropria District Offic

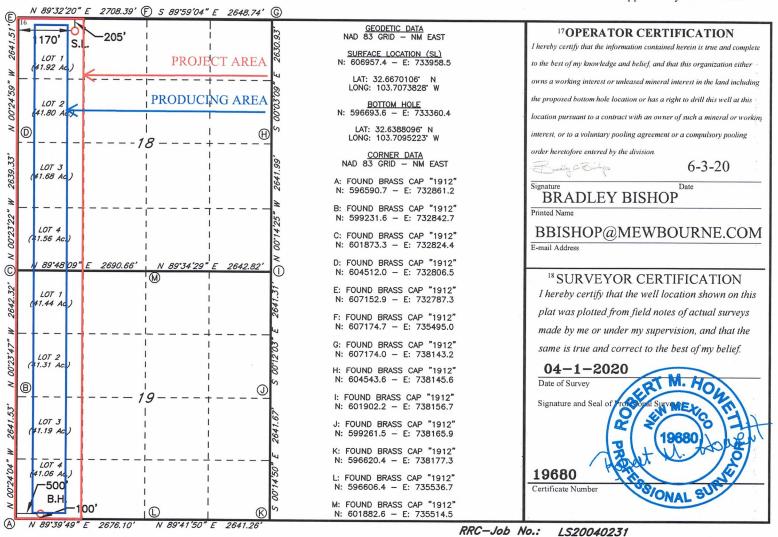
☐ AMENDED REPOR

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Numbe 30-025-49415	-1 001 Code	Tool Name				
⁴ Property Code 331604		poperty Name B/19 B1DM FED COM	⁶ Well Number 1 H			
70GRID NO. 14744		perator Name E OIL COMPANY	⁹ Elevation 3645			

¹⁰ Surface Location

UL or lot no.	Section	T 1:	T 2						
OL of lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
1	18	19S	33E		205	NORTH	1170	WEST	LEA
			11]	Bottom H	Iole Location	If Different Fro	om Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	19	19S	33E		100	SOUTH	500	WEST	LEA
12 Dedicated Acres	13 Joint	or Infill 14	Consolidation	Code 15 (Order No.				
331.96									



1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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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

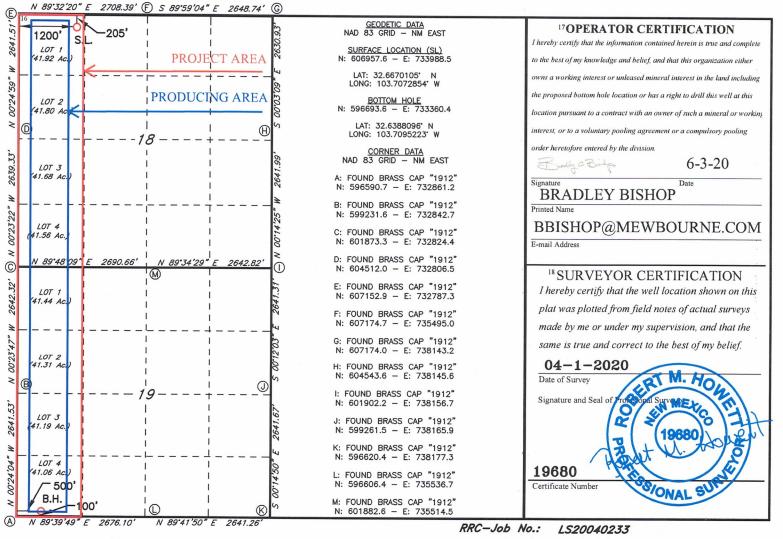
Form C-1(Revised August 1, 20 Submit one copy to appropria District Office

AMENDED REPOR

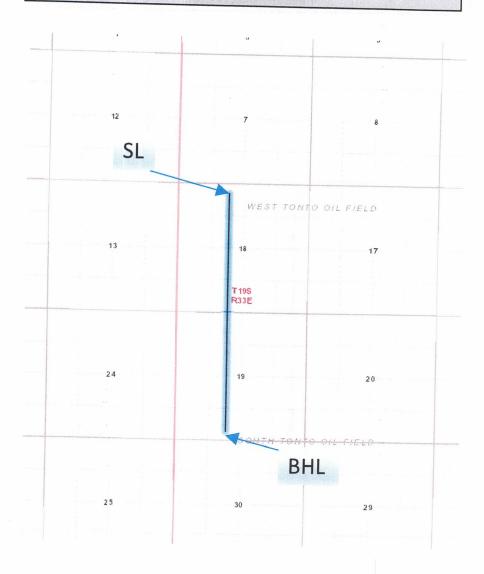
WELL LOCATION AND ACREAGE DEDICATION PLAT

30-025-49416	² Pool Code 59476	TONTO; BONE SPRING, SOUTH				
⁴ Property Code 331605		5 Property Name 6 Well Number 18/19 B2DM FED COM 1H				
⁷ OGRID NO. 14744		perator Name E OIL COMPANY	⁹ Elevation 3645			

¹⁰ Surface Location UL or lot no Section Township Range Lot Idn Feet from the North/South line Feet From the East/West line County 1 18 **19S** 33E 205 NORTH 1200 WEST LEA Bottom Hole Location If Different From Surface UL or lot no Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 19 **19S** 33E 100 SOUTH 500 WEST LEA 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. 331.96



Spanish Bay 18/19 B1CN Fed COM #1H Sections 18 (E/2W/2) & 19 (E/2W/2), T19S, R33E LEA COUNTY, NM



ATTACHMENT A.2

EXHIBIT A

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

	1 API Numbe	r		² Pool Code	³ Pool Name					
⁴ Property Co	ode		SF	ANISH	5 Property N BAY 18/19		B1CN FED COM			
7OGRID	NO.			MEWBOURNE OIL COMPANY						
					¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West lin	e County	
1	18	19S	33E		205	NORTH	1260	WEST	LEA	
			11]	Bottom H	ole Location	If Different Fro	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County	
N	19	19S	33E		100	SOUTH	1950	WEST	LEA	
² Dedicated Acre	s 13 Joint	or Infill 14 (Consolidation	Code 15 (Order No.		1000	WEST	110	

1260 S.L.	N 89'32'20" E 2708.39' F 5 89'59'04" E 2648.74'	3	
LAT: 32.66/3011/2 N LOR: 103.70/1904 W BOTTOM HOLE N: 596702.1 - E: 734810.0 LAT: 32.6380935 N LOR: 103.70/81/29 W CORRED DATA NAD 83 GRID - NM EAST NAD 83 GRID - NM EAST NAD 85 GRID - E: 732861.2 B: FOUND BRASS CAP "1912" N: 596590.7 - E: 732861.2 B: FOUND BRASS CAP "1912" N: 604512.0 - E: 732824.4 C: FOUND BRASS CAP "1912" N: 604512.0 - E: 732805.5 C: FOUND BRASS CAP "1912" N: 607174.0 - E: 7338143.2 C: FOUND BRASS CAP "1912" N: 607174.0 - E: 7338143.2 C: FOUND BRASS CAP "1912" N: 607174.0 - E: 7338143.2 C: FOUND BRASS CAP "1912" N: 607174.0 - E: 7338143.2 C: FOUND BRASS CAP "1912" N: 607174.0 - E: 7338143.2 C: FOUND BRASS CAP "1912" N: 607174.0 - E: 7338143.6 C: FOUND BRASS CAP "1912" N: 60952.0 - E: 732865.7 C: FOUND BRASS CAP "1912" N: 60952.0 - E: 732815.6 C: FOUND BRASS CAP "1912" N: 60952.0 - E: 732815.6 C: FOUND BRASS CAP "1912" N: 60952.0 - E: 733815.6 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738165.7 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738165.7 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.4 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.5 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.3 C: FOUND BRASS CAP "1912" N: 59660.6 - E: 738177.	1260' S.L.	NAD 83 GRID — NM EAST SURFACE LOCATION (SL)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either
CORNER DATA NAD 83 GRID - NM EAST (41.68 Ac.) LOT 3 (41.68 Ac.) B FOUND BRASS CAP "1912" N: 596590.7 - E: 732861.2 B FOUND BRASS CAP "1912" N: 698231.6 - E: 732842.7 N: 601873.3 - E: 732842.7 N: 601873.3 - E: 732842.7 N: 601873.3 - E: 732842.7 N: 607174.7 - E: 735895.0 B FOUND BRASS CAP "1912" N: 607174.7 - E: 735143.2 N: 607174.7 - E: 738143.2 N: 601970.2 - E: 738143.2 N: 604543.6 - E: 738145.6 N: 604543.6 - E: 738145.6 N: 604543.6 - E: 738156.7 LOT 3 (41.19 Ac.) LOT 4 (41.9 Ac.) LOT 5 (41.9 Ac.) LOT 6 (41.9 Ac.) LOT 7 (41.9 Ac.) LOT 8 (41.9 Ac.) LOT 9 (41.9 Ac.) LOT 9 (41.9 Ac.) LOT 1 (41.9 Ac.) LOT 4 (41.9 Ac.) LOT 4 (41.9 Ac.) LOT 5 (41.9 Ac.) LOT 6 (41.9 Ac.) LOT 7 (41.9 Ac.) LOT 8 (41.9 Ac.) LOT 9 LOT 9 LOT 9 LOT 1 (41.9 Ac.) LOT 1 (41.9 Ac.) LOT 1 (41.9 Ac.) LOT 4 (41.9 Ac.) LOT 5 (41.9 Ac.) LOT 6 LOT 6 LOT 7 (41.9 Ac.) LOT 7 LOT 7 LOT 8 LOT 9 LOT 1 LOT 3 LOT 3 LOT 3 LOT 3 LOT 3 LOT 3 LOT 4 LOT 4 LOT 4 LOT 4 LOT 6 LOT 4 LOT 5 LOT 6 LOT 6 LOT 6 LOT 6 LOT 6 LOT 7 LOT 6 LOT 7 LOT 7 LOT 7 LOT 8 LOT 9 LOT 8 LOT 9 L	1	LONG: 103.7070904* W BOTTOM HOLE	owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working
N: 596590.7 - E: 732842.7 B: FOUND BRASS CAP "1912" N: 601873.3 - E: 732842.7 C: FOUND BRASS CAP "1912" N: 601873.3 - E: 732804.4 D: FOUND BRASS CAP "1912" N: 604512.0 - E: 732806.5 E: FOUND BRASS CAP "1912" N: 607152.9 - E: 732806.5 E: FOUND BRASS CAP "1912" N: 607174.7 - E: 735495.0 G: FOUND BRASS CAP "1912" N: 607174.0 - E: 738143.2 H: FOUND BRASS CAP "1912" N: 604543.6 - E: 738165.6 D: FOUND BRASS CAP "1912" N: 604502.2 - E: 738165.9 LOT 3 (41.19 Ac.) LOT 4 (41.06 Ac.) N: 596606.4 - E: 735536.7	$\begin{bmatrix} - & - & - & - & - & - & - & - & - & - $	LONG: 103.7048129 W CORNER DATA	
LOT 4 (41.56 Ac.)		N: 596590.7 — E: 732861.2	
N: 604512.0 - E: 732806.5 N: 604512.0 - E: 732806.5 LOT 1	EC. COT 4	C: FOUND BRASS CAP "1912"	
Signature and Scal of Professional Survey Signature and Scal o		N: 604512.0 - E: 732806.5 E: FOUND BRASS CAP "1912"	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this
Column C		N: 607174.7 - E: 735495.0 G: FOUND BRASS CAP "1912"	made by me or under my supervision, and that the
J: FOUND BRASS CAP "1912" N: 599261.5 - E: 738165.9 K: FOUND BRASS CAP "1912" N: 596620.4 - E: 738177.3 L: FOUND BRASS CAP "1912" N: 596606.4 - E: 735536.7	(41.31 Ac.)	H: FOUND BRASS CAP "1912" N: 604543.6 — E: 738145.6	
N: 596620.4 – E: 738177.3 L: FOUND BRASS CAP "1912" N: 596606.4 – E: 735536.7 N: 596606.4 – E: 735536.7		N: 601902.2 - E: 738156.7 J: FOUND BRASS CAP "1912" N: 599261.5 - E: 738165.9	R 2 0 2
TI, B.H. IS	(41.06 Ac.)	N: 596620.4 - E: 738177.3 L: FOUND BRASS CAP "1912"	11:0
1950' 100' M: FOUND BRASS CAP "1912" N: 601882.6 - E: 735514.5 N 89'39'49" E 2676.10' N 89'41'50" E 2641.26' R	1/ 20170/10# 5 2020/10# 5		

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u>

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road. Aztec. NM 87410

Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-10 Revised August 1, 20 Submit one copy to appropria District Office

☐ AMENDED REPOR

WELL LOCATION AND ACREAGE DEDICATION PLAT

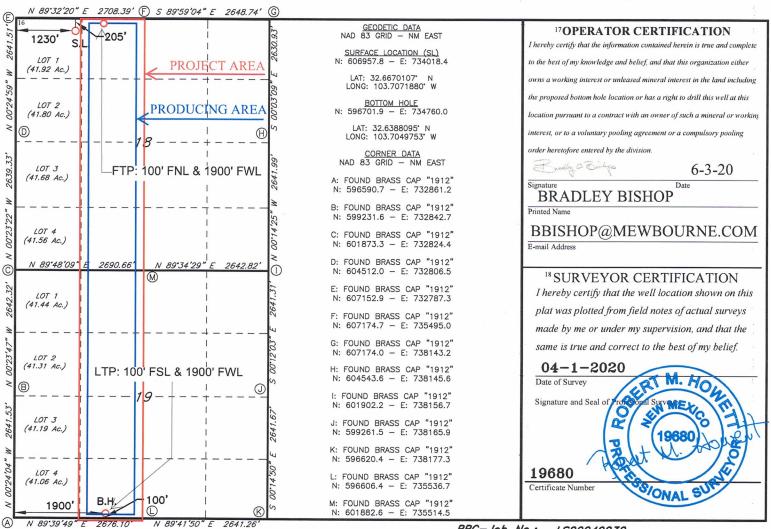
30-025-49534	² Pool Code 59476	TONTO;BONE SPRING, SOUTH			
⁴ Property Code 331691		perty Name B/19 B2CN FED COM	⁶ Well Number 1 H		
70GRID NO. 14744		erator Name E OIL COMPANY	⁹ Elevation 3644		

¹⁰ Surface Location

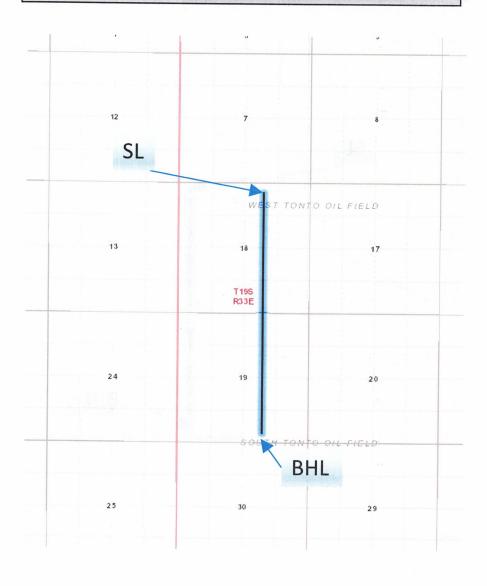
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County			
1	18	19S	33E		205	NORTH	1230	WEST	LEA			
	Dottom Hole I gottom If Different From Conference											

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Townsh	nip R	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	19	19S	33	3E		100	SOUTH	1900	WEST	LEA
12 Dedicated Acres	13 Joint	or Infill	14 Conso	olidation	Code 15 (Order No.				
320										



Spanish Bay 18/19 B1BO Fed COM #1H Sections 18 (W/2E/2) & 19 (W/2E/2), T19S, R33E LEA COUNTY, NM



ATTACHMENT 4-3

EXHIBIT A

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

12 Dedicated Acres

13 Joint or Infill

14 Consolidation Code

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

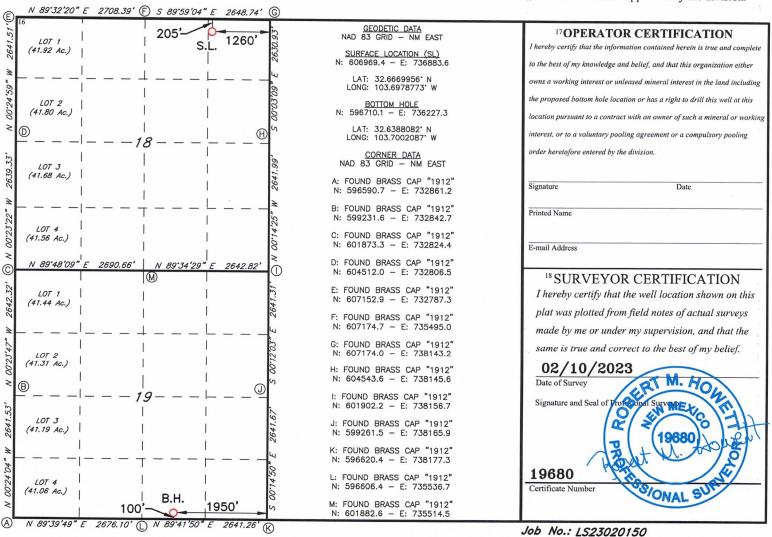
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

		V	VELL L	OCATIO	N AND AC	REAGE DEDIC	CATION PLA	T		
	¹ API Numbe	r		² Pool Code			³ Pool Na			
⁴ Property Co			SF	PANISH	BAY 18/1	Name 9 B1B0 FED	СОМ		6	6 Well Number
⁷ OGRID	NO.			MEWI	8 Operator BOURNE O	Name IL COMPANY				Elevation 3650'
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/We	st line	County
A	18	19S	33E		205	NORTH	1260	EAS	ST	LEA
			11 J	Bottom H	Iole Location	n If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	st line	County
0	19	19S	33E		100	SOUTH	1950	EAS	ST	LEA

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.

15 Order No



District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

Prone: (3/3) / 1.2.

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
220 S. St. Fennis Dr. Sonto Fo. NM 87505

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

■ AMENDED REPORT

WEI	I.	T.	0	CA	Т	IO	N	AT	VI) A	(R	E	4	GF.	D	\mathbf{FI}	T	C	A	TI	0	N	PΙ	AT	•
AA TT		\mathbf{L}	v	$-\Gamma$		\mathbf{L}	$r \perp r$	Δ	NL.		•	1		7	UL.	IJ	டப	"		$\overline{}$	1 1	•	1.4	1 1	Λ	

1	API Number	r		² Pool Coo	de		³ Pool Na	me	
⁴ Property Co	de		SP	ANISH	⁵ Property N BAY 18/19	B2BO FED	СОМ		6 Well Number
7 OGRID	NO.			MEW	8 Operator N BOURNE OI	L COMPANY			⁹ Elevation 3649
					¹⁰ Surface	Location			
UL or lot no.	Section	Townshi	p Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	e County
A	18	19S	33E		205	NORTH	1230	EAST	LEA
- X			11]	Bottom 1	Hole Location	If Different Fr	om Surface		
UL or lot no.	Section	Townshi	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	e County
0	19	19S	33E		100	SOUTH	1900	EAST	LEA
² Dedicated Acres	s 13 Joint	or Infill	14 Consolidation	Code 15	Order No.				

N 89'32'20"	' E 2708.39' 🕞 S 89°59'04" E 2648.7	74' ©		
), 16 LOT 1 (41.92 Ac.)	205' S.L. 1230	630.93	GEODETIC DATA NAD 83 GRID — NM EAST SURFACE LOCATION (SL)	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete
<u> </u>		J 3 " 60	N: 606969.4 – E: 736913.6 LAT: 32.6669951 N LONG: 103.6977799 W	to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including
65, 77.00 LOT 2 (41.80 Ac.)		2,00.00	<u>BOTTOM HOLE</u> N: 596710.3 – E: 736277.3 LAT: 32.6388081 N	the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working
. – – –	<mark>8</mark>	\oplus	LAT: 32.50360041 N LONG: 103.7000463' W <u>CORNER DATA</u> NAD 83 GRID — NM EAST	interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
EF: 6E: 97 3 (41.68 Ac.)		2641.9	A: FOUND BRASS CAP "1912" N: 596590.7 — E: 732861.2	Signature Date
M	 	4.25" W	B: FOUND BRASS CAP "1912" N: 599231.6 — E: 732842.7	Printed Name
>	 	1.00 N (C: FOUND BRASS CAP "1912" N: 601873.3 — E: 732824.4 D: FOUND BRASS CAP "1912"	E-mail Address
© N 89'48'09" LOT 1 (41.44 Ac.)		1.31' E	N: 604512.0 — E: 732806.5 E: FOUND BRASS CAP "1912" N: 607152.9 — E: 732787.3	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this
<i>M</i> — — — —	<u> </u> 	 " E 264	F: FOUND BRASS CAP "1912" N: 607174.7 — E: 735495.0	plat was plotted from field notes of actual surveys made by me or under my supervision, and that the
LOT 2 (41.31 Ac.)		00.15,03	G: FOUND BRASS CAP "1912" N: 607174.0 — E: 738143.2 H: FOUND BRASS CAP "1912"	same is true and correct to the best of my belief. 02/10/2023
[≥] B	 	(I)	N: 604543.6 — E: 738145.6 I: FOUND BRASS CAP "1912" N: 601902.2 — E: 738156.7	Date of Survey Signature and Seal of Processoral Survey
ES LOT 3 (41.19 Ac.)		2641.67	J: FOUND BRASS CAP "1912" N: 599261.5 - E: 738165.9	19680
M	i i	4'50" E	K: FOUND BRASS CAP "1912" N: 596620.4 — E: 738177.3 L: FOUND BRASS CAP "1912"	19680
(41.06 Ac.)	B.H. 1900'	S 00.1.	N: 596606.4 - E: 735536.7 M: FOUND BRASS CAP "1912" N: 601882.6 - E: 735514.5	Certificate Number
A 89'39'49"	E 2676.10' N 89'41'50" E 2641.2	6' (K)		Job No.: LS23020152

Spanish Bay 18/19 B1AP Fed COM #1H Sections 18 (E/2E/2) & 19 (E/2E/2), T19S, R33E LEA COUNTY, NM

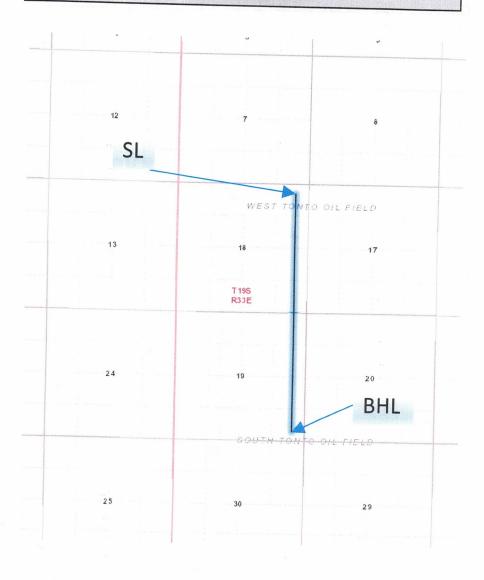


EXHIBIT A

ATTACHMENT A. Y

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

	¹ API Numbe	r		² Pool Code			³ Pool Name					
⁴ Property Co	ode		SI	PANISH	5 Property N BAY 18/1	Name 9 B1AP FED	СОМ		⁶ Well Number 1 H			
7OGRID	NO.			MEWI		⁹ Elevation 3649						
					10 Surface	Location	900					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West li	ine County			
A	18	19S	33E		205	NORTH	1170	EAST	LEA			
			11]	Bottom H	lole Location	If Different Fr	om Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West li	ne County			
P	19	19S	33E		100	SOUTH	500	EAST	LEA			
² Dedicated Acres	s 13 Joint	or Infill 14	Consolidation	Code 15 (Order No.							

N 89'32'20"	E 2708.39' (F) S 89°59'04" E 2648.7	74' ©	
16 10: LOT 1 (41.92 Ac.)	205'————————————————————————————————————	SURFACE LOCATION (SL) N: 606969.3 – E: 736973.6	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either
66 LOT 2 (41.80 Ac.)		LAT: 32.6669941' N LONG: 103.6975849' W BOTTOM HOLE N: 596717.7 - E: 737677.0 LAT: 32.6388054' N LONG: 103.6954994' W	owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling
Co. LOT 3 (41.68 Ac.)		CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1912" N: 596590.7 - E: 732861.2	order heretofore entered by the division. Signature Date
LOT 4 (41.56 Ac.)		B: FOUND BRASS CAP "1912" N: 599231.6 - E: 732842.7 C: FOUND BRASS CAP "1912" N: 601873.3 - E: 732824.4 D: FOUND BRASS CAP "1912"	Printed Name E-mail Address
LOT 1 (41.44 Ac.)		(1) N: 604512.0 - E: 732806.5 E: FOUND BRASS CAP "1912" N: 607152.9 - E: 732787.3 F: FOUND BRASS CAP "1912"	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys
LOT 2 (41.31 Ac.)		N: 607174.7 - E: 735495.0 G: FOUND BRASS CAP "1912" N: 607174.0 - E: 738143.2 H: FOUND BRASS CAP "1912" N: 604543.6 - E: 738145.6	made by me or under my supervision, and that the same is true and correct to the best of my belief. 02/10/2023 Date of Survey Signature and Seal of Front Super Surveys
LOT 3 (41.19 Ac.)	19	I: FOUND BRASS CAP "1912" N: 601902.2 - E: 738156.7 J: FOUND BRASS CAP "1912" N: 599261.5 - E: 738165.9 K: FOUND BRASS CAP "1912"	Signature and Seal of Profesional Survey 19680
LOT 4 (41.06 Ac.)	500'- B.H.	N: 596620.4 — E: 738177.3 L: FOUND BRASS CAP "1912" N: 596606.4 — E: 735536.7 M: FOUND BRASS CAP "1912" N: 601882.6 — E: 735514.5	19680 Certificate Number
) N 89°39′49″	E 2676.10' 🗋 N 89°41'50" E 2641.26	5′⊗	Job No.: LS23020149

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

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

			WE	ELL LO	OCAT	ION AND	ACR	EAGE DEDIC	CATION PLA	T		
1	API Numbe	r			² Pool C	Code			³ Pool Na	me		
⁴ Property Coc	le			SP	ANISI		perty Na 3/19	B2AP FED	СОМ			⁶ Well Number
⁷ OGRID N	IO.				ME		erator Na	ame L COMPANY			9	Elevation 3649'
						10 Sur	face I	Location				
UL or lot no.	Section	Towns	hip	Range	Lot Idr	Feet from	the	North/South line	Feet From the	East/We	st line	County
A	18	198	3 3	33E		205		NORTH	1200	EAS	ST	LEA
				11 F	Bottom	Hole Loca	ation	If Different Fro	om Surface			
UL or lot no.	Section	Towns	hip	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/We	st line	County
P	19	198	3	33E		100		SOUTH	500	EAS	ST	LEA
12 Dedicated Acres	13 Joint	or Infill	14 Cons	solidation	Code	15 Order No.						

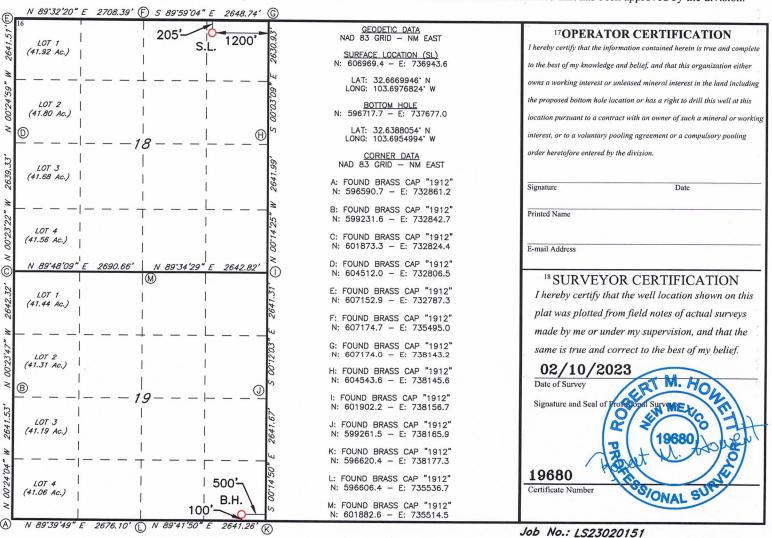


EXHIBIT C

TRACT OWNERSHIP
Spanish Bay 18/19B1DMFED COM #1H
Spanish Bay 18/19B1CNFED COM #1H
Spanish Bay 18/19B1BOFED COM #1H
Spanish Bay 18/19B1APFED COM #1H
Sections18&19, T19S, R33E
Lea County, New Mexico

Sections18&19: Bone Spring formation:

Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas 79701	% Interest 52.708334%
*Occidental Permian Limited Partnership 5 Greenway Plaza, Suite 110 Houston, Texas 76450	17.384710%
Javelina Partners 616 Texas Street Fort Worth, Texas 76102	8.728073%
Zorro Partners, Ltd. 616 Texas Street Fort Worth, Texas 76102	8.728073%
*OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, Texas 76450	3.216818%
*COG Operating LLC 600 W. Illinois Avenue Midland, Texas 79701	3.139610%
*ZPZ Delaware I LLC 2000 Post Oak Boulevard, Suite 100 Houston, Texas 77056	3.096071%
*Delmar Hudson Lewis Living Trust Bank of America (Trustee) P.O. Box 830308	2.696932%

ATTACHMENT B

Dallas, Texas 75283

EXHIBIT C

Ard Oil LTD.		2.579973%
P.O. Box 101027		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Fort Worth, Texas 76185		
Moore and Shelton Company, Inc. P.O. Box 3070		
Galveston, Texas 77552		still be west
*Josephine T Hudson Testamentary T Frost Bank, (Trustee)	Γrust	0.632686%
P.O. Box 1600		
San Antonio, Texas 78296		
*Earthstone Energy, Inc.		
		0.343789%
1400 Woodloch Forest Dr., Suite 300 The Woodlands, Texas 77380		
The Woodiands, Texas //380		
		100.000000%

^{*}Total interest being pooled: 30.510616%

Exhibit D

Summary of Communications

Spanish Bay 18/19 B1DM FED COM #1H Spanish Bay 18/19 B1CN FED COM #1H Spanish Bay 18/19 B1BO FED COM #1H Spanish Bay 18/19 B1AP FED COM #1H

Occidental Permian Limited Partnership, OXY USA Inc.

- 1) 05/05/2021 Well proposals and AFE's are sent via electronic mail.
- 2) 05/18/2021 Phone call with Clay Carroll to discuss the prospect and development plans.
- 3) 06/02/2021 Email to Clay Carroll to follow up on our previous discussions.
- 4) 08/05/2021 Email to Clay Carroll to discuss ownership and farmout status of acreage.
- 5) 02/03/2022 –Email to Clay Carroll to further discuss ownership and farmout status of acreage.
- 6) 03/30/2022 Email to Clay Carroll to further discuss stipulations, ownership and farmout.
- 7) 10/24/2022 Email to Clay Carroll to further discuss stipulations, ownership and farmout.
- 8) 02/16/2023 Email from Clay Carroll with suggested JOA changes.
- 9) 03/07/2023 Email detailing OXY ownership in proposed unit.

COG Operating, LLC

- 1) 05/05/2021 Well proposals and AFE's are sent via electronic mail.
- 2) 05/12/2021 Email Baylor Mitchell to discuss proposals and development plans.
- 3) 08/31/2021 EmailBaylor Mitchelldiscussing COG ownership in the proposed unit.
- 4) 09/07/2021 Email Baylor Mitchell negotiating the Joint Operating Agreement.
- 5) 10/13/2021 Email Baylor Mitchell to further negotiate the Joint Operating Agreement.
- 6) 6/14/2022 Emailed answers to Baylor Mitchell about the well proposals.
- 7) 10/25/2022 –Emailed for an update on status.
- 8) 1/10/2023 Phone call to discuss next steps and discuss pooling.
- 9) 2/9/2023 JOA negotiations continue to be discussed.

ZPZ Delaware I, LLC

- 1) 02/08/2022 Well proposals and AFE's are sent via electronic mail.
- 2) 02/16/2022 Emailed Leslie Mullen regarding questions about the proposed unit.
- 3) 4/26/2022 Emailed Leslie Mullen to discuss the pooling process and unit ownership.
- 4) 05/03/2022 Emailed Leslie Mullen to answer questions about pooling and other partners in the unit.
- 5) 1/30/2023 Emailed Leslie Mullen to discuss JOA status and other partners status.

Delmar Hudson Lewis Living Trust

- 1) 05/05/2021 Well proposals and AFE's are sent via certified mail.
- 2) 8/22/2022 Emailed Benjamin Browning (executor of the trust) and discussed possible term assignment details.
- 3) 8/25/2022 Called and emailed Benjamin Browning and negotiated the term assignment details.

Exhibit D

- 4) 8/31/2022 Emailed and negotiated term assignment details.
- 5) 9/15/2022 Followed up via email on the term assignment.

Earthstone Energy, Inc.

- 1) 05/05/2021 Well proposals and AFE's are sent via electronic mail.
- 2) 10/27/21 Emailed to discuss unit ownership and competing proposals.
- 3) 12/27/2021 Emailed discussing the pooling process and title.
- 4) 01/10/2022 Emailed to discussing next steps in forming the unit.
- 5) 03/05/2022 Emailed and called Derek Webb about change of ownership from Chisholm to Earthstone Energy.
- 6) 05/10/2022 Emailed Derek Webb to discuss unit ownership and farmout status with OXY.
- 7) 10/24/2022 Emailed Derek Webb and Matt Solomon about JOA.
- 8) 02/27/2023 Emailed Matt Solomon to discuss suggested changes to the JOA.

MEWBOURNE OIL COMPANY

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

May 5, 2021

Via Electronic Mail

Occidental Permian Limited Partnership 5 Greenway Plaza, Suite 110 Houston, Texas 76450

Re: Spanish Bay 18-19 Unit

Sections 18 & 19, T19S, R33E Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1291.96-acre Unit covering all of the above captioned acreage in Sections 18 & 19 for oil and gas production. Our title shows that Occidental Permian Limited Partnership ("OXY") owns a 17.384710% interest in the proposed Unit.

Mewbourne Oil Company hereby proposes drilling the following wells:

SPANISH BAY 18/19 B1CN FED COM #1H

Surface Location: 205' FNL & 1260' FEL, Sec. 18 Bottom Hole Location: 100' FSL & 1950' FWL, Sec. 19 Proposed Total Vertical Depth: 9125' Proposed Total Measured Depth: 18975' Target: 1st Bone Spring

SPANISH BAY 18/19 B2AP FED COM #1H

Surface Location: 205' FNL & 1200' FEL, Sec. 18 Bottom Hole Location: 100' FSL & 500' FEL, Sec. 19 Proposed Total Vertical Depth: 9950' Proposed Total Measured Depth: 19850' Target: 2nd Bone Spring

SPANISH BAY 18/19 B2CN FED COM #1H

Surface Location: 205' FNL & 1230' FWL, Sec. 18 Bottom Hole Location: 100' FSL & 1900' FWL, Sec. 19 Proposed Total Vertical Depth: 9942' Proposed Total Measured Depth: 19846' Target: 2nd Bone Spring

SPANISH BAY 18/19 B1BO FED COM #1H

Surface Location: 205' FNL & 1260' FEL, Sec. 18 Bottom Hole Location: 100' FSL & 1950' FEL, Sec. 19 Proposed Total Vertical Depth: 9125' Proposed Total Measured Depth: 18975'

Target: 1st Bone Spring

SPANISH BAY 18/19 B1DM FED COM #1H

Surface Location: 205' FNL & 1170' FWL, Sec. 18 Bottom Hole Location: 100' FSL & 100' FWL, Sec. 19 Proposed Total Vertical Depth: 9123' Proposed Total Measured Depth: 18972' Target: 1st Bone Spring

SPANISH BAY 18/19 B2BO FED COM #1H

Surface Location: 205' FNL & 1230' FEL, Sec. 18 Bottom Hole Location: 100' FSL & 1900' FEL, Sec. 19 Proposed Total Vertical Depth: 9123' Proposed Total Measured Depth: 18972' Target: 2nd Bone Spring

SPANISH BAY 18/19 B2DM FED COM #1H

Surface Location: 205' FNL & 1200' FWL, Sec. 18 Bottom Hole Location: 100' FSL & 500' FWL, Sec. 19 Proposed Total Vertical Depth: 9943' Proposed Total Measured Depth: 19839' Target: 2nd Bone Spring

SPANISH BAY 18/19 B1AP FED COM #1H

Surface Location: 205' FNL & 1170' FEL, Sec. 18 Bottom Hole Location: 100' FSL & 500' FEL, Sec. 19 Proposed Total Vertical Depth: 9125' Proposed Total Measured Depth: 18975' Target: 1st Bone Spring

Regarding the above enclosed for your further handling is our AFE dated May 3, 2021 for the above referenced proposed well. In the event OXY elects to participate in the proposed WIU and wells, please execute the enclosed AFE and return to me within thirty (30) days. Our Operating Agreement to follow.

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

Very truly yours,

Carson J. Cullen

Carson Cullen Landman

Mewbourne Oil Company

1
ATTACHMENT

AUTHORIZATION FOR EXP Well Name: SPANISH BAY 18/19 B1DM FED COM #1H					
TO TO BIBLITED COM #111	WAS DEED BY	spect:			
Location: SL: 205 FNL & 1170 FWL (18); BHL: 100 FSL & 500 FWL (19)		County: Lea			ST: NI
Sec. 18 Blk: Survey: TWP:	198	RNG: 3	3E Prop. TV	D: 9123	TMD: 1897
INTANGIBLE COSTS 0180		CODE	TCP	CODE	СС
Regulatory Permits & Surveys		0180-0100		0 0180-0200	
ocation / Road / Site / Preparation		0180-0105		0180-0205	\$25
Daywork / Turnkey / Footage Drilling 28 days drlg / 3 days comp @ \$19500/d		0180-0106		0180-0206	\$25
tuel 1700 gal/day @ \$3/gal		0180-0110 0180-0114		0180-0210	\$62
Alternate Fuels	_	0180-0114	\$152,500	0180-0214	\$369
Mud, Chemical & Additives		0180-0120	\$70,000	0180-0210	
Mud - Specialized		0180-0121	\$110,000	0180-0221	
lorizontal Drillout Services Stimulation Toe Preparation				0180-0222	\$200
Cementing		2400 0405	400.000	0180-0223	\$30
ogging & Wireline Services		0180-0125 0180-0130		0180-0225	\$35
Casing / Tubing / Snubbing Services		0180-0134		0180-0230	\$290 \$40
lud Logging		0180-0137	\$35,000		Ψ40
timulation 51 Stg 20.2 MM gal / 20.2 MM lb				0180-0241	\$1,450
timulation Rentals & Other /ater & Other				0180-0242	\$200
its		0180-0145		0180-0245	\$350
spection & Repair Services		0180-0148		0180-0248	\$5
lisc. Air & Pumping Services		0180-0150 0180-0154	\$50,000	0180-0250 0180-0254	\$5
esting & Flowback Services		0180-0154	\$12,000		\$10 \$24
ompletion / Workover Rig		0.000 0.000	Ψ12,000	0180-0260	\$10
ig Mobilization		0180-0164	\$120,000		V 10
ransportation		0180-0165		0180-0265	\$20
elding, Construction & Maint. Services ontract Services & Supervision		0180-0168		0180-0268	\$15
rectional Services Includes Vertical Control		0180-0170		0180-0270	\$40
quipment Rental		0180-0175 0180-0180	\$385,000	0180-0280	\$15
ell / Lease Legal		0180-0184		0180-0284	φ10
ell / Lease Insurance		0180-0185		0180-0285	
tangible Supplies		0180-0188		0180-0288	\$1
amages		0180-0190	\$10,000	0180-0290	\$10
peline Interconnect, ROW Easements ompany Supervision		0180-0192		0180-0292	\$5
verhead Fixed Rate		0180-0195 0180-0196		0180-0295	\$70
ontingencies 2% (TCP) 2% (CC)		0180-0199		0180-0296 0180-0299	\$20 \$66
, , , , ,	OTAL	0100-0100	\$2,642,208	0100-0233	\$3,394
TANGIBLE COSTS 0181			\$2,012,200		Ψ0,004
asing (19.1" – 30")		0181-0793			
asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36.5/ft		0181-0794	\$54,600		
asing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ft		0181-0795	\$111,700		
asing (6.1" – 8.0") 9200' - 7" 29# HCP-110 LT&C @ \$27/ft		0181-0796	\$265,300		
asing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$14.5/ft				0181-0797	\$166
ubing 8270' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft rilling Head			207.000	0181-0798	\$69
illing Head & Upper Section		0181-0860	\$35,000	0181-0870	#20
prizontal Completion Tools Completion Liner Hanger		1		0181-0870	\$30 \$50
bsurface Equip. & Artificial Lift				0181-0880	\$25
imping Unit Systems				0181-0885	Ψ20
rvice Pumps (1/4) TP/CP/Circ pump				0181-0886	\$5
orage Tanks (1/4) 6 OT/5 WT/GB				0181-0890	\$75
nissions Control Equipment (1/4) VRT's/VRU/Flare/KO's paration / Treating Equipment (1/4) H sep/V sep/HT				0181-0892	\$90
paration / Treating Equipment (1/4) H sep/V sep/HT tomation Metering Equipment				0181-0895	\$60
e Pipe & Valves - Gathering (1/2) .5 mile gas & water				0181-0898 0181-0900	\$62 \$30
tings / Valves & Accessories				0181-0900	\$175
thodic Protection				0181-0908	\$7
ectrical Installation				0181-0909	\$100
uipment Installation		***		0181-0910	\$80
eline Construction (1/2) .5 mile gas & water				0181-0920	\$50
T	OTAL	-	\$466,600		£4.075
			\$466,600		\$1,075
SUBT	DIAL		\$3,108,808		\$4,469
TOTAL WELL CO	ST	_v	\$7,57	78,558	
a Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my	propoi , clean i	up and redrilling	of the premiur	<mark>m.</mark> n Line Item 018	30-0185.
Operator has secured Extra Expense Insurance covering costs of well control. I elect to purchase my own well control insurance policy.					
I elect to purchase my own well control insurance policy. Ither box is checked above, non-operating working interest owner elects to be covered by Operator's	well con	trol insurance.			
Operator has secured Extra Expense Insurance covering costs of well control. I elect to purchase my own well control insurance policy. ither box is checked above, non-operating working interest owner elects to be covered by Operator's Prepared by: T. Cude	well con Date:	5/3/2021			
I elect to purchase my own well control insurance policy. Ither box is checked above, non-operating working interest owner elects to be covered by Operator's	17.0				

Released to Ima

AUTHORIZATION FOR EXPEND		PANY re			
	ros	pect:			
Location: SL: 205 FNL & 1200 FWL (18); BHL: 100 FSL & 500 FWL (19)	c	ounty: Lea			ST: NM
Sec. 18 Blk: Survey: TWP: 1	98	RNG: 33	E Prop. TV	D: 9943	TMD: 19839
INTANGIBLE COSTS 0180		CODE	TCD		
Regulatory Permits & Surveys		0180-0100	TCP \$20,000	CODE 0 0180-0200	СС
ocation / Road / Site / Preparation		0180-0105		0 0180-0200	\$25,0
ocation / Restoration		0180-0106		0180-0206	\$25,0
Daywork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$19500/d		0180-0110		0180-0210	\$62,5
Fuel 1700 gal/day @ \$3/gal		0180-0114	\$163,400	0180-0214	\$369,0
Mud, Chemical & Additives	-	0180-0115 0180-0120	¢70.000	0180-0215	
Лud - Specialized		0180-0120		0 0180-0220	
forizontal Drillout Services		0.00 0.121	Ψ110,000	0180-0221	\$200,0
Stimulation Toe Preparation				0180-0223	\$30,0
Cementing ogging & Wireline Services		0180-0125		0180-0225	\$35,0
Casing / Tubing / Snubbing Services	_	0180-0130		0180-0230	\$290,0
Mud Logging	-	0180-0134 0180-0137	\$18,000	0180-0234	\$40,0
stimulation 51 Stg 20.2 MM gal / 20.2 MM lb	\neg	0100-0137	\$35,000	0180-0241	\$1,450,0
itimulation Rentals & Other	\neg			0180-0241	\$200.0
Vater & Other		0180-0145	\$35,000	0180-0245	\$350,0
Sits		0180-0148	\$117,500	0180-0248	\$5,0
nspection & Repair Services /lisc. Air & Pumping Services		0180-0150	\$50,000	0180-0250	\$5,0
esting & Flowback Services	$-\parallel$	0180-0154	640.000	0180-0254	\$10,0
Completion / Workover Rig	$-\parallel$	0180-0158	\$12,000	0180-0258 0180-0260	\$24,00
Rig Mobilization	\dashv	0180-0164	\$120,000		\$10,50
ransportation	_	0180-0165		0180-0265	\$20,00
Velding, Construction & Maint. Services		0180-0168		0180-0268	\$15,00
Contract Services & Supervision Directional Services Includes Vertical Control		0180-0170		0180-0270	\$40,00
prectional Services Includes Vertical Control equipment Rental		0180-0175	\$434,000		
Vell / Lease Legal		0180-0180 0180-0184		0180-0280	\$15,00
Vell / Lease Insurance		0180-0185		0180-0284 0180-0285	
ntangible Supplies		0180-0188		0180-0288	\$1,00
Damages		0180-0190		0180-0290	\$10,00
Pipeline Interconnect, ROW Easements Company Supervision		0180-0192		0180-0292	\$5,00
Overhead Fixed Rate		0180-0195	\$225,000	0180-0295	\$70,50
Contingencies 2% (TCP) 2% (CC)		0180-0196 0180-0199	\$10,000 \$54,954	0180-0296 0180-0299	\$20,00
TOTA		0100-0199	\$2,802,654	0180-0299	\$66,55 \$3,394,05
TANGIBLE COSTS 0181	-		Ψ2,002,034		\$3,394,03
Easing (19.1" – 30")	-	0181-0793			
asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36.5/ft		0181-0794	\$54,600		
asing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ft		0181-0795	\$111,700		
asing (6.1" – 8.0") 10100' - 7" 29# HCP-110 LT&C @ \$27/ft		0181-0796	\$291,200	-	
asing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$14.5/ft ubing 9120' - 2 7/8" 6.5# L-80 Tha @ \$7 82/ft				0181-0797	\$166,60
ubing 9120' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft rilling Head	4	0404 0000	*05.000	0181-0798	\$76,20
ubing Head & Upper Section		0181-0860	\$35,000	0181-0870	\$30,00
orizontal Completion Tools Completion Liner Hanger	┰			0181-0870	\$50,00
ubsurface Equip. & Artificial Lift	┰			0181-0880	\$25,00
umping Unit Systems				0181-0885	+==,00
ervice Pumps (1/4) TP/CP/Circ pump				0181-0886	\$5,00
torage Tanks (1/4) 6 OT/5 WT/GB missions Control Equipment (1/4) VRT's/VRU/Flare/KO's	_			0181-0890	\$75,00
missions Control Equipment (1/4) VRT's/VRU/Flare/KO's eparation / Treating Equipment (1/4) H sep/V sep/HT		-		0181-0892	\$90,00
utomation Metering Equipment	\dashv			0181-0895 0181-0898	\$60,00 \$62,50
ne Pipe & Valves - Gathering (1/2) .5 mile gas & water	\dashv			0181-0990	\$30,00
ttings / Valves & Accessories				0181-0906	\$175,00
athodic Protection				0181-0908	\$7,50
ectrical Installation				0181-0909	\$100,00
	_ -			0181-0910	\$80,00
peline Construction (1/2) .5 mile gas & water	\dashv			0181-0920	\$50,00
	╫				
TOTA			\$492,500		\$1,082,80
SUBTOTA	⊣⊢				
	٦ŀ		\$3,295,154		\$4,476,85
TOTAL WELL COST tra Expense Insurance	porti	ionate share of	of the premiu	72,004 m. n Line Item 018	30-0185.
I elect to be covered by Operator's Extra Expense Insurance and pay my pro Operator has secured Extra Expense Insurance covering costs of well control, clea I elect to purchase my own well control insurance policy.					
Operator has secured Extra Expense Insurance covering costs of well control, clean lelect to purchase my own well control insurance policy.					
Operator has secured Extra Expense Insurance covering costs of well control, clear I elect to purchase my own well control insurance policy. either box is checked above, non-operating working interest owner elects to be covered by Operator's well.	contr	ol insurance.			
Operator has secured Extra Expense Insurance covering costs of well control, clean lelect to purchase my own well control insurance policy.	contr te:				

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	ATTACHMENT

MEWBOURNE OIL COM AUTHORIZATION FOR EXPENDIT				
	ospect:		MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND	
Location: SL: 205 FNL & 1260 FWL (18); BHL: 100 FSL & 1950 FWL (19)	County: Lea			ST: NM
Sec. 18 Bik: Survey: TWP: 195		BE Prop. TV	D. 9125	CONTRACTOR OF THE PARTY OF THE
INTANGIBLE COSTS 0180			1	
Regulatory Permits & Surveys	0180-0100	*\$20,000	CODE 0 0180-0200	СС
ocation / Road / Site / Preparation	0180-0105		0180-0200	\$25,0
Location / Restoration	0180-0106		0180-0206	\$25,0
Daywork / Turnkey / Footage Drilling 28 days drlg / 3 days comp @ \$19500/d	0180-0110		0180-0210	\$62,5
Fuel 1700 gal/day @ \$3/gal Alternate Fuels	0180-0114	\$152,500	0180-0214	\$369,0
Mud, Chemical & Additives	0180-0115 0180-0120	.\$70,000	0180-0215 0180-0220	
Mud - Specialized	0180-0121		0180-0220	
Horizontal Drillout Services		7	0180-0222	\$200,0
Stimulation Toe Preparation Cementing	-		0180-0223	\$30,0
ogging & Wireline Services	0180-0125		0180-0225	\$35,0
Casing / Tubing / Snubbing Services	0180-0130 0180-0134		0180-0230 0180-0234	\$290,0
Mud Logging	0180-0137	\$35,000		\$40,0
Stimulation 51 Stg 20.2 MM gal / 20.2 MM lb		400,000	0180-0241	\$1,450,0
Stimulation Rentals & Other			0180-0242	\$200,0
Vater & Other Bits	0180-0145		0180-0245	\$350,0
nspection & Repair Services	0180-0148		0180-0248	\$5,0
Aisc. Air & Pumping Services	0180-0150 0180-0154	\$50,000	0180-0250 0180-0254	\$5,0 \$10,0
esting & Flowback Services	0180-0154	\$12.000	0180-0254	\$10,00
Completion / Workover Rig	- 35 5 100	₩ . ~,000	0180-0258	\$10,50
Rig Mobilization	0180-0164	\$120,000		, , .
ransportation Velding, Construction & Maint. Services	0180-0165		0180-0265	\$20,00
Contract Services & Supervision	0180-0168		0180-0268	\$15,00
Directional Services Includes Vertical Control	0180-0170 0180-0175	\$55,500 \$385,000	0180-0270	\$40,00
equipment Rental	0180-0175		0180-0280	\$15,00
Vell / Lease Legal	0180-0184		0180-0284	\$15,00
Vell / Lease Insurance	0180-0185		0180-0285	
ntangible Supplies	0180-0188		0180-0288	\$1,00
Damages Pipeline Interconnect, ROW Easements	0180-0190	\$10,000	0180-0290	\$10,00
Company Supervision	0180-0192 0180-0195	\$100 E00	0180-0292	\$5,00
Overhead Fixed Rate	0180-0196		0180-0295 0180-0296	\$70,50 \$20,00
Contingencies 2% (TCP) 2% (CC)	0180-0199		0180-0299	\$66,55
TOTAL		\$2,642,208		\$3,394,05
TANGIBLE COSTS 0181				
Casing (19.1" – 30")	0181-0793	144		
Casing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36.5/ft	0181-0794	\$54,600		
Casing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ft Casing (6.1" – 8.0") 9200' - 7" 29# HCP-110 LT&C @ \$27/ft	0181-0795	\$111,700		
Casing (6.1" – 8.0") 9200' - 7" 29# HCP-110 LT&C @ \$27/ft Casing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$14.5/ft	0181-0796	\$265,300	0181-0797	\$166,60
Fubing 8270' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft	1		0181-0797	\$69,10
Prilling Head	0181-0860	\$35,000	01010100	ψου, το
ubing Head & Upper Section			0181-0870	\$30,00
Iorizontal Completion Tools Completion Liner Hanger			0181-0871	\$50,00
ubsurface Equip. & Artificial Lift umping Unit Systems			0181-0880	\$25,00
ervice Pumps (1/4) TP/CP/Circ pump	1		0181-0885	\$5,00
torage Tanks (1/4) 6 OT/5 WT/GB			0181-0886 0181-0890	\$5,00
missions Control Equipment (1/4) VRT's/VRU/Flare/KO's			0181-0892	\$90,00
eparation / Treating Equipment (1/4) H sep/V sep/HT			0181-0895	\$60,00
utomation Metering Equipment			0181-0898	\$62,50
ine Pipe & Valves - Gathering (1/2) .5 mile gas & water			0181-0900	\$30,00
ittings / Valves & Accessories athodic Protection			0181-0906	\$175,00
lectrical Installation			0181-0908 0181-0909	\$7,50 \$100,00
quipment Installation			0181-0910	\$80,00
ipeline Construction (1/2) .5 mile gas & water			0181-0920	\$50,00
(π2) .5 time gas α water				
(112) .5 Hillio gas & Waldf				
		-		
TOTAL		\$466,600		\$1,075,70
		\$466,600 \$3,108,808		\$1,075,70 \$4,469,75
TOTAL		\$3,108,808	78,558	
TOTAL SUBTOTAL TOTAL WELL COST tra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my prope Operator has secured Extra Expense Insurance covering costs of well control, clean I elect to purchase my own well control insurance policy.	up and redrilling	\$3,108,808 \$7,57	m	\$4,469,75
TOTAL SUBTOTAL TOTAL WELL COST tra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my prope Operator has secured Extra Expense Insurance covering costs of well control, clean I elect to purchase my own well control insurance policy. neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control.	up and redrilling	\$3,108,808 \$7,57	m	\$4,469,75
TOTAL SUBTOTAL TOTAL WELL COST tra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my proper Operator has secured Extra Expense Insurance covering costs of well control, clean I elect to purchase my own well control insurance policy. Teither box is checked above, non-operating working interest owner elects to be covered by Operator's well control by: T. Cude Date:	up and redrilling ntrol insurance. 5/3/2021	\$3,108,808 \$7,57	m	\$4,469,75
TOTAL SUBTOTAL TOTAL WELL COST tra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my prope Operator has secured Extra Expense Insurance covering costs of well control, clean I elect to purchase my own well control insurance policy. either box is checked above, non-operating working interest owner elects to be covered by Operator's well control. Prepared by: T. Cude Date:	up and redrilling ntrol insurance. 5/3/2021	\$3,108,808 \$7,57	m	\$4,469,75

MEWBOURNE OIL CO AUTHORIZATION FOR EXPEND						
Well Name: SPANISH BAY 18/19 B2CN FED COM #1H		pect:				
Location: SL: 205 FNL & 1230 FWL (18); BHL: 100 FSL & 1900 FWL (19)	Co	ounty: Lea			ST:	NM
Sec. 18 Blk: Survey: TWP: 1	98	RNG: 3	BE Prop. TV	D: 9942	TMD: 1	
INTANGIBLE COSTS 0180		CODE	TCP	CODE		
Regulatory Permits & Surveys		0180-0100		0 0180-0200		С
Location / Road / Site / Preparation Location / Restoration		0180-0105		0180-0205		\$25,00
		0180-0106		0180-0206		\$25,00
Daywork / Turnkey / Footage Drilling 30 days drlg / 3 days comp @ \$19500/d Fuel 1700 gal/day @ \$3/gal		0180-0110		0180-0210		\$62,50
Alternate Fuels	_	0180-0114 0180-0115	\$163,400	0180-0214 0180-0215	\$	369,00
Mud, Chemical & Additives		0180-0110	\$70.000	0180-0215		
Mud - Specialized		0180-0121		0180-0221		
Horizontal Drillout Services Stimulation Toe Preparation				0180-0222	\$	200,00
Cementing	_			0180-0223		\$30,00
Logging & Wireline Services	-	0180-0125		0180-0225		\$35,00
Casing / Tubing / Snubbing Services	-	0180-0130 0180-0134		0180-0230 0180-0234		290,000
Mud Logging	\neg	0180-0137	\$35,000		-	\$40,000
Stimulation 51 Stg 20.2 MM gal / 20.2 MM lb			400,000	0180-0241	\$1.4	450,000
Stimulation Rentals & Other				0180-0242		200,000
Water & Other Bits		0180-0145		0180-0245		350,000
Inspection & Repair Services	_	0180-0148		0180-0248		\$5,000
Misc. Air & Pumping Services	_	0180-0150 0180-0154	\$50,000	0180-0250 0180-0254		\$5,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0254		\$10,000 \$24,000
Completion / Workover Rig			412,000	0180-0260		10.500
Rig Mobilization		0180-0164	\$120,000			,,,,,,,
Transportation Welding, Construction & Maint. Services		0180-0165		0180-0265		20,000
Contract Services & Supervision	_	0180-0168		0180-0268		15,000
Directional Services Uncludes Vertical Control	_	0180-0170 0180-0175	\$55,500 \$434,000	0180-0270		40,000
Equipment Rental	_	0180-0175		0180-0280	4	315,000
Well / Lease Legal		0180-0184		0180-0284	4	110,000
Well / Lease Insurance		0180-0185		0180-0285		
Intangible Supplies	_	0180-0188		0180-0288		\$1,000
Damages Pipeline Interconnect, ROW Easements		0180-0190	\$10,000	0180-0290	\$	10,000
Company Supervision	_	0180-0192 0180-0195	\$225,000	0180-0292 0180-0295		\$5,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0295		370,500 320,000
Contingencies 2% (TCP) 2% (CC)		0180-0199	\$54,954	0180-0299		66,550
TOTA	AL		\$2,802,654			94,050
TANGIBLE COSTS 0181						
Casing (19.1" – 30")		0181-0793				
Casing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36.5/ft		0181-0794	\$54,600			
Casing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ft Casing (6.1" – 8.0") 10100' - 7" 29# HCP-110 LT&C @ \$27/ft		0181-0795	\$111,700			
Casing (6.1" – 8.0") 10100' - 7" 29# HCP-110 LT&C @ \$27/ft Casing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$14.5/ft	-	0181-0796	\$291,200	0181-0797	¢1	66,600
Tubing 9120' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft	╢			0181-0797		76,200
Drilling Head	1	0181-0860	\$35,000	0.01.0100		10,200
Tubing Head & Upper Section				0181-0870	\$	30,000
Horizontal Completion Tools Completion Liner Hanger	\Box			0181-0871	\$	50,000
Subsurface Equip. & Artificial Lift Pumping Unit Systems	4		^	0181-0880	\$	25,000
Service Pumps (1/4) TP/CP/Circ pump	ᅪ	-		0181-0885 0181-0886		\$5,000
Storage Tanks (1/4) 6 OT/5 WT/GB	\dashv			0181-0880		75.000
Emissions Control Equipment (1/4) VRT's/VRU/Flare/KO's				0181-0892		90,000
Separation / Treating Equipment (1/4) H sep/V sep/HT				0181-0895	\$	60,000
Automation Metering Equipment				0181-0898		62,500
ine Pipe & Valves - Gathering (1/2) .5 mile gas & water ittings / Valves & Accessories				0181-0900		30,000
Cathodic Protection	-			0181-0906 0181-0908		75,000 \$7,500
Electrical Installation	\dashv			0181-0908		00,000
Equipment Installation				0181-0910		80,000
Pipeline Construction (1/2) .5 mile gas & water				0181-0920	\$	50,000
	-		0.453 773			
TOTA	_		\$492,500			082,800
SUBTOTA	VL		\$3,295,154		\$4,4	476,850
TOTAL WELL COST			\$7,77	72,004		
l elect to be covered by Operator's Extra Expense Insurance and pay my pro Operator has secured Extra Expense Insurance covering costs of well control, cler l elect to purchase my own well control insurance policy.	port an up	ionate share and redrilling	of the premiur	m. in Line Item 0	180-0185.	
neither box is checked above, non-operating working interest owner elects to be covered by Operator's well	contr	ol insurance.				
	ate:	5/3/2021				
Company Approval: Da	ate:					
Joint Owner Interest: 0.97647500% Amount: \$75,891.68						

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	ATTACHMENT

AUTHORIZATION FOR EXPENDITION	URE			
	spect:			
	County: Lea			ST: NN
Sec. 18 Blk: Survey: 19S	RNG: 3	BE Prop. TV	D: 9125	TMD: 1897
INTANGIBLE COSTS 0180	CODE	TCP	CODE	СС
Regulatory Permits & Surveys	0180-0100		0 0180-0200	
Location / Road / Site / Preparation	0180-0105	\$65,000	0180-0205	\$25
_ocation / Restoration Daywork / Turnkey / Footage Drilling 28 days drig / 3 days comp @ \$19500/d	0180-0106		0180-0206	\$25
Daywork / Turnkey / Footage Drilling 28 days drlg / 3 days comp @ \$19500/d Fuel 1700 gal/day @ \$3/gal	0180-0110		0180-0210	\$62
Alternate Fuels	0180-0114	\$152,500	0180-0214	\$369,
Mud, Chemical & Additives	0180-0113	\$70.000	0180-0215	
Mud - Specialized	0180-0121		0180-0221	
Horizontal Drillout Services			0180-0222	\$200
Stimulation Toe Preparation Cementing			0180-0223	\$30,
Logging & Wireline Services	0180-0125	\$80,000		\$35,
Casing / Tubing / Snubbing Services	0180-0130 0180-0134	\$2,300 \$18,000	0180-0230	\$290,
Mud Logging	0180-0134	\$35,000		\$40,
Stimulation 51 Stg 20.2 MM gal / 20.2 MM lb	0100-0107	Ψ33,000	0180-0241	\$1,450,
Stimulation Rentals & Other	-		0180-0242	\$200,
Vater & Other	0180-0145	\$35,000	0180-0245	\$350,
Bits	0180-0148		0180-0248	\$5,
nspection & Repair Services Misc. Air & Pumping Services	0180-0150	\$50,000	0180-0250	\$5,
Testing & Flowback Services	0180-0154 0180-0158	£12.000	0180-0254	\$10,
Completion / Workover Rig	0180-0158	\$12,000	0180-0258 0180-0260	\$24,
Rig Mobilization	0180-0164	\$120,000		\$10,
ransportation	0180-0165		0180-0265	\$20,0
Velding, Construction & Maint. Services	0180-0168	\$4,000	0180-0268	\$15,0
Contract Services & Supervision Directional Services Includes Vertical Control	0180-0170		0180-0270	\$40,0
Orectional Services Includes Vertical Control quipment Rental	0180-0175	\$385,000		
Vell / Lease Legal	0180-0180		0180-0280	\$15,0
Vell / Lease Insurance	0180-0184 0180-0185		0180-0284 0180-0285	
ntangible Supplies	0180-0188		0180-0288	\$1,0
Damages	0180-0190		0180-0290	\$10,0
ipeline Interconnect, ROW Easements	0180-0192		0180-0292	\$5,0
Company Supervision	0180-0195		0180-0295	\$70,5
Overhead Fixed Rate Contingencies 2% (TCP) 2% (CC)	0180-0196		0180-0296	\$20,0
, = 10 (00)	0180-0199		0180-0299	\$66,5
TOTAL		\$2,642,208		\$3,394,0
TANGIBLE COSTS 0181 asing (19.1" – 30")				
asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36.5/ft	0181-0793	AF4.000		
Fasing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ft	0181-0794 0181-0795	\$54,600 \$111,700		
asing (6.1" – 8.0") 9200' - 7" 29# HCP-110 LT&C @ \$27/ft	0181-0796	\$265,300		
asing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$14.5/ft	0101-0700	Ψ200,000	0181-0797	\$166,6
ubing 8270' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft			0181-0798	\$69,1
rilling Head	0181-0860	\$35,000		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ubing Head & Upper Section			0181-0870	\$30,0
orizontal Completion Tools Completion Liner Hanger ubsurface Equip. & Artificial Lift			0181-0871	\$50,0
umping Unit Systems			0181-0880	\$25,0
ervice Pumps (1/4) TP/CP/Circ pump		-	0181-0885 0181-0886	\$5,0
torage Tanks (1/4) 6 OT/5 WT/GB			0181-0890	\$75,0
missions Control Equipment (1/4) VRT's/VRU/Flare/KO's	-	,	0181-0892	\$90,0
eparation / Treating Equipment (1/4) H sep/V sep/HT	***************************************	4	0181-0895	\$60,0
utomation Metering Equipment	***************************************		0181-0898	\$62,5
ne Pipe & Valves - Gathering (1/2) .5 mile gas & water ttings / Valves & Accessories		**	0181-0900	\$30,0
athodic Protection	-		0181-0906	\$175,0
ectrical Installation			0181-0908 0181-0909	\$7,5
quipment Installation			0181-0909	\$100,0 \$80,0
peline Construction (1/2) .5 mile gas & water			0181-0920	\$50,0
			0101 0020	ψου,υ
TOTAL		\$466,600		\$1,075,7
SUBTOTAL		\$3,108,808		\$4,469,7
TOTAL WELL COST			70 550	4 1, 100,1
tra Expense Insurance		\$7,5	78,558	
I elect to be covered by Operator's Extra Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean u	tionate share op and redrilling	of the premiur as estimated i	<mark>m.</mark> n Line Item 01	80-0185.
I elect to purchase my own well control insurance policy.				
either box is checked above, non-operating working interest owner elects to be covered by Operator's well con	trol insurance.			
Prepared by: T. Cude Date:	5/3/2021			
Company Approval:	- Granzoz I			
Date:				

		MEWBOUR AUTHORIZATI	NE OIL COM ON FOR EXPENDIT				
Well Name:		Y 18/19 B2BO FED COM#	AND DESCRIPTION OF THE PERSON	spect:			
Location: SL: 205		18); BHL: 100 FSL & 1900 I	EL (19)	County: Lea			ST: N
Sec. 18 Blk:	Survey:		TWP: 19S	RNG: 3	3E Prop. TV	D: 9950	TMD: 198
	INTANG	IBLE COSTS 0180		CODE	TCP	CODE	
Regulatory Permits &	Surveys			0180-0100		0 0180-0200	CC
ocation / Road / Site				0180-0105		0180-0205	\$2
ocation / Restoration Daywork / Turnkey / R		20 days date / 0 days	0.01055511	0180-0106		0180-0206	\$2
uel	dotage Drilling	30 days drlg / 3 days com 1700 gal/day @ \$3/gal	p @ \$19500/d	0180-0110		0180-0210	\$6
Iternate Fuels		1700 gairday @ \$5/gai		0180-0114 0180-0115	\$163,400	0180-0214 0180-0215	\$36
lud, Chemical & Ado	ditives			0180-0110	\$70,000	0180-0213	
lud - Specialized Iorizontal Drillout Se				0180-0121		0180-0221	
timulation Toe Prepare						0180-0222	\$20
ementing	aration			0400 0405	#00.000	0180-0223	\$3
ogging & Wireline S	ervices			0180-0125 0180-0130		0180-0225 0180-0230	\$3: \$29
asing / Tubing / Snu	ibbing Services			0180-0134		0180-0234	\$40
lud Logging				0180-0137	\$35,000		Ψι
timulation timulation Rentals &	Other	51 Stg 20.2 MM gal / 20.2	2 MM lb			0180-0241	\$1,450
ater & Other	Other			0400 0445	405.000	0180-0242	\$200
its				0180-0145 0180-0148		0180-0245 0180-0248	\$350 \$5
spection & Repair S	ervices			0180-0148		0180-0248	\$5
lisc. Air & Pumping S				0180-0154		0180-0254	\$10
esting & Flowback S ompletion / Workove				0180-0158	\$12,000	0180-0258	\$24
ig Mobilization	a rily			0400 0404	£100 ===	0180-0260	\$10
ransportation				0180-0164 0180-0165	\$120,000	0180-0265	\$20
elding, Construction	& Maint. Services			0180-0168		0180-0268	\$15
ontract Services & S	upervision			0180-0170		0180-0270	\$40
irectional Services quipment Rental		Includes Vertical Control		0180-0175	\$434,000		
ell / Lease Legal				0180-0180		0180-0280	\$15
ell / Lease Insuranc	е			0180-0184 0180-0185		0180-0284 0180-0285	
tangible Supplies				0180-0188		0180-0288	\$1
amages				0180-0190		0180-0290	\$10
ipeline Interconnect, ompany Supervision	ROW Easements			0180-0192		0180-0292	\$5
verhead Fixed Rate				0180-0195		0180-0295	\$70
ontingencies	2% (TC	CP) 2% (CC)		0180-0196 0180-0199	\$10,000 \$54,954	0180-0296 0180-0299	\$20 \$66
	•		TOTAL	0100 0100	\$2,802,654	0100-0233	\$3,394
	TANGIB	LE COSTS 0181					40,00
asing (19.1" – 30")		**************************************		0181-0793			
asing (10.1" – 19.0")	1400'	- 13 3/8" 54.5# J-55 ST&C @ \$	36.5/ft	0181-0794	\$54,600		
asing (8.1" – 10.0") asing (6.1" – 8.0")	5100'	- 9 5/8" 40# N-80 LT&C @ \$20.	5/ft	0181-0795	\$111,700		
asing (4.1" – 6.0")	10700	' - 7" 29# HCP-110 LT&C @ \$2 ' - 4 1/2" 13.5# P-110 BPN @ \$	//π 14 Ε/ Π	0181-0796	\$291,200	0404.0707	A 400
ıbing	9120'	- 2 7/8" 6.5# L-80 Tbg @ \$7.82	ft			0181-0797 0181-0798	\$166 \$76
illing Head		00,		0181-0860	\$35,000	0101-0700	Ψίο
ubing Head & Upper						0181-0870	\$30
orizontal Completion ubsurface Equip. & A	rtificial Lift	letion Liner Hanger				0181-0871	\$50
Imping Unit Systems						0181-0880 0181-0885	\$25
ervice Pumps		P/CP/Circ pump			-	0181-0886	\$5
orage Tanks	(1/4) 6	OT/5 WT/GB				0181-0890	\$75
nissions Control Equ		/RT's/VRU/Flare/KO's		-		0181-0892	\$90
	collinment (1/4) F	H sep/V sep/HT				0181-0895	\$60
paration / Treating E	quinment			-		0181-0898 0181-0900	\$62, \$30
paration / Treating E tomation Metering E ne Pipe & Valves - G	Equipment (1/2) .5	5 mile gas & water	ı			0101-03001	\$30
paration / Treating E tomation Metering E ne Pipe & Valves - G tings / Valves & Acc	Equipment (1/2) .5	5 mile gas & water		-			\$1/5
eparation / Treating E utomation Metering E ne Pipe & Valves - G tings / Valves & Acc athodic Protection	Equipment (1/2) .5	5 mile gas & water				0181-0906 0181-0908	\$175, \$7,
paration / Treating Entomation Metering Entomation Metering Enter Pipe & Valves - Gatings / Valves & Accuthodic Protection ectrical Installation	Equipment (1/2) .5	5 mile gas & water		disease process		0181-0906 0181-0908 0181-0909	\$7, \$100,
paration / Treating E tomation Metering E te Pipe & Valves - G tings / Valves & Acc thodic Protection tectrical Installation uipment Installation	Equipment (1/2) .5 essories					0181-0906 0181-0908 0181-0909 0181-0910	\$7, \$100, \$80,
paration / Treating E tomation Metering E the Pipe & Valves - G tings / Valves & Acc thodic Protection petrical Installation	Equipment (1/2) .5 essories	5 mile gas & water 5 mile gas & water				0181-0906 0181-0908 0181-0909	\$7, \$100,
paration / Treating E tomation Metering E te Pipe & Valves - G tings / Valves & Acc thodic Protection tectrical Installation uipment Installation	Equipment (1/2) .5 essories					0181-0906 0181-0908 0181-0909 0181-0910	\$7, \$100, \$80,
paration / Treating E tomation Metering E e Pipe & Valves - G tings / Valves & Acc thodic Protection actrical Installation uipment Installation	Equipment (1/2) .5 essories		TOTAL			0181-0906 0181-0908 0181-0909 0181-0910	\$7, \$100, \$80,
paration / Treating E tomation Metering E e Pipe & Valves - G ings / Valves & Acc thodic Protection ctrical Installation uipment Installation	Equipment (1/2) .5 essories		TOTAL SUBTOTAL			0181-0906 0181-0908 0181-0909 0181-0910	\$7, \$100, \$80, \$50,
paration / Treating E tomation Metering E e Pipe & Valves - G ings / Valves & Acc thodic Protection ctrical Installation uipment Installation	Equipment (1/2) .5 essories	5 mile gas & water	SUBTOTAL		\$492,500 \$3,295,154	0181-0906 0181-0908 0181-0909 0181-0910 0181-0920	\$7, \$100, \$80, \$50,
paration / Treating E tomation Metering E e Pipe & Valves - G tings / Valves & Acc thodic Protection totrical Installation uipment Installation uipment Construction Ta Expense Insurance I elect to Operator I elect to	be covered by Oper has secured Extra Expurchase my own w	5 mile gas & water	SUBTOTAL WELL COST ce and pay my propor s of well control, clean u	up and redrilling	\$492,500 \$3,295,154 \$7,77	0181-0906 0181-0908 0181-0909 0181-0910 0181-0920	\$7, \$100, \$80, \$50, \$1,082
paration / Treating E tomation Metering E e Pipe & Valves - G tings / Valves & Acc thodic Protection totrical Installation uipment Installation uipment Construction Ta Expense Insurance I elect to Operator I elect to	be covered by Oper has secured Extra Expurchase my own w	TOTAI Tator's Extra Expense Insuran cpense Insurance covering costs vell control insurance policy.	SUBTOTAL WELL COST ce and pay my propor s of well control, clean u	up and redrilling	\$492,500 \$3,295,154 \$7,77	0181-0906 0181-0908 0181-0909 0181-0910 0181-0920	\$7, \$100, \$80, \$50, \$1,082
paration / Treating E comation Metering E e Pipe & Valves - G ings / Valves & Acc thodic Protection ctrical Installation uipment Installation eline Construction a Expense Insurance I elect to Operator I elect to ither box is checked abo	be covered by Oper has secured Extra Expurchase my own w	TOTAI Total ator's Extra Expense Insuran pense Insurance covering costs vell control insurance policy, ng interest owner elects to be cove	SUBTOTAL WELL COST ce and pay my propor s of well control, clean u	up and redrilling	\$492,500 \$3,295,154 \$7,77	0181-0906 0181-0908 0181-0909 0181-0910 0181-0920	\$7, \$100, \$80, \$50, \$1,082

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	ATTACHMENT

Well Name: SPANISH BAY 18/19 B1AP FED COM #1		spect:			
Location: SL: 205 FNL & 1170 FEL (18); BHL: 100 FSL & 500 FEI	_ (19)	County: Le	a		ST:
Sec. 18 Blk: Survey:	TWP: 19S	RNG:	33E Prop. TV	D: 9125	TMD: 1
INTANGIBLE COSTS 0180		CODE	ТСР	T	
Regulatory Permits & Surveys		0180-0100		CODE 0 0180-0200	С
_ocation / Road / Site / Preparation		0180-0105		0180-0205	
_ocation / Restoration Daywork / Turnkey / Footage Drilling 28 days drig / 3 days comp		0180-0106		0180-0206	
, , , , , , , , , , , , , , , , , , , ,	@ \$19500/d	0180-0110		0180-0210	
-uei 1700 gal/day @ \$3/gal Alternate Fuels		0180-0114		0180-0214	\$
Mud, Chemical & Additives		0180-0115 0180-0120		0180-0215	
Mud - Specialized		0180-0121		0180-0220	
Horizontal Drillout Services			71.10,500	0180-0222	9
Stimulation Toe Preparation Dementing				0180-0223	
ogging & Wireline Services		0180-0125		0180-0225	
Casing / Tubing / Snubbing Services		0180-0130		0180-0230	\$
Mud Logging		0180-0134 0180-0137	\$18,000	0180-0234	
Stimulation 51 Stg 20.2 MM gal / 20.2	MM Ib	0100-0137	φ35,000	0180-0241	\$1,
Stimulation Rentals & Other				0180-0242	\$
Vater & Other		0180-0145	\$35,000	0180-0245	\$
lits spection & Repair Services		0180-0148	\$117,500	0180-0248	
Ispection & Repair Services Misc. Air & Pumping Services	The state of the s	0180-0150	\$50,000	0180-0250	
esting & Flowback Services		0180-0154		0180-0254	
Completion / Workover Rig		0180-0158	\$12,000	0180-0258	
lig Mobilization		0100 0404	\$400.000	0180-0260	
ransportation		0180-0164 0180-0165	\$120,000	0180-0265	
Velding, Construction & Maint. Services		0180-0168		0180-0265	
ontract Services & Supervision		0180-0170		0180-0268	
irectional Services Includes Vertical Control		0180-0175	\$385,000	0180-0270	
quipment Rental		0180-0180		0180-0280	
/ell / Lease Legal		0180-0184		0180-0284	
/ell / Lease Insurance		0180-0185		0180-0285	
tangible Supplies		0180-0188	\$7,000	0180-0288	
amages ipeline Interconnect, ROW Easements		0180-0190	\$10,000	0180-0290	
ompany Supervision		0180-0192		0180-0292	
verhead Fixed Rate		0180-0195	\$198,500	0180-0295	
ontingencies 2% (TCP) 2% (CC)		0180-0196 0180-0199			
270 (101) 270 (00)	TOTAL	0180-0199	\$51,808 \$2,642,208	0180-0299	do d
TANGIBLE COSTS 0181	TOTAL		\$2,042,200		\$3,3
		0181-0793	7.9		
asing (19.1" – 30")		0101-0755			
	5.5/ft	0181-0794	\$54,600		
asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36 asing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/		0181-0794 0181-0795	\$54,600 \$111,700		
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asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36 asing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ asing (6.1" – 8.0") 9200' - 7" 29# HCP-110 LT&C @ \$27/fl asing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$1/ Jbing 8270' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft	ft	0181-0795 0181-0796	\$111,700 \$265,300	0181-0797 0181-0798	
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asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36 asing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ asing (6.1" – 8.0") 9200' - 7" 29# HCP-110 LT&C @ \$27/fl asing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$1- 21 bing 8270' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft lilling Head bing Head & Upper Section	ft	0181-0795 0181-0796	\$111,700 \$265,300	0181-0798 0181-0870	9
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asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36 asing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ asing (6.1" – 8.0") 9200' - 7" 29# HCP-110 LT&C @ \$27/fl asing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$1- 21 bing 8270' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft lilling Head bing Head & Upper Section	ft	0181-0795 0181-0796	\$111,700 \$265,300	0181-0798 0181-0870 0181-0871 0181-0880	
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asing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36 asing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ asing (6.1" – 8.0") 2200' - 7" 29# HCP-110 LT&C @ \$27/ft asing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$1/ 2010 BPN @ \$7/ 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft albing Head 2010 BPN @ \$7/ 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft 2010 Completion Liner Hanger 2010 Completion Liner Hanger 2010 Liner Hanger 2010 BPN @ \$1/ 2010 B	ft	0181-0795 0181-0796	\$111,700 \$265,300	0181-0798 0181-0870 0181-0871 0181-0880	\$ \$
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MEWBOURNE OIL COM AUTHORIZATION FOR EXPENDITU				
Well Name: SPANISH BAY 18/19 B2AP FED COM #1H Pros	spect:			
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Sec. 18 Blk: Survey: TWP: 19S		E Prop. TVI	D: 9950	TMD: 19850
	1			
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys	0180-0100	TCP	0180-0200	СС
Location / Road / Site / Preparation	0180-0105		0180-0200	\$25,000
Location / Restoration	0180-0106	\$200,000	0180-0206	\$25,000
Daywork / Turnkey / Footage Drilling 30 days drlg / 3 days comp @ \$19500/d Fuel 1700 gal/day @ \$3/gal	0180-0110		0180-0210	\$62,500
Alternate Fuels	0180-0114 0180-0115	\$163,400	0180-0214 0180-0215	\$369,000
Mud, Chemical & Additives	0180-0120	\$70,000	0180-0220	
Mud - Specialized	0180-0121	\$110,000	0180-0221	
Horizontal Drillout Services Stimulation Toe Preparation			0180-0222	\$200,000
Cementing	0180-0125	\$80,000	0180-0223 0180-0225	\$30,000 \$35,000
Logging & Wireline Services	0180-0130		0180-0230	\$290,000
Casing / Tubing / Snubbing Services Mud Logging	0180-0134		0180-0234	\$40,000
Stimulation 51 Stg 20.2 MM gal / 20.2 MM lb	0180-0137	\$35,000	0180-0241	\$1,450,000
Stimulation Rentals & Other			0180-0241	\$200,000
Water & Other	0180-0145	\$35,000	0180-0245	\$350,000
Bits Inspection & Repair Services	0180-0148	\$117,500	0180-0248	\$5,000
Misc. Air & Pumping Services	0180-0150 0180-0154	\$50,000	0180-0250 0180-0254	\$5,000 \$10,000
Testing & Flowback Services	0180-0158	\$12,000	0180-0254	\$24,000
Completion / Workover Rig			0180-0260	\$10,500
Rig Mobilization Transportation	0180-0164 0180-0165	\$120,000	0180-0265	# 00.000
Welding, Construction & Maint. Services	0180-0165		0180-0265	\$20,000 \$15,000
Contract Services & Supervision	0180-0170		0180-0270	\$40,000
Directional Services Includes Vertical Control	0180-0175	\$434,000		
Equipment Rental Well / Lease Legal	0180-0180 0180-0184		0180-0280 0180-0284	\$15,000
Well / Lease Insurance	0180-0185		0180-0284	
Intangible Supplies	0180-0188		0180-0288	\$1,000
Damages	0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements Company Supervision	0180-0192 0180-0195	\$225,000	0180-0292 0180-0295	\$5,000 \$70,500
Overhead Fixed Rate	0180-0196		0180-0296	\$20,000
Contingencies 2% (TCP) 2% (CC)	0180-0199	\$54,954	0180-0299	\$66,550
TOTAL		\$2,802,654		\$3,394,050
TANGIBLE COSTS 0181	0404.0700			
Casing (19.1" – 30") Casing (10.1" – 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$36.5/ft	0181-0793 0181-0794	\$54,600		
Casing (8.1" – 10.0") 5100' - 9 5/8" 40# N-80 LT&C @ \$20.5/ft	0181-0795	\$111,700		
Casing (6.1" – 8.0") 10100' - 7" 29# HCP-110 LT&C @ \$27/ft	0181-0796	\$291,200		
Casing (4.1" – 6.0") 10760' - 4 1/2" 13.5# P-110 BPN @ \$14.5/ft			0181-0797 0181-0798	\$166,600 \$76,200
Tubing 9120' - 2 7/8" 6.5# L-80 Tbg @ \$7.82/ft Drilling Head	0181-0860	\$35,000	0101-0790	\$76,200
Tubing Head & Upper Section		4/	0181-0870	\$30,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871	\$50,000
Subsurface Equip. & Artificial Lift Pumping Unit Systems			0181-0880 0181-0885	\$25,000
Service Pumps (1/4) TP/CP/Circ pump			0181-0886	\$5,000
Storage Tanks (1/4) 6 OT/5 WT/GB			0181-0890	\$75,000
Emissions Control Equipment (1/4) VRT's/VRU/Flare/KO's			0181-0892	\$90,000
Separation / Treating Equipment (1/4) H sep/V sep/HT Automation Metering Equipment			0181-0895 0181-0898	\$60,000 \$62,500
Line Pipe & Valves - Gathering (1/2) .5 mile gas & water			0181-0900	\$30,000
Fittings / Valves & Accessories			0181-0906	\$175,000
Cathodic Protection Electrical Installation			0181-0908 0181-0909	\$7,500 \$100,000
Equipment Installation			0181-0910	\$80,000
Pipeline Construction (1/2) .5 mile gas & water			0181-0920	\$50,000
TOTAL		\$492,500		\$1,082,800
SUBTOTAL		\$3,295,154		\$4,476,850
TOTAL WELL COST		\$7.7	72,004	
Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my propo Operator has secured Extra Expense Insurance covering costs of well control, clean I elect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control. Prepared by: T. Cude Date:	up and redrillin			0180-0185.
Company Approval: Date:				
Joint Owner Interest:0.97647500%			a Carabasa	
70,031.00 AHOURL \$75,031.00				