# BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING FEBRUARY 18, 2025

CASE Nos. 24892 - 24893

CHOCTAW BINGO 528H WELL
CHOCTAW BINGO 467H, 526H, 625H & 627H
WELLS

### LEA COUNTY, NEW MEXICO



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

APPLICATIONS OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 24892-24893

## HEARING PACKAGE TABLE OF CONTENTS

- Compulsory Pooling Application Checklist and Filed Application
- MEWBOURNE Exhibit A: Self-affirmed Statement of Thomas Sloan, Landman
  - o MEWBOURNE Exhibit A-1: Draft C-102s
  - o MEWBOURNE Exhibit A-2: Tract Ownership
  - o MEWBOURNE Exhibit A-3: Sample Well Proposal Letters & AFEs
  - o MEWBOURNE Exhibit A-4: Chronology of Contact
- MEWBOURNE Exhibit B: Self-affirmed Statement of Charles Crosby, Geologist
  - o MEWBOURNE Exhibit B-1: Location Map and Competing Development Plans
  - o MEWBOURNE Exhibit B-2: Structure Maps
  - o MEWBOURNE Exhibit B-3: Stratigraphic Cross-Sections
- MEWBOURNE Exhibit C: Self-Affirmed Statement of Notice

## **COMPULSORY POOLING APPLICATION CHECKLIST**

## ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 24892	APPLICANT'S RESPONSE
Date: February 18, 2025	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company [OGRID 14744]
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Avant Operating, LLC
Well Family	Choctaw Bingo
Formation/Pool	
Formation Name(s) or Vertical Extent:	Second Bone Spring Interval
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Second Bone Spring Interval
Pool Name and Pool Code:	Lusk; Bone Spring, North Pool (41450)
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	161.13-acres
Building Blocks:	Quarter-Quarter sections
Orientation:	Laydown
Description: TRS/County	Lot 4, the SE4SW4 and the S2SE4 of irregular Section 30, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in the application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-2
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibits A-1, B-1
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-3
Additional Information	
	Application seeks approval of an overlapping horizontal well
Special Provisions/Stipulations	spacing unit
<b>CERTIFICATION: I hereby certify that the information pr</b>	ovided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Michael H. Feldewert
Signed Name (Attorney or Party Representative):	
Date:	Tachal & Jellewers 12-Feb-25

### **COMPULSORY POOLING APPLICATION CHECKLIST**

### ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 24893	APPLICANT'S RESPONSE
Date: February 18, 2025	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company [OGRID 14744]
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Avant Operating, LLC
Well Family	Choctaw Bingo
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Lusk; Bone Spring, North Pool (41450)
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	642.24-acres
Building Blocks:	Quarter-Quarter sections
Orientation:	Laydown
Description: TRS/County	S2 of Section 29 and Lots 3-4, E2SW4 and the SE4 of irregular Section 30, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in the application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	Yes, there is slight ownership difference in the First Bone Spring interval underling Lot 4 & SE4SW4 of Section 30 which will be addressed contractually.
Proximity Tracts: If yes, description	Yes, the N2S2 equivalent and the S2S2 equivalent of Sections 29 and 30
Proximity Defining Well: if yes, description	Choctaw Bingo 467H and Choctaw Bingo 526H wells
Applicant's Ownership in Each Tract	Exhibit A-2
Well(s)  Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

Received by OCD: 2/12/2025 8:51:49 AM	Page 8 o
Joinder	
Sample Copy of Proposal Letter	Exhibit A-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-2
Chronology of Contact with Non-Joined Working Interests	Exhibit A-4
Overhead Rates In Proposal Letter	Exhibit A-3
Cost Estimate to Drill and Complete	Exhibit A-3
Cost Estimate to Equip Well	Exhibit A-3
Cost Estimate for Production Facilities	Exhibit A-3
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-1
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibits A-1, B-2
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-3
Additional Information	
	Application seeks approval of an overlapping horizontal well
Special Provisions/Stipulations	spacing unit
CERTIFICATION: I hereby certify that the information pro	vided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Michael H. Feldewert
Signed Name (Attorney or Party Representative):	Stichal & Howers 12-Feb-25
Date:	Tuchal J. Fellewers 12-Feb-25

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 24892

### **APPLICATION**

Mewbourne Oil Company ("Mewbourne" or "Applicant") (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (a) approving a standard 161.13-acre, more or less, horizontal well spacing unit in the Bone Spring formation limited to the Second Bone Spring interval underlying Lot 4, the SE4SW4 and the S2SE4 of irregular Section 30, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, and (b) pooling the uncommitted interest owners in this acreage. In support of its application, Mewbourne states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Choctaw Bingo 30 Fed Com 528H** well to be horizontally drilled in the Second Bone Spring Sand interval from a surface location in the SW4 of Section 30, with a first take point in SW4SW4 equivalent (Lot 4) and a last take point in SE4SE4 (Unit P) of Section 30.
- 3. This proposed horizontal well spacing unit will overlap the following existing or proposed spacing units in the Bone Spring formation:
  - A 40-acre Bone Spring vertical spacing unit comprised of the SE4SW4 (Unit

- N) of Section 30, dedicated to the Geronimo 30 Federal #002 well (API 30-025-37946) operated by Mewbourne Oil Company in the Second Bone Spring Carbonate;
- A 40-acre Bone Spring vertical spacing unit comprised of the SW4SW4 equivalent (Lot 4) of Section 30, dedicated to Geronimo 30 Federal Com #001 well (API 30-025-37623), operated by Mewbourne Oil Company in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the E2SE4 of Section 30, dedicated Nana 30 Federal #001H well (API 30-025-39365), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the W2SE4 of Section 30, dedicated to the Nana 30 Federal #002H well (API 30-025-39579), operated by Raybaw Operating, LLC, in the First Bone Spring interval; and
- A 640-acre horizontal well spacing unit that Applicant has proposed in the Bone Spring formation underlying the S2 of Sections 29 and 30 for the Choctaw Bingo 30/29 Fed Com 467H, 526H, 625H and 627H wells to be drilled in the First, Second and Third intervals of the Bone Spring formation.
- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The approval of this overlapping horizontal well spacing unit and the pooling of uncommitted mineral owners will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on October 31, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Approving the overlapping horizontal well spacing unit and pooling all uncommitted interest owners therein;
- B. Designating Applicant as operator of this spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

**HOLLAND & HART LLP** 

Michael H. Feldewert

Adam G. Rankin

Paula M. Vance

Post Office Box 2208

Santa Fe, NM 87504

505-988-4421

505-983-6043 Facsimile

mfeldewert@hollandhart.com

agrankin@hollandhart.com

pmvance@hollandhart.com

ATTORNEYS FOR MEWBOURNE OIL COMPANY

CASE :

Application of Mewbourne Oil Company for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order (a) approving a standard 161.13-acre, more or less, horizontal well spacing unit in the Bone Spring formation limited to the Second Bone Spring Sand interval underlying Lot 4, the SE4SW4 and the S2SE4 of irregular Section 30, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, and (b) pooling the uncommitted interest owners in this acreage. Said unit will be initially dedicated to the proposed Choctaw Bingo 30 Fed Com 528H well to be horizontally drilled in the Second Bone Spring interval from a surface location in the SW4 of Section 30, with a first take point in SW4SW4 equivalent (Lot 4) and a last take point in SE4SE4 (Unit P) of Section 30. This proposed horizontal well spacing unit will overlap the following existing or proposed spacing units in the Bone Spring formation:

- A 40-acre Bone Spring vertical spacing unit comprised of the SE4SW4 (Unit N) of Section 30, dedicated to the Geronimo 30 Federal #002 well (API 30-025-37946) operated by Mewbourne Oil Company in the Second Bone Spring Carbonate;
- A 40-acre Bone Spring vertical spacing unit comprised of the SW4SW4 equivalent (Lot 4) of Section 30, dedicated to Geronimo 30 Federal Com #001 well (API 30-025-37623), operated by Mewbourne Oil Company in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the E2SE4 of Section 30, dedicated Nana 30 Federal #001H well (API 30-025-39365), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the W2SE4 of Section 30, dedicated to the Nana 30 Federal #002H well (API 30-025-39579), operated by Raybaw Operating, LLC, in the First Bone Spring interval; and
- A 640-acre horizontal well spacing unit that Applicant has proposed in the Bone Spring formation underlying the S2 of Sections 29 and 30 for the Choctaw Bingo 30/29 Fed Com 467H, 526H, 625H and 627H wells to be drilled in the First, Second and Third intervals of the Bone Spring formation.

Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling the well. The subject area is located approximately 10 miles north of Maljamar, New Mexico.

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 24893

### **APPLICATION**

Mewbourne Oil Company ("Mewbourne" or "Applicant") (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (a) approving a standard 642.24-acre, more or less, horizontal well spacing unit in the Bone Spring formation underlying the S2 of Sections 29 and Lots 3-4, E2SW4 and the SE4 of irregular Section 30, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, and (b) pooling the uncommitted interest owners in this acreage. In support of its application, Mewbourne states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed wells to be horizontally drilled from a surface location in the SW4 of Section 30:
  - Choctaw Bingo 30/29 Fed Com 467H with a first take point in the SW4SW4 equivalent (Lot 4) of Section 30 and a last take point in SE4SE4 (Unit P) of Section 29;

- Choctaw Bingo 30/29 Fed Com 526H with a first take point in the NW4SW4 equivalent (Lot 3) of Section 30 and a last take point in NE4SE4 (Unit I) of Section 29;
- Choctaw Bingo 30/29 Fed Com 625H with a first take point in the NW4SW4 equivalent (Lot 3) of Section 30 and a last take point in NE4SE4 (Unit I) of Section 29; and
- Choctaw Bingo 30/29 Fed Com 627H with a first take point in the SW4SW4 equivalent (Lot 4) of Section 30 and a last take point in SE4SE4 (Unit P) of Section 29.
- 3. The completed intervals of the Choctaw Bingo 30/29 Fed Com 467H and 526H wells are expected to remain within 330 feet of the offsetting quarter-quarter sections or equivalent tracts to include this acreage in a standard horizonal well spacing unit.
- 4. This proposed horizontal well spacing unit will overlap the following existing or proposed spacing units in the Bone Spring formation:
  - A 40-acre Bone Spring vertical well spacing unit comprised of the SE4SW4 (Unit
    N) of Section 30, dedicated to the Geronimo 30 Federal #002 well (API 30-02537946) operated by Mewbourne Oil Company in the Second Bone Spring
    Carbonate;
  - A 40-acre Bone Spring vertical well spacing unit comprised of the NE4SW4 (Unit
    K) of Section 30, dedicated to the Nana 30 Federal #003 well (API 30-025-39580)
    operated by Raybaw Operating, LLC in the First and Second Bone Spring
    Carbonate;

- A 40-acre Bone Spring vertical spacing unit comprised of the SW4SW4 equivalent (Lot 4) of Section 30, dedicated to Geronimo 30 Federal Com #001 well (API 30-025-37623), operated by Mewbourne Oil Company in the First Bone Spring interval;
- A 40-acre Bone Spring vertical spacing unit comprised of the NW4SW4 (Unit L) of Section 30, dedicated to the Geronimo 30 Federal #004 well (API 30-025-38182) operated by Mewbourne Oil Company in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the E2SE4 of Section 30, dedicated Nana 30 Federal #001H well (API 30-025-39365), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the W2SE4 of Section 30, dedicated to the Nana 30 Federal #002H well (API 30-025-39579), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- A 160-acre Bone Spring horizontal well spacing unit comprised of the S2S2 of Section 29, dedicated to the Cross Bones 2-29 #001H well (API 30-025-40706)
   operated by Chevron U.S.A. in the Second Bone Spring interval;
- A 160-acre Bone Spring horizontal spacing unit comprised of the N2S2 of Section 29, dedicated to the Cross Bones 1-29 #002H well (API 30-025-40711)
   operated by Chevron U.S.A. in the First Bone Spring interval; and
- A 160-acre horizontal well spacing unit that Applicant has proposed in the Second Bone Spring interval underlying the S2S2 of Section 30 for the Choctaw Bingo 528H well.

- 5. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 6. The approval of this overlapping horizontal well spacing unit and the pooling of uncommitted mineral owners will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on October 31, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Approving the overlapping horizontal well spacing unit and pooling all uncommitted interest owners therein;
- B. Designating Applicant as operator of this spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

**HOLLAND & HART LLP** 

By:

Michael H. Feldewert

Adam G. Rankin

Paula M. Vance

Post Office Box 2208

Santa Fe, NM 87504

505-988-4421

505-983-6043 Facsimile

mfeldewert@hollandhart.com

agrankin@hollandhart.com

pmvance@hollandhart.com

ATTORNEYS FOR MEWBOURNE OIL COMPANY

**CASE** \_\_\_\_:

Application of Mewbourne Oil Company for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order (a) approving a standard 642.24-acre, more or less, horizontal well spacing unit in the Bone Spring formation underlying the S2 of Section 29 and Lots 3-4, E2SW4 and the SE4 of irregular Section 30, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, and (b) pooling the uncommitted interest owners in this acreage. Said unit will be initially dedicated to the following proposed wells to be horizontally drilled from a surface location in the SW4 of Section 30:

- Choctaw Bingo 30/29 Fed Com 467H with a first take point in the SW4SW4 equivalent (Lot 4) of Section 30 and a last take point in SE4SE4 (Unit P) of Section 29;
- Choctaw Bingo 30/29 Fed Com 526H with a first take point in the NW4SW4 equivalent (Lot 3) of Section 30 and a last take point in NE4SE4 (Unit I) of Section 29;
- Choctaw Bingo 30/29 Fed Com 625H with a first take point in the NW4SW4 equivalent (Lot 3) of Section 30 and a last take point in NE4SE4 (Unit I) of Section 29; and
- Choctaw Bingo 30/29 Fed Com 627H with a first take point in the SW4SW4 equivalent (Lot 4) of Section 30 and a last take point in SE4SE4 (Unit P) of Section 29.

The completed intervals of the Choctaw Bingo 30/29 Fed Com 467H and 526H wells are expected to remain within 330 feet of the offsetting quarter-quarter sections or equivalent tracts to include this acreage in a standard horizonal well spacing unit. This proposed horizontal well spacing unit will overlap the following existing or proposed spacing units in the Bone Spring formation:

- A 40-acre Bone Spring vertical well spacing unit comprised of the SE4SW4 (Unit N) of Section 30, dedicated to the Geronimo 30 Federal #002 well (API 30-025-37946) operated by Mewbourne Oil Company in the Second Bone Spring Carbonate;
- A 40-acre Bone Spring vertical well spacing unit comprised of the NE4SW4 (Unit K) of Section 30, dedicated to the Nana 30 Federal #003 well (API 30-025-39580) operated by Raybaw Operating, LLC in the First and Second Bone Spring Carbonate;
- A 40-acre Bone Spring vertical spacing unit comprised of the SW4SW4 equivalent (Lot 4) of Section 30, dedicated to Geronimo 30 Federal Com #001 well (API 30-025-37623), operated by Mewbourne Oil Company in the First Bone Spring interval;
- A 40-acre Bone Spring vertical spacing unit comprised of the NW4SW4 (Unit L) of Section 30, dedicated to the Geronimo 30 Federal #004 well (API 30-025-38182) operated by Mewbourne Oil Company in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the E2SE4 of Section 30, dedicated Nana 30 Federal #001H well (API

- 30-025-39365), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the W2SE4 of Section 30, dedicated to the Nana 30 Federal #002H well (API 30-025-39579), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- A 160-acre Bone Spring horizontal well spacing unit comprised of the S2S2 of Section 29, dedicated to the Cross Bones 2-29 #001H well (API 30-025-40706) operated by Chevron U.S.A. in the Second Bone Spring interval;
- A 160-acre Bone Spring horizontal spacing unit comprised of the N2S2 of Section 29, dedicated to the Cross Bones 1-29 #002H well (API 30-025-40711) operated by Chevron U.S.A. in the First Bone Spring interval; and
- A 160-acre horizontal well spacing unit that Applicant has proposed in the Second Bone Spring interval underlying the S2S2 of Section 30 for the Choctaw Bingo 528H well.

Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling the well. The subject area is located approximately 10 miles north of Maljamar, New Mexico.

Received by OCD: 2/12/2025 8:51:49 AM

Page 21 of 68

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

APPLICATION OF AVANT OPERATING, LLC FOR APPROVAL OF A NON-STANDARD UNIT, COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, LEA COUNTY, NEW MEXICO.

**CASE NO. 24774** 

APPLICATIONS OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 24892-24893

SELF AFFIRMED STATEMENT OF THOMAS SLOAN, LANDMAN

1. My name is Thomas Sloan and I am employed by Mewbourne Oil Company

("Mewbourne") as a Landman. My responsibilities include the Permian Basin of New Mexico. I

have previously testified before the New Mexico Oil Conservation Division as an expert witness

in petroleum land matters and my credentials have been accepted by the Division and made a

matter of record.

2. I am familiar with the applications filed by Avant Operating and Mewbourne in

these consolidated cases and the status of the lands in the subject area.

3. Mewbourne seeks orders approving and pooling all uncommitted interests in

proposed overlapping horizontal well spacing units in the Bone Spring formation underlying the

S2 of Sections 29 and 30, Township 18 South, Range 32 East, NMPM, Lea County New Mexico

as follows:

• Under Case 24892, Mewbourne seeks to pool a standard 161.13-acre, more or less,

overlapping horizontal well spacing unit in the Bone Spring formation limited to

the Second Bone Spring interval underlying Lot 4, the SE4SW4 and the S2SE4 of

BEFORE THE OIL CONSERVATION DIVISION

Case Nos. 24892 & 24893

Choctaw Bingo 30 Fed Com 528H well to be horizontally drilled in the Second Bone Spring Sand interval from a surface location in the SW4 of Section 30, with a first take point in SW4SW4 equivalent (Lot 4) and a last take point in SE4SE4 (Unit P) of Section 30.

- <u>Under Case 24893</u>, Mewbourne seeks to pool a standard 642.24-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation underlying the S2 of Section 29 and Lots 3-4, E2SW4 and the SE4 of irregular Section 30. This standard unit will be initially dedicated to the following proposed wells:
  - Choctaw Bingo 30/29 Fed Com 467H with a first take point in the SW4SW4 equivalent (Lot 4) of Section 30 and a last take point in SE4SE4 (Unit P) of Section 29;
  - Choctaw Bingo 30/29 Fed Com 526H with a first take point in the NW4SW4 equivalent (Lot 3) of Section 30 and a last take point in NE4SE4 (Unit I) of Section 29;
  - Choctaw Bingo 30/29 Fed Com 625H with a first take point in the NW4SW4 equivalent (Lot 3) of Section 30 and a last take point in NE4SE4 (Unit I) of Section 29; and
  - Choctaw Bingo 30/29 Fed Com 627H with a first take point in the SW4SW4 equivalent (Lot 4) of Section 30 and a last take point in SE4SE4 (Unit P) of Section 29.

The completed intervals of the Choctaw Bingo 30/29 Fed Com 467H and 526H wells are expected to remain within 330 feet of the offsetting quarter-quarter

sections or equivalent tracts to include this acreage in a standard horizonal well spacing unit.

- 4. Extensive existing vertical and horizontal development has already taken place by Mewbourne and other operators in Sections 29 and 30. Mewbourne's proposed spacing units and wells account for this development, and will overlap existing Bone Spring spacing units as follows:
  - a. The 161.13-acre, more or less, overlapping horizontal well spacing unit proposed under Case 24892 is limited to the Second Bone Spring interval underlying the S2S2 equivalent of irregular Section 30 due to existing development in the Second Bone Spring interval in the S2S2 if Section 29. This proposed spacing unit will overlap the following existing or proposed spacing units in the Bone Spring formation:
    - A 40-acre Bone Spring vertical spacing unit comprised of the SE4SW4 (Unit N) of Section 30, dedicated to the Geronimo 30 Federal #002 well (API 30-025-37946) operated by Mewbourne Oil Company in the Second Bone Spring Carbonate;
    - A 40-acre Bone Spring vertical spacing unit comprised of the SW4SW4 equivalent (Lot 4) of Section 30, dedicated to Geronimo 30 Federal Com #001 well (API 30-025-37623), operated by Mewbourne Oil Company in the First Bone Spring interval;
    - An 80-acre Bone Spring horizontal spacing unit comprised of the E2SE4 of Section 30, dedicated Nana 30 Federal #001H well (API 30-025-39365), operated by Raybaw Operating, LLC, in the First Bone Spring interval;

- An 80-acre Bone Spring horizontal spacing unit comprised of the W2SE4 of Section 30, dedicated to the Nana 30 Federal #002H well (API 30-025-39579),
   operated by Raybaw Operating, LLC, in the First Bone Spring interval; and
- The 640-acre horizontal well spacing unit Mewbourne has proposed in the Bone
   Spring formation under Case 24893 for the Choctaw Bingo 30/29 Fed Com
   467H, 526H, 625H and 627H wells to be drilled in the First, Second and Third intervals of the Bone Spring formation.
- b. The 642.24-acre, more or less, overlapping horizontal well spacing unit proposed under Case 24893 for the Bone Spring formation underlying the S2 of Section 29 and irregular Section 30 will overlap the following existing or proposed spacing units in the Bone Spring formation:
  - A 40-acre Bone Spring vertical well spacing unit comprised of the SE4SW4
     (Unit N) of Section 30, dedicated to the Geronimo 30 Federal #002 well (API 30-025-37946) operated by Mewbourne Oil Company in the Second Bone Spring Carbonate;
  - A 40-acre Bone Spring vertical well spacing unit comprised of the NE4SW4
     (Unit K) of Section 30, dedicated to the Nana 30 Federal #003 well (API 30-025-39580) operated by Raybaw Operating, LLC in the First and Second Bone Spring Carbonate;
  - A 40-acre Bone Spring vertical spacing unit comprised of the SW4SW4 equivalent (Lot 4) of Section 30, dedicated to Geronimo 30 Federal Com #001 well (API 30-025-37623), operated by Mewbourne Oil Company in the First Bone Spring interval;

- A 40-acre Bone Spring vertical spacing unit comprised of the NW4SW4 (Unit L) of Section 30, dedicated to the Geronimo 30 Federal #004 well (API 30-025-38182) operated by Mewbourne Oil Company in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the E2SE4 of Section 30, dedicated Nana 30 Federal #001H well (API 30-025-39365), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- An 80-acre Bone Spring horizontal spacing unit comprised of the W2SE4 of Section 30, dedicated to the Nana 30 Federal #002H well (API 30-025-39579), operated by Raybaw Operating, LLC, in the First Bone Spring interval;
- A 160-acre Bone Spring horizontal well spacing unit comprised of the S2S2 of Section 29, dedicated to the Cross Bones 2-29 #001H well (API 30-025-40706) operated by Chevron U.S.A. in the Second Bone Spring interval;
- A 160-acre Bone Spring horizontal spacing unit comprised of the N2S2 of Section 29, dedicated to the Cross Bones 1-29 #002H well (API 30-025-40711)
   operated by Chevron U.S.A. in the First Bone Spring interval; and
- The 161.13-acre horizontal well spacing unit Applicant has proposed in the Second Bone Spring interval underlying the S2S2 of Section 30 for the Choctaw Bingo 528H well.
- 5. Avant Operating Case 24774 seeks to similarly create a 642.24-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation underlying the S2 of Section 29 and irregular Section 30 for <u>eight</u> proposed wells. As addressed by Mewbourne's geologist, these wells do not properly account for the existing vertical and horizontal development in the S2 of Sections 29 and 30 and the associated depletion.

- 6. Mewbourne's Choctaw Bingo 30/29 Prospect, with all of its associated wells, will be developed using surface pads that will adjoin Mewbourne's Deep Ellum Prospect, located in Section 25, T18S, R31E, Lea County, NM. This joining of surface pads minimizes surface disturbance, reduces the environmental footprint, enhances operational efficiency, and creates valuable synergy between the two prospects.
- 7. **Exhibit A-1** contains draft Form C-102's for the proposed initial wells in numerical order. Mewbourne has been informed that these well will be placed in the Lusk; Bone Spring, North Pool (41450).
- 8. **Exhibit A-2** identifies the tracts of land comprising the proposed spacing units, the working interest ownership in each tract, and the consolidated working interest ownership in the two proposed Bone Spring spacing units. The working interest owners Mewbourne seeks to pool are highlighted in red. This acreage is comprised of federal lands
- 9. There is a slight ownership difference between the First Bone Spring interval and the remainder of the Bone Spring formation underlying Lot 4 and the SE4SW4 of Section 30. Mewbourne is addressing this ownership difference under a contract with the affected working interest owner.
- 10. **Exhibit A-3** contains a sample of the well proposal letters sent to the working interest owners Mewbourne seeks to pool. The costs reflected in the AFE's provided with these letters are consistent with what Mewbourne and other operators have incurred for drilling similar horizontal wells in the area in these formations.
- 11. Mewbourne requests overhead and administrative rates of \$10,000 per month while drilling and \$1,000 per month for a producing well. These rates are consistent with the rates set

forth in the operating agreement for this acreage and consistent with the rates charged by Mewbourne and other operators for similar wells in this area.

- Exhibit A-4 contains a chronology of the contacts with the uncommitted working 12. interest owners. Mewbourne has made a good faith effort to obtain voluntary joinder of these owners in the proposed spacing unit and initial wells.
- I have provided the law firm of Holland & Hart, LLP, with the names and addresses 13. of the mineral owners that remain to be pooled and instructed that they be notified of this hearing.
- In compiling the addresses of the parties to be pooled, Mewbourne has conducted 14. a diligent search of all public records in the county where the proposed unit is located, reviewed telephone directories, and conducted computer searches. Mewbourne has located all the parties it seeks to be pool.
- Exhibits A-1 through A-4 were either prepared by me or compiled under my 15. direction from company business records.
- I affirm under penalty of perjury under the laws of the State of New Mexico that 16. the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

2/12/2025

Thomas Sloan

34196555\_v1

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. A-1

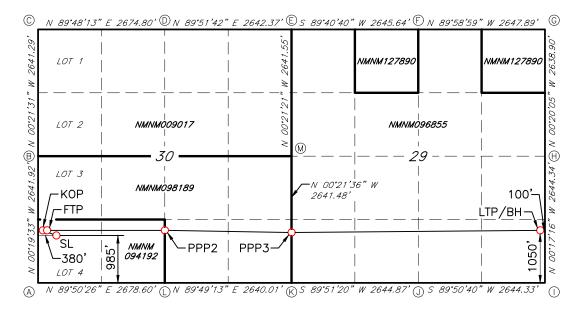
Page 28 of 68

<u>C-102</u>	2				Submitted by: Mewbourne Oil Company  ew Mexico  Case Nos. 24892 & 24893  Revised July 9, 2024  Case Nos. 24892 & 24893										
	t Electronica CD Permittii	•			CONSER								☐ Initial Submit	tal	
Via O	CD I CIIIIIIII	ng .									Subm	ittal Amended Report			
											Type:		☐ As Drilled		
			1		WELL L	OCAT	TION INFORMATION								
API Nu	ımber		Pool Code 41450			1 -	Pool Name Lusk; Bone Spring; North								
Property Code Property Name CHOCTAW							GO 30	/29 I	FED C	сом		Well	467H		
OGRID No. Operator Name MEWBOUR							NE OIL	COM	PANY			Grou	and Level Elevation	3675	
Surface	Owner:	State □ Fee [	□Tribal □ F	ederal			Minera	l Owner:	State	□Fee □	Tribal	□Fe	deral		
						Surfa	ce Location	n							
UL	Section	Township	Range	Lot	Ft. from N	N/S	Ft. from	E/W	Latitud	e		Long	ritude	County	
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	<u>'</u>		<u>'</u>	<u>'</u>	В	ottom	Hole Loca	tion			'				
UL	Section	Township	Range	Lot	Ft. from N		Ft. from		Latitud	-		Long		County	
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Dedicat	ted Acres	Infill or Defi	ning Well	Defining	; Well API		Overlap	oping Spa	icing Uni	t (Y/N)	Consoli	dation	Code		
Order Numbers.							Well setbacks are under Common Ownership: ☐ Yes ☐ No								
`					k	Cick Of	f Point (K	OP)							
UL	Section	Township	Range	Lot	Ft. from N		Ft. from	•	Latitude	e		Longitude		County	
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		e information cont		true and com	plete to the be	st of					n on this	olat wa	s plotted from field no	otes of actual	
my know	vledge and beli ution either ow	ef, and , if the wel ns a working inter bottom hole local	ll is a vertical or rest or unleased	directional v mineral inter	vell, that this est in the land		surveys ma my belief.	de by me u	nder my si	upervision.	an thaf	the san	ne is true and correct	to the best of	
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	-	tal well, I further	certify that this	organization	has received t	he			7		19000	"	0		
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interval	will be located	or obtained a cor	npulsory poolin	g order from	the division.					rveyor	DNAL '	SUR			
Signature			Date				Signature and	Seal of Pro	fessional Sur	rveyor	+				
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This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

### CHOCTAW BINGO 30/29 FED COM #467H



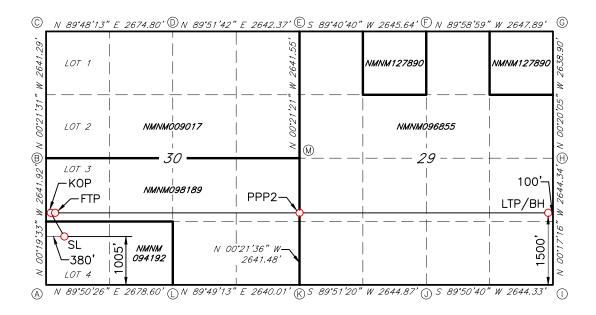
<u>GEODETIC DATA</u> NAD 83 GRID — NM EAST CORNER DATA
NAD 83 GRID — NM EAST SURFACE LOCATION (SL) A: FOUND BRASS CAP "1913" N: 623889.2 - E: 701331.8 N: 622903.4 - E: 700957.5 LAT: 32.7140331° N LONG: 103.8131341° W B: FOUND BRASS CAP "1913" N: 625544.7 - E: 700942.5 KICK OFF POINT (KOP) C: FOUND BRASS CAP "1913" 1050' FSL - 10' FWL SEC N: 628185.3 - E: 700925.9 N: 623953.2 - E: 700961.5 D: FOUND BRASS CAP "1913" LAT: 32.7142139° N N: 628194.5 - E: 703600.1 LONG: 103.8143370° W E: FOUND BRASS CAP "1913" FIRST TAKE POINT (FTP) N: 628200.9 - E: 706241.8 1050' FSL - 100' FWL N: 623953.4 — E: 701051.5 F: FOUND BRASS CAP "1913" N: 628215.7 - E: 708886.8 LAT: 32.7142134° N LONG: 103.8140444° W G: FOUND BRASS CAP "1913" N: 628214.9 - E: 711534.1 PROPOSED PENETRATION POINT 2 (PPP2) H: FOUND BRASS CAP "1913" <u>1050' FSL - 2678' FWL SEC. 30</u> N: 623960.6 - E: 703628.4 N: 625576.7 - E: 711549.5 LAT: 32.7141982° N I: FOUND BRASS CAP "1913" LONG: 103.8056660° W N: 622933.0 - E: 711562.8 PROPOSED PENETRATION POINT 3 (PPP3) J: FOUND BRASS CAP "1913" 1049' FSL - 0' FWL SEC. 29 N: 623968.0 - E: 706268.2 N: 622925.8 - E: 708919.1 K: FOUND BRASS CAP "1913" LAT: 32.7141820° N N: 622919.2 - E: 706274.8 LONG: 103.7970832° W L: FOUND BRASS CAP "1913" LAST TAKE POINT/BOTTOM HOLE (LTP/BH) N: 622910.9 - E: 703635.5 N: 623982.5 - E: 711457.5 M: FOUND BRASS CAP "1913' LAT: 32.7141486° N N: 625560.0 - E: 706258.2 LONG: 103.7802114° W

<u>C-102</u>	-		Ener			ura	l Resources Dep		ent	Revised July 9, 2024					
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		-6								Submittal Amended Report					
							131					☐ As Drilled			
					WELL LOC	AT	TION INFORMATION								
API Nu	mber		Pool Code 41450			Pool Name Lusk; Bone Spring; North									
Property	Code		Property Na	ame CH	OCTAW B	IN	GO 30/29 I	ED	COM		Well	Number	526H		
OGRID	No.		Operator N	ame	MEWBOU	RN	NE OIL COM	PAN	Y		Grou	and Level Elevation	3676'		
Surface	Owner:	State Fee	☐Tribal ☐ F	ederal			Mineral Owner:	☐ Sta	ite  Fee [	Tribal	□Fe	deral			
•					Sı	ırfa	ce Location								
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UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latit	tude		Long	gitude	County		
I	29	18S	32E		1500 FS	SL	100 FEL	32	.715385	51°N	103	.7802111°W	LEA		
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Dedicat <b>642.2</b>	ed Acres 4	Infill or Defi	ning Well	Defining	g Well API		Overlapping Spa	cing U	Jnit (Y/N)	Consoli	dation	Code			
Order Numbers.						Well setbacks ar	Well setbacks are under Common Ownership: ☐ Yes ☐ No								
					Kick	c Of	ff Point (KOP)								
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latit	tude		Long	gitude	County		
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	y the division. ell is a horizon		certify that this o	organization	has received the					19680		(S)			
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.						st			ROTH'S.C.	DNAL	- IR				
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Signature			Date				Signature and Seal of Protection	fessiona	Surveyor	+					
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This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

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### CHOCTAW BINGO 30/29 FED COM #526H



<u>GEODETIC DATA</u> NAD 83 GRID — NM EAST CORNER DATA
NAD 83 GRID — NM EAST <u>SURFACE LOCATION (SL)</u> N: 623909.2 - E: 701331.7 A: FOUND BRASS CAP "1913" N: 622903.4 - E: 700957.5 LAT: 32.7140882° N LONG: 103.8131342° W B: FOUND BRASS CAP "1913" N: 625544.7 - E: 700942.5 KICK OFF POINT (KOP) C: FOUND BRASS CAP "1913" 1500' FSL - 10' FWL SEC N: 628185.3 - E: 700925.9 N: 624403.1 - E: 700959.0 D: FOUND BRASS CAP "1913" LAT: 32.7154505° N N: 628194.5 - E: 703600.1 LONG: 103.8143381° W E: FOUND BRASS CAP "1913" FIRST TAKE POINT (FTP) N: 628200.9 - E: 706241.8 <u>1500' FSL - 100' FWL SEC. 3</u> N: 624403.3 - E: 701048.9 F: FOUND BRASS CAP "1913" N: 628215.7 - E: 708886.8 LAT: 32.7154500° N LONG: 103.8140456° W G: FOUND BRASS CAP "1913" N: 628214.9 - E: 711534.1 PROPOSED PENETRATION POINT 2 (PPP2) 1499' FSL - 0' FWL SEC. 29 N: 624417.9 - E: 706265.4 H: FOUND BRASS CAP "1913" N: 625576.7 - E: 711549.5 LAT: 32.7154186° N I: FOUND BRASS CAP "1913" LONG: 103.7970850° W N: 622933.0 - E: 711562.8 LAST TAKE POINT/BOTTOM HOLE (LTP/BH) J: FOUND BRASS CAP "1913" N: 624432.4 - E: 711455.3 N: 622925.8 - E: 708919.1 LAT: 32.7153851° N LONG: 103.7802111° W K: FOUND BRASS CAP "1913" N: 622919.2 - E: 706274.8 L: FOUND BRASS CAP "1913"

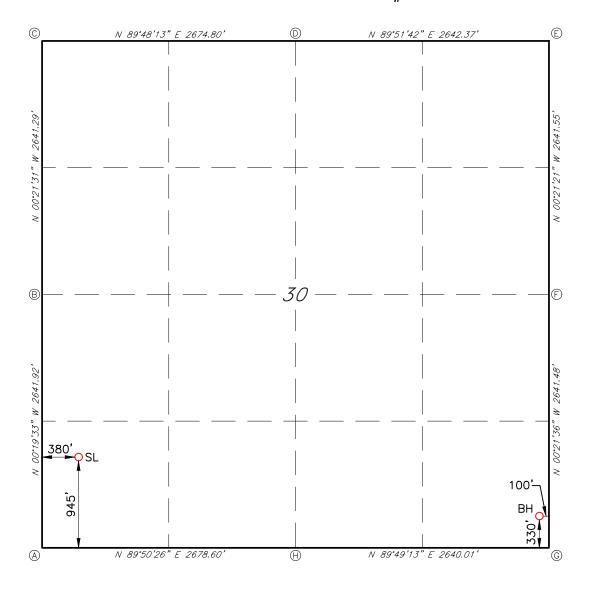
N: 622910.9 - E: 703635.5 M: FOUND BRASS CAP "1913' N: 625560.0 - E: 706258.2

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									турс.		☐ As Drilled		
					WELL LOCAT	TION INFORMATIO	ON						
API Nu	mber		Pool Code <b>41450</b>		Pool Name Lusk; Bone Spring; North								
Property	y Code		Property Na	ame C	CHOCTAW B	INGO 30 FE	D C	OM		Well Number 528H			
OGRID <b>14744</b>	No.		Operator N	ame	MEWBOURI	NE OIL COM	PAN	Y		Ground Level Elevation 3675'			
Surface	Owner:	State Fee [	☐ Tribal ☐ F	ederal		Mineral Owner:	Stat	te Fee	Tribal	□Fe	deral		
					Surfa	ace Location							
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitu	ude		Long	itude	County	
M	30	18S	32E	4	945 FSL	380 FWL	32.	713923	3°N	103	.8131340°W	LEA	
					Bottom	Hole Location							
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitu			Long		County	
P	30	18S	32E		330 FSL	100 FEL	32.	712206	35°N	103	.7974054°W	LEA	
1	ted Acres	Infill or Defi	ining Well	Defining	g Well API	Overlapping Spa	acing U	nit (Y/N)	Consoli	dation	Code		
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M	30	100	32E	4	330 FSL		32.712194°N		N	103.814264°W		LEA	
UL	Section	Township	Range	Lot	First Ta	Ke Point (FTP)  Ft. from E/W Latitude				Long	:4	County	
M	30	18S	32E	4	330 FSL	583 FWL				_	3.81249°W	LEA	
			-			ke Point (LTP)							
UL P	Section 30	Township 18S	Range 32E	Lot	Ft. from N/S 330 FSL	Ft. from E/W 100 FEL	Latitu		N.T.	Long		County	
	130	100	JZL		330 T 3L	1001 LL	32.7	712226°	N	10	3.797507°W	LEA	
Unitize	d Area or Aı	rea of Uniform	Interest	Spacing	Unit Type V Hori	izontal  Vertical		Groun	d Floor	Elevat	ion:		
OPERA	ATOR CER	TIFICATIONS	S			SURVEYOR CER	RTIFIC	ATIONS					
					plete to the best of	I hereby certify that th	he well l	ocation show	n on this	plat wa	s plotted from field no	otes of actual	
organiza	ition either owr	ef, and , if the wel ns a working inter	rest or unleased	mineral inter	rest in the land	surveys made by me u my belief.	ınder my	supervision.	and that	the san	ne is true and correct	to the best of	
		bottom hole locat contract with an o			is well at this r unleased mineral				ME	6			
	or to a volunta by the division.		ment or a compu	lsory pooling	g order heretofore				<b>19680</b>				
If this well is a horizontal well, I further certify that this organization has received the								湯( )		"	8		
consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed								17/			<u>@</u> /		
interval	will be located	or obtained a cor	npulsory pooling	g order from	the division.			Surveyor	DNAL	SUFF			
Signature			Date			Signature and Seal of Pro	fessional	Surveyor					
						Robert N	N. 6	bwet	+				
Printed Na	ime					Certificate Number		Date of Surve	у				
_						19680			0	9/2	7/2024		
Email Add	dress				ŀ	İ	l						

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### CHOCTAW BINGO 30 FED COM #528H



NAD 83 GRID - NM EAST

<u>SURFACE LOCATION (SL)</u> N: 623849.2 - E: 701332.0

LAT: 32.7139233° N LONG: 103.8131340° W

<u>BOTTOM HOLE (BH)</u> N: 623248.8 - E: 706172.8

LAT: 32.7122065° N LONG: 103.7974054° W CORNER DATA NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1913" N: 622903.4 - E: 700957.5

B: FOUND BRASS CAP "1913"

N: 625544.7 - E: 700942.5

C: FOUND BRASS CAP "1913" N: 628185.3 - E: 700925.9

D: FOUND BRASS CAP "1913" N: 628194.5 - E: 703600.1 E: FOUND BRASS CAP "1913" N: 628200.9 - E: 706241.8

F: FOUND BRASS CAP "1913" N: 625560.0 - E: 706258.2

G: FOUND BRASS CAP "1913" N: 622919.2 - E: 706274.8

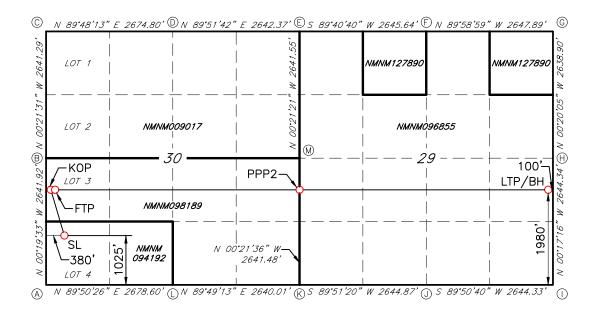
H: FOUND BRASS CAP "1913" N: 622910.9 - E: 703635.5

<u>C-102</u>	2		Ener	rgy, Min		w Mexico al Resources Department					Revised July 9, 2024				
	Electronica CD Permittir			CONSERVA								☐ Initial Submit	to1		
Via OC	D Permiuii	ıg											Submittal Amended Report		
							Typ				Type	e: As Drilled			
			1		WELL LOCA	ATION	TION INFORMATION								
API Number Pool Code 41450							Pool Name  Lusk; Bone Spring; North								
Property Code Property Name CHOCTA						NGC	30,	/29 F	ED	СОМ		Well Number 625H			
OGRID	No.		Operator N	ame	MEWBOUI	RNE	OIL	COM	and Level Elevation	3675'					
Surface	Owner:	State □ Fee □	∃Tribal □ F	ederal		]	Mineral	Owner:	☐ Stat	e □Fee[	☐ Tribal	□Fe	deral		
					Su	rface L	Location	1							
UL	Section	Township	Range	Lot	Ft. from N/S	F	t. from	E/W	Latitu	ıde		Long	gitude	County	
M	30	18S	32E	4	1025 FS	L	380	FWL	32.	71414	31 <b>°</b> N	103	.8131343°W	LEA	
					Botto	m Hol	le Locat	ion	!						
UL	Section	Township	Range	Lot	Ft. from N/S	- 1	t. from		Latitu			-	gitude	County	
I	29	18S	32E		1980 FS	SL _	100	FEL	32.	71670	12°N	103	.7802108°W	LEA	
Dedicat <b>642.2</b> 4	ed Acres 4	Infill or Defi	ning Well	Defining	g Well API	(	Overlapping Spacing Unit (Y/N) Consolidation Code								
Order Numbers.					Well setbacks are under Common Ownership: ☐ Yes ☐ Y							] Yes □ No			
					Kick	Off Po	oint (KC	OP)							
UL	Section	Township	Range	Lot	Ft. from N/S		t. from	-	Latitu	ıde		Long	gitude	County	
L	30	18S	32E	3	1980 FS						96°N	103	.8143394°W	LEA	
	I		1	I	First '	Take P	ake Point (FTP)							l	
UL	Section	Township	Range	Lot	Ft. from N/S	F	Ft. from E/W Latitude					Longitude Cour			
L	30	18S	32E	3	1980 FS	SL	100 FWL 32.7167690°N			90°N	103	.8140468°W	LEA		
							Point (L		1						
UL		Township	Range	Lot	Ft. from N/S		t. from		Latitu			Long		County	
I	29	18S	32E		1980 FS	SL	100	FEL	32.	716704	12°N	103	.7802108°W	LEA	
Unitized	d Area or Ai	rea of Uniform	Interest	Spacing	Unit Type H	orizont	tal 🔲 V	ertical		Groun	d Floor	Elevat	ion:		
OPER	TOD CED	TIELG A TIONG	,			- GI		OR GER	TITLE.	. TIONS					
		TIFICATIONS			1 1			OR CER					1 16 6.11		
my know organiza including	ledge and belic tion either own the proposed	ef, and , if the wel ns a working inter bottom hole locat	l is a vertical or est or unleased : tion or has a rigi	directional i mineral inter ht to drill thi	rest in the land is well at this	sur				supervision			as plotted from field no me is true and correct		
interest,		ry pooling agreen			r unleased mineral g order heretofore						19680	(% \ ()			
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest										ROFF.		/ /	ا في ا		
in each ti	ract (in the tar		tion) in which ar	ny part of the	e well's completed					THUS 1	DNAL	SUR	<b>(4)</b>		
Signature			Date			Sign	nature and	Seal of Prof	fessional		\				
							Robe	ut M	l. +	bwet	,t				
Printed Na	me					Cert	tificate Nu	ımber	_	Date of Surve	у				
							19	680			0	9/2	27/2024		
Email Add	lress					1									

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

### CHOCTAW BINGO 30/29 FED COM #625H



GEODETIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)

<u>SURFACE LOCATION (SL)</u> N: 623929.2 — E: 701331.5

LAT: 32.7141431° N LONG: 103.8131343° W

<u>KICK\_OFF\_POINT\_(KOP)</u> 1980' FSL - 10' FWL\_SEC. 30 N: 624883.0 - E: 700956.2

> LAT: 32.7167696° N LONG: 103.8143394° W

FIRST TAKE POINT (FTP) 1980' FSL - 100' FWL SEC. 30 N: 624883.2 - E: 701046.2

> LAT: 32.7167690° N LONG: 103.8140468° W

PROPOSED PENETRATION POINT 2 (PPP2)

1979' FSL - 0' FWL SEC. 29

N: 624897.8 - E: 706262.4

LAT: 32.7167377° N LONG: 103.7970869° W

<u>LAST TAKE POINT/BOTTOM HOLE (LTP/BH)</u>
N: 624912.2 - E: 711452.9

LAT: 32.7167042° N LONG: 103.7802108° W CORNER DATA
NAD 83 GRID — NM EAST

A: FOUND BRASS CAP "1913" N: 622903.4 - E: 700957.5

B: FOUND BRASS CAP "1913" N: 625544.7 - E: 700942.5

C: FOUND BRASS CAP "1913" N: 628185.3 - E: 700925.9

D: FOUND BRASS CAP "1913" N: 628194.5 - E: 703600.1

E: FOUND BRASS CAP "1913' N: 628200.9 - E: 706241.8

F: FOUND BRASS CAP "1913"

N: 628215.7 - E: 708886.8 G: FOUND BRASS CAP "1913"

N: 628214.9 – E: 711534.1

H: FOUND BRASS CAP "1913" N: 625576.7 - E: 711549.5

I: FOUND BRASS CAP "1913" N: 622933.0 - E: 711562.8

J: FOUND BRASS CAP "1913" N: 622925.8 - E: 708919.1

K: FOUND BRASS CAP "1913" N: 622919.2 - E: 706274.8

L: FOUND BRASS CAP "1913"

N: 622910.9 - E: 703635.5

M: FOUND BRASS CAP "1913' N: 625560.0 - E: 706258.2

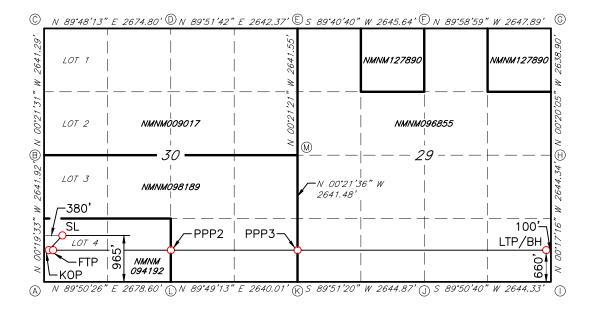
1	2 Electronica CD Permittir	•	Ener			ew Mexico ral Resources Dep TION DIVISION		ent	Revised July 9, 2024  Submittal Type:    Initial Submittal   Amended Report			tal		
					WELL LOCA	TION INFORMATION	ON				☐ As Drilled			
API Nu	mber		Pool Code 41450			Pool Name Lusk; Bone Spring; North								
Property	y Code		Property Na	OCTAW BI	, ,	GO 30/29 FED COM Well Number 6								
OGRID	No.		Operator Na			RNE OIL COM				Grou	and Level Elevation			
Surface	Owner:	State Fee	Tribal □ Fe	ederal		Mineral Owner:	State	e □Fee [	☐ Tribal	□Fe	deral			
					Sur	ace Location								
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitu		20021	_	ritude	County		
M	30	18S	32E	4	965 FSI	n Hole Location	32.	713978	33°N	103	.8131340°W	LEA		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitu	ıde		Long	itude	County		
P	29	18S	32E		660 FSI	100 FEL	32.	713076	8°N	103	.7802116°W	LEA		
Dedicat <b>642.2</b> 4	ed Acres	Infill or Defin	ning Well	Defining	g Well API	Overlapping Spa	acing U	nit (Y/N)	Consoli	dation	Code			
Order N	lumbers.	•				Well setbacks ar	Well setbacks are under Common Ownership: ☐ Yes ☐ No							
					Kick (	Off Point (KOP)								
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitu			Long		County		
M	30	18S	32E	4	660 FSI		32.	713142	22°N	103	.8143360°W	LEA		
UL	Section	Township	Range	Lot	First 1  Ft. from N/S	Ft. from E/W	ake Point (FTP)					County		
M	30	18S	32E	4	660 FSI		1	Latitude 32.7131417°N			itude .8140434°W	LEA		
					Last T	Take Point (LTP)								
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitu			Long		County		
Р	29	18S	32E		660 FSI	100 FEL	32.	713076	38°N	103	.7802116°W	LEA		
Unitized	d Area or Aı	ea of Uniform	Interest	Spacing	Unit Type ☐ Ho	orizontal 🗌 Vertical		Groun	d Floor	Elevat	ion:			
OPER/	ATOR CER	TIFICATIONS	1			SURVEYOR CER	RTIFIC	ATIONS						
				rue and com	plete to the best of	I hereby certify that to	he well lo	ocation show	n on this	plat wa	s plotted from field no	otes of actual		
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.						surveys made by me u my belief.	19680							
consent of	of at least one i ract (in the tar		a working inter tion) in which ar	est or unleas by part of the	sed mineral interest e well's completed			PROPERTY.	DNAL	SUR	Q Company			
Signature			Date			Signature and Seal of Pro	ofessional s	Surveyor Lowet	,					
Printed Na	ame					Certificate Number		Date of Surve	y					
Email Add	drace					19680			0	9/2	27/2024			
Linan Add	** ***					1	1							

#### ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

## CHOCTAW BINGO 30/29 FED COM #627H



<u>GEODETIC DATA</u> NAD 83 GRID — NM EAST CORNER DATA
NAD 83 GRID — NM EAST <u>SURFACE LOCATION (SL)</u> N: 623869.3 - E: 701331.9 A: FOUND BRASS CAP "1913" N: 622903.4 - E: 700957.5 LAT: 32.7139783° N LONG: 103.8131340° W B: FOUND BRASS CAP "1913" N: 625544.7 - E: 700942.5 KICK OFF POINT (KOP) C: FOUND BRASS CAP "1913" 660' FSL - 10' FWL SEC. N: 628185.3 - E: 700925.9 N: 623563.3 - E: 700963.7 D: FOUND BRASS CAP "1913" LAT: 32.7131422° N N: 628194.5 - E: 703600.1 LONG: 103.8143360° W E: FOUND BRASS CAP "1913" FIRST TAKE POINT (FTP) N: 628200.9 - E: 706241.8 660' FSL - 100' FWL SEC. 3 N: 623563.5 - E: 701053.7 F: FOUND BRASS CAP "1913" N: 628215.7 - E: 708886.8 LAT: 32.7131417° N LONG: 103.8140434° W G: FOUND BRASS CAP "1913" N: 628214.9 - E: 711534.1 PROPOSED PENETRATION POINT 2 (PPP2) H: FOUND BRASS CAP "1913" 660' FSL - 2678' FWL SEC. 30 N: 623570.7 - E: 703631.0 N: 625576.7 - E: 711549.5 LAT: 32.7131265° N I: FOUND BRASS CAP "1913" LONG: 103.8056638° W N: 622933.0 - E: 711562.8 PROPOSED PENETRATION POINT 3 (PPP3) J: FOUND BRASS CAP "1913" 659' FSL - 0' FWL SEC. 29 N: 623578.1 - E: 706270.7 N: 622925.8 - E: 708919.1 K: FOUND BRASS CAP "1913" LAT: 32.7131103° N N: 622919.2 - E: 706274.8 LONG: 103.7970817° W L: FOUND BRASS CAP "1913" LAST TAKE POINT/BOTTOM HOLE (LTP/BH) N: 622910.9 - E: 703635.5 N: 623592.6 - E: 711459.5 M: FOUND BRASS CAP "1913" LAT: 32.7130768° N N: 625560.0 - E: 706258.2 LONG: 103.7802116° W

# CHOCTAW BINGO 30 POOLING PLAT AND WORKING INTEREST OWNERSHIP BY TRACT LOT 4, THE SE/4SW/4 & S/2SE/4 OF SECTION 30, T18S, R32E, LEA COUNTY, NM PREPARED BY THOMAS SLOAN 2/10/2025

S/2S/2 Sec. 30 Unit Tract Plat

	Section T18S-R32		Section 29 T18S-R32E		
	<b>Tract 1</b> NM 094192 81.13 Acres	Tract 2 NM 098189 80 Acres			
LOT	Tract 1	Tract 2 S/2SE/4 OF SEC 30			
LOT	4 & SE/4SW/4 OF SEC 30 81.130000	80.000000			
	50.350649%	49.649351%			
	TOTAL UNIT TOTAL UNIT	161.13 100.000000%			
			Unit Ownership by Tract 30 FED COM #528H (B2MP)		
Tract No.	Pa	rty	% of Tract		
1	Mewbourne Oil Company, et al		100.00000%		
	Total 7	Tract 1	100.000000%		
Tract No.	Pa	rtv	% of Tract		
	Mewbourne Oil Company, et al		15.000000%		
	Legion Production Partners, LL	С	29.750000%		
	BEXP II Omega, LLC		24.378000%		
2	BEXP II Alpha, LLC		18.122000%		
	Avant Operating, LLC		6.375000%		

	TOTAL SPACING UNIT OWNERSHIP					
Tract No.	Party	% of UNIT				
1, 2	Mewbourne Oil Company, et al	57.798051%				
2	Legion Production Partners, LLC	14.770682%				
2	BEXP II Omega, LLC	12.103519%				
2	BEXP II Alpha, LLC	8.997455%				
2	Avant Operating, LLC	3.165146%				
2	Double Cabin Minerals, LLC	3.165146%				
	Total Spacing Unit 100.000000%					

\*\* PARTIES HIGHLIGHTED IN RED ARE PARTIES TO BE POOLED\*\*

Case Nos. 24892 & 24893

100.000000%

Double Cabin Minerals,

**Total Tract 2** 

# CHOCTAW BINGO 30-29 POOLING PLAT AND WORKING INTEREST OWNERSHIP BY TRACT S/2 OF SECTIONS 29 & 30, T18S, R32E, LEA COUNTY, NM PREPARED BY THOMAS SLOAN 2/10/2025

	PREPARED BY THOMAS SLOAN 2/10/2025							
ľ		South Half U	nit Tract Plat					
		South Hall U	1.401.141					
	S	ection 30	Sa	ation 20				
	5			ection 29				
		T18S-R32E	,	T18S-R32E				
Tra								
NM 09 41.11								
11.11	Tiores	Tract 3	Trac	1				
		NM 098189	NM 09					
		200 Acres	320 A					
	Tract 2							
	NM 094192							
	81.13 Acres							
<u> </u>		1	1					
	Tract 1	Tract 2	Tract 3	Tract 4				
	LOT 3 OF SEC 30	Lot 4 & SE/4SW/4 OF SEC 30	NE/4SW/4 & SE/4 OF SEC 30	S/2 OF SEC 29				
	41.110000	81.130000	200.000000	320.000000				
	41.110000	01.150000	200.00000	320.00000				
	6.401034%	12.632349%	31.141006%	49.825610%				
		TOTAL UNIT	642.240000					
		TOTAL UNIT						
		South Half Unit O	wnership by Tract					
	CHOCTAW	BINGO 30/29 FED COM #467H (B1MP);	CHOCTAW BINGO 30/29 FED COM #52	6H (B2LI);				
	CHOCTAW	BINGO 30/29 FED COM #627H (B3MP)	; CHOCTAW BINGO 30/29 FED COM #62	25H (B3LI)				
r								
Tract No.		arty	% of Tract					
1	Mewbourne Oil Company, et al	Tract 1	100.0000009 100.0000009					
	Total	Tract 1	100.000000	<b>~0</b>				
Tract No.	Pa	rty	% of Tract					
	Mewbourne Oil Company, et al	·	100.0000009					
2		Tract 1	100.0000009					
Tract No.		rty	% of Tract					
	Mewbourne Oil Company, et al		15.000000%					
	Legion Production Partners, LL		29.750000%					
3	BEXP II Omega, LLC 24.378000%  BEXP II Alpha, LLC 18.122000%							
	Avant Operating, LLC	<u> </u>	6.375000%					
	Double Cabin Minerals, LLC		6.375000%					
		Tract 2	100.0000009					
Tract No.		rty	% of Tract					
4	Mewbourne Oil Company, et al		100.00000%					
Total Tract 3 100.000000%								
		TOTAL SPACING U	UNIT OWNERSHIP					
Tract No.	Pa	arty TOTAL STACING (	% of UNIT	,				
1, 2, 3	Mewbourne Oil Company, et al		73.530144%					
2	Legion Production Partners, LL		9.264449%					
2	BEXP II Omega, LLC		7.591710%					
2	BEXP II Alpha, LLC		5.643217%					
2	Avant Operating, LLC		1.985239%					
2	Double Cabin Minerals, LLC  Total Spacing	Unit	1.985239% 100.0000000°					
	1 otal Spacing	UIII	100.0000009	<b>'0</b>				

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

TELEPHONE (432) 682-3715

July 17, 2024

## Via Certified Mail

Avant Operating, LLC 1515 Wynkoop Street, Suite 1700, Denver, CO 80202 Attn: Sophia Guerra

Re: Choctaw Bingo 30-29 Well Proposals

Sections 30 & 29, T18S, R32E Lea County, New Mexico

#### Ladies and Gentlemen:

Mewbourne Oil Company ("MOC"), as Operator, hereby proposes creating a working interest unit comprised of three separate contract areas further described in the enclosed Operating Agreements Exhibit "A", cumulatively covering the S/2 of Section 29 and the Lots 3-4 (W/2SW/4), E/2SW/4, SE/4 of Section 29, T18S, R32E, Lea County, New Mexico (the "Unit"). As part of the initial development of this Unit, MOC hereby proposes the following wells targeting intervals within the Bone Spring Sand Formation:

1) CHOCTAW BINGO 30/29 FED COM #467H (B1MP) – API # PENDING

Surface Location: 1480' FSL, 205' FWL, Section 30, T18S, R32E Bottom Hole Location: 1050' FSL, 100' FEL, Section 29, T18S, R32E

Proposed Total Vertical Depth: 8360' Proposed Total Measured Depth: 17970'

Target: First Bone Spring Sand

2) CHOCTAW BINGO 30/29 FED COM #526H (B2LI) – API # PENDING

Surface Location: 1500' FSL, 205' FWL, Section 30, T18S, R32E Bottom Hole Location: 1500' FSL, 100' FEL, Section 29, T18S, R32E

Proposed Total Vertical Depth: 9300' Proposed Total Measured Depth: 18910' Target: Second Bone Spring Sand

3) CHOCTAW BINGO 30/29 FED COM #627H (B3MP) – API # PENDING

Surface Location: 1460' FSL, 205' FWL, Section 30, T18S, R32E Bottom Hole Location: 660' FSL, 100' FEL, Section 29, T18S, R32E

Proposed Total Vertical Depth: 10100' Proposed Total Measured Depth: 19710'

Target: Third Bone Spring Sand

The wells are planned to be pad drilled using one rig with the first well tentatively planned to spud in the fourth quarter of 2024. In the event you elect to participate in the proposed wells, please execute the enclosed set of Operating Agreement signature and acknowledgement pages and AFEs before returning them to the undersigned within thirty (30) days. The enclosed Operating Agreement provides a nonconsent penalty of 300%/100% and COPAS drilling/producing rates of \$10,000/month and \$1,000/month respectively. Please enclose your most current well information requirements with your executed AFEs so that we may supply well data when available.

If you have any questions or need additional information, please don't hesitate to contact me at <u>tsloan@mewbourne.com</u> or (432) 234-2856.

Sincerely,

MEWBOURNE OIL COMPANY

I am ?

Thomas Sloan Landman

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. A-3
Submitted by: Mewbourne Oil Company
Hearing Date: February 18, 2025
Case Nos. 24892 & 24893

Well Name: CHOCTAW BINGO 30/29 FED COM #467H (B1MP)	Pros	pect: Th	UNDERCLOUD		
Location: SL: 1480 FSL & 205 FWL (30); BHL: 1050 FSL & 100 FEL (29) County: LEA ST: NM					
Sec. 30 Blk: Survey: TWI	P: 18S	RNG:	32E Prop. TVD	): 8360	TMD: 17970
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys		0180-010	TCP	<b>CODE</b> 0180-0200	CC
Location / Road / Site / Preparation		0180-010		0180-0200	\$25,000
Location / Restoration		0180-010		0180-0206	\$85,000
Daywork / Turnkey / Footage Drilling 16 days drlg / 3 days comp @ \$28,00	00/d	0180-0110	1	0180-0210	\$89,700
Fuel 1700 gal/day @ \$3.90/gal		0180-0114		0180-0214	\$203,900
Alternate Fuels  Mud, Chemical & Additives		0180-0119 0180-0120		0180-0215 0180-0220	\$72,000
Mud - Specialized		0180-012		0180-0220	
Horizontal Drillout Services		0.00 0.1	ψ=00,000	0180-0222	\$200,000
Stimulation Toe Preparation				0180-0223	\$30,000
Cementing		0180-012		0180-0225	\$60,000
Logging & Wireline Services		0180-0130		0180-0230	\$313,200
Casing / Tubing / Snubbing Service  Mud Logging		0180-0134 0180-013		0180-0234	\$15,000
Stimulation 51 Stg 20.2 MMgal & 20.2 MMlbs		0100 010	Ψ20,000	0180-0241	\$2,215,000
Stimulation Rentals & Other				0180-0242	\$222,000
Water & Other		0180-014		0180-0245	\$436,600
Bits		0180-0148		0180-0248	\$5,000 \$5,000
Inspection & Repair Services Misc. Air & Pumping Services		0180-0150 0180-0150		0180-0250 0180-0254	\$5,000 \$10,000
Testing & Flowback Services		0180-015		0180-0254	\$30,000
Completion / Workover Rig			Ţ. 2,230	0180-0260	\$10,500
Rig Mobilization		0180-016	. ,		
Transportation		0180-016		0180-0265	\$60,000
Welding, Construction, & Maint. Services		0180-0168		0180-0268	\$15,000
Contract Services & Supervision  Directional Services Includes vertical control		0180-0170 0180-0170		0180-0270	\$37,100
Equipment Rental		0180-017	. ,	0180-0280	\$110,000
Well / Lease Legal		0180-0184		0180-0284	<b>4110,000</b>
Well / Lease Insurance		0180-018	\$5,200	0180-0285	
Intangible Supplies		0180-0188		0180-0288	\$1,000
Damages  Dinaling Interconnect & DOW Eggenerate		0180-0190		0180-0290 0180-0292	\$10,000
Pipeline Interconnect & ROW Easements  Company Supervision		0180-0192 0180-0192		0180-0292	\$5,000 \$37,800
Overhead Fixed Rate		0180-019		0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199		0180-0299	\$216,200
	TOTAL		\$2,431,300		\$4,540,000
TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793	3		
Casing (10.1" - 19.0") 1200' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft		0181-079			
Casing (8.1" - 10.0") 5150' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft					
		0181-079			
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft	) 44/ft	0181-0799 0181-0799			\$221 200
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$15	).44/ft				
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft	).44/ft		\$276,700	0181-0797	
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section	9.44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870	\$88,100 \$30,000
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools	).44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871	\$88,100 \$30,000 \$75,000
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift	).44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880	\$88,100 \$30,000 \$75,000 \$25,000
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump	9.44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump	).44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0886	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000
Casing (6.1" - 8.0")       7580' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.50/ft         Tubing       7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head       Tubing Head & Upper Section         Horizontal Completion Tools       Subsurface Equip. & Artificial Lift         Service Pumps       (1/3) TP/CP/Circ. pump         Storage Tanks       (1/3) (6) OT/ (4) WT/ GB         Emissions Control Equipment       (1/3) (3) VRT / VRU / Flare / (3) KO / AIR         Separation / Treating Equipment       (1/3) (3) H Sep / (2) V Sep / (3) VHT	).44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0896 0181-0892 0181-0895	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000
Casing (6.1" - 8.0")       7580' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19         Tubing       7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head       Tubing Head & Upper Section         Horizontal Completion Tools       Subsurface Equip. & Artificial Lift         Service Pumps       (1/3) TP/CP/Circ. pump         Storage Tanks       (1/3) (6) OT/ (4) WT/ GB         Emissions Control Equipment       (1/3) (3) VRT / VRU / Flare / (3) KO / AIR         Separation / Treating Equipment       (1/3) (3) H Sep / (2) V Sep / (3) VHT         Automation Metering Equipment	9.44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$15  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc	).44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc	).44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc	).44/ft	0181-0796	\$276,700	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0892 0181-0895 0181-0900 0181-0900	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000 \$175,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Prilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction	).44/ft	0181-0796	\$50,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0900 0181-0900 0181-0901	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000 \$175,000 \$69,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation	).44/ft	0181-0796	\$50,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0998 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$175,000 \$150,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation	).44/ft	0181-0796	\$50,000	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0901 0181-0907 0181-0908 0181-0909 0181-0909	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction	).44/ft	0181-0796	\$50,000	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0909 0181-0910 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$150,000 \$100,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction		0181-0796	\$50,000	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000 \$175,000 \$150,000 \$150,000 \$100,000 \$35,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Water Pipeline - Construction	TOTAL	0181-0796	\$600,100	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000 \$175,000 \$69,000 \$150,000 \$100,000 \$29,000 \$35,000
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Water Pipeline - Construction		0181-0796	\$50,000	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000 \$175,000 \$175,000 \$150,000 \$150,000 \$1494,300
Casing (6.1" - 8.0")  7580' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19  Tubing  7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Tubing Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction	TOTAL	0181-0796	\$600,100	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000 \$175,000 \$69,000 \$150,000 \$100,000 \$29,000 \$35,000
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction  S  TOTAL WELL	TOTAL	0181-0796	\$600,100	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$175,000 \$150,000 \$150,000 \$1494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction  S  TOTAL WELL	TOTAL UBTOTAL	0181-0796	\$50,000 \$50,000 \$600,100 \$3,031,400	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0990 0181-0901 0181-0901 0181-0908 0181-0909 0181-0909 0181-0910 0181-0920 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$175,000 \$150,000 \$150,000 \$1494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction  Extra Expense Insurance	TOTAL UBTOTAL COST	0181-0796	\$50,000 \$50,000 \$600,100 \$3,031,400 \$9,0	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000 \$29,000 \$35,000 \$1,494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment (1/3) (3) H Sep / (2) V Sep / (3) VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction  Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pa	TOTAL UBTOTAL COST	0181-0796	\$50,000 \$50,000 \$600,100 \$3,031,400 \$9,0	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000 \$29,000 \$35,000 \$1,494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment (1/3) (3) H Sep / (2) V Sep / (3) VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction  STOTAL WELL Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pa Operator has secured Extra Expense Insurance policy.	TOTAL UBTOTAL COST y my propor	0181-0796	\$50,000 \$50,000 \$600,100 \$3,031,400 \$9,0	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000 \$29,000 \$35,000 \$1,494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$11 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment (1/3) (3) H Sep / (2) V Sep / (3) VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction  Water Pipeline - Construction Uil/Gas Pipeline - Construction  Fquipment Installation Oil/Gas Pipeline - Construction Uil/Gas Pipeline - Construction	TOTAL UBTOTAL COST ontrol, clean coor's well control	0181-0796  0181-0866  tionate shaup and redr	\$600,100 \$3,031,400 \$9,0	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000 \$29,000 \$35,000 \$1,494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment (1/3) (3) H Sep / (2) V Sep / (3) VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction  STOTAL WELL Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pa Operator has secured Extra Expense Insurance policy.	TOTAL UBTOTAL COST y my propor	0181-0796 0181-0866  tionate shaup and redr	\$600,100 \$3,031,400 \$9,0	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000 \$29,000 \$35,000 \$1,494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$11 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment (1/3) (3) H Sep / (2) V Sep / (3) VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction  Water Pipeline - Construction Uil/Gas Pipeline - Construction  Fquipment Installation Oil/Gas Pipeline - Construction Uil/Gas Pipeline - Construction	TOTAL UBTOTAL COST ontrol, clean coor's well control	0181-0796  0181-0866  0181-0866  tionate shaup and redraction insurance.  7/1/202	\$600,100 \$3,031,400 \$9,0	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920	\$88,100 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000 \$29,000 \$35,000 \$1,494,300
Casing (6.1" - 8.0") 7580' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$15 Tubing 7860' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR Separation / Treating Equipment (1/3) (3) VRT / VRU / Flare / (3) VHT Automation Metering Equipment (1/3) (3) H Sep / (2) V Sep / (3) VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction Uniformal Equipment Installation I elect to be covered by Operator's Extra Expense Insurance and part operator has secured Extra Expense Insurance covering costs of well completed by the covered by Operator insurance Policy.  If neither box is checked above, non-operating working interest owner elects to be covered by Operator Prepared by:  T. Cude	TOTAL UBTOTAL COST  y my propor ontrol, clean cor's well control Date:	0181-0796  0181-0866  0181-0866  tionate shaup and redraction insurance.  7/1/202	\$600,100 \$3,031,400 \$9,0	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920	\$221,200 \$88,100 \$30,000 \$75,000 \$12,000 \$112,000 \$115,000 \$95,000 \$21,000 \$24,000 \$175,000 \$100,000 \$100,000 \$29,000 \$1,494,300 \$6,034,300

Well Name: CHOCTAW BINGO 30/29 FED COM #526H (B2LI)	spect: Th	HUNDERCLOUD		
Location: SL: 1500 FSL & 205 FWL (30); BHL: 1500 FSL & 100 FEL (29) County: LEA ST: NM				
Sec. 30 Blk: Survey: TWP: 18S	RNG:	32E Prop. TVI	D: 9300	TMD: 18910
				<u> </u>
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys	<b>CODE</b> 0180-010	TCP \$20,000	<b>CODE</b> 0180-0200	CC
Location / Road / Site / Preparation	0180-010		0180-0205	
ocation / Restoration	0180-010		0180-0206	
Daywork / Turnkey / Footage Drilling 16 days drlg / 3 days comp @ \$28,000/d	0180-011	_	0180-0210	
Fuel 1700 gal/day @ \$3.90/gal  Alternate Fuels	0180-011 0180-011		0180-0214 0180-0215	
Mud, Chemical & Additives	0180-011		0180-0213	
Mud - Specialized	0180-012	1 \$230,000	0180-0221	
Horizontal Drillout Services	_		0180-0222	
Stimulation Toe Preparation Cementing	0180-012	£ \$150,000	0180-0223 0180-0225	
Logging & Wireline Services	0180-012		0180-0223	
Casing / Tubing / Snubbing Service	0180-013	1 1	0180-0234	
Mud Logging	0180-013	7 \$20,000		
Stimulation 51 Stg 20.2 MMgal & 20.2 MMlbs			0180-0241	
Stimulation Rentals & Other Water & Other	0180-014	5 \$60,000	0180-0242 0180-0245	
Bits	0180-014		0180-0248	
Inspection & Repair Services	0180-015		0180-0250	
Misc. Air & Pumping Services	0180-015		0180-0254	
Testing & Flowback Services	0180-015	8 \$15,000	0180-0258	
Completion / Workover Rig Rig Mobilization	0180-016	4 \$150,000	0180-0260	\$10,500
Transportation	0180-016		0180-0265	\$60,000
Welding, Construction, & Maint. Services	0180-016		0180-0268	
Contract Services & Supervision	0180-017		0180-0270	\$37,100
Directional Services Includes vertical control	0180-017	. ,		<b>#</b> 440.000
Equipment Rental Well / Lease Legal	0180-018 0180-018		0180-0280 0180-0284	
Well / Lease Insurance	0180-018		0180-0285	
Intangible Supplies	0180-018		0180-0288	
Damages	0180-019		0180-0290	. ,
Pipeline Interconnect & ROW Easements	0180-019 0180-019		0180-0292	
Company Supervision Overhead Fixed Rate	0180-019		0180-0295 0180-0296	
Contingencies 5% (TCP) 5% (CC)	0180-019		0180-0299	
TOTAL	-	\$2,431,300		\$4,540,000
TANGIBLE COSTS 0181				
Casing (19.1" - 30")	0181-079	3		
Casing (10.1" - 19.0") 1200' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-079			
Casing (8.1" - 10.0") 5150' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-079 0181-079			
Casing (4.1" - 6.0") 430 - 7 29# HPP110 BT&C @ \$34.16/11  Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft	0101-079	\$307,800	0181-0797	\$221,200
Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft			0181-0798	
Drilling Head	0181-086	0 \$50,000		
Tubing Head & Upper Section	_		0181-0870	
Horizontal Completion Tools Subsurface Equip. & Artificial Lift	-		0181-0871 0181-0880	
Service Pumps (1/3) TP/CP/Circ. pump			0181-0886	. ,
Storage Tanks (1/3) (6) OT/ (4) WT/ GB			0181-0890	
Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR			0181-0892	
Separation / Treating Equipment (1/3) (3) H Sep / (2) V Sep / (3) VHT  Automation Metering Equipment	-		0181-0895 0181-0898	. ,
Oil/Gas Pipeline-Pipe/Valves&Misc	-		0181-0898	
Water Pipeline-Pipe/Valves & Misc	1		0181-0901	_
On-site Valves/Fittings/Lines&Misc			0181-0906	\$175,000
Wellhead Flowlines - Construction			0181-0907	
Cathodic Protection  Electrical Installation	-		0181-0908	
Electrical Installation  Equipment Installation	-		0181-0909 0181-0910	
Oil/Gas Pipeline - Construction			0181-0920	
Water Pipeline - Construction			0181-0921	\$35,000
TOTAL	-	\$631,200		\$1,504,200
SUBTOTAL	_	\$3,062,500		\$6,044,200
TOTAL WELL COST	Ī		06,700	
Extra Expense Insurance		कु <b>छ</b> , ।	06,700	
I elect to be covered by Operator's Extra Expense Insurance and pay my proportion of the control insurance covering costs of well control, clear I elect to purchase my own well control insurance policy.  I neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.	up and red	rilling as estimated		0180-0185.
Prepared by: T. Cude Date				
· · · · · · · · · · · · · · · · · · ·				
Company Approval: Date	e: 			
Joint Owner Interest: Amount:				
laint Owner Name: Signature:				

Well Name: CHOCTAW BINGO 30/29 FED COM #627H (B3MP)	Pros	pect: TH	UNDERCLOUD		
Location: SL: 1460 FSL & 205 FWL (30); BHL: 660 FSL & 100 FEL (29)	Co	unty: LE	A		ST: NM
Sec. 30 Blk: Survey: TWP:	18S	RNG:	32E Prop. TVE	): 10100	TMD: 19710
INTERNATION CONTRACTOR		0005		0005	
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys		0180-0100	*20,000	<b>CODE</b> 0180-0200	CC
Location / Road / Site / Preparation		0180-0105		0180-0205	\$25,000
Location / Restoration		0180-0106		0180-0206	\$85,000
Daywork / Turnkey / Footage Drilling 18 days drlg / 3 days comp @ \$28,000/d		0180-0110		0180-0210	\$89,700
Fuel 1700 gal/day @ \$3.90/gal		0180-0114		0180-0214	\$203,900
Alternate Fuels  Mud, Chemical & Additives		0180-0115 0180-0120		0180-0215 0180-0220	\$72,000
Mud - Specialized		0180-0121		0180-0221	
Horizontal Drillout Services			<b>,</b>	0180-0222	\$200,000
Stimulation Toe Preparation				0180-0223	\$30,000
Cementing		0180-0125		0180-0225	\$60,000
Logging & Wireline Services Casing / Tubing / Snubbing Service		0180-0130 0180-0134	. /	0180-0230 0180-0234	\$313,200 \$15,000
Mud Logging		0180-0134			\$15,000
Stimulation 51 Stg 20.2 MMgal & 20.2 MMlbs		0100 0101	Ψ20,000	0180-0241	\$2,215,000
Stimulation Rentals & Other				0180-0242	\$222,000
Water & Other		0180-0145		0180-0245	\$436,600
Bits		0180-0148		0180-0248	\$5,000
Inspection & Repair Services		0180-0150		0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services  Completion / Workover Rig		0180-0158	\$15,000	0180-0258 0180-0260	\$30,000 \$10,500
Rig Mobilization		0180-0164	\$150,000		φ10,500
Transportation		0180-0164		0180-0265	\$60,000
Welding, Construction, & Maint. Services		0180-0168		0180-0268	\$15,000
Contract Services & Supervision		0180-0170	- ' '	0180-0270	\$37,100
Directional Services Includes vertical control		0180-0175	\$385,000		
Equipment Rental		0180-0180	\$125,000	0180-0280	\$110,000
Well / Lease Legal		0180-0184		0180-0284	
Well / Lease Insurance		0180-0185		0180-0285	
Intangible Supplies		0180-0188		0180-0288	\$1,000
Damages  Pineline Interconnect & POW Facements		0180-0190		0180-0290	\$10,000
Pipeline Interconnect & ROW Easements  Company Supervision		0180-0192 0180-0195		0180-0292 0180-0295	\$5,000 \$37,800
Overhead Fixed Rate		0180-0196		0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199		0180-0299	\$216,200
· · · · · ·	OTAL		\$2,564,000		\$4,540,000
TANGIBLE COSTS 0181					• • • • • • • • • • • • • • • • • • • •
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0") 1200' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft		0181-0794			
Casing (8.1" - 10.0") 5150' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft		0181-0795			
0100 000 100 100 100 100 100 100 100 10		0181-0796	\$307,800		
Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft					
Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/f	t			0181-0797	\$221,200
Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft	ít		<b>***</b>	0181-0798	\$221,200 \$98,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head	t	0181-0860	\$50,000	0181-0798	\$98,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head         Tubing Head & Upper Section	t	0181-0860	\$50,000	0181-0798 0181-0870	\$98,000 \$30,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head         Tubing Head & Upper Section         Horizontal Completion Tools	it	0181-0860	\$50,000	0181-0798 0181-0870 0181-0871	\$98,000 \$30,000 \$75,000
Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift	ít .	0181-0860	\$50,000	0181-0798 0181-0870 0181-0871 0181-0880	\$98,000 \$30,000 \$75,000 \$25,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head       Tubing Head & Upper Section         Horizontal Completion Tools         Subsurface Equip. & Artificial Lift         Service Pumps       (1/3) TP/CP/Circ. pump	it	0181-0860	\$50,000	0181-0798 0181-0870 0181-0871	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head       Tubing Head & Upper Section         Horizontal Completion Tools       Subsurface Equip. & Artificial Lift         Service Pumps       (1/3) TP/CP/Circ. pump         Storage Tanks       (1/3) (6) OT/ (4) WT/ GB	it	0181-0860	\$50,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0886	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head       Tubing Head & Upper Section         Horizontal Completion Tools       Subsurface Equip. & Artificial Lift         Service Pumps       (1/3) TP/CP/Circ. pump         Storage Tanks       (1/3) (6) OT/ (4) WT/ GB         Emissions Control Equipment       (1/3) (3) VRT / VRU / Flare / (3) KO / AIR         Separation / Treating Equipment       (1/3) (3) H Sep / (2) V Sep / (3) VHT	it	0181-0860	\$50,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0896 0181-0892 0181-0895	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head       Tubing Head & Upper Section         Horizontal Completion Tools       Subsurface Equip. & Artificial Lift         Service Pumps       (1/3) TP/CP/Circ. pump         Storage Tanks       (1/3) (6) OT/ (4) WT/ GB         Emissions Control Equipment       (1/3) (3) VRT / VRU / Flare / (3) KO / AIR         Separation / Treating Equipment       (1/3) (3) H Sep / (2) V Sep / (3) VHT         Automation Metering Equipment	it	0181-0860	\$50,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0896 0181-0892 0181-0895 0181-0898	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000
Casing (6.1" - 8.0")       8430' - 7" 29# HPP110 BT&C @ \$34.18/ft         Casing (4.1" - 6.0")       10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Tubing       8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft         Drilling Head       Tubing Head & Upper Section         Horizontal Completion Tools       Subsurface Equip. & Artificial Lift         Service Pumps       (1/3) TP/CP/Circ. pump         Storage Tanks       (1/3) (6) OT/ (4) WT/ GB         Emissions Control Equipment       (1/3) (3) VRT / VRU / Flare / (3) KO / AIR         Separation / Treating Equipment       (1/3) (3) H Sep / (2) V Sep / (3) VHT         Automation Metering Equipment       Oil/Gas Pipeline-Pipe/Valves&Misc	it	0181-0860	\$50,000	0181-0798 0181-0870 0181-0880 0181-0886 0181-0890 0181-0892 0181-0898 0181-0900	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc	it .	0181-0860	\$50,000	0181-0798 0181-0870 0181-0880 0181-0886 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc	t	0181-0860	\$50,000	0181-0798 0181-0870 0181-0880 0181-0886 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$175,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction	it	0181-0860		0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection	it	0181-0860		0181-0798 0181-0870 0181-0880 0181-0886 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$175,000 \$69,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation	it	0181-0860		0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$175,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation	it	0181-0860		0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction	it	0181-0860		0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0909	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$69,000 \$150,000 \$100,000 \$29,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Tubing Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps (1/3) TP/CP/Circ. pump  Storage Tanks (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Water Pipeline - Construction	OTAL	0181-0860		0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$69,000
Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps (1/3) TP/CP/Circ. pump  Storage Tanks (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Water Pipeline - Construction	OTAL	0181-0860	\$631,200	0181-0798 0181-0870 0181-0880 0181-0886 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  Automation Metering Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Electrical Installation  Equipment Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  T  SUBT	OTAL	0181-0860	\$631,200	0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$95,000 \$21,000 \$24,000 \$175,000 \$150,000 \$100,000 \$29,000 \$35,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Total Well Co	OTAL	0181-0860	\$631,200	0181-0798 0181-0870 0181-0880 0181-0886 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Equipment Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Total WELL Co  Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance policy.	OTAL OTAL proport	tionate sha	\$631,200 \$3,195,200 \$9,2	0181-0798  0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$85,000 \$21,000 \$24,000 \$175,000 \$100,000 \$100,000 \$1,504,200 \$6,044,200
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Equipment Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Total Well CC  Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance policy.	OTAL OTAL proport	tionate sha	\$631,200 \$3,195,200 \$9,2 re of the premiun ling as estimated	0181-0798  0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$95,000 \$21,000 \$24,000 \$175,000 \$100,000 \$100,000 \$29,000 \$35,000 \$1,504,200
Casing (6.1" - 8.0")  8430' - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" - 6.0")  10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft  Tubing  8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head  Tubing Head & Upper Section  Horizontal Completion Tools  Subsurface Equip. & Artificial Lift  Service Pumps  (1/3) TP/CP/Circ. pump  Storage Tanks  (1/3) (6) OT/ (4) WT/ GB  Emissions Control Equipment  (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment  Oil/Gas Pipeline-Pipe/Valves&Misc  Water Pipeline-Pipe/Valves & Misc  On-site Valves/Fittings/Lines&Misc  Wellhead Flowlines - Construction  Cathodic Protection  Electrical Installation  Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Water Pipeline - Construction  TOTAL WELL CO  Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance covering costs of well control  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 and the covered by Operator's well control insurance policy.	OTAL OST  proport , clean to	tionate shaup and redrived insurance.	\$631,200 \$3,195,200 \$9,2 re of the premiun ling as estimated	0181-0798  0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$95,000 \$21,000 \$24,000 \$175,000 \$100,000 \$100,000 \$29,000 \$35,000 \$1,504,200
Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head Tubing Head & Upper Section Horizontal Completion Tools  Subsurface Equip. & Artificial Lift Service Pumps (1/3) TP/CP/Circ. pump  Storage Tanks (1/3) (6) OT/ (4) WT/ GB Emissions Control Equipment (1/3) (3) VRT / VRU / Flare / (3) KO / AIR  Separation / Treating Equipment Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction  Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction  Water Pipeline - Construction  Water Pipeline - Construction  TOTAL WELL CC  Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance covering costs of well control  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 working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects	Proportion of the control of the con	tionate shaup and redrived insurance.	\$631,200 \$3,195,200 \$9,2 re of the premiun ling as estimated	0181-0798  0181-0870 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$98,000 \$30,000 \$75,000 \$25,000 \$12,000 \$145,000 \$115,000 \$95,000 \$21,000 \$24,000 \$175,000 \$100,000 \$100,000 \$29,000 \$35,000 \$1,504,200

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

TELEPHONE (432) 682-3715

July 29, 2024

#### Via Certified Mail

Avant Operating, LLC 1515 Wynkoop Street, Suite 1700, Denver, CO 80202 Attn: Sophia Guerra

Re: Choctaw Bingo 30-29 Well Proposals

Sections 30 & 29, T18S, R32E Lea County, New Mexico

#### Ladies and Gentlemen:

In addition to the wells proposed in my well proposal letter dated July 17, 2024, covering these lands, Mewbourne Oil Company ("MOC"), as Operator, hereby proposes to drill the following well targeting the Third Bone Spring Sand interval:

1) CHOCTAW BINGO 30/29 FED COM #625H (B3LI) – API # PENDING

Surface Location: 1250' FSL, 205' FWL, Section 30, T18S, R32E Bottom Hole Location: 1980' FSL, 100' FEL, Section 29, T18S, R32E

Proposed Total Vertical Depth: 10100' Proposed Total Measured Depth: 19710'

Tan ?

Target: Third Bone Spring Sand

This well is planned to be pad drilled with those mentioned in my letter dated July 17, 2024, using one rig with the first well tentatively planned to spud in the fourth quarter of 2024. In the event you elect to participate in the proposed well, please execute the previously delivered set of Operating Agreement signature and acknowledgement pages and AFEs before returning them to the undersigned within thirty (30) days. The mentioned Operating Agreement provides a non-consent penalty of 300%/100% and COPAS drilling/producing rates of \$10,000/month and \$1,000/month respectively. Please enclose your most current well information requirements with your executed AFEs so that we may supply well data when available.

If you have any questions or need additional information, please don't hesitate to contact me at tsloan@mewbourne.com or (432) 234-2856.

Sincerely,

MEWBOURNE OIL COMPANY

Thomas Sloan Landman

Well Name: CHOCTAW BINGO 30/29 FED COM #625H (B3LI) Prospect: THUNDERCLOUD					
Location: SL: 1520 FSL & 205 FWL (30); BHL: 1980 FSL & 100 FEL (29)	A		ST: NM		
Sec. 30 Blk: Survey: TWP:	18S	RNG:	32E Prop. TVE	): 10100	TMD: 19710
INTANCIBLE COSTS 0400		CODE	TCD	CODE	
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys		<b>CODE</b> 0180-010	TCP 0 \$20,000	<b>CODE</b> 0180-0200	CC
Location / Road / Site / Preparation		0180-010		0180-0205	\$25,000
Location / Restoration		0180-010		0180-0206	\$85,000
Daywork / Turnkey / Footage Drilling 18 days drlg / 3 days comp @ \$28,000/d Fuel 1700 gal/day @ \$3.90/gal		0180-011 0180-011		0180-0210 0180-0214	\$89,700 \$203,900
Alternate Fuels		0180-011		0180-0214	\$72,000
Mud, Chemical & Additives		0180-012		0180-0220	
Mud - Specialized Horizontal Drillout Services		0180-012	1 \$230,000	0180-0221	\$200 000
Stimulation Toe Preparation				0180-0222 0180-0223	\$200,000 \$30,000
Cementing		0180-012	5 \$150,000	0180-0225	\$60,000
Logging & Wireline Services		0180-013		0180-0230	\$313,200
Casing / Tubing / Snubbing Service		0180-013 0180-013		0180-0234	\$15,000
Mud Logging Stimulation 51 Stg 20.2 MMgal & 20.2 MMlbs		0100-013	7 \$20,000	0180-0241	\$2,215,000
Stimulation Rentals & Other				0180-0242	\$222,000
Water & Other		0180-014		0180-0245	\$436,600
Bits Inspection & Repair Services		0180-014 0180-015		0180-0248 0180-0250	\$5,000 \$5,000
Misc. Air & Pumping Services		0180-015		0180-0250	\$10,000
Testing & Flowback Services		0180-015		0180-0258	\$30,000
Completion / Workover Rig		0400 040	4 0450000	0180-0260	\$10,500
Rig Mobilization Transportation		0180-016 0180-016		0180-0265	\$60,000
Welding, Construction, & Maint. Services		0180-016	8 \$5,000	0180-0268	\$15,000
Contract Services & Supervision		0180-017		0180-0270	\$37,100
Directional Services Includes vertical control		0180-017 0180-018	. ,	0180-0280	¢110,000
Equipment Rental Well / Lease Legal		0180-018		0180-0280	\$110,000
Well / Lease Insurance		0180-018		0180-0285	
Intangible Supplies		0180-018		0180-0288	\$1,000
Damages Pipeline Interconnect & ROW Easements		0180-019 0180-019		0180-0290 0180-0292	\$10,000 \$5,000
Company Supervision		0180-019		0180-0292	\$37,800
Overhead Fixed Rate		0180-019	6 \$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-019	· ·	0180-0299	\$216,200
To	DTAL		\$2,564,000		\$4,540,000
TANGIBLE COSTS 0181		0404 070			
Casing (19.1" - 30")  Casing (10.1" - 19.0")  1200' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft		0181-079 0181-079			
Casing (8.1" - 10.0") 5150' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft		0181-079			
Casing (6.1" - 8.0") 8430' - 7" 29# HPP110 BT&C @ \$34.18/ft		0181-079	8307,800		
Casing (4.1" - 6.0") 10655' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft				0181-0797 0181-0798	\$221,200 \$98,000
Tubing 8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/ft  Drilling Head		0181-086	0 \$50,000	0101-0790	ψ90,000
Tubing Head & Upper Section			, ,	0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift  Service Pumps  TP/CP/Circ. pump				0181-0880 0181-0886	\$25,000 \$12,000
Storage Tanks (6) OT/ (4) WT/ GB				0181-0890	\$145,000
Emissions Control Equipment (1/4) (4) VRT / VRU / Flare / (4) KO / AIR				0181-0892	\$115,000
Separation / Treating Equipment (1/4) (4) H Sep / (2) V Sep / (4) VHT				0181-0895	\$85,000 \$05,000
Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0898 0181-0900	\$95,000 \$21,000
Water Pipeline-Pipe/Valves & Misc				0181-0901	\$24,000
On-site Valves/Fittings/Lines&Misc	_			0181-0906	\$175,000
Wellhead Flowlines - Construction			-	0181-0907 0181-0908	\$69,000
Cathodic Protection Electrical Installation				0181-0908	\$150,000
Equipment Installation				0181-0909	\$100,000
Oil/Gas Pipeline - Construction				0181-0920	\$29,000
Water Pipeline - Construction				0181-0921	\$35,000
To	DTAL		\$631,200		\$1,504,200
SUBTO	DTAL		\$3,195,200		\$6,044,200
TOTAL WELL CO	ST		\$9,2	39,400	
Extra Expense Insurance					
I elect to be covered by Operator's Extra Expense Insurance and pay my					
Operator has secured Extra Expense Insurance covering costs of well control,	clean ı	up and red	filling as estimated	in Line Item	0180-0185.
I elect to purchase my own well control insurance policy.					
If neither box is checked above, non-operating working interest owner elects to be covered by Operator's w	ell contro	ol insurance			
Prepared by: T. Cude	Date:	7/29/20	)24_		
Company Approval:	Date:		_		
Company Approval.	⊿aie.				
Joint Owner Interest: Amount:					
Joint Owner Name: Signatur	e:				

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

TELEPHONE (432) 682-3715

September 20, 2024

#### Via Certified Mail

Avant Operating, LLC 1515 Wynkoop Street, Suite 1700, Denver, CO 80202 Attn: Sophia Guerra

Re: Choctaw Bingo 30 Well Proposal

S2 of Section 30, T18S, R32E Lea County, New Mexico

#### Ladies and Gentlemen:

In addition to the wells proposed in my well proposal letters dated July 17, 2024, and July 29, 2024, covering these lands, Mewbourne Oil Company ("MOC"), as Operator, hereby proposes to drill the following well targeting the Second Bone Spring Sand interval:

1) CHOCTAW BINGO 30 FED COM #528H (B2MP) – API # PENDING

Surface Location: 1440' FSL, 205' FWL, Section 30, T18S, R32E Bottom Hole Location: 330' FSL, 100' FEL, Section 30, T18S, R32E

Proposed Total Vertical Depth: 9300' Proposed Total Measured Depth: 13630' Target: Second Bone Spring Sand

Target. Second Done Spring Sand

Pursuant to the addition of this well, please find enclosed revised Exhibit "A" dated September 20, 2024, adding Contract Area 4, being the South half of Section 30, T18S, R32E, Lea County, limited to the Second Bone Spring Sand, and further limited to this proposed wellbore.

This well is planned to be pad drilled with the wells proposed in my previous well proposal letters, using one rig with the first well tentatively planned to spud in the fourth quarter of 2024. In the event you elect to participate in the proposed well, please execute the previously delivered set of Operating Agreement signature and acknowledgement pages and AFEs before returning them to the undersigned within thirty (30) days. The mentioned Operating Agreement provides a non-consent penalty of 300%/100% and COPAS drilling/producing rates of \$10,000/month and \$1,000/month respectively. Please enclose your most current well information requirements with your executed AFEs so that we may supply well data when available.

If you have any questions or need additional information, please don't hesitate to contact me at <u>tsloan@mewbourne.com</u> or (432) 234-2856.

Sincerely,

MEWBOURNE OIL COMPANY

Eng

Thomas Sloan Landman

Well Name: CHOCTAW	V BINGO 30 FED COM #528H (B2MP)	Pro	spect: Ti	HUNDERCLOUD		
Location: SL: 1440 FSL & 205 FWL (30); BHL: 330 FSL & 100 FEL (30) County: LEA						ST: NM
Sec. 30 Blk:	Survey:	TWP: 18S	RNG:	32E Prop. TVI	D: 9300	TMD: 13630
5 I. 5 1 00	INTANGIBLE COSTS 0180		CODE	TCP	CODE	СС
Regulatory Permits & Sur Location / Road / Site / Pr	·		0180-010 0180-010		0180-0200 0180-0205	\$25,000
Location / Restoration	Сраганоп		0180-010		0180-0206	
Daywork / Turnkey / Foota	age Drilling 14 days drlg / 3 days comp @	② \$28,000/d	0180-011		0180-0210	\$89,700
Fuel	1700 gal/day @ \$3.90/gal		0180-011		0180-0214	\$105,000
Alternate Fuels			0180-011		0180-0215	\$36,000
Mud, Chemical & Additive Mud - Specialized	<u>s</u>		0180-012 0180-012		0180-0220 0180-0221	
Horizontal Drillout Service	es		0100-012	\$180,000	0180-0221	\$185,000
Stimulation Toe Preparation					0180-0223	\$30,000
Cementing			0180-012	5 \$140,000	0180-0225	\$50,000
Logging & Wireline Service			0180-013		0180-0230	\$157,500
Casing / Tubing / Snubbin	g Service		0180-013		0180-0234	\$15,000
Mud Logging Stimulation	24 Stg 9.6 MM gal / 9.6 MM	lh .	0180-013	<u>7</u> \$15,000	0180-0241	\$1,076,000
Stimulation Rentals & Oth		10			0180-0241	\$165,000
Water & Other			0180-014	5 \$60,000	0180-0245	\$226,200
Bits			0180-014		0180-0248	\$5,000
Inspection & Repair Service			0180-015	_	0180-0250	\$5,000
Misc. Air & Pumping Serv			0180-015	_	0180-0254	\$10,000
Testing & Flowback Service Completion / Workover Ri			0180-015	\$15,000	0180-0258 0180-0260	\$30,000 \$10,500
Rig Mobilization	<u>y</u>		0180-016	4 \$150,000		ψ10,500
Transportation			0180-016	· · ·	0180-0265	\$60,000
Welding, Construction, &	Maint. Services		0180-016		0180-0268	
Contract Services & Supe			0180-017		0180-0270	\$37,100
Directional Services	Includes vertical control		0180-017 0180-018	<del> </del>	0180-0280	¢110,000
Equipment Rental Well / Lease Legal			0180-018		0180-0280	\$110,000
Well / Lease Insurance			0180-018		0180-0285	
Intangible Supplies			0180-018	8 \$10,000	0180-0288	\$1,000
Damages			0180-019		0180-0290	\$10,000
Pipeline Interconnect & R	OW Easements		0180-019		0180-0292	\$5,000
Company Supervision Overhead Fixed Rate			0180-019 0180-019		0180-0295 0180-0296	\$25,200 \$20,000
Contingencies	5% (TCP) 5% (CC)		0180-019		0180-0298	
Containgonoide	578 (161 ) 578 (56)	TOTAL	_	\$2,073,000		\$2,718,700
	TANGIBLE COSTS 0181	<del>_</del>				, , , , , , ,
Casing (19.1" - 30")	TANGIBLE GOOTO UTOT		0181-079	3		
Casing (10.1" - 19.0")	1200' - 13 3/8" 54.5# J-55 ST&C @ \$47	7.92/ft	0181-079			
Casing (8.1" - 10.0")	5150' - 9 5/8" 40# HCL80 LT&C @ \$38.	.51/ft	0181-079	5 \$211,900		
Casing (6.1" - 8.0")	8430' - 7" 29# HPP110 BT&C @ \$34.18		0181-079	6 \$307,800		
Casing (4.1" - 6.0")	5750' - 4 1/2" 13.5# HCP-110 CDC-HTC			+	0181-0797	\$119,400
Tubing Drilling Head	8740' - 2 7/8" 6.5# N-80 Tbg @ \$10.50/	/IT	0181-086	0 \$50,000	0181-0798	\$98,000
Tubing Head & Upper Sec	 tion		0101 000	ψου,οοο	0181-0870	\$30,000
Horizontal Completion Too					0181-0871	\$75,000
Subsurface Equip. & Artifi	cial Lift				0181-0880	\$25,000
Service Pumps	(1/3) TP/CP/Circ. pump				0181-0886	\$12,000
Storage Tanks	(1/3) (6) OT/ (4) WT/ GB	D.		+	0181-0890 0181-0892	\$145,000
Emissions Control Equipm Separation / Treating Equ		K		+	0181-0892	\$115,000 \$85,000
Automation Metering Equi			1		0181-0898	\$95,000
Oil/Gas Pipeline-Pipe/Valv	ves&Misc				0181-0900	\$21,000
Water Pipeline-Pipe/Valve					0181-0901	\$24,000
On-site Valves/Fittings/Lir					0181-0906	\$175,000
Wellhead Flowlines - Cons	struction		-		0181-0907	\$69,000
Cathodic Protection Electrical Installation			-	+	0181-0908 0181-0909	\$150,000
Equipment Installation			1	1	0181-0909	\$100,000
Oil/Gas Pipeline - Constru	ıction				0181-0920	\$29,000
Water Pipeline - Construc	tion				0181-0921	\$35,000
		TOTAL	-	\$631,200		\$1,402,400
		SUBTOTAL		\$2,704,200		\$4,121,100
			<u> </u>		ļ <u> </u>	Ψ-1,12-1,100
	TOTAL	WELL COST		\$6,8	25,300	
Extra Expense Insurance  I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.  Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.  I elect to purchase my own well control insurance policy.						
If neither box is checked above,	non-operating working interest owner elects to be covered	by Operator's well con	trol insurance			
Prepared by:	MIDLAND	Dat	e: <b>9/19/2</b> 0	<del></del>		
			-			
Company Approval:		Dat	e: 			
Joint Owner Interest:	Amount:					
Loint Owner Name:	<del></del>	Signature:				

#### **CONSOLIDATED SUMMARY OF COMMUNICATIONS**

Prepared by Thomas Sloan – February 11, 2025

#### **CHOCTAW BINGO 30-29:**

CHOCTAW BINGO 30/29 FED COM #467H (B1MP) CHOCTAW BINGO 30/29 FED COM #526H (B2LI) CHOCTAW BINGO 30/29 FED COM #627H (B3MP) CHOCTAW BINGO 30/29 FED COM #625H (B3LI) S/2 Sections 30 & 29, T18S, R32E, Lea County

#### **CHOCTAW BINGO 30:**

CHOCTAW BINGO 30 FED COM #528H (B2MP) S/2S/2 Section 30, T18S, R32E, Lea County

## **Working Interest Owners:**

# **Subsidiaries of Coterra Energy, Inc.:**

- Legion Production Partners, LLC;
- Avant Operating, LLC;
- Double Cabin Minerals, LLC

(Working Interest Owners – Choctaw Bingo 30-29: Tract 3; Choctaw Bingo 30: Tract 2) 1515 Wynkoop Street, Suite 1700, Denver, CO 80202

Attn: Sophia Guerra

#### For wells:

- CHOCTAW BINGO 30/29 FED COM #467H (B1MP);
- CHOCTAW BINGO 30/29 FED COM #526H (B2LI);
- CHOCTAW BINGO 30/29 FED COM #627H (B3MP).
- 1. 7/17/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, AFEs, and Operating Agreement via certified mail. See proof of delivery 7/20/2024 attached.

#### For Well:

- CHOCTAW BINGO 30/29 FED COM #625H (B3LI)
- 1. 7/29/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, and AFE via certified mail. See proof of delivery 8/3/2024 attached.

#### For Well:

- CHOCTAW BINGO 30 FED COM #528H (B2MP)
- 1. 9/20/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, and AFE via certified mail. See proof of delivery 9/23/2024 attached.

#### Regarding all wells:

- 1. 1/19/2025 1/29/2025: Mewbourne Oil Company Landman Tyler Jolly; Various email communications regarding the possibility of a trade.
- 2. 1/21/2025: Mewbourne Oil Company Landman Tyler Jolly phone call with Landman Scott Richter discussing possibility of trading acreage.
- 3. 1/29/2025: Mewbourne Oil Company Landman Tyler Jolly in person meeting with Coterra Management to discuss potential Trade.

## **BEXP II Omega, LLC**

(Working Interest Owner – Choctaw Bingo 30-29: Tract 3; Choctaw Bingo 30: Tract 2) 5914 W. Courtyard Drive, Suite 200 Austin, TX 78730

Attn: Austin Kuenstler

#### For wells:

- CHOCTAW BINGO 30/29 FED COM #467H (B1MP);
- CHOCTAW BINGO 30/29 FED COM #526H (B2LI);
- CHOCTAW BINGO 30/29 FED COM #627H (B3MP).
- 2. 7/17/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, AFEs, and Operating Agreement via certified mail. See proof of delivery 7/22/2024 attached.

#### For Well:

- CHOCTAW BINGO 30/29 FED COM #625H (B3LI)
- 2. 7/29/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, and AFE via certified mail. See proof of delivery 8/5/2024 attached.

#### For Well:

- CHOCTAW BINGO 30 FED COM #528H (B2MP)
- 2. 9/20/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, and AFE via certified mail. See proof of delivery 9/27/2024 attached.

#### Regarding all wells:

1. 7/19/2024: Mewbourne Oil Company Landman Thomas Sloan called Landman at entity, Anthony Cross, to discuss Well proposals, no answer, left Voicemail.

## **BEXP II Alpha, LLC**

(Working Interest Owner - Choctaw Bingo 30-29: Tract 3; Choctaw Bingo 30: Tract 2) 5914 W. Courtyard Drive, Suite 200 Austin, TX 78730

Attn: Austin Kuenstler

#### For wells:

- CHOCTAW BINGO 30/29 FED COM #467H (B1MP);
- CHOCTAW BINGO 30/29 FED COM #526H (B2LI);
- CHOCTAW BINGO 30/29 FED COM #627H (B3MP).
- 3. 7/17/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, AFEs, and Operating Agreement via certified mail. See proof of delivery 7/22/2024 attached.

#### For Well:

- CHOCTAW BINGO 30/29 FED COM #625H (B3LI)
- 3. 7/29/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, and AFE via certified mail. See proof of delivery 8/5/2024 attached.

## For Well:

- CHOCTAW BINGO 30 FED COM #528H (B2MP)
- 3. 9/20/2024 Mewbourne Oil Company Landman Thomas Sloan sent Well Proposal letter, and AFE via certified mail. See proof of delivery 9/25/2024 attached.

#### Regarding all wells:

1. 7/19/2024: Mewbourne Oil Company Landman Thomas Sloan called Landman at entity, Anthony Cross, to discuss Well proposals, no answer, left Voicemail.

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

APPLICATION OF AVANT OPERATING, LLC FOR APPROVAL OF A NON-STANDARD UNIT, COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, LEA COUNTY, NEW MEXICO.

**CASE NO. 24774** 

APPLICATIONS OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 24892 & 24893

# SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

- 1. My name is Charles Crosby and I am employed by Mewbourne Oil Company ("Mewbourne") as a Geologist.
- 2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.
- 3. I am familiar with the applications filed by Mewbourne and Avant in these consolidated cases, and I have conducted a geologic study of the lands in the subject area.
- 4. **Mewbourne Exhibit B-1** contains two plats showing the location of the subject area, the existing vertical and horizontal development in the subject area, and the competing additional development plans for the S2 of Sections 29 and 30. As reflected in the first plat, under Case 24893 Mewbourne has proposed to add four additional 2-mile wells in the S2 of Sections 29 and 30, with two of those wells in the Third Bone Spring interval and the remaining two in the First and Second Bone Spring intervals. Under Case 24892, Mewbourne has proposed to add a one-mile horizontal well in the Second

Bone Spring interval in the S2S2 of Section 30 to offset the existing one-mile horizontal well in the 2<sup>nd</sup> Bone Spring interval in S2S2 of Section 29.

- 5. The second plat comprising Exhibit B-1 shows the additional development proposed by Avant in the S2 of Sections 29 and 32 under Case 24774. Avant has proposed to drill eight additional wells in the Bone Spring underlying this acreage, with three additional wells in the First Bone Spring interval, two additional wells in the Second Bone Spring interval, and three additional wells in the Third Bone Spring interval. In my opinion the cumulative oil and gas production from the existing vertical and horizontal wells in and directly offsetting the S2 of Sections 29 and 30 shown on this exhibit does not support this extensive additional development.
- 6. In addition, the six well per section pattern proposed by Avant in the S2 of Sections 29 and 30 is inconsistent with the four well per section pattern utilized by operators in adjoining sections.
- 7. Finally, Avant has not proposed a Second Bone Spring well in the S2S2 of Section 30, further indicating a six well per section pattern is not necessary or appropriate for the Bone Spring in this area.
- 8. **Mewbourne Exhibit B-2** contain subsea structure maps that I prepared for the First, Second and Third Bone Spring intervals. The contour intervals are 100 feet and the S2 of Sections 29 and 30 is outlined with black dashes. Each map also reflect shows the additional wells Mewbourne has proposed for each interval. You will note that Mewbourne did not propose a second First Bone Spring well in the N2S2 of Sections 29 and 30 due to the cumulative oil and gas production that has already occurred from the existing vertical and horizontal wells in this acreage.

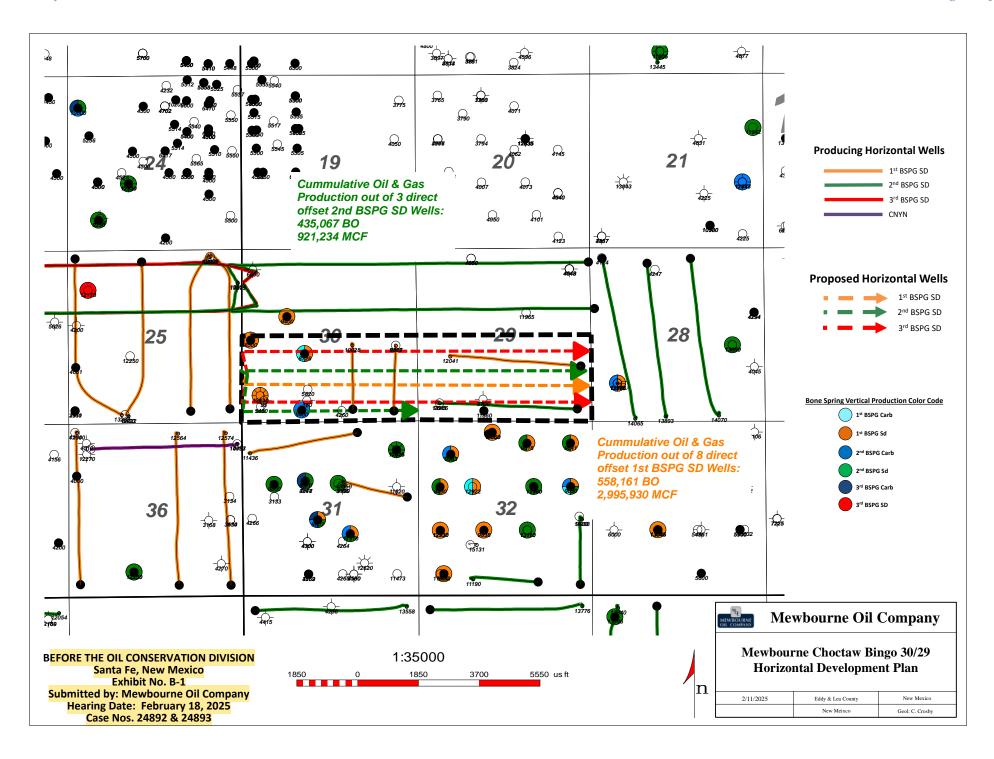
- 9. The structure maps show the targeted formations gently dipping to the southeast. The structure appears consistent across the proposed spacing unit, and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.
- 10. Mewbourne Exhibit B-2 also show a line of cross-section through the proposed horizontal spacing unit from A to A'. I chose the logs from these wells to create the cross-section because they penetrate the targeted interval, are of good quality and have been subjected to petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.
- 11. **Mewbourne Exhibit B-3** is a stratigraphic cross-section that I prepared for each targeted Bone Spring interval using the logs from the representative wells shown in Exhibit B-2. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed wells is marked on the cross-section with arrows. These cross-sections demonstrate that the targeted interval is continuous across the proposed spacing unit.
- 12. In my opinion, the horizontal stress direction in this area allows for either a standup or laydown orientation for horizontal wells.
- 13. Based on my geologic study, the Bone Spring formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the five additional well proposed by Mewbourne.
- 14. In contrast, the acreage comprising the proposed spacing unit will not contribute proportionately to the <u>eight</u> additional wells proposed by Avant due to depletion from the cumulative oil and gas production from the existing horizontal and vertical Bone Spring wells in the subject area.

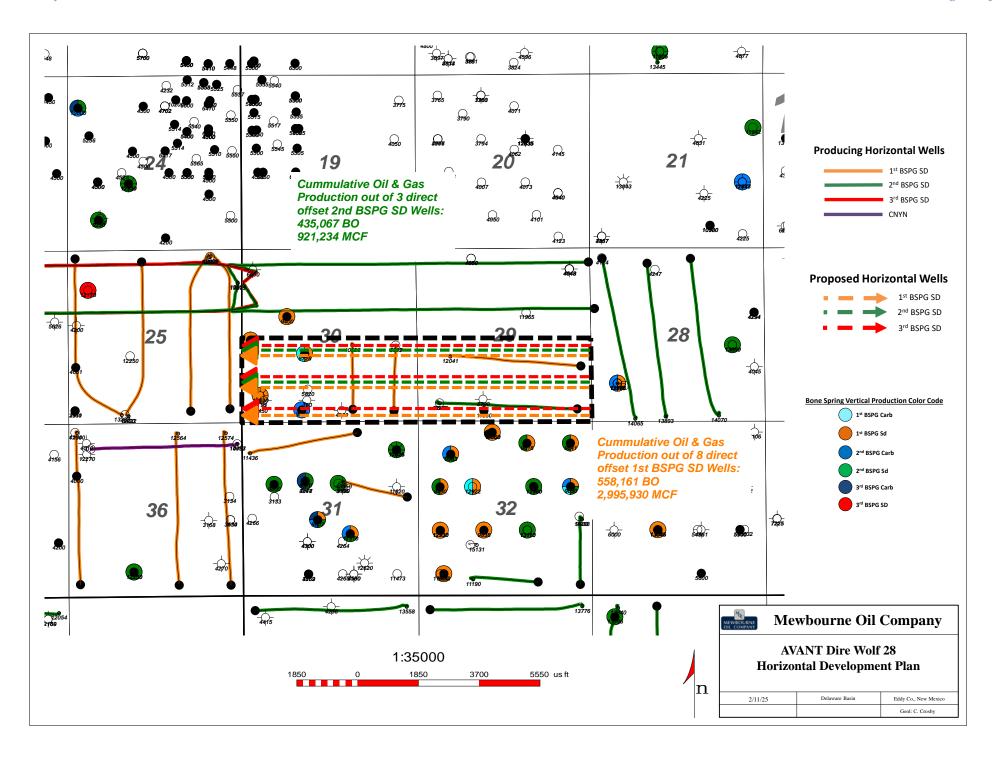
- 15. In my opinion, Mewbourne's proposed horizontal wells will continue to efficiently develop this acreage, and approving Mewbourne's applications is in the best interest of conservation, the prevention of waste, and protection of correlative rights.
- 16. **Mewbourne Exhibits B-1 through B-3** were either prepared by me or compiled under my direction and supervision.
- 17. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

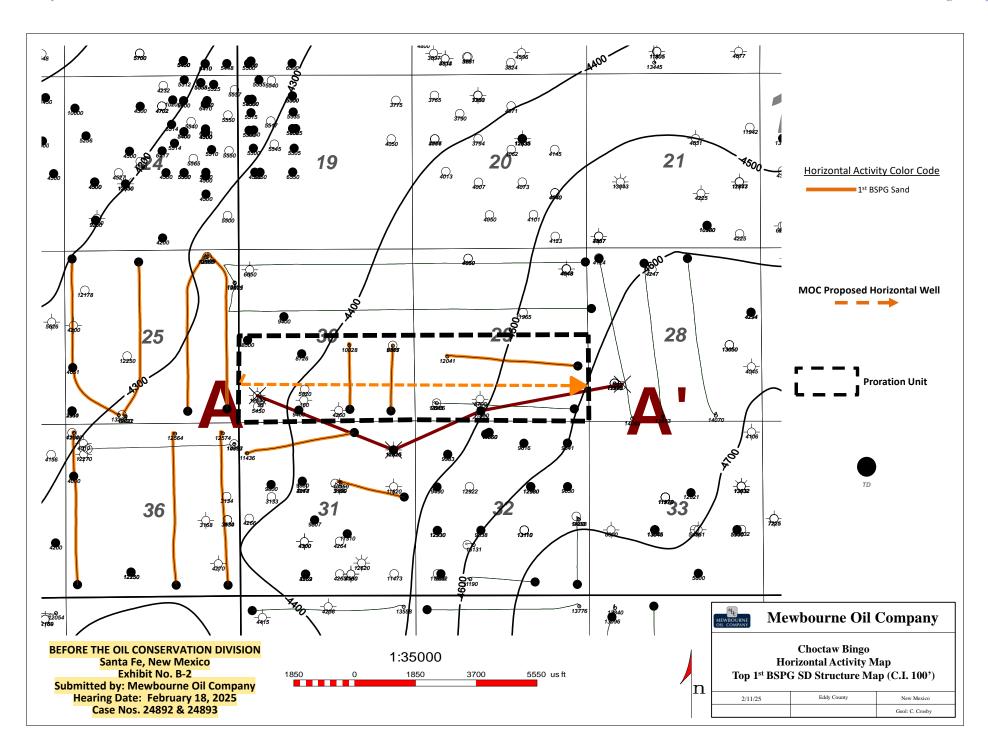
  2/11/2025

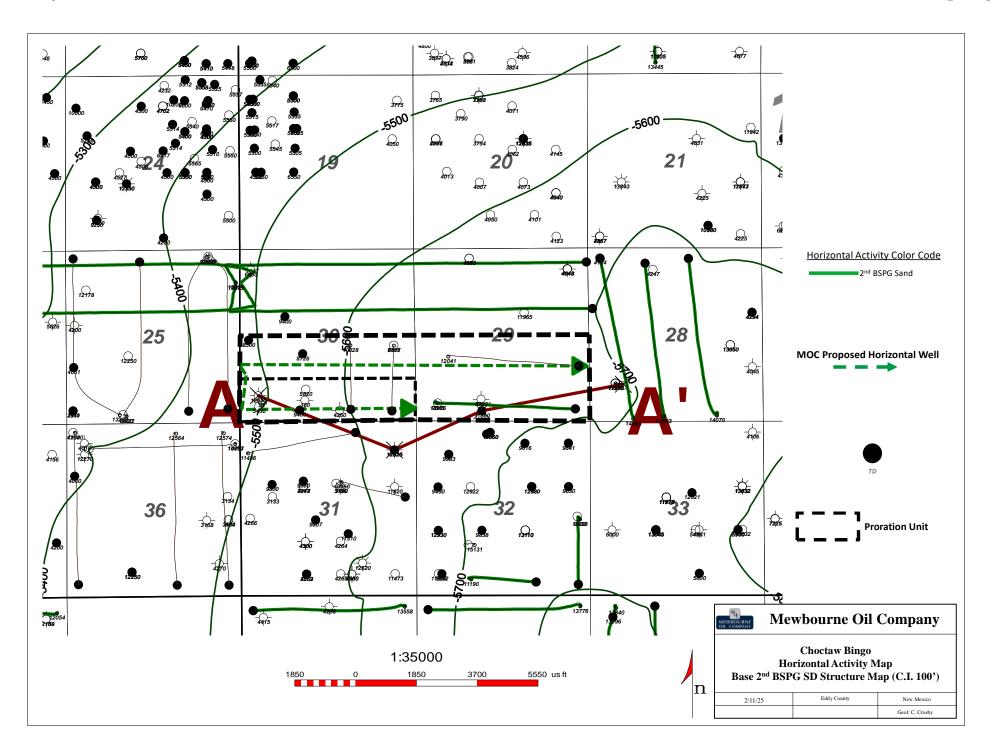
Charles Crosby

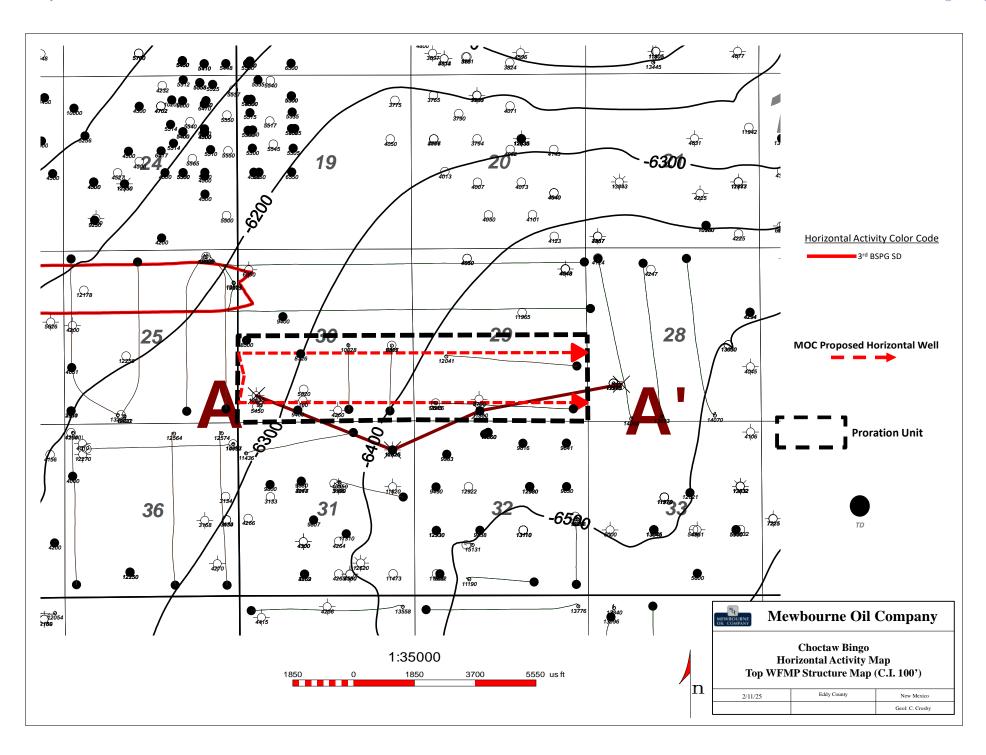
Date











BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B-3
Submitted by: Mewbourne Oil Company
Hearing Date: February 18, 2025
Case Nos. 24892 & 24893

Page 61 of 68

Page 62 of 68

Page 63 of 68

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

APPLICATIONS OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 24892-24893

SELF-AFFIRMED STATEMENT OF MICHAEL H. FELDEWERT

1. I am attorney in fact and authorized representative of Mewbourne Oil Company

("MOC"), the Applicant herein. I have personal knowledge of these matters addressed herein and

am competent to provide this self-affirmed statement.

2. The above-referenced applications and notice of the hearing on these applications

were sent by certified mail to the affected parties on the date set forth in the letter attached hereto.

3. The spreadsheets attached hereto contains the names of the parties to whom notice

was provided.

4. The spreadsheets attached hereto contains the information provided by the United

States Postal Service on the status of the delivery of these notices as of February 11, 2025.

5. I affirm under penalty of perjury under the laws of the State of New Mexico that

the foregoing statements are true and correct. I understand that this self-affirmed statement will be

used as written testimony in this case. This statement is made on the date next to my signature

below.

Michael H. Feldewert

February 11, 2025

Date

Case Nos. 24892 & 24893



Michael H. Feldewert Partner Phone (505) 988-4421 mfeldewert@hollandhart.com

October 11, 2024

# VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL AFFECTED INTEREST OWNERS

Re: Application of Mewbourne Company for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New

Mexico: Choctaw Bingo 30 Fed Com 528H

#### Ladies & Gentlemen:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on October 31, 2024, and the status of the hearing can be monitored through the Division's website at <a href="https://www.emnrd.nm.gov/ocd/">https://www.emnrd.nm.gov/ocd/</a>.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Thomas Sloan at (432) 682-3715, or at tsloan@mewbourne.com.

Sincerely,

Michael H. Feldewert

ATTORNEY FOR MEWBOURNE OIL COMPANY

Location 110 North Guadalupe, Suite 1 Santa Fe, NM 87501-1849 Mailing Address
P.O. Box 2208
Santa Fe, NM 87504-2208

p: 505.988.4421 | f: 505.983.6043 www.hollandhart.com

Holland & Hart LLP Anchorage Aspen Billings Boise Boulder Cheyenne Denver Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C.



Michael H. Feldewert Partner Phone (505) 988-4421 mfeldewert@hollandhart.com

October 11, 2024

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Sincerely,

Michael H. Feldewert

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Holland & Hart LLP Anchorage Aspen Billings Boise Boulder Cheyenne Denver Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C.

# MOC - Choctaw Bingo wells - Case nos. 24892-24893 Postal Delivery Report

				Your item was delivered
				to an individual at the
				address at 3:46 pm on
				October 15, 2024 in
9414811898765480333925   Avant Operating, LLC   1515 Wynkoop St Ste 1700   Denv	nver C	0.0	80202-5560	DENVER, CO 80202.
				Your item was delivered
				to the front desk,
				reception area, or mail
				room at 11:32 am on
				October 15, 2024 in
9414811898765480333901   BEXP II Alpha, LLC   5914 W Courtyard Dr Ste 200   Austin	stin T	ГХ	78730-4911	AUSTIN, TX 78730.
				Your item was delivered
				to the front desk,
				reception area, or mail
				room at 11:32 am on
				October 15, 2024 in
9414811898765480333949   BEXP II Omega, LLC   5914 W Courtyard Dr Ste 200   Austi	stin T	ГХ	78730-4911	AUSTIN, TX 78730.
				Your item was delivered
				to an individual at the
				address at 3:46 pm on
				October 15, 2024 in
9414811898765480333932   Double Cabin Minerals, LLC   1515 Wynkoop St Ste 1700   Denv	nver C	00	80202-5560	DENVER, CO 80202.
				Your item was delivered
				to an individual at the
				address at 12:59 pm on
				October 17, 2024 in
9414811898765480333970   Jeffrey L. Keim   1030 Westchester   Green	ensboro G	GΑ	30642-3482	GREENSBORO, GA 30642.
				Your item was delivered
				to an individual at the
				address at 3:46 pm on
				October 15, 2024 in
		- 1		000000: 20, 202 :

Received by OCD: 2/12/2025 8:51:49 AM

# MOC - Choctaw Bingo 467H, 526H, 625H, 627H wells - Case no. 24893 Postal Delivery Report

9214 8901 9403 8382 0152 29	CHEVRON USA INC 1400 SMITH STREET HOUSTON TX 77002	Delivered Signature Received
9214 8901 9403 8382 0152 36	CHEVRON USA INC 6301 DEAUVILLE BLVD MIDLAND TX 79706	Delivered Signature Received