

**CASE NO. 23695**

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

**EXHIBITS**

- A. Landman's Affidavit
- B. Geologist's Affidavit
- C. Application and Proposed Notice
- D. Affidavit of Notice
- E. Certified Notice Spreadsheet
- F. Pooling Checklist

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

**APPLICATION OF BURNETT OIL CO., INC.  
FOR COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.**

**Case No. 23695**

**SELF-AFFIRMED STATEMENT OF KRISTINE PILGRIM**

Kristine Pilgrim deposes and states:

1. I am a landman for Burnett Oil Co., Inc. ("Burnett"), and have personal knowledge of the matters stated herein. I have been not qualified by the Division as an expert petroleum landman. My educational and employment background is as follows:

- Bachelor's in Organizational Leadership, Brandman University received in 2015.
- Petroleum Land Management, Midland College received in 2019.
- Master's of Jurisprudence in Environmental, and Energy Law, Texas A&M School of Law received in 2022.
- Current AAPL Registered Landman
- 8 years working at Burnett Oil Company in various land roles.
- 4 years working in the Air Force as a C-17 Loadmaster.

2. Pursuant to Division Rules, the following information is submitted in support of this compulsory pooling application

3. The purpose of this application is to force pool uncommitted working interest owners into the Yeso horizontal spacing unit described below, and in the wells to be drilled in the unit.

4. In this case Burnett seeks an order pooling all uncommitted mineral interest owners in the Yeso formation underlying a proximity tract horizontal spacing unit comprised of Lots 3, 4, the E/2SW/4, and the SE/4 (the S/2) of Section 7, Township 19 South, Range 26 East, NMPM. The unit will be dedicated to:

(a) the Four Mile Draw IL Well No. 1H, with a first take point in the NE/4SE/4 and a last take point in Lot 3 (the NW/4SW/4) of Section 7;

(b) the Four Mile Draw PM Well No. 1H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7 (the proximity tract well); and

EXHIBIT

*A*

(c) the Four Mile Draw PM Well No. 2H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7.

5. There is no depth severance in the Yeso formation.
6. Plats outlining the unit being pooled are submitted as Exhibit A-1, C-102s for the wells are part of Exhibit A-1.
7. The tracts in the unit, the leases, and the parties being pooled and their interests, are set forth in Exhibits A-1 and A-2. The persons being pooled are designated with an asterisk.
8. The interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the wells.
9. In order to locate the interest owners, Burnett examined the county records, performed internet searches, checked telephone records, and searched Accurint and Whitepages. All interest owners are locatable
10. Exhibit A-3 is a sample copy of the proposal letter sent to the uncommitted interest owners. Attachment C also contains a summary of communications with the persons who received the well proposal. Burnett has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
11. Exhibit A-4 contains the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the cost of other wells of similar depth and length drilled in this area of Eddy County.
12. Burnett requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Burnett requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
13. Burnett requests that the maximum cost plus 200% risk charge be assessed against a non-consenting working interest owner.
14. Burnett requests that Burnett Oil Company be designated operator of the wells.
15. The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.
16. Granting this application is in the interests of conservation and the prevention of waste.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 16 above is true and correct and is made

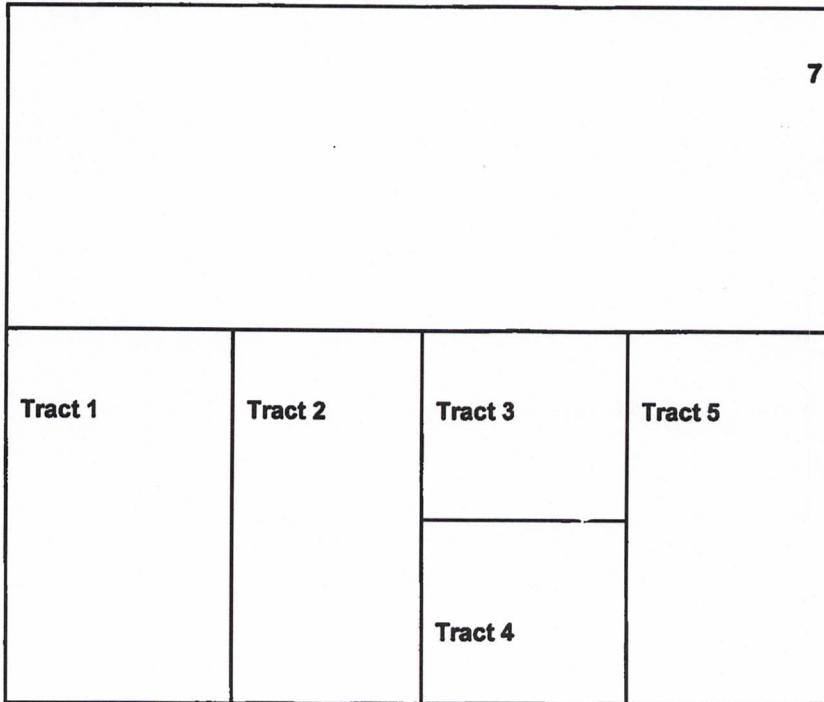
under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 8/2/23

  
\_\_\_\_\_  
Kristine Pilgrim

24

T19S-R26E



**Tract 1**  
Silverback New Mexico, LLC

**Tract 2**  
Silverback New Mexico, LLC  
Burnett Oil Company

**Tract 3**  
Burnett Oil Company

**Tract 4**  
Burnett Oil Company  
Silverback New Mexico, LLC  
COG Operating, LLC (COP)  
Concho Oil and Gas, LLC (COP)  
E3 Energy, Ltd  
Saguaro Resources, Inc.  
Cactus Energy, Inc.

**Tract 5**  
Burnett Oil Company  
Carol Bennett  
Martha B. Cox  
Terri Lee Cicchetti

EXHIBIT A-1

AS

T19S-R26E

7			
Tract 1	Tract 2	Tract 3	Tract 5
		Tract 4	

**RECAPULATION**

<u>Tract Number</u>	<u>Number of acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
Tract 1	79.71	24.93%
Tract 2	80	25.02%
Tract 3	40	12.51%
Tract 4	40	12.51%
Tract 5	<u>80</u>	<u>25.02%</u>
<b>Total</b>	<b>319.71</b>	<b>100.00%</b>

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

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone (575) 748-1263 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <i>30-015-Pending</i>	Pool Code <i>3250</i>	Pool Name <i>Atoka; Glorieta-Yaso</i>
Property Code	Property Name FOUR MILE DRAW IL	Well Number 1H
OGRID No. <i>03080</i>	Operator Name BURNETT OIL CO.	Elevation 3370'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	19 S	26 E		1340	SOUTH	620	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	7	19 S	26 E		2300	SOUTH	101	WEST	EDDY

Dedicated Acres <i>319.71</i>	Joint or Infill	Consolidation Code	Order No.
----------------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**PROPOSED BOTTOM HOLE LOCATION**

Lat - N 32.674097°  
Long - W 104.429341°  
NMSPC- N 608980.8  
E 511796.0  
(NAD-83)

Lat - N 32.673983°  
Long - W 104.428823°  
NMSPC- N 608919.3  
E 470617.3  
(NAD-27)

**FIRST TAKE POINT**  
2300' FSL & 101' FEL

Lat - N 32.674232°  
Long - W 104.412874°  
NMSPC- N 609026.0  
E 516863.1  
(NAD-83)

Lat - N 32.674613°  
Long - W 104.412356°  
NMSPC- N 609144.5  
E 475684.3  
(NAD-27)

**SURFACE LOCATION**

Lat - N 32.671526°  
Long - W 104.410715°  
NMSPC- N 608040.9  
E 517526.6  
(NAD-83)

Lat - N 32.671412°  
Long - W 104.410974°  
NMSPC- N 607979.4  
E 476347.8  
(NAD-27)

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

Email Address \_\_\_\_\_

**SURVEYORS CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 17, 2023  
Date of Survey

Signature and Seal of Professional Surveyor:

Job No.: 55926 Draft: FH!  
JAMES C. TOMPKINS 27117 DATE: 04/17/2023  
Certificate Number

0' 1000' 2000' 3000' 4000'  
SCALE: 1" = 2000'

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

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <b>30-15-Pending</b>	Pool Code <b>3250</b>	Pool Name <b>Ataka; Glorieta-Yeso</b>
Property Code	Property Name <b>FOUR MILE DRAW PM</b>	Well Number <b>1H</b>
OGRID No. <b>03080</b>	Operator Name <b>BURNETT OIL CO.</b>	Elevation <b>3371'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	19 S	26 E		1320	SOUTH	620	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	7	19 S	26 E		1300	SOUTH	101	WEST	EDDY

Dedicated Acres <b>319.71</b>	Joint or Infill	Consolidation Code	Order No.
----------------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**PROPOSED BOTTOM HOLE LOCATION**

Lat - N 32.671348°  
Long - W 104.429338°  
NMSPC- N 607980.7  
E 511796.2  
(NAD-83)

Lat - N 32.671234°  
Long - W 104.428819°  
NMSPC- N 607919.2  
E 470617.5  
(NAD-27)

**FIRST TAKE POINT**  
1300' FSL & 101' FEL

Lat - N 32.671484°  
Long - W 104.412821°  
NMSPC- N 608026.1  
E 516878.5  
(NAD-83)

Lat - N 32.671370°  
Long - W 104.412303°  
NMSPC- N 607964.6  
E 475699.7  
(NAD-27)

**SURFACE LOCATION**

Lat - N 32.671471°  
Long - W 104.410714°  
NMSPC- N 608020.9  
E 517526.8  
(NAD-83)

Lat - N 32.671357°  
Long - W 104.410197°  
NMSPC- N 607659.4  
E 476348.0  
(NAD-27)

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

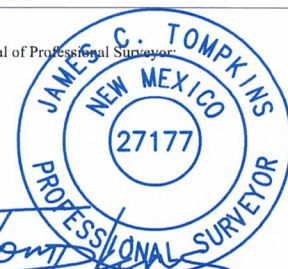
Email Address \_\_\_\_\_

**SURVEYORS CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

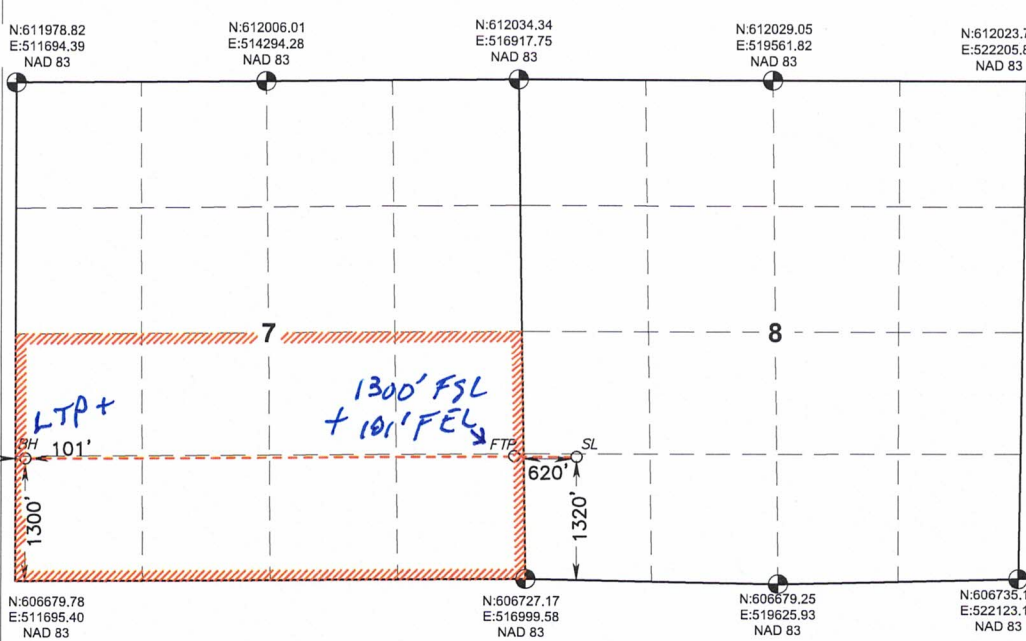
APRIL 17, 2023  
Date of Survey

Signature and Seal of Professional Surveyor: \_\_\_\_\_



Job No.: 55926 Draft: FH!  
JAMES C. TOMPKINS 27117 DATE: 04/17/2023  
Certificate Number \_\_\_\_\_

0' 1000' 2000' 3000' 4000'  
SCALE: 1" = 2000'



The diagram shows a grid of sections 7 and 8. A well location is marked with a red dashed rectangle. The well location is 1300' from the south line and 101' from the east line. The surface location is 620' from the east line and 1320' from the south line. The first take point is at the intersection of the 1300' FSL and 101' FEL. The diagram also shows the coordinates for the corners of the sections.



**DISTRICT I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-0720

**DISTRICT II**  
811 S. First St., Artesia, NM 88210  
Phone (575) 748-1269 Fax: (575) 748-9720

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6178 Fax: (505) 334-6170

**DISTRICT IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

AMENDED REPORT

API Number <i>30.015. Pending</i>	Pool Code <i>3250</i>	Pool Name <i>Atoka; Glorieta. Yesso</i>
Property Code	Property Name FOUR MILE DRAW PM	Well Number 2H
OGRID No. <i>03080</i>	Operator Name BURNETT OIL CO.	Elevation 3371'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	19 S	26 E		1300	SOUTH	620	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	7	19 S	26 E		350	SOUTH	101	WEST	EDDY

Dedicated Acres <i>319.71</i>	Joint or Infill	Consolidation Code	Order No.
----------------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**PROPOSED BOTTOM HOLE LOCATION**

Lat - N 32.668736°  
Long - W 104.429334°  
NMSPC- N 607030.7  
E 511796.3  
(NAD-83)

Lat - N 32.668623°  
Long - W 104.428816°  
NMSPC- N 606969.3  
E 470617.6  
(NAD-27)

**FIRST TAKE POINT**  
*350' FSL & 101' FEL*

Lat - N 32.668873°  
Long - W 104.412771°  
NMSPC- N 607076.2  
E 516893.2  
(NAD-83)

Lat - N 32.668759°  
Long - W 104.412253°  
NMSPC- N 607014.7  
E 475714.4  
(NAD-27)

**SURFACE LOCATION**

Lat - N 32.671416°  
Long - W 104.410713°  
NMSPC- N 608000.9  
E 517527.1  
(NAD-83)

Lat - N 32.671302°  
Long - W 104.410196°  
NMSPC- N 607939.4  
E 476348.3  
(NAD-27)

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

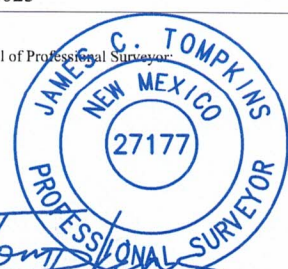
Email Address \_\_\_\_\_

**SURVEYORS CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

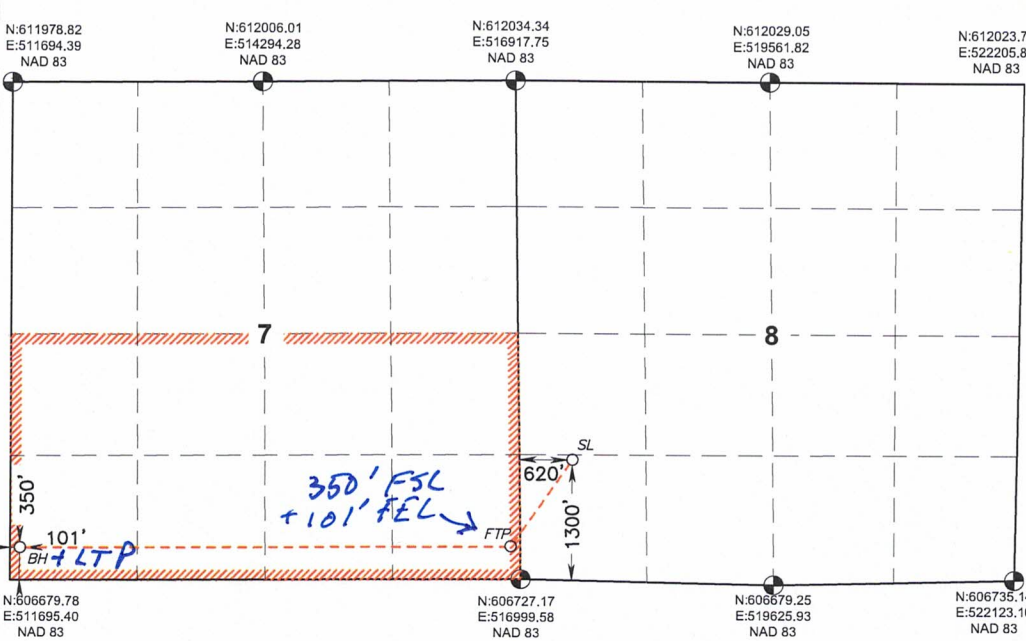
APRIL 17, 2023  
Date of Survey

Signature and Seal of Professional Surveyor



Job No.: 55926 Draft: FH!  
JAMES C. TOMPKINS 27117 DATE: 04/17/2023  
Certificate Number

0' 1000' 2000' 3000' 4000'  
SCALE: 1" = 2000'



The diagram shows a grid of sections 7 and 8. A well location is marked with a red dashed rectangle. The bottom hole location (BHL) is at the intersection of the 101' FEL and 350' FSL lines. The surface location (SL) is 1300' south and 620' west of the BHL. A First Take Point (FTP) is also indicated. Coordinates for the corners of the sections are provided.

**TRACT OWNERSHIP**

Four Mile Draw IL 1H, Four Mile Draw PM 1H, Four Mile Draw PM 2H  
S/2 of Section 7- T19S-R26E, Eddy County, NM

<u>Owner</u>	<u>% of Leasehold</u>	<u>Interest Type</u>
BOC	64.64%	WI
Silverback New Mexico, LLC	30.09%	WI
Cactus Energy, Inc.	0.63%	WI
E3 Energy, Ltd	0.63%	WI
Saguaro Resources, Inc.	0.63%	WI
COG Operating, LLC (COP)	2.97%	Fee Mineral*
Concho Oil and Gas, LLC (COP)	0.16%	Fee Mineral*
Carrol Bennett	0.10%	Fee Mineral
Martha B Cox	0.10%	Fee Mineral
Terri Lee Cicchetti	0.06%	Fee Mineral*
<b>TOTAL</b>	<b>100.00%</b>	

dismissed  
 "

**Total Interest Being Pooled 3.39%**

\* pooled

**OWNERSHIP BY TRACT**

W/2SW of Section 7

<u>Owner</u>	<u>% of Leasehold Interest</u>
Silverback New Mexico, LLC	<u>100%</u>
<b>TOTAL</b>	<b>100%</b>

E/2SW of Section 7

<u>Owner</u>	<u>% of Leasehold Interest</u>
Burnett Oil Company	87.50%
Silverback New Mexico, LLC	<u>12.50%</u>
<b>TOTAL</b>	<b>100.00%</b>

NWSE of Section 7

<u>Owner</u>	<u>% of Leasehold Interest</u>
Burnett Oil Company	<u>100%</u>
<b>TOTAL</b>	<b>100%</b>

SWSE of Section 7

<u>Owner</u>	<u>% of Leasehold Interest</u>
Burnett Oil Company	43.75%
Silverback New Mexico, LLC	16.25%
Cactus Energy, Inc.	5.00%
E3 Energy, Ltd	5.00%
Saguaro Resources, Inc.	5.00%
COG Operating, LLC (COP)	23.75%
Concho Oil and Gas, LLC (COP)	<u>1.25%</u>
<b>TOTAL</b>	<b>100.00%</b>

EXHIBIT A-2

**E2SE of Section 7**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Burnett Oil Company	98.97%
Carrol Bennett	0.40%
Martha B Cox	0.40%
Terri Lee Cicchetti	<u>0.24%</u>
<b>TOTAL</b>	<b>100.00%</b>

## Summary of Communications

**Wells:** Four Mile Draw IL 1H  
Four Mile Draw PM 1H  
Four Mile Draw PM 2H

### Conoco Phillips (COP)

**\*Note\*** Title reports had COG and Concho separately, but after initial offers COP leased the open minerals so they are combined as "COP"

#### COG

1. November 30, 2022, sent offer to lease open minerals. The offer was returned as undeliverable.
2. December 16, 2022, conducted a search and found an additional address. Resent the offer and offer was returned again as undeliverable.
3. January 3, 2022, conducted a search and found a new address. Resent the original offer, proof of delivery attached.
4. February 21, 2023, Mason Maxwell confirms through email that he handles both COG and Concho interest. Email Thread attached.
5. February 27, 2023, Sent Offer to participate. Fedex confirmation attached.
6. April 3, 2023, Mason Maxwell states that COG and Concho leased their minerals to COP

#### Concho

1. February 9, 2023, sent offer to lease open minerals by email to Wade Parks. Was forwarded to Jon-Aaron House and resent the offer. Email thread attached.
2. February 21, 2023, received an email from Mason Maxwell that he received Burnetts offers and is the new point of contact. Email thread attached.
3. March 2, 2023 Concho requests additional info. Email thread attached.
4. April 3, 2023, Mason Maxwell states that COG and Concho leased their minerals to COP and requests draft JOA. Email thread attached.

#### COP – Combined

1. April 4, 2023, sent proposed JOA as well as updated AFE elections to reflect combined interest. Email confirmation attached.
2. April 17, 2023, emailed Mason Maxwell to follow up, he replies that he will look at it as soon as he can. Email thread attached.

### Carrol Bennett

1. January 4, 2023, sent offer letter to lease open minerals based off title research. Proof of delivery is attached.
2. February 8, 2023, sent a follow up offer with the original offer to lease. Ms. Bennet did not claim the package at the USPS and it was returned.

EXHIBIT

A-3

3. February 23, 2023, sent proposal letter with the offer to participate. Fedex Confirmation attached.
4. March 8, 2023, reached out to her brother, Joe Bohannon who had just leased his minerals to us, and he provided a contact number. Called and spoke to Pam Van Bebber, Ms. Bennet's daughter, and she advised that she handled the interest of her mother and her aunt Martha Cox

**Martha B Cox**

1. January 4, 2023, sent offer letter to lease open minerals based off title research. USPS tracking number attached, but the offer was lost in transient.
2. February 16, 2023, resent offer to lease open minerals. Proof of delivery attached
3. February 23, 2023, sent proposal letter with the offer to participate. Fedex Confirmation attached.

**Terri Lee Cicchetti**

1. January 4, 2023, sent offer letter to lease open minerals based off title research. Proof of Delivery is attached.
2. Conducted a search and found phone number.
3. Called Ms. Cicchetti and spoke to her. She said she never received the letter which was signed for by her son RJ Cicchetti.
4. February 16, 2023, resent the offer letter which was signed for by Terri Cicchetti. Proof of delivery attached.
5. February 27, 2023, sent proposal letter with the offer to participate. Proof of delivery attached.



January 3, 2023

Terri Lee Cicchetti  
5135 Bryant Rd.  
Shingle Springs, CA 95682-5113

Re: Oil and Gas Lease Proposal  
E/2 SE/4 of Section 7, T-19S-R26E  
NMA: 0.19047619  
Eddy County, NM

Dear Ms. Cicchetti:

Burnett Oil Company is interested in acquiring an oil and gas lease for your unleased mineral interest in the following described property:

**Township 19 South, Range 26 East, Eddy Co., NM**  
Section 7: E/2 SE/4

In return for a 3-year lease, we are offering a 25% royalty as well as a lease bonus of \$2,000.00 per Net Mineral Acre, for a total of .19047619 NMA x \$2,000.00 = **\$380.95**.

Included herewith you will find a detailed offer as well as a drafted lease for your review and consideration.

Lastly, if you have any questions, I would love to talk with you. I can be reached at (817) 583-8657 or by email at [kpilgrim@burnettoil.com](mailto:kpilgrim@burnettoil.com) Monday through Friday 8:00-5:00. I look forward to hearing from you.

Sincerely,

Kristine Pilgrim  
Land

Burnett Plaza - Suite 1500  
801 Cherry Street - Unit #9

Fort Worth, TX 76102  
(817) 332-5108



January 3, 2023

Terri Lee Cicchetti  
5135 Bryant Rd.  
Shingle Springs, CA 95682-5113

**RE: Oil and Gas Lease Offer**  
**E/2 SE/4 of Section 7, T-19-S, R-26-E**  
**NMA: 0.19047619**  
**Eddy Co., NM**

Dear Ms. Cicchetti:

Please accept this as Burnett Oil Company's formal offer to lease your unleased mineral interest in the captioned lands. The material terms of Burnett's offer are as follows:

- Bonus: \$2,000/NMA
- Term: 3-year primary term (paid up)
- Royalty: 25%

Our offer is subject to 1) title due diligence (which is underway), and 2) a mutually agreeable lease form. Burnett anticipates drilling three horizontal Yeso formation wells across the S/2 of Section 7 as soon as we are able to acquire sufficient interest to secure operations, form a drilling unit, and get APD's. Our bonus offer accounts for the work and risk required to form the drilling unit. Burnett requests a period of thirty (30) days from date hereof for exclusive dealings with you for this interest. During such period, you agree that you will not solicit, contact, or negotiate with others concerning any proposal for the lease of its unleased minerals underlying the captioned lands.

If these terms are acceptable, please sign in the space provided below and return a scan of this letter to the undersigned.

Sincerely,

Kristine Pilgrim

AGREED to and ACCEPTED this \_\_\_ day of January 2023

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Burnett Plaza - Suite 1500  
801 Cherry Street - Unit #9

Fort Worth, TX 76102  
(817) 332-5108



February 27, 2023

Terri Lee Cicchetti  
3535 Bryant Road  
Shingle Springs, CA 75682

RE: Four Mile Draw IL 1H  
Four Mile Draw PM 1H  
Four Mile Draw PM 2H  
Section 7, T-19-S, R-26-E, Eddy County, New Mexico

Dear Sir/Madam:

Under letters dated 1 January 2023 and February 8, 2023, Burnett Oil Company offered to lease your open minerals in the E/2 SE/4 of Section 7, T19S-R26E. Included is a copy of the original offer which is still an available option. As an alternative option, you may elect to participate with your interest in the drilling of the wells in the unit subject to a mutually agreed upon Joint Operating Agreement. Enclosed please find Burnett's well proposal letters along with the respective AFE's for your review.

Subject to BLM approval, Burnett Oil Co., Inc. ("Burnett") hereby proposes the drilling and completion of the following 1 mile horizontal Yeso wells:

- Four Mile Draw IL 1H from a surface location of Unit M, 1340' FSL, 620' FWL, Sec 8, T19S, R26E and a bottom hole location in Unit L, 2300' FSL, 101' FWL, Sec 7, T19S, R26E, Eddy County, New Mexico.
- Four Mile Draw PM 1H from a surface location of Unit M, 1320' FSL, 620' FWL, Sec 8, T19S, R26E and bottom hole location in Unit M, 1300' FSL, 101' FWL, Sec 7, T19S, R26E, Eddy County, New Mexico.
- Four Mile Draw PM 2H from a surface location of Unit M, 1300' FSL, 620' FWL, Sec 8, T19S, R26E and a bottom hole location in Unit M, 350' FSL, 101' FWL, Sec 7, T19S, R26E, Eddy County, New Mexico.





If you wish to participate in the drilling and completion of the captioned wells, please so indicate by signing the AFE(s) and returning the same to the undersigned within thirty (30) days of your receipt hereof. You should also include any well data requirements with your election.

If you do not wish to participate in the drilling and completion of either or both of the captioned wells, please contact us to discuss alternate arrangements for your interest.

Thank you for your attention to this matter. Please do not hesitate to contact us should you have any questions.

Sincerely,  
BURNETT OIL CO., INC.

A handwritten signature in blue ink, appearing to read "Kristine Pilgrim Landman".

Kristine Pilgrim  
Landman

Enclosures



February 27, 2023

Via Certified Mail

Terri Lee Cicchetti  
3535 Bryant Road  
Shingle Springs, CA 75682

RE: Four Mile Draw IL 1H  
Eddy County, New Mexico

Dear Sir/Madam:

Burnett Oil Co., Inc. (BOCI) proposes to drill and complete a one (1) mile horizontal Yeso well. Attached is BOC's AFE further detailing the proposed work. Please indicate your approval by signing a copy of this letter and the enclosed AFE and emailing the signed AFE along with returning all originals to my attention as soon as possible.

**Please note that there are two elections: a) an election to participate in the proposed operation, and b) an election to participate in BOCI's Control of Well Insurance.** This insurance covers the expenses involved in controlling a blowout, costs of re-drilling the well to the depth reached prior to the blowout, costs of cleanup and containment, and pollution and contamination damages. (This is a brief description, and the exact terms can be found only in the policy.) The limit of insurance is \$10,000,000 per occurrence. Please indicate your approval by signing a copy of this letter and the enclosed AFE and returning both originals as soon as possible to my attention.

Any non-operating working interest owner may be covered under BOCI's policy by so indicating below and returning a copy of this letter to Burnett. Failure to respond to this letter will result in our assumption that you do desire coverage, and you will be billed accordingly. If you are presently covered by your own policy, please provide us with a copy of your Certificate of Insurance for our files.

Thank you for your attention to this matter. Should you have any questions, please do not hesitate to contact Tyler Deans at (432) 553-4699.

Sincerely,

Kristine Pilgrim  
Landman

Enclosures

Burnett Plaza - Suite 1500  
801 Cherry Street - Unit #9

Fort Worth, TX 76102  
(817) 332-5108

February 27, 2023

Page 2

**Participation:**

\_\_\_\_\_ The undersigned elects to participate in the proposed operation and pay our proportionate share of the cost of the subject well.

\_\_\_\_\_ The undersigned elects not to participate in the proposed operation of the subject well.

**Well Control Insurance:**

\_\_\_\_\_ We desire to be covered under BOCI's Well Control Insurance and understand a pro-rata premium will be charged to us.

\_\_\_\_\_ We do not desire to be covered under BOCI's Well Control Insurance and will provide a copy of our Certificate of Insurance evidencing said coverage.

Terri Lee Cicchetti

Signed: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



February 27, 2023

Via Certified Mail

Terri Lee Cicchetti  
3535 Bryant Road  
Shingle Springs, CA 75682

RE: Four Mile Draw PM 1H  
Eddy County, New Mexico

Dear Sir/Madam:

Burnett Oil Co., Inc. (BOCI) proposes to drill and complete a one (1) mile horizontal Yeso well. Attached is BOC's AFE further detailing the proposed work. Please indicate your approval by signing a copy of this letter and the enclosed AFE and emailing the signed AFE along with returning all originals to my attention as soon as possible.

**Please note that there are two elections: a) an election to participate in the proposed operation, and b) an election to participate in BOC's Control of Well Insurance.** This insurance covers the expenses involved in controlling a blowout, costs of re-drilling the well to the depth reached prior to the blowout, costs of cleanup and containment, and pollution and contamination damages. (This is a brief description, and the exact terms can be found only in the policy.) The limit of insurance is \$10,000,000 per occurrence. Please indicate your approval by signing a copy of this letter and the enclosed AFE and returning both originals as soon as possible to my attention.

Any non-operating working interest owner may be covered under BOC's policy by so indicating below and returning a copy of this letter to Burnett. Failure to respond to this letter will result in our assumption that you do desire coverage, and you will be billed accordingly. If you are presently covered by your own policy, please provide us with a copy of your Certificate of Insurance for our files.

Thank you for your attention to this matter. Should you have any questions, please do not hesitate to contact Tyler Deans at (432) 553-4699.

Sincerely,

Kristine Pilgrim  
Landman

Enclosures

Burnett Plaza - Suite 1500  
801 Cherry Street - Unit #9

Fort Worth, TX 76102  
(817) 332-5108

February 27, 2023

Page 2

**Participation:**

\_\_\_\_\_ The undersigned elects to participate in the proposed operation and pay our proportionate share of the cost of the subject well.

\_\_\_\_\_ The undersigned elects not to participate in the proposed operation of the subject well.

**Well Control Insurance:**

\_\_\_\_\_ We desire to be covered under BOCI's Well Control Insurance and understand a pro-rata premium will be charged to us.

\_\_\_\_\_ We do not desire to be covered under BOCI's Well Control Insurance and will provide a copy of our Certificate of Insurance evidencing said coverage.

Terri Lee Cicchetti

Signed: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



February 27, 2023

Terri Lee Cicchetti  
3535 Bryant Road  
Shingle Springs, CA 75682

Via Certified Mail

RE: Four Mile Draw PM 2H  
Eddy County, New Mexico

Dear Sir/Madam:

Burnett Oil Co., Inc. (BOCI) proposes to drill and complete a one (1) mile horizontal Yeso well. Attached is BOC's AFE further detailing the proposed work. Please indicate your approval by signing a copy of this letter and the enclosed AFE and emailing the signed AFE along with returning all originals to my attention as soon as possible.

**Please note that there are two elections: a) an election to participate in the proposed operation, and b) an election to participate in BOCI's Control of Well Insurance.** This insurance covers the expenses involved in controlling a blowout, costs of re-drilling the well to the depth reached prior to the blowout, costs of cleanup and containment, and pollution and contamination damages. (This is a brief description, and the exact terms can be found only in the policy.) The limit of insurance is \$10,000,000 per occurrence. Please indicate your approval by signing a copy of this letter and the enclosed AFE and returning both originals as soon as possible to my attention.

Any non-operating working interest owner may be covered under BOCI's policy by so indicating below and returning a copy of this letter to Burnett. Failure to respond to this letter will result in our assumption that you do desire coverage, and you will be billed accordingly. If you are presently covered by your own policy, please provide us with a copy of your Certificate of Insurance for our files.

Thank you for your attention to this matter. Should you have any questions, please do not hesitate to contact Tyler Deans at (432) 553-4699.

Sincerely,

Kristine Pilgrim  
Landman

Enclosures

Burnett Plaza - Suite 1500  
801 Cherry Street - Unit #9

Fort Worth, TX 76102  
(817) 332-5108

February 27, 2023

Page 2

**Participation:**

\_\_\_\_\_ The undersigned elects to participate in the proposed operation and pay our proportionate share of the cost of the subject well.

\_\_\_\_\_ The undersigned elects not to participate in the proposed operation of the subject well.

**Well Control Insurance:**

\_\_\_\_\_ We desire to be covered under BOCI's Well Control Insurance and understand a pro-rata premium will be charged to us.

\_\_\_\_\_ We do not desire to be covered under BOCI's Well Control Insurance and will provide a copy of our Certificate of Insurance evidencing said coverage.

Terri Lee Cicchetti

Signed: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_





**BURNETT OIL CO., INC.**  
**AUTHORITY FOR EXPENDITURE - COST ESTIMATE**

DATE: 2/17/2023	LEASE: Four Mile Draw	WELL #: PM 1H	AFE #:
OPERATOR: Burnett Oil Co., Inc.	LOCATION:		PROPERTY #:
COUNTY/STATE: Eddy County, NM	SL: Unit M, 1320' FSL, 620' FWL, Sec 8, T19S, R26E		FED LEASE #:
PROSPECT/FIELD: Penasco Draw	BH: Unit M, 1300' FSL, 101' FWL, Sec 7, T19S, R26E		FORMATION: Yeso-UBB
RECOMMENDATION: Drill & complete a 1 mile horizontal Yeso well	TD: MD: 8,878'	TVD: 3,066'	API #: TBD
Surface location dictated by Sand Dune Lizard habitat, existing infrastructure and offset operator activity			

INTANGIBLE COSTS:						DRILL	COMPL.	TOTAL
5830.10	5850.00	LOCATION & ROADWAY (RAT HOLE, ETC)				89,500	11,500	101,000
5830.47	5850.47	PERMITTING & REGULATORY				26,000	0	26,000
5830.15		LOCATION & ROADWAY RESTORATION					0	0
5830.23	5850.23	RIG MOVE-RIG UP, RIG DOWN				114,000	0	114,000
5830.20	5850.21	CONTRACT RATE-FTG/TURNKEY		FEET @	PER FOOT		0	0
5830.21	5850.21	CONTRACT RATE/DAYWORK	7	DAYS @	PER DAY	136,500	0	136,500
5830.20	5850.20	COMPLETION, WORKOVER UNIT	9	DAYS @	PER DAY		90,000	90,000
5830.26	5850.26	BITS AND STABILIZERS				33,500	5,000	38,500
5830.22	5850.22	FUEL, LUBRICANTS				32,200	0	32,200
5830.60	5850.60	TRUCKING AND TRANSPORTATION				10,500	25,000	35,500
5830.30	5850.30	MUD, CHEMICALS, COMPLETION FLUIDS & CUTTINGS DISPOSAL				104,000	0	104,000
5830.32	5850.32	WATER				65,000	285,000	350,000
5830.50	5850.50	PRIMARY CEMENTING (Incl. Equip.)		No KO plug		61,000	100,000	161,000
5830.50	5850.50	SQUEEZE CEMENTING						0
5830.44		CORING AND CORE ANALYSIS						0
5830.46		MUD LOGGING	7	DAYS @	\$2,000 PER DAY	14,000		14,000
5830.42		DRILL STEM TESTING						0
5830.40		OPEN HOLE LOGGING						0
	5850.40	PERFORATING AND CASING HOLE LOGS					148,000	148,000
5830.76	5850.76	CASING CREWS, TONGS, HANDLING TOOLS				20,000	15,000	35,000
5830.24	5850.24	SURFACE EQUIPMENT RENTALS				93,100	120,200	213,300
5830.29	5850.29	DOWNHOLE EQUIPMENT RENTALS				26,100	155,000	181,100
5830.76	5850.76	MISCELLANEOUS LABOR				33,100	3,600	36,700
	5850.10	ACIDIZING					0	0
	5850.15	FRACTURING					1,830,900	1,830,900
	5850.65	WELL TESTING (FLWBCK, BHP, ETC)					0	0
	5850.78	CONTRACT LABOR						0
5830.37		DIRECTIONAL DRILLING				76,100		76,100
5830.27	5830.27	FISHING RENTAL AND SERVICES						0
5830.71	5850.71	SUPERVISION	9	DAYS @	\$3,500 PER DAY	31,500	42,000	73,500
5830.72	5830.72	OPERATING OVERHEAD				9,300		9,300
5830.80	5850.80	OTHER / CONTINGENCIES	Drill	10.00%	Completion	8.00%	90,600	228,600
5830.55		PLUGGING EXPENSE						0
5830.84	5850.84	INSURANCE				3,200		3,200
<b>TOTAL DRILLING AND COMPLETION INTANGIBLE COSTS:</b>						<b>\$1,075,200</b>	<b>\$3,058,900</b>	<b>4,134,000</b>
TANGIBLE COSTS:								
840.10		CASING, DRIVE / CONDUCTOR	90	16"	included in Location Cost			0
840.10		CASING, SURFACE	1,300	6-5/8"	36# J-55 L&C	63,200		63,200
840.15		CASING, PROTECTION/INTERMED				0		0
860.10		CASING, PROD. PACKER COMPLETION	8,878	7" x 5-1/2"	20# & 17# P-110		360,100	360,100
860.15		TUBING	3,000	2-7/8"	6.5# J-55		46,900	46,900
840.20		WELL HEAD TO CASING POINT				55,000		55,000
860.20		CHRISTMAS TREE ASSEMBLY - COMPLETION					25,000	25,000
<b>TOTAL DRILLING AND COMPLETION TANGIBLE COSTS:</b>						<b>\$118,200</b>	<b>\$432,000</b>	<b>\$550,200</b>
<b>TOTAL DRILLING AND COMPLETION COSTS:</b>						<b>\$1,193,400</b>	<b>\$3,490,900</b>	<b>\$4,684,200</b>
LEASE EQUIPMENT COSTS:								
870.20		TANKS, HEATERS, TREATING FACILITIES					0	0
870.22		SEPARATOR & HEATER TREATER					0	0
870.23		COMPRESSOR & DEHYDRATOR					0	0
870.53		FLOW LINE AND INSTALLATION					10,000	10,000
870.25		PERM. IMPROVEMENTS (GATES, FENCES, ETC.)					0	0
870.13		RODS	3000	3/4", 7/8" & 1"	Grade D	\$	0	0
870.15		SUBSURFACE PRODUCTION EQUIPMENT					0	0
870.10		PUMPING (SURFACE) UNIT & EQUIP					0	0
870.11		PUMP BASE & TIE DOWNS					0	0
870.14		MISCELLANEOUS VALVES, FITTINGS, SAFETY EQUIPMENT					5,000	5,000
870.17		INSTALLATION COSTS					0	0
870.70		SUPERVISION					0	0
		OTHER				5.00%	800	800
<b>TOTAL LEASE EQUIPMENT COSTS:</b>						<b>\$0</b>	<b>\$15,800</b>	<b>\$15,800</b>
LEASEHOLD COSTS:								
810.35		TITLE FEES					0	0
<b>TOTAL LEASEHOLD COSTS:</b>						<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL WELL COST:</b>						<b>\$1,193,400</b>	<b>\$3,506,600</b>	<b>\$4,700,000</b>
<b>TOTAL DRY HOLE COST:</b>						<b>\$1,291,800</b>	<b>\$259,300</b>	<b>\$1,551,100</b>
						<b>GRT 8.2500%</b>	<b>\$98,500</b>	<b>\$387,800</b>
<b>TOTAL WELL COST:</b>						<b>\$1,291,800</b>	<b>\$3,705,900</b>	<b>\$5,087,800</b>
<b>TOTAL DRY HOLE COST:</b>						<b>\$1,291,800</b>	<b>\$3,705,900</b>	<b>\$5,087,800</b>

DIVISION OF INTEREST:  
Term Closes: 0 000596834

APPROVED BY BURNETT OIL CO., INC.   
SIGNATURE: KEITH GORBETT, PRESIDENT  
DATE: 2-23-23

APPROVED: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
NAME: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

BURNETT OIL CO., INC.  
 AUTHORITY FOR EXPENDITURE - COST ESTIMATE


DATE: 2/17/2023 LEASE: Four Mile Draw WELL #: PM 2H AFE #:  
 OPERATOR: Burnett Oil Co., Inc. LOCATION: PROPERTY #:  
 COUNTY/STATE: Eddy County, NM SL: Unit M, 1300' FSL, 620' FWL, Sec 8, T19S, R26E FED LEASE #:  
 PROSPECT/FIELD: Penasco Draw BHL: Unit M, 350' FSL, 101' FWL, Sec 7, T19S, R26E FORMATION: Yeso - UBB  
 RECOMMENDATION: Drill & complete a 1 mile horizontal Yeso well TD: MD: 9,040' TVD: 3,085' API #: TBD

Surface location dictated by Sand Dune Lizard habitat, existing infrastructure and offset operator activity

INTANGIBLE COSTS:						DRILL	COMPL	TOTAL	
5830.10	5850.06	LOCATION & ROADWAY (RAT HOLE, ETC)				89,500	11,500	101,000	
5830.47	5850.47	PERMITTING & REGULATORY				26,000	0	26,000	
5830.15		LOCATION & ROADWAY RESTORATION					0	0	
5830.23	5850.23	RIG MOVE-RIG UP, RIG DOWN				107,000	0	107,000	
5830.20	5850.21	CONTRACT RATE-FGT/TURNKEY		FEET @	PER FOOT		0	0	
5830.21	5850.21	CONTRACT RATE/DAYWORK	7	DAYS @	\$16,000 PER DAY	112,000	0	112,000	
5830.20	5850.20	COMPLETION, WORKOVER UNIT	9	DAYS @	\$10,000 PER DAY		90,000	90,000	
5830.26	5850.26	BITS AND STABILIZERS				33,500	5,000	38,500	
5830.22	5850.22	FUEL, LUBRICANTS				32,200	0	32,200	
5830.60	5850.60	TRUCKING AND TRANSPORTATION				10,500	25,000	35,500	
5830.30	5850.30	MUD, CHEMICALS, COMPLETION FLUIDS & CUTTINGS DISPOSAL				104,000	0	104,000	
5830.32	5850.32	WATER				65,000	285,000	350,000	
5830.50	5850.50	PRIMARY CEMENTING (incl. Equip.)		No KO plug		81,000	100,000	181,000	
5830.50	5850.50	SQUEEZE CEMENTING					0	0	
5830.44		CORING AND CORE ANALYSIS					0	0	
5830.46		MUD LOGGING	7	DAYS @	\$2,000 PER DAY	14,000		14,000	
5830.42		DRILL STEM TESTING					0	0	
5830.40		OPEN HOLE LOGGING					0	0	
	5850.40	PERFORATING AND CASING HOLE LOGS					149,000	149,000	
5830.76	5850.76	CASING CREWS, TONGS, HANDLING TOOLS				20,000	15,000	35,000	
5830.24	5850.24	SURFACE EQUIPMENT RENTALS				63,100	120,200	213,300	
5830.29	5850.29	DOWNHOLE EQUIPMENT RENTALS				28,100	155,000	183,100	
5830.76	5850.76	MISCELLANEOUS LABOR				33,700	3,600	36,700	
	5850.10	ACIDIZING					0	0	
	5850.15	FRACTURING					1,830,900	1,830,900	
	5850.65	WELL TESTING (FLWBCK, BHP, ETC)					0	0	
	5850.78	CONTRACT LABOR					0	0	
5830.37		DIRECTIONAL DRILLING				76,100		76,100	
5830.27	5850.27	FISHING RENTAL AND SERVICES					0	0	
5830.71	5850.71	SUPERVISION	9	DAYS @	\$3,500 PER DAY	31,500	42,000	73,500	
5830.72	5850.72	OPERATING OVERHEAD				9,300		9,300	
5830.80	5850.80	OTHER / CONTINGENCIES	Drill	10.00%	Completion	8.00%	93,500	226,600	320,100
5830.55		PLUGGING EXPENSE					0	0	
5830.84	5850.84	INSURANCE				3,700		3,700	
<b>TOTAL DRILLING AND COMPLETION INTANGIBLE COSTS:</b>						<b>\$1,041,100</b>	<b>\$3,058,900</b>	<b>4,099,900</b>	
TANGIBLE COSTS:						FEET	SIZE "OD	WEIGHT / GRADE	
840.10		CASING, DRIVE / CONDUCTOR	90	16"	Included in Location Cost			0	
840.10		CASING, SURFACE	1,300	9-5/8"	36# J-55 LT4C	63,200		63,200	
840.15		CASING, PROTECTION/INTERMED				0		0	
860.10		CASING, PROD. PACKER COMPLETION	9,040	7" x 5-1/2"	20# & 17# P-110		365,900	365,900	
860.15		TUBING	3,000	2-7/8"	8.5# J-55		46,900	46,900	
840.20		WELL HEAD TO CASING POINT				55,000		55,000	
860.20		CHRISTMAS TREE ASSEMBLY - COMPLETION					25,000	25,000	
<b>TOTAL DRILLING AND COMPLETION TANGIBLE COSTS:</b>						<b>\$118,200</b>	<b>\$437,800</b>	<b>\$556,000</b>	
<b>TOTAL DRILLING AND COMPLETION COSTS:</b>						<b>\$1,159,300</b>	<b>\$3,496,700</b>	<b>\$4,655,900</b>	
LEASE EQUIPMENT COSTS:									
870.20		TANKS, HEATERS, TREATING FACILITIES					0	0	
870.22		SEPARATOR & HEATER TREATER					0	0	
870.23		COMPRESSOR & DEHYDRATOR					0	0	
870.53		FLOW LINE AND INSTALLATION					10,000	10,000	
870.25		PERM. IMPROVEMENTS (GATES, FENCES, ETC.)					0	0	
870.13		RODS	5000	3/4", 7/8" & 1"	Grade 61	\$		0	
870.15		SUBSURFACE PRODUCTION EQUIPMENT					0	0	
870.10		PUMPING (SURFACE) UNIT & EQUIP					0	0	
870.11		PUMP BASE & TIE DOWNS					0	0	
870.14		MISCELLANEOUS VALVES, FITTINGS, SAFETY EQUIPMENT					5,000	5,000	
870.17		INSTALLATION COSTS					0	0	
870.70		SUPERVISION					0	0	
		OTHER				5.00%	800	800	
<b>TOTAL LEASE EQUIPMENT COSTS:</b>						<b>\$0</b>	<b>\$15,800</b>	<b>\$15,800</b>	
LEASEHOLD COSTS:									
810.35		TITLE FEES					0	0	
<b>TOTAL LEASEHOLD COSTS:</b>						<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL WELL COST:</b>						<b>\$5,057,100</b>	<b>\$95,600</b>	<b>\$5,152,700</b>	
<b>TOTAL DRY HOLE COST:</b>						<b>\$1,254,900</b>	<b>\$289,800</b>	<b>\$1,544,700</b>	
<b>TOTAL COST:</b>						<b>\$6,312,000</b>	<b>\$385,400</b>	<b>\$6,697,400</b>	

DIVISION OF INTEREST:  
 Tom Cochran 0.0005958 1%

APPROVED-  
 COMPANY: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

APPROVED BY BURNETT OIL CO., INC.   
 SIGNATURE: \_\_\_\_\_  
 KEITH CORBETT, PRESIDENT  
 DATE: 2-23-23

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

APPLICATION OF BURNETT OIL CO., INC.  
FOR COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.

Case No. 23695

SELF-AFFIRMED STATEMENT OF TREY CORTEZ

Trey Cortez deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a senior geologist for Burnett Oil Co., Inc. ("Burnett"), and I am familiar with the geological matters involved in this case. I have not been qualified by the Division as an expert petroleum geologist. My educational and employment background is as follows:
  - B.S. in Geology, University of Texas at Arlington received in August of 2009
  - M.S. in Petroleum Geology, University of Texas at Arlington received in May of 2012.
  - 11 years of experience working as a staff geologist for Encana, ENXP and Burnett Oil.
3. The following plats are attached hereto regarding the proposed Four Mile Draw Yeso wells in the S/2 of Section 7, Township 19 South, Range 26 East, NMPM:
  - (a) Exhibit B-1 is a general location map of the proposed horizontal spacing unit ("HSU"), which is outlined by a red box within the Northwest Shelf play.
  - (b) Exhibit B-2 is a structure map on the top of the Yeso formation with a contour interval of 50 feet. The map shows that structure dips gently to the northwest across the entire HSU. It also shows a line of cross-section A-A' and the HSU with the proposed well paths for the Four Mile Draw IL 1H, Four Mile Draw PM 1H, and Four Mile Draw PM 2H wells.
  - (c) Exhibit B-3 is a northwest to southeast cross section. The well logs on the cross-section give a representative sample of the Yeso formation in this area. The formation is continuous and uniformly thick across the HSU and indicated by color fill. The landing zone is also indicated by a yellow arrow.
  - (d) Exhibit B-4 is a table containing production data from other Yeso wells drilled in the vicinity of the proposed wells, as well as their correlative productive target designations. There is a preference for laydown wells, although economic standup wells have been drilled. Completed wells in the area (recent completions) are apparently commercial.

EXHIBIT

B

4. There are no depth severances in the Yeso formation in the HSU.
  
5. I conclude from the maps that:
  - (a) The HSU is justified from a geologic standpoint.
  - (b) Each quarter-quarter section in the HSU will contribute more or less equally to production.
  - (c) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.
  
6. B-5 contains horizontal drilling plans for the proposed wells. The producing intervals of the wells will be orthodox.
  
7. Exhibits B-1 through B-5 were either prepared by me or compiled from company business records.

I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 7 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 8-1-23

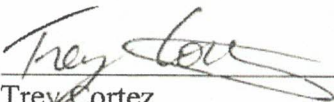
  
Trey Cortez

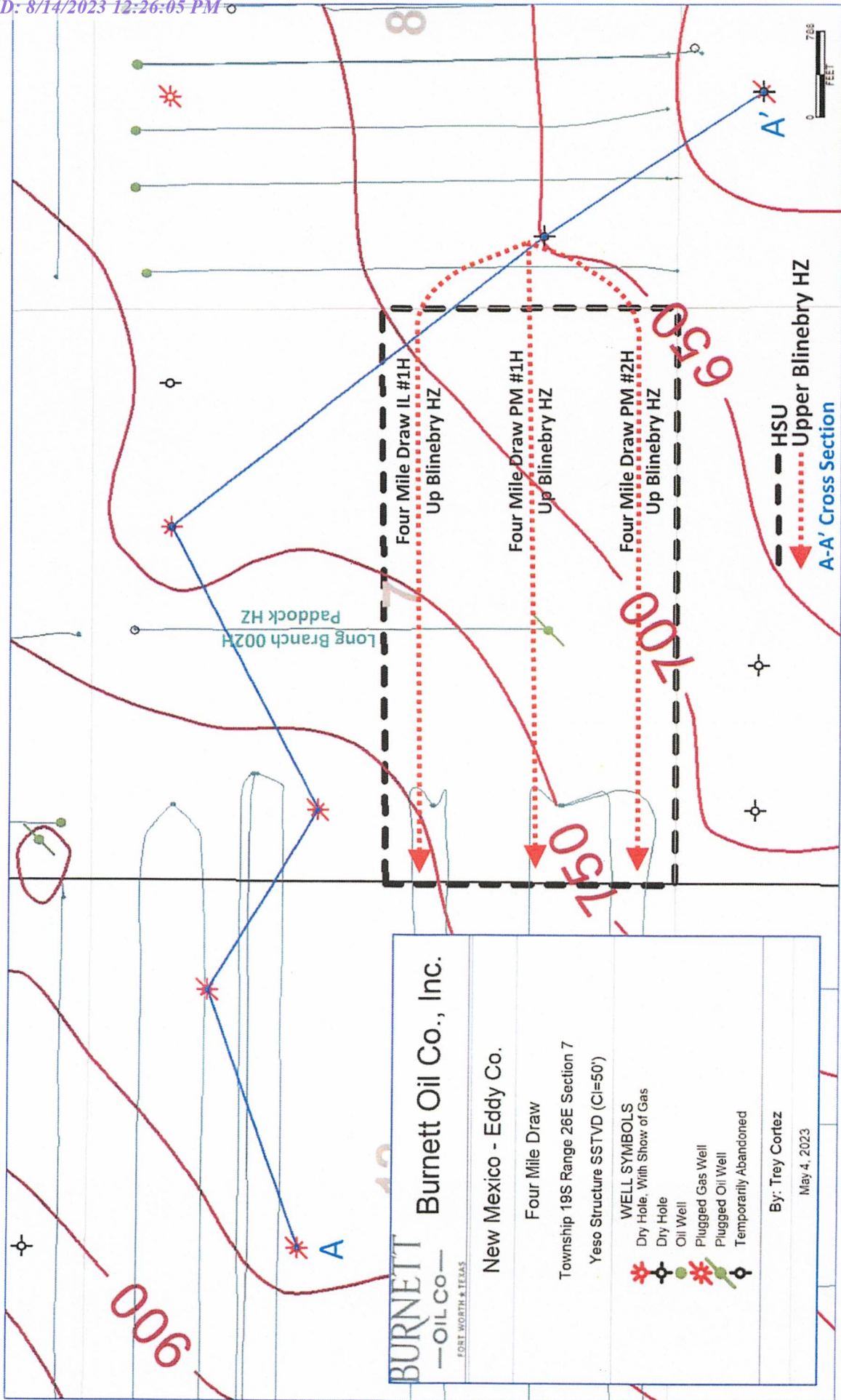
Exhibit B-1

# New Mexico

Four Mile Draw Locator Map



Exhibit B-2



# Exhibit B-3

**A**

30015235480000  
\*  
GLASS #1  
ANADARKO PRODUCTION CO  
KB 3.414  
T1SS R25E S12

30015259910000  
\*  
ROSE '12A' #001  
PERCUSSION PETROLEUM OPERATING LLC  
KB 3.411  
T1SS R25E S12

30015238760000  
\*  
GLASS '7E' #1  
NEARBURG PRODUCING CO  
KB 3.397  
T1SS R25E S7

30015223210000  
\*  
SECRET ET AL #001  
SPUR ENERGY PARTNERS LLC  
KB 3.392  
T1SS R25E S7

30015259700000  
\*  
MUCHAS MUJERES '0L' #1  
NEARBURG PROD CO  
KB 3.390  
T1SS R25E S8

30015103380000  
\*  
SANTA FE LD JOURNAL #1  
MCFARLAND CORP  
KB 3.355  
T1SS R25E S17

<2.521FT>

<1.926FT>

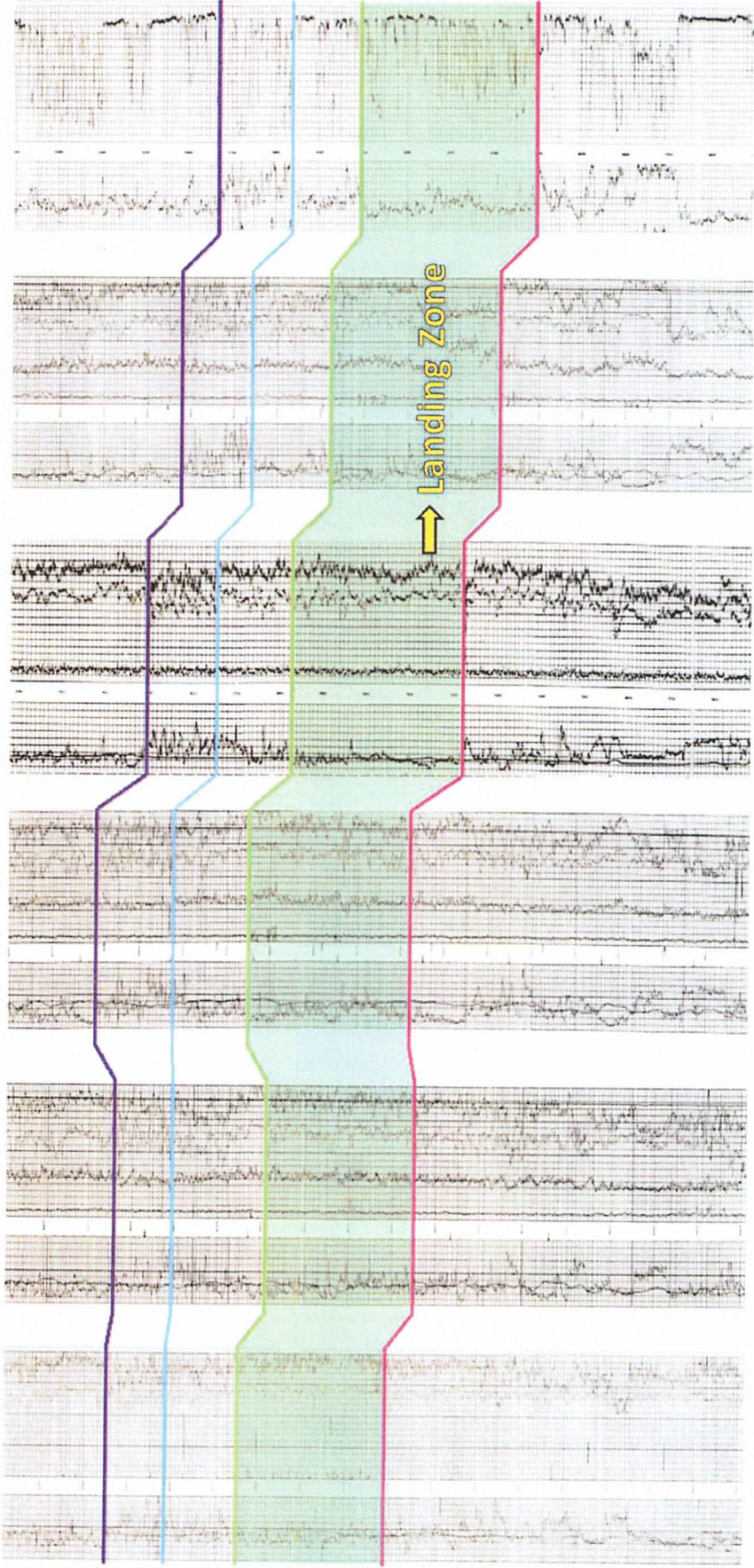
<2.916FT>

<4.316FT>

<2.389FT>

**A'**

Surfaces  
Depth (ft)  
1200 -  
1100 -  
1000 -  
900 -  
800 -  
700 -  
600 -  
500 -  
400 -  
300 -  
200 -  
100 -  
0 -  
-100 -  
-200 -  
-300 -  
-400 -  
-500 -



# Exhibit B-4

**Four Mile Draw Project Offset Yeso Horizontal Production Table**

Well Name	Operator	UWI/API	TOWNSHIP	RANGE	SECTION	COMP_DATE	CUMOIL	CUMGAS	CUMWTR	NS/EW	PROD_FM
CLYDESDALE 1 FEE #8H	SPUR ENERGY PARTNERS	30015433870000	19S	25E	1	11/14/2016	103653	120157	651793	EW	Upper UBB
LONG BRANCH #002H	MARATHON OIL PERMIAN	30015385190000	19S	26E	7	3/14/2012	1398	187	76120	NS	Paddock
ROSE #002H	SPUR ENERGY PARTNERS	30015451130000	19S	26E	7	11/7/2018	101913	90944	829456	EW	Upper UBB
ROSE #003H	SPUR ENERGY PARTNERS	30015451140000	19S	26E	7	11/7/2018	194495	122214	1205218	EW	Middle UBB
ROSE #004H	SPUR ENERGY PARTNERS	30015457960000	19S	26E	7	11/1/2019	91969	144671	803473	EW	LBB
ROSE #005H	SPUR ENERGY PARTNERS	30015457970000	19S	26E	7	11/1/2019	91701	283871	596662	EW	Paddock
ROSE #006H	SPUR ENERGY PARTNERS	30015458030000	19S	26E	7	11/1/2019	78223	116082	543736	EW	LBB
ROSE SOUTH #051H	SPUR ENERGY PARTNERS	30015486400000	19S	26E	7	11/3/2021	32683	95090	681738	EW	LBB
ROSE SOUTH #050H	SPUR ENERGY PARTNERS	30015486410000	19S	26E	7	11/1/2021	89596	98233	888378	EW	LBB
ROSE SOUTH #010H	SPUR ENERGY PARTNERS	30015486420000	19S	26E	7	11/1/2021	148918	197698	465094	EW	Upper UBB
ROSE SOUTH #020H	SPUR ENERGY PARTNERS	30015486430000	19S	26E	7	11/3/2021	204093	246312	727710	EW	Lower UBB
ROSE SOUTH #011H	SPUR ENERGY PARTNERS	30015486440000	19S	26E	7	11/3/2021	112518	207074	540811	EW	Upper UBB
BRADLEY 8 FEE #002H	SPUR ENERGY PARTNERS	30015398110000	19S	26E	8	6/14/2013	82051	159591	236121	NS	Upper UBB
BRADLEY 8 FEE #3H	SPUR ENERGY PARTNERS	30015398120000	19S	26E	8	10/20/2014	169897	272396	309444	NS	Paddock
BRADLEY 8 FEE #4H	SPUR ENERGY PARTNERS	30015398130000	19S	26E	8	12/19/2014	141747	226992	459177	NS	Upper UBB
BRADLEY 8 FEE #1H	SPUR ENERGY PARTNERS	30015411620000	19S	26E	8	7/19/2013	62133	125569	245464	NS	Upper UBB
BRADLEY 8 FEE #7H	SPUR ENERGY PARTNERS	30015428860000	19S	26E	8	4/24/2015	124744	164674	286539	NS	Upper UBB
BRADLEY 8 FEE #8H	SPUR ENERGY PARTNERS	30015429780000	19S	26E	8	10/28/2015	116519	198275	436313	NS	Upper UBB
BRADLEY 8 FEE #5H	SPUR ENERGY PARTNERS	30015430040000	19S	26E	8	5/31/2016	105907	197447	338231	NS	Upper UBB
STONEWALL 9 FEE #001	SPUR ENERGY PRTRN LL	30015409250100	19S	26E	9	7/15/2013	84512	203971	535299	NS	Upper UBB
BRADLEY 8 FEE #26H	SPUR ENERGY PRTRN LL	30015427570100	19S	26E	17	1/19/2015	50541	153091	728790	NS	Lower LBB
ARABIAN 6 FEE #10H	SPUR ENERGY PARTNERS	30015420040000	18S	26E	31	6/13/2014	27135	29655	1466702	NS	Paddock



# **Burnett Oil Company, Inc.**

**Eddy County, NM (NAD 27)**

**Sec 8-T19S-R26E**

**Four Mile Draw IL 1H**

**Wellbore #1**

**Plan: Plan #1 NAD 27**

## **Standard Planning Report**

**20 June, 2023**

EXHIBIT

B-5

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw IL 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3370+17 @ 3387.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3370+17 @ 3387.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw IL 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

<b>Project</b>	Eddy County, NM (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico East 3001		

<b>Site</b>	Sec 8-T19S-R26E				
<b>Site Position:</b>		<b>Northing:</b>	607,979.40 usft	<b>Latitude:</b>	32° 40' 17.084 N
<b>From:</b>	Map	<b>Easting:</b>	476,347.80 usft	<b>Longitude:</b>	104° 24' 36.711 W
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	-0.04 °

<b>Well</b>	Four Mile Draw IL 1H					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	607,979.40 usft	<b>Latitude:</b>	32° 40' 17.084 N
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	476,347.80 usft	<b>Longitude:</b>	104° 24' 36.711 W
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	3,370.0 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	06/20/23	6.73	60.26	47,495.41502494

<b>Design</b>	Plan #1 NAD 27			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	279.31

<b>Plan Survey Tool Program</b>	<b>Date</b>	06/20/23		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.0	9,077.3	Plan #1 NAD 27 (Wellbore #1)	MWD OWSG MWD - Standard

<b>Plan Sections</b>											
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	<b>TFO (°)</b>	<b>Target</b>	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00		
2,350.0	0.00	0.00	2,350.0	0.0	0.0	0.00	0.00	0.00	0.00		
3,150.9	80.09	349.79	2,914.4	466.8	-84.1	10.00	10.00	0.00	349.79		
3,204.6	80.09	349.79	2,923.7	518.9	-93.5	0.00	0.00	0.00	0.00		
4,009.9	90.50	269.49	3,003.0	985.1	-663.5	10.00	1.29	-9.97	-87.82	FTP Four Mile Draw II	
9,077.3	90.50	269.49	2,959.0	939.9	-5,730.5	0.00	0.00	0.00	0.00	BHL Four Mile Draw	

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw IL 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3370+17 @ 3387.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3370+17 @ 3387.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw IL 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,350.0	0.00	0.00	2,350.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
<b>KOP BLD 10°/100'</b>										
2,400.0	5.00	349.79	2,399.9	2.1	-0.4	0.7	10.00	10.00	0.00	0.00
2,450.0	10.00	349.79	2,449.5	8.6	-1.5	2.9	10.00	10.00	0.00	0.00
2,500.0	15.00	349.79	2,498.3	19.2	-3.5	6.5	10.00	10.00	0.00	0.00
2,550.0	20.00	349.79	2,546.0	34.0	-6.1	11.5	10.00	10.00	0.00	0.00
2,600.0	25.00	349.79	2,592.1	52.8	-9.5	17.9	10.00	10.00	0.00	0.00
2,650.0	30.00	349.79	2,636.5	75.5	-13.6	25.7	10.00	10.00	0.00	0.00
2,700.0	35.00	349.79	2,678.6	102.0	-18.4	34.6	10.00	10.00	0.00	0.00
2,750.0	40.00	349.79	2,718.3	131.9	-23.8	44.8	10.00	10.00	0.00	0.00
2,800.0	45.00	349.79	2,755.1	165.2	-29.7	56.1	10.00	10.00	0.00	0.00
2,850.0	50.00	349.79	2,788.9	201.4	-36.3	68.4	10.00	10.00	0.00	0.00
2,900.0	55.00	349.79	2,819.3	240.5	-43.3	81.7	10.00	10.00	0.00	0.00
2,950.0	60.00	349.79	2,846.2	281.9	-50.8	95.7	10.00	10.00	0.00	0.00
3,000.0	65.00	349.79	2,869.3	325.6	-58.6	110.6	10.00	10.00	0.00	0.00
3,050.0	70.00	349.79	2,888.4	371.0	-66.8	126.0	10.00	10.00	0.00	0.00
3,100.0	75.00	349.79	2,903.4	417.9	-75.3	141.9	10.00	10.00	0.00	0.00
3,150.9	80.09	349.79	2,914.4	466.8	-84.1	158.5	10.00	10.00	0.00	0.00
<b>EOB HLD 80.09° Inc.</b>										
3,204.6	80.09	349.79	2,923.7	518.9	-93.5	176.2	0.00	0.00	0.00	0.00
<b>CoNT BLD &amp; TRN 10°/100'</b>										
3,250.0	80.29	345.19	2,931.4	562.6	-103.1	192.8	10.00	0.45	-10.14	
3,300.0	80.59	340.13	2,939.7	609.6	-117.8	214.9	10.00	0.59	-10.12	
3,350.0	80.95	335.07	2,947.7	655.2	-136.6	240.9	10.00	0.74	-10.10	
3,400.0	81.39	330.03	2,955.4	699.1	-159.4	270.4	10.00	0.87	-10.08	
3,450.0	81.89	325.01	2,962.7	740.8	-186.0	303.4	10.00	1.00	-10.06	
3,500.0	82.46	319.99	2,969.5	780.1	-216.1	339.5	10.00	1.13	-10.03	
3,550.0	83.08	314.99	2,975.8	816.6	-249.6	378.5	10.00	1.24	-10.00	
3,600.0	83.75	310.00	2,981.5	850.1	-286.2	420.1	10.00	1.34	-9.98	

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw IL 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3370+17 @ 3387.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3370+17 @ 3387.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw IL 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,650.0	84.47	305.03	2,986.7	880.4	-325.7	463.9	10.00	1.44	-9.95
3,700.0	85.23	300.07	2,991.2	907.2	-367.6	509.6	10.00	1.52	-9.92
3,750.0	86.02	295.11	2,995.0	930.3	-411.8	556.9	10.00	1.59	-9.90
3,800.0	86.85	290.17	2,998.1	949.5	-457.8	605.5	10.00	1.65	-9.88
3,850.0	87.70	285.24	3,000.5	964.7	-505.4	654.9	10.00	1.70	-9.87
3,900.0	88.57	280.31	3,002.1	975.7	-554.1	704.7	10.00	1.73	-9.85
3,950.0	89.44	275.39	3,003.0	982.5	-603.6	754.7	10.00	1.75	-9.85
4,000.0	90.32	270.47	3,003.1	985.1	-653.6	804.4	10.00	1.76	-9.84
4,009.9	90.50	269.49	3,003.0	985.1	-663.5	814.2	10.00	1.76	-9.84
<b>EOB&amp;T HLD 90.5° Inc.</b>									
4,100.0	90.50	269.49	3,002.2	984.3	-753.5	902.9	0.00	0.00	0.00
4,200.0	90.50	269.49	3,001.3	983.4	-853.5	1,001.4	0.00	0.00	0.00
4,300.0	90.50	269.49	3,000.5	982.5	-953.5	1,100.0	0.00	0.00	0.00
4,400.0	90.50	269.49	2,999.6	981.6	-1,053.5	1,198.5	0.00	0.00	0.00
4,500.0	90.50	269.49	2,998.7	980.7	-1,153.5	1,297.0	0.00	0.00	0.00
4,600.0	90.50	269.49	2,997.9	979.8	-1,253.5	1,395.6	0.00	0.00	0.00
4,700.0	90.50	269.49	2,997.0	978.9	-1,353.5	1,494.1	0.00	0.00	0.00
4,800.0	90.50	269.49	2,996.1	978.1	-1,453.5	1,592.6	0.00	0.00	0.00
4,900.0	90.50	269.49	2,995.3	977.2	-1,553.5	1,691.2	0.00	0.00	0.00
5,000.0	90.50	269.49	2,994.4	976.3	-1,653.5	1,789.7	0.00	0.00	0.00
5,100.0	90.50	269.49	2,993.5	975.4	-1,753.5	1,888.2	0.00	0.00	0.00
5,200.0	90.50	269.49	2,992.7	974.5	-1,853.5	1,986.7	0.00	0.00	0.00
5,300.0	90.50	269.49	2,991.8	973.6	-1,953.5	2,085.3	0.00	0.00	0.00
5,400.0	90.50	269.49	2,990.9	972.7	-2,053.4	2,183.8	0.00	0.00	0.00
5,500.0	90.50	269.49	2,990.1	971.8	-2,153.4	2,282.3	0.00	0.00	0.00
5,600.0	90.50	269.49	2,989.2	970.9	-2,253.4	2,380.9	0.00	0.00	0.00
5,700.0	90.50	269.49	2,988.3	970.0	-2,353.4	2,479.4	0.00	0.00	0.00
5,800.0	90.50	269.49	2,987.5	969.1	-2,453.4	2,577.9	0.00	0.00	0.00
5,900.0	90.50	269.49	2,986.6	968.2	-2,553.4	2,676.5	0.00	0.00	0.00
6,000.0	90.50	269.49	2,985.7	967.3	-2,653.4	2,775.0	0.00	0.00	0.00
6,100.0	90.50	269.49	2,984.9	966.5	-2,753.4	2,873.5	0.00	0.00	0.00
6,200.0	90.50	269.49	2,984.0	965.6	-2,853.4	2,972.0	0.00	0.00	0.00
6,300.0	90.50	269.49	2,983.1	964.7	-2,953.4	3,070.6	0.00	0.00	0.00
6,400.0	90.50	269.49	2,982.2	963.8	-3,053.4	3,169.1	0.00	0.00	0.00
6,500.0	90.50	269.49	2,981.4	962.9	-3,153.4	3,267.6	0.00	0.00	0.00
6,600.0	90.50	269.49	2,980.5	962.0	-3,253.3	3,366.2	0.00	0.00	0.00
6,700.0	90.50	269.49	2,979.6	961.1	-3,353.3	3,464.7	0.00	0.00	0.00
6,800.0	90.50	269.49	2,978.8	960.2	-3,453.3	3,563.2	0.00	0.00	0.00
6,900.0	90.50	269.49	2,977.9	959.3	-3,553.3	3,661.7	0.00	0.00	0.00
7,000.0	90.50	269.49	2,977.0	958.4	-3,653.3	3,760.3	0.00	0.00	0.00
7,100.0	90.50	269.49	2,976.2	957.5	-3,753.3	3,858.8	0.00	0.00	0.00
7,200.0	90.50	269.49	2,975.3	956.6	-3,853.3	3,957.3	0.00	0.00	0.00
7,300.0	90.50	269.49	2,974.4	955.8	-3,953.3	4,055.9	0.00	0.00	0.00
7,400.0	90.50	269.49	2,973.6	954.9	-4,053.3	4,154.4	0.00	0.00	0.00
7,500.0	90.50	269.49	2,972.7	954.0	-4,153.3	4,252.9	0.00	0.00	0.00
7,600.0	90.50	269.49	2,971.8	953.1	-4,253.3	4,351.5	0.00	0.00	0.00
7,700.0	90.50	269.49	2,971.0	952.2	-4,353.3	4,450.0	0.00	0.00	0.00
7,800.0	90.50	269.49	2,970.1	951.3	-4,453.3	4,548.5	0.00	0.00	0.00
7,900.0	90.50	269.49	2,969.2	950.4	-4,553.2	4,647.0	0.00	0.00	0.00
8,000.0	90.50	269.49	2,968.4	949.5	-4,653.2	4,745.6	0.00	0.00	0.00
8,100.0	90.50	269.49	2,967.5	948.6	-4,753.2	4,844.1	0.00	0.00	0.00
8,200.0	90.50	269.49	2,966.6	947.7	-4,853.2	4,942.6	0.00	0.00	0.00
8,300.0	90.50	269.49	2,965.7	946.8	-4,953.2	5,041.2	0.00	0.00	0.00
8,400.0	90.50	269.49	2,964.9	945.9	-5,053.2	5,139.7	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw IL 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3370+17 @ 3387.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3370+17 @ 3387.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw IL 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,500.0	90.50	269.49	2,964.0	945.0	-5,153.2	5,238.2	0.00	0.00	0.00	
8,600.0	90.50	269.49	2,963.1	944.2	-5,253.2	5,336.7	0.00	0.00	0.00	
8,700.0	90.50	269.49	2,962.3	943.3	-5,353.2	5,435.3	0.00	0.00	0.00	
8,800.0	90.50	269.49	2,961.4	942.4	-5,453.2	5,533.8	0.00	0.00	0.00	
8,900.0	90.50	269.49	2,960.5	941.5	-5,553.2	5,632.3	0.00	0.00	0.00	
9,000.0	90.50	269.49	2,959.7	940.6	-5,653.2	5,730.9	0.00	0.00	0.00	
9,077.3	90.50	269.49	2,959.0	939.9	-5,730.5	5,807.1	0.00	0.00	0.00	
<b>TD at 9077.3</b>										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
BHL Four Mile Draw IL - hit/miss target - Shape - Point	0.00	0.00	2,959.0	939.9	-5,730.5	608,919.30	470,617.30	32° 40' 26.338 N	104° 25' 43.762 W	
FTP Four Mile Draw IL 1 - plan hits target center - Point	0.00	360.00	3,003.0	985.1	-663.5	608,964.50	475,684.30	32° 40' 26.827 N	104° 24' 44.482 W	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
2,350.0	2,350.0	0.0	0.0	KOP BLD 10°/100'	
3,150.9	2,914.4	466.8	-84.1	EOB HLD 80.09° Inc.	
3,204.6	2,923.7	518.9	-93.5	CoNT BLD & TRN 10°/100'	
4,009.9	3,003.0	985.1	-663.5	EOB&T HLD 90.5° Inc.	
9,077.3	2,959.0	939.9	-5,730.5	TD at 9077.3	

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL Four Mile Draw IL 1H	2959.0	939.9	-5730.5	608919.30	470617.30	32° 40' 26.338 N	104° 25' 43.762 W
- plan hits target center							
FTP Four Mile Draw IL 1H	3003.0	985.1	-663.5	608964.50	475684.30	32° 40' 26.827 N	104° 24' 44.482 W
- plan hits target center							

WELL DETAILS: Four Mile Draw IL 1H

Ground Elevation: 3370.0  
 RKB Elevation: 3370+17 @ 3387.0usft  
 Rig Name:

Northing: 607979.40    Easting: 476347.80    Latitude: 32° 40' 17.084 N    Longitude: 104° 24' 36.711 W

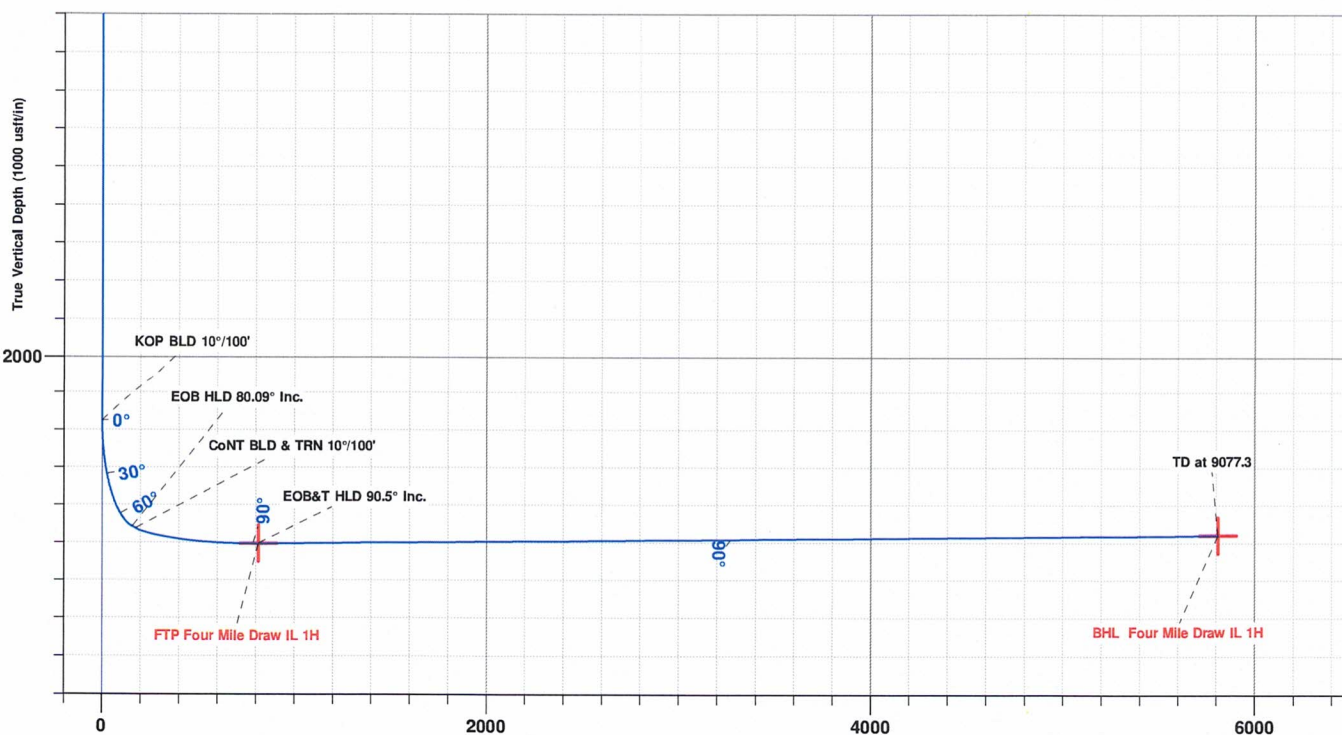
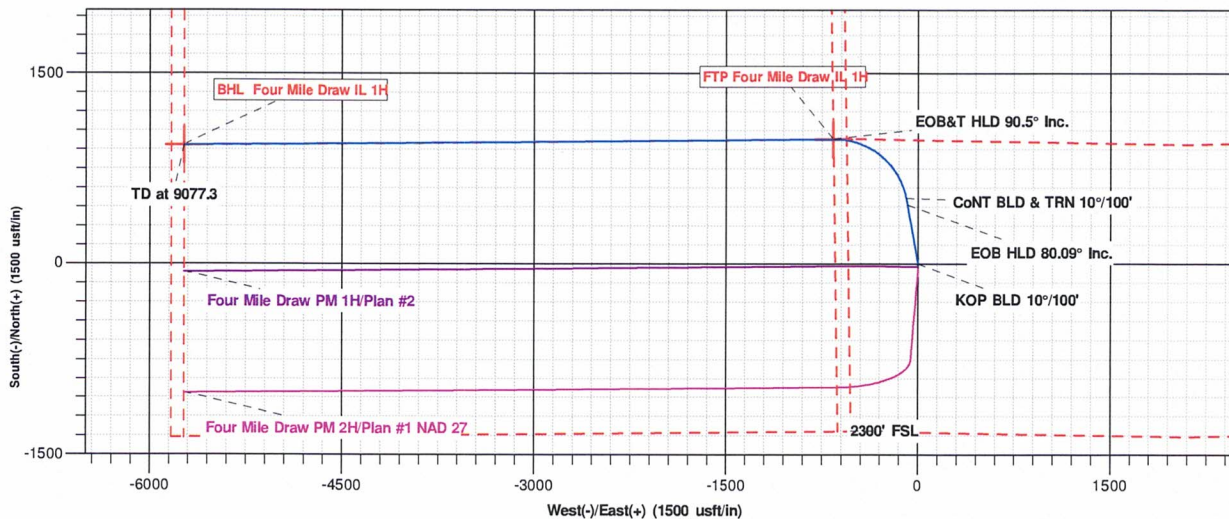
Section Details

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2350.0	0.00	0.00	2350.0	0.0	0.0	0.00	0.00	0.0
3150.9	80.09	349.79	2914.4	466.8	-84.1	10.00	349.79	158.5
3204.6	80.09	349.79	2923.7	518.9	-93.5	0.00	0.00	176.2
4009.9	90.50	269.49	3003.0	985.1	-663.5	10.00	-87.82	814.2
9077.3	90.50	269.49	2959.0	939.9	-5730.5	0.00	0.00	5807.1



Azimuths to Grid North  
 True North: 0.04°  
 Magnetic North: 6.77°

Magnetic Field  
 Strength: 47495.4nT  
 Dip Angle: 60.26°  
 Date: 06/20/2023  
 Model: IGRF2015



DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL Four Mile Draw PM 1H	2984.0	-40.2	-5730.5	607919.20	470617.50	32° 40' 16.442 N	104° 25' 43.750 W
- plan hits target center							
FTP Four Mile Draw PM 1H	3028.0	5.2	-648.3	607964.60	475699.70	32° 40' 16.932 N	104° 24' 44.293 W
- plan hits target center							

WELL DETAILS: Four Mile Draw PM 1H

Ground Elevation: 3371.0  
 RKB Elevation: 3371+17 @ 3388.0ust  
 Rig Name:

Northing	Easting	Latitude	Longitude
607959.40	476348.00	32° 40' 16.886 N	104° 24' 36.708 W

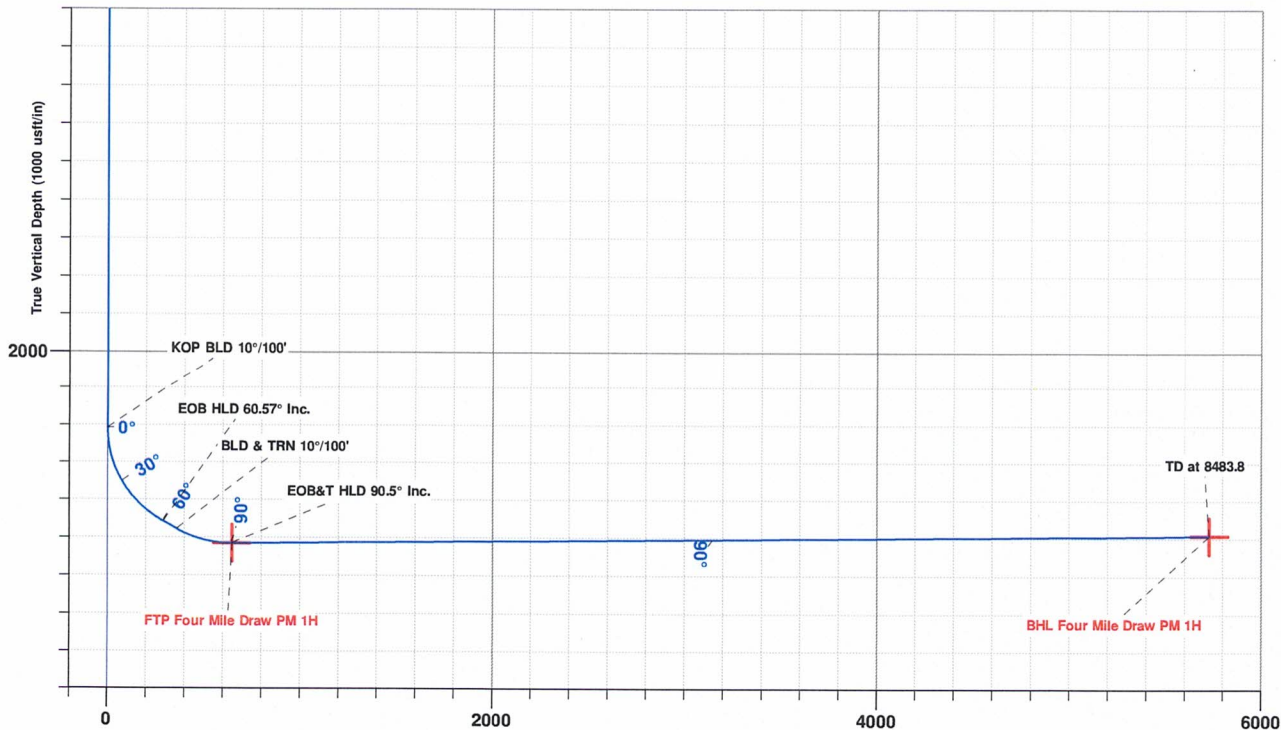
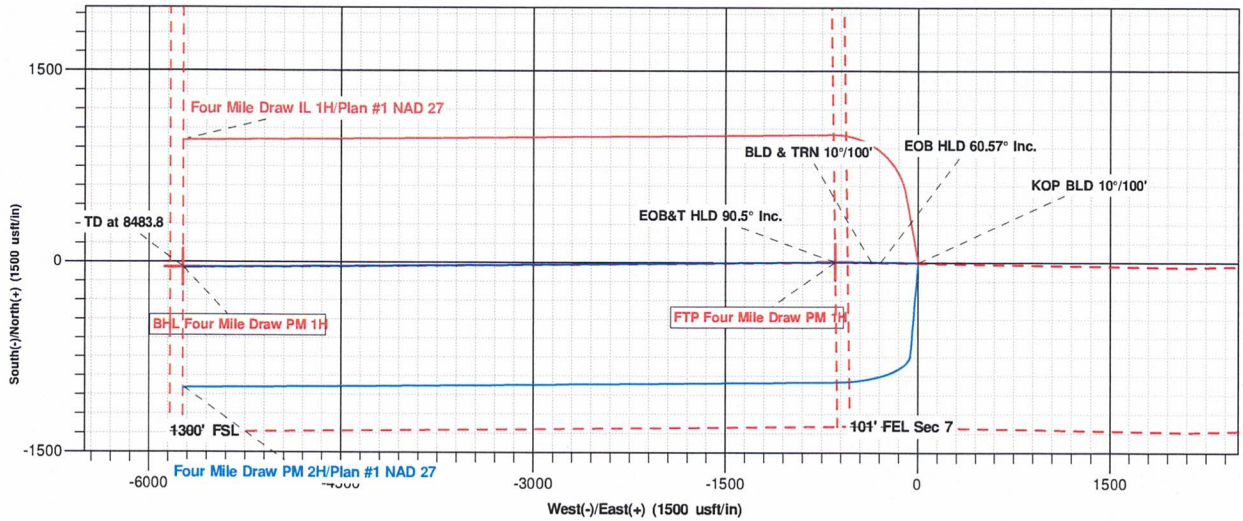
Section Details

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2415.4	0.00	0.00	2415.4	0.0	0.0	0.00	0.00	0.0
3021.1	60.57	270.76	2914.4	3.9	-291.4	10.00	270.76	291.3
3101.7	60.57	270.76	2954.0	4.8	-361.6	0.00	0.00	361.5
3401.2	90.50	269.49	3028.0	5.2	-648.3	10.00	-2.55	648.2
8483.8	90.50	269.49	2984.0	-40.2	-5730.5	0.00	0.00	5730.6



Azimuths to Grid North  
 True North: 0.04°  
 Magnetic North: 6.77°

Magnetic Field  
 Strength: 47493.7nT  
 Dip Angle: 60.26°  
 Date: 06/26/2023  
 Model: IGRF2015



# **Burnett Oil Company, Inc.**

**Eddy County, NM (NAD 27)**

**Sec 8-T19S-R26E**

**Four Mile Draw PM 1H**

**Wellbore #1**

**Plan: Plan #2**

## **Standard Planning Report**

**26 June, 2023**



<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2		

<b>Project</b>	Eddy County, NM (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico East 3001		

<b>Site</b>	Sec 8-T19S-R26E				
<b>Site Position:</b>		<b>Northing:</b>	607,979.40 usft	<b>Latitude:</b>	32° 40' 17.084 N
<b>From:</b>	Map	<b>Easting:</b>	476,347.80 usft	<b>Longitude:</b>	104° 24' 36.711 W
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	-0.04 °

<b>Well</b>	Four Mile Draw PM 1H					
<b>Well Position</b>	<b>+N/-S</b>	-20.0 usft	<b>Northing:</b>	607,959.40 usft	<b>Latitude:</b>	32° 40' 16.886 N
	<b>+E/-W</b>	0.2 usft	<b>Easting:</b>	476,348.00 usft	<b>Longitude:</b>	104° 24' 36.708 W
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	3,371.0 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	06/26/23	6.73	60.26	47,493.68847452

<b>Design</b>	Plan #2			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	2,984.0	0.0	0.0	269.60

<b>Plan Survey Tool Program</b>	<b>Date</b>	06/26/23		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.0	8,483.8 Plan #2 (Wellbore #1)	MWD	
			OWSG MWD - Standard	

<b>Plan Sections</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	<b>TFO (°)</b>	<b>Target</b>
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,415.4	0.00	0.00	2,415.4	0.0	0.0	0.00	0.00	0.00	0.00	
3,021.1	60.57	270.76	2,914.4	3.9	-291.4	10.00	10.00	0.00	270.76	
3,101.7	60.57	270.76	2,954.0	4.8	-361.6	0.00	0.00	0.00	0.00	
3,401.2	90.50	269.49	3,028.0	5.2	-648.3	10.00	9.99	-0.42	-2.55	FTP Four Mile Draw F
8,483.8	90.50	269.49	2,984.0	-40.2	-5,730.5	0.00	0.00	0.00	0.00	BHL Four Mile Draw F

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
2,415.4	0.00	0.00	2,415.4	0.0	0.0	0.0	0.00	0.00	0.00	0.00
<b>KOP BLD 10°/100'</b>										
2,450.0	3.46	270.76	2,450.0	0.0	-1.0	1.0	10.00	10.00	0.00	0.00
2,500.0	8.46	270.76	2,499.7	0.1	-6.2	6.2	10.00	10.00	0.00	0.00
2,550.0	13.46	270.76	2,548.8	0.2	-15.7	15.7	10.00	10.00	0.00	0.00
2,600.0	18.46	270.76	2,596.8	0.4	-29.5	29.5	10.00	10.00	0.00	0.00
2,650.0	23.46	270.76	2,643.5	0.6	-47.4	47.4	10.00	10.00	0.00	0.00
2,700.0	28.46	270.76	2,688.4	0.9	-69.2	69.2	10.00	10.00	0.00	0.00
2,750.0	33.46	270.76	2,731.3	1.3	-94.9	94.9	10.00	10.00	0.00	0.00
2,800.0	38.46	270.76	2,771.8	1.6	-124.3	124.3	10.00	10.00	0.00	0.00
2,850.0	43.46	270.76	2,809.5	2.1	-157.1	157.0	10.00	10.00	0.00	0.00
2,900.0	48.46	270.76	2,844.3	2.6	-193.0	193.0	10.00	10.00	0.00	0.00
2,950.0	53.46	270.76	2,875.7	3.1	-231.8	231.8	10.00	10.00	0.00	0.00
3,000.0	58.46	270.76	2,903.7	3.6	-273.2	273.2	10.00	10.00	0.00	0.00
3,021.1	60.57	270.76	2,914.4	3.9	-291.4	291.3	10.00	10.00	0.00	0.00
<b>EOB HLD 60.57° Inc.</b>										
3,101.7	60.57	270.76	2,954.0	4.8	-361.6	361.5	0.00	0.00	0.00	0.00
<b>BLD &amp; TRN 10°/100'</b>										
3,150.0	65.40	270.52	2,976.0	5.3	-404.6	404.6	10.00	9.99	-0.49	-0.49
3,200.0	70.39	270.30	2,994.8	5.6	-450.9	450.9	10.00	9.99	-0.45	-0.45
3,250.0	75.39	270.09	3,009.5	5.8	-498.7	498.6	10.00	9.99	-0.42	-0.42
3,300.0	80.38	269.88	3,020.0	5.8	-547.6	547.5	10.00	9.99	-0.41	-0.41
3,350.0	85.38	269.69	3,026.2	5.6	-597.2	597.1	10.00	9.99	-0.39	-0.39
3,401.2	90.50	269.49	3,028.0	5.2	-648.3	648.2	10.00	9.99	-0.39	-0.39
<b>EOB&amp;T HLD 90.5° Inc.</b>										
3,500.0	90.50	269.49	3,027.1	4.3	-747.1	747.1	0.00	0.00	0.00	0.00
3,600.0	90.50	269.49	3,026.3	3.4	-847.1	847.0	0.00	0.00	0.00	0.00
3,700.0	90.50	269.49	3,025.4	2.5	-947.1	947.0	0.00	0.00	0.00	0.00

Microsoft  
Planning Report

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,800.0	90.50	269.49	3,024.5	1.6	-1,047.1	1,047.0	0.00	0.00	0.00
3,900.0	90.50	269.49	3,023.7	0.7	-1,147.1	1,147.0	0.00	0.00	0.00
4,000.0	90.50	269.49	3,022.8	-0.1	-1,247.1	1,247.0	0.00	0.00	0.00
4,100.0	90.50	269.49	3,022.0	-1.0	-1,347.1	1,347.0	0.00	0.00	0.00
4,200.0	90.50	269.49	3,021.1	-1.9	-1,447.0	1,447.0	0.00	0.00	0.00
4,300.0	90.50	269.49	3,020.2	-2.8	-1,547.0	1,547.0	0.00	0.00	0.00
4,400.0	90.50	269.49	3,019.4	-3.7	-1,647.0	1,647.0	0.00	0.00	0.00
4,500.0	90.50	269.49	3,018.5	-4.6	-1,747.0	1,747.0	0.00	0.00	0.00
4,600.0	90.50	269.49	3,017.6	-5.5	-1,847.0	1,847.0	0.00	0.00	0.00
4,700.0	90.50	269.49	3,016.8	-6.4	-1,947.0	1,947.0	0.00	0.00	0.00
4,800.0	90.50	269.49	3,015.9	-7.3	-2,047.0	2,047.0	0.00	0.00	0.00
4,900.0	90.50	269.49	3,015.0	-8.2	-2,147.0	2,147.0	0.00	0.00	0.00
5,000.0	90.50	269.49	3,014.2	-9.1	-2,247.0	2,247.0	0.00	0.00	0.00
5,100.0	90.50	269.49	3,013.3	-10.0	-2,347.0	2,347.0	0.00	0.00	0.00
5,200.0	90.50	269.49	3,012.4	-10.9	-2,447.0	2,447.0	0.00	0.00	0.00
5,300.0	90.50	269.49	3,011.6	-11.8	-2,547.0	2,547.0	0.00	0.00	0.00
5,400.0	90.50	269.49	3,010.7	-12.7	-2,647.0	2,647.0	0.00	0.00	0.00
5,500.0	90.50	269.49	3,009.8	-13.5	-2,746.9	2,747.0	0.00	0.00	0.00
5,600.0	90.50	269.49	3,009.0	-14.4	-2,846.9	2,847.0	0.00	0.00	0.00
5,700.0	90.50	269.49	3,008.1	-15.3	-2,946.9	2,947.0	0.00	0.00	0.00
5,800.0	90.50	269.49	3,007.2	-16.2	-3,046.9	3,047.0	0.00	0.00	0.00
5,900.0	90.50	269.49	3,006.4	-17.1	-3,146.9	3,147.0	0.00	0.00	0.00
6,000.0	90.50	269.49	3,005.5	-18.0	-3,246.9	3,247.0	0.00	0.00	0.00
6,100.0	90.50	269.49	3,004.6	-18.9	-3,346.9	3,346.9	0.00	0.00	0.00
6,200.0	90.50	269.49	3,003.8	-19.8	-3,446.9	3,446.9	0.00	0.00	0.00
6,300.0	90.50	269.49	3,002.9	-20.7	-3,546.9	3,546.9	0.00	0.00	0.00
6,400.0	90.50	269.49	3,002.0	-21.6	-3,646.9	3,646.9	0.00	0.00	0.00
6,500.0	90.50	269.49	3,001.2	-22.5	-3,746.9	3,746.9	0.00	0.00	0.00
6,600.0	90.50	269.49	3,000.3	-23.4	-3,846.9	3,846.9	0.00	0.00	0.00
6,700.0	90.50	269.49	2,999.4	-24.3	-3,946.9	3,946.9	0.00	0.00	0.00
6,800.0	90.50	269.49	2,998.6	-25.2	-4,046.8	4,046.9	0.00	0.00	0.00
6,900.0	90.50	269.49	2,997.7	-26.1	-4,146.8	4,146.9	0.00	0.00	0.00
7,000.0	90.50	269.49	2,996.8	-26.9	-4,246.8	4,246.9	0.00	0.00	0.00
7,100.0	90.50	269.49	2,996.0	-27.8	-4,346.8	4,346.9	0.00	0.00	0.00
7,200.0	90.50	269.49	2,995.1	-28.7	-4,446.8	4,446.9	0.00	0.00	0.00
7,300.0	90.50	269.49	2,994.2	-29.6	-4,546.8	4,546.9	0.00	0.00	0.00
7,400.0	90.50	269.49	2,993.4	-30.5	-4,646.8	4,646.9	0.00	0.00	0.00
7,500.0	90.50	269.49	2,992.5	-31.4	-4,746.8	4,746.9	0.00	0.00	0.00
7,600.0	90.50	269.49	2,991.7	-32.3	-4,846.8	4,846.9	0.00	0.00	0.00
7,700.0	90.50	269.49	2,990.8	-33.2	-4,946.8	4,946.9	0.00	0.00	0.00
7,800.0	90.50	269.49	2,989.9	-34.1	-5,046.8	5,046.9	0.00	0.00	0.00
7,900.0	90.50	269.49	2,989.1	-35.0	-5,146.8	5,146.9	0.00	0.00	0.00
8,000.0	90.50	269.49	2,988.2	-35.9	-5,246.8	5,246.9	0.00	0.00	0.00
8,100.0	90.50	269.49	2,987.3	-36.8	-5,346.7	5,346.9	0.00	0.00	0.00
8,200.0	90.50	269.49	2,986.5	-37.7	-5,446.7	5,446.9	0.00	0.00	0.00
8,300.0	90.50	269.49	2,985.6	-38.6	-5,546.7	5,546.9	0.00	0.00	0.00
8,400.0	90.50	269.49	2,984.7	-39.5	-5,646.7	5,646.9	0.00	0.00	0.00
8,483.8	90.50	269.49	2,984.0	-40.2	-5,730.5	5,730.6	0.00	0.00	0.00
<b>TD at 8483.8</b>									

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 1H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
BHL Four Mile Draw PM - plan hits target center - Point	0.00	0.00	2,984.0	-40.2	-5,730.5	607,919.20	470,617.50	32° 40' 16.442 N	104° 25' 43.750 W
FTP Four Mile Draw PM - plan hits target center - Point	0.00	360.00	3,028.0	5.2	-648.3	607,964.60	475,699.70	32° 40' 16.932 N	104° 24' 44.293 W

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)		
2,415.4	2,415.4	0.0	0.0	KOP BLD 10°/100'	
3,021.1	2,914.4	3.9	-291.4	EOB HLD 60.57° Inc.	
3,101.7	2,954.0	4.8	-361.6	BLD & TRN 10°/100'	
3,401.2	3,028.0	5.2	-648.3	EOB&T HLD 90.5° Inc.	
8,483.8	2,984.0	-40.2	-5,730.5	TD at 8483.8	

# **Burnett Oil Company, Inc.**

**Eddy County, NM (NAD 27)**

**Sec 8-T19S-R26E**

**Four Mile Draw PM 2H**

**Wellbore #1**

**Plan: Plan #1 NAD 27**

## **Standard Planning Report**

**20 June, 2023**

Microsoft  
Planning Report

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 2H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

<b>Project</b>	Eddy County, NM (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico East 3001		

<b>Site</b>	Sec 8-T19S-R26E				
<b>Site Position:</b>	<b>Northing:</b>	607,979.40 usft	<b>Latitude:</b>	32° 40' 17.084 N	
<b>From:</b> Map	<b>Easting:</b>	476,347.80 usft	<b>Longitude:</b>	104° 24' 36.711 W	
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	-0.04 °

<b>Well</b>	Four Mile Draw PM 2H					
<b>Well Position</b>	<b>+N/-S</b>	-40.0 usft	<b>Northing:</b>	607,939.40 usft	<b>Latitude:</b>	32° 40' 16.688 N
	<b>+E/-W</b>	0.5 usft	<b>Easting:</b>	476,348.30 usft	<b>Longitude:</b>	104° 24' 36.704 W
<b>Position Uncertainty</b>	0.0 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	3,371.0 usft	

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	06/20/23	6.73	60.26	47,495.34406475

<b>Design</b>	Plan #1 NAD 27			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	260.39

<b>Plan Survey Tool Program</b>	<b>Date</b>	06/20/23		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.0	8,454.9 Plan #1 NAD 27 (Wellbore #1)	MWD	OWSG MWD - Standard

<b>Plan Sections</b>											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00		
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00		
724.2	22.42	184.73	718.5	-43.1	-3.6	10.00	10.00	0.00	184.73		
2,473.0	22.42	184.73	2,335.2	-707.7	-58.6	0.00	0.00	0.00	0.00		
3,357.7	90.50	269.49	2,846.0	-924.7	-633.9	10.00	7.70	9.58	84.96	FTP Four Mile Draw F	
8,454.9	90.50	269.49	2,801.5	-970.1	-5,730.7	0.00	0.00	0.00	0.00	BHL Four Mile Draw F	

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 2H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
<b>KOP BLD 10°/100'</b>										
550.0	5.00	184.73	549.9	-2.2	-0.2	0.5	10.00	10.00	0.00	0.00
600.0	10.00	184.73	599.5	-8.7	-0.7	2.2	10.00	10.00	0.00	0.00
650.0	15.00	184.73	648.3	-19.5	-1.6	4.8	10.00	10.00	0.00	0.00
700.0	20.00	184.73	696.0	-34.4	-2.9	8.6	10.00	10.00	0.00	0.00
724.2	22.42	184.73	718.5	-43.1	-3.6	10.7	10.00	10.00	0.00	0.00
<b>EOB HLD 22.42° Inc.</b>										
800.0	22.42	184.73	788.6	-72.0	-6.0	17.9	0.00	0.00	0.00	0.00
900.0	22.42	184.73	881.0	-110.0	-9.1	27.3	0.00	0.00	0.00	0.00
1,000.0	22.42	184.73	973.5	-148.0	-12.2	36.8	0.00	0.00	0.00	0.00
1,100.0	22.42	184.73	1,065.9	-186.0	-15.4	46.2	0.00	0.00	0.00	0.00
1,200.0	22.42	184.73	1,158.4	-224.0	-18.5	55.7	0.00	0.00	0.00	0.00
1,300.0	22.42	184.73	1,250.8	-262.0	-21.7	65.1	0.00	0.00	0.00	0.00
1,400.0	22.42	184.73	1,343.3	-300.0	-24.8	74.5	0.00	0.00	0.00	0.00
1,500.0	22.42	184.73	1,435.7	-338.0	-28.0	84.0	0.00	0.00	0.00	0.00
1,600.0	22.42	184.73	1,528.1	-376.0	-31.1	93.4	0.00	0.00	0.00	0.00
1,700.0	22.42	184.73	1,620.6	-414.0	-34.3	102.9	0.00	0.00	0.00	0.00
1,800.0	22.42	184.73	1,713.0	-452.0	-37.4	112.3	0.00	0.00	0.00	0.00
1,900.0	22.42	184.73	1,805.5	-490.0	-40.6	121.8	0.00	0.00	0.00	0.00
2,000.0	22.42	184.73	1,897.9	-528.0	-43.7	131.2	0.00	0.00	0.00	0.00
2,100.0	22.42	184.73	1,990.4	-566.0	-46.8	140.7	0.00	0.00	0.00	0.00
2,200.0	22.42	184.73	2,082.8	-604.0	-50.0	150.1	0.00	0.00	0.00	0.00
2,300.0	22.42	184.73	2,175.3	-642.0	-53.1	159.5	0.00	0.00	0.00	0.00
2,400.0	22.42	184.73	2,267.7	-680.0	-56.3	169.0	0.00	0.00	0.00	0.00
2,473.0	22.42	184.73	2,335.2	-707.7	-58.6	175.9	0.00	0.00	0.00	0.00
<b>CONT BLD &amp; TRN 10°/100'</b>										
2,500.0	22.80	191.68	2,360.1	-718.0	-60.1	179.1	10.00	1.44	25.76	
2,550.0	24.27	203.68	2,406.0	-736.9	-66.2	188.2	10.00	2.93	23.99	
2,600.0	26.56	214.06	2,451.2	-755.6	-76.5	201.6	10.00	4.58	20.76	
2,650.0	29.48	222.71	2,495.3	-773.9	-91.2	219.1	10.00	5.85	17.30	
2,700.0	32.87	229.83	2,538.1	-791.7	-109.9	240.5	10.00	6.77	14.24	
2,750.0	36.59	235.70	2,579.2	-808.9	-132.6	265.7	10.00	7.44	11.75	
2,800.0	40.55	240.60	2,618.3	-825.3	-159.1	294.6	10.00	7.92	9.80	
2,850.0	44.69	244.76	2,655.1	-840.7	-189.1	326.8	10.00	8.27	8.31	
2,900.0	48.95	248.33	2,689.3	-855.2	-222.6	362.2	10.00	8.53	7.16	
2,950.0	53.32	251.47	2,720.7	-868.6	-259.1	400.5	10.00	8.73	6.28	
3,000.0	57.75	254.27	2,749.0	-880.7	-298.5	441.3	10.00	8.87	5.60	
3,050.0	62.25	256.81	2,774.0	-891.5	-340.4	484.5	10.00	8.99	5.07	
3,100.0	66.78	259.14	2,795.5	-900.8	-384.6	529.5	10.00	9.07	4.67	
3,150.0	71.35	261.32	2,813.3	-908.7	-430.6	576.2	10.00	9.13	4.36	
3,200.0	75.94	263.38	2,827.4	-915.1	-478.1	624.2	10.00	9.18	4.13	
3,250.0	80.55	265.36	2,837.6	-919.9	-526.8	673.0	10.00	9.22	3.97	
3,300.0	85.17	267.29	2,843.8	-923.1	-576.3	722.3	10.00	9.24	3.86	
3,350.0	89.79	269.20	2,846.0	-924.6	-626.2	771.8	10.00	9.25	3.81	
3,357.7	90.50	269.49	2,846.0	-924.7	-633.9	779.3	10.00	9.25	3.80	
<b>EOB&amp;T HLD 90.5° Inc.</b>										
3,400.0	90.50	269.49	2,845.6	-925.1	-676.2	821.1	0.00	0.00	0.00	

Microsoft  
Planning Report

<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 2H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,500.0	90.50	269.49	2,844.8	-926.0	-776.2	919.9	0.00	0.00	0.00
3,600.0	90.50	269.49	2,843.9	-926.9	-876.2	1,018.6	0.00	0.00	0.00
3,700.0	90.50	269.49	2,843.0	-927.7	-976.2	1,117.4	0.00	0.00	0.00
3,800.0	90.50	269.49	2,842.1	-928.6	-1,076.2	1,216.1	0.00	0.00	0.00
3,900.0	90.50	269.49	2,841.3	-929.5	-1,176.2	1,314.8	0.00	0.00	0.00
4,000.0	90.50	269.49	2,840.4	-930.4	-1,276.2	1,413.6	0.00	0.00	0.00
4,100.0	90.50	269.49	2,839.5	-931.3	-1,376.2	1,512.3	0.00	0.00	0.00
4,200.0	90.50	269.49	2,838.6	-932.2	-1,476.2	1,611.0	0.00	0.00	0.00
4,300.0	90.50	269.49	2,837.8	-933.1	-1,576.2	1,709.8	0.00	0.00	0.00
4,400.0	90.50	269.49	2,836.9	-934.0	-1,676.1	1,808.5	0.00	0.00	0.00
4,500.0	90.50	269.49	2,836.0	-934.9	-1,776.1	1,907.3	0.00	0.00	0.00
4,600.0	90.50	269.49	2,835.2	-935.8	-1,876.1	2,006.0	0.00	0.00	0.00
4,700.0	90.50	269.49	2,834.3	-936.7	-1,976.1	2,104.7	0.00	0.00	0.00
4,800.0	90.50	269.49	2,833.4	-937.5	-2,076.1	2,203.5	0.00	0.00	0.00
4,900.0	90.50	269.49	2,832.5	-938.4	-2,176.1	2,302.2	0.00	0.00	0.00
5,000.0	90.50	269.49	2,831.7	-939.3	-2,276.1	2,401.0	0.00	0.00	0.00
5,100.0	90.50	269.49	2,830.8	-940.2	-2,376.1	2,499.7	0.00	0.00	0.00
5,200.0	90.50	269.49	2,829.9	-941.1	-2,476.1	2,598.4	0.00	0.00	0.00
5,300.0	90.50	269.49	2,829.0	-942.0	-2,576.1	2,697.2	0.00	0.00	0.00
5,400.0	90.50	269.49	2,828.2	-942.9	-2,676.1	2,795.9	0.00	0.00	0.00
5,500.0	90.50	269.49	2,827.3	-943.8	-2,776.1	2,894.6	0.00	0.00	0.00
5,600.0	90.50	269.49	2,826.4	-944.7	-2,876.1	2,993.4	0.00	0.00	0.00
5,700.0	90.50	269.49	2,825.6	-945.6	-2,976.0	3,092.1	0.00	0.00	0.00
5,800.0	90.50	269.49	2,824.7	-946.5	-3,076.0	3,190.9	0.00	0.00	0.00
5,900.0	90.50	269.49	2,823.8	-947.3	-3,176.0	3,289.6	0.00	0.00	0.00
6,000.0	90.50	269.49	2,822.9	-948.2	-3,276.0	3,388.3	0.00	0.00	0.00
6,100.0	90.50	269.49	2,822.1	-949.1	-3,376.0	3,487.1	0.00	0.00	0.00
6,200.0	90.50	269.49	2,821.2	-950.0	-3,476.0	3,585.8	0.00	0.00	0.00
6,300.0	90.50	269.49	2,820.3	-950.9	-3,576.0	3,684.6	0.00	0.00	0.00
6,400.0	90.50	269.49	2,819.4	-951.8	-3,676.0	3,783.3	0.00	0.00	0.00
6,500.0	90.50	269.49	2,818.6	-952.7	-3,776.0	3,882.0	0.00	0.00	0.00
6,600.0	90.50	269.49	2,817.7	-953.6	-3,876.0	3,980.8	0.00	0.00	0.00
6,700.0	90.50	269.49	2,816.8	-954.5	-3,976.0	4,079.5	0.00	0.00	0.00
6,800.0	90.50	269.49	2,815.9	-955.4	-4,076.0	4,178.2	0.00	0.00	0.00
6,900.0	90.50	269.49	2,815.1	-956.3	-4,176.0	4,277.0	0.00	0.00	0.00
7,000.0	90.50	269.49	2,814.2	-957.1	-4,275.9	4,375.7	0.00	0.00	0.00
7,100.0	90.50	269.49	2,813.3	-958.0	-4,375.9	4,474.5	0.00	0.00	0.00
7,200.0	90.50	269.49	2,812.5	-958.9	-4,475.9	4,573.2	0.00	0.00	0.00
7,300.0	90.50	269.49	2,811.6	-959.8	-4,575.9	4,671.9	0.00	0.00	0.00
7,400.0	90.50	269.49	2,810.7	-960.7	-4,675.9	4,770.7	0.00	0.00	0.00
7,500.0	90.50	269.49	2,809.8	-961.6	-4,775.9	4,869.4	0.00	0.00	0.00
7,600.0	90.50	269.49	2,809.0	-962.5	-4,875.9	4,968.1	0.00	0.00	0.00
7,700.0	90.50	269.49	2,808.1	-963.4	-4,975.9	5,066.9	0.00	0.00	0.00
7,800.0	90.50	269.49	2,807.2	-964.3	-5,075.9	5,165.6	0.00	0.00	0.00
7,900.0	90.50	269.49	2,806.3	-965.2	-5,175.9	5,264.4	0.00	0.00	0.00
8,000.0	90.50	269.49	2,805.5	-966.0	-5,275.9	5,363.1	0.00	0.00	0.00
8,100.0	90.50	269.49	2,804.6	-966.9	-5,375.9	5,461.8	0.00	0.00	0.00
8,200.0	90.50	269.49	2,803.7	-967.8	-5,475.9	5,560.6	0.00	0.00	0.00
8,300.0	90.50	269.49	2,802.9	-968.7	-5,575.8	5,659.3	0.00	0.00	0.00
8,400.0	90.50	269.49	2,802.0	-969.6	-5,675.8	5,758.1	0.00	0.00	0.00
8,454.9	90.50	269.49	2,801.5	-970.1	-5,730.7	5,812.2	0.00	0.00	0.00
TD at 8454.9									



<b>Database:</b>	EDM 5000.15 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Four Mile Draw PM 2H
<b>Company:</b>	Burnett Oil Company, Inc.	<b>TVD Reference:</b>	3371+17 @ 3388.0usft
<b>Project:</b>	Eddy County, NM (NAD 27)	<b>MD Reference:</b>	3371+17 @ 3388.0usft
<b>Site:</b>	Sec 8-T19S-R26E	<b>North Reference:</b>	Grid
<b>Well:</b>	Four Mile Draw PM 2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 NAD 27		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
BHL Four Mile Draw PM - plan hits target center - Point	0.00	360.00	2,801.5	-970.1	-5,730.7	606,969.30	470,617.60	32° 40' 7.042 N	104° 25' 43.738 W
FTP Four Mile Draw PM - plan hits target center - Point	0.00	0.00	2,846.0	-924.7	-633.9	607,014.70	475,714.40	32° 40' 7.533 N	104° 24' 44.113 W

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
500.0	500.0	0.0	0.0	KOP BLD 10°/100'
724.2	718.5	-43.1	-3.6	EOB HLD 22.42° Inc.
2,473.0	2,335.2	-707.7	-58.6	CONT BLD & TRN 10°/100'
3,357.7	2,846.0	-924.7	-633.9	EOB&T HLD 90.5° Inc.
8,454.9	2,801.5	-970.1	-5,730.7	TD at 8454.9



DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL Four Mile Draw PM 2H	2801.5	-970.1	-5730.7	606969.30	470617.60	32° 40' 7.042 N	104° 25' 43.738 W
- plan hits target center							
FTP Four Mile Draw PM 2H	2846.0	-924.7	-633.9	607014.70	475714.40	32° 40' 7.533 N	104° 24' 44.113 W
- plan hits target center							

WELL DETAILS: Four Mile Draw PM 2H

Ground Elevation: 3371.0  
 RKB Elevation: 3371+17 @ 3388.0usft  
 Rig Name:

Northing: 607939.40    Easting: 476348.30    Latitude: 32° 40' 16.688 N    Longitude: 104° 24' 36.704 W

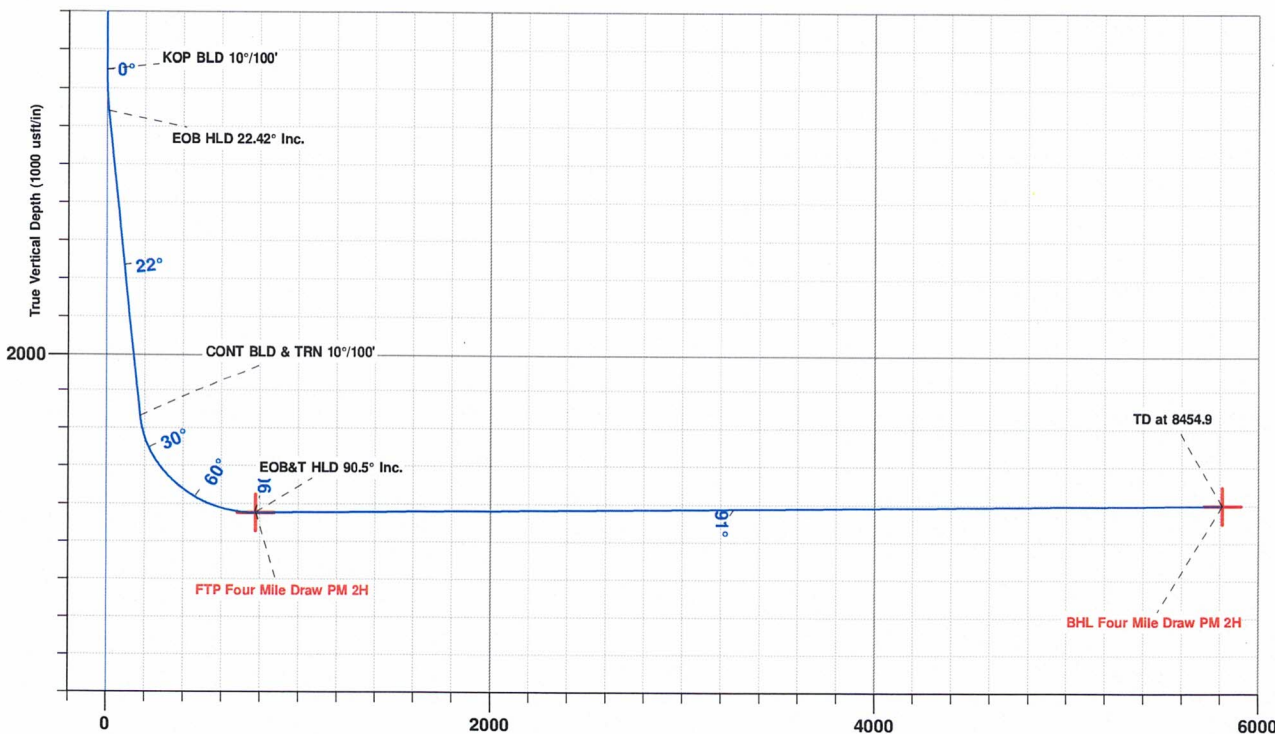
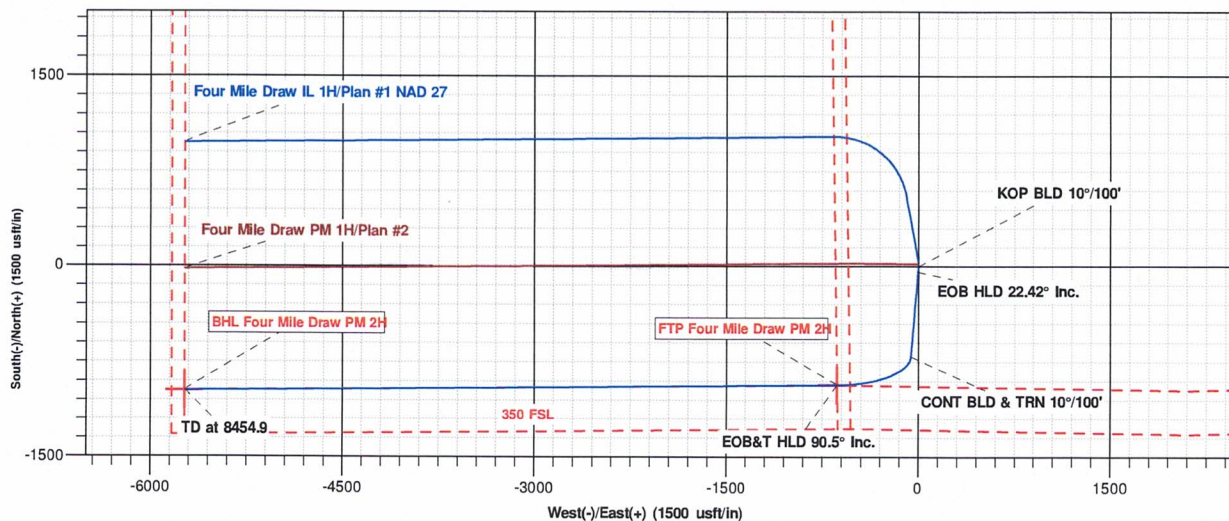
Section Details

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.0
724.2	22.42	184.73	718.5	-43.1	-3.6	10.00	184.73	10.7
2473.0	22.42	184.73	2335.2	-707.7	-58.6	0.00	0.00	175.9
3357.7	90.50	269.49	2846.0	-924.7	-633.9	10.00	84.96	779.3
8454.9	90.50	269.49	2801.5	-970.1	-5730.7	0.00	0.00	5812.2



Azimuths to Grid North  
 True North: 0.04°  
 Magnetic North: 6.77°

Magnetic Field  
 Strength: 47495.3nT  
 Dip Angle: 60.26°  
 Date: 06/20/2023  
 Model: IGRF2015



**BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**

**APPLICATION OF BURNETT OIL CO.  
INC. FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

Case No. 23695

**APPLICATION**

Burnett Oil Co., Inc. applies for an order pooling all uncommitted mineral interest owners in the Glorieta-Yeso formation underlying a proximity tract horizontal spacing and proration unit comprised of Lots 3, 4, the E/2SW/4, and the SE/4 (the S/2) of Section 7, Township 19 South, Range 26 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the S/2 of Section 7 (containing 319.71 acres), and has the right to drill a well or wells thereon.

2. Applicant proposes to drill the following wells to test the Glorieta-Yeso formation in the S/2 of Section 7:

(a) the Four Mile Draw IL Well No. 1H, with a first take point in the NE/4SE/4 and a last take point in Lot 3 (the NW/4SW/4) of Section 7;

(b) the Four Mile Draw PM Well No. 1H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7 (the proximity tract well); and

(c) the Four Mile Draw PM Well No. 2H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the Glorieta-Yeso formation in the S/2 of Section 7 for the purposes set forth herein.

EXHIBIT C

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners in the Glorieta-Yeso formation to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Glorieta-Yeso formation underlying the S/2 of Section 7, pursuant to NMSA 1978 §70-2-17.

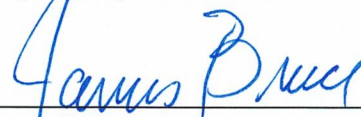
5. Approval of the pooling of all uncommitted mineral interest owners in the Glorieta-Yeso formation underlying the S/2 of Section 7 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

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

- A. Approving a proximity tract oil spacing and proration unit in the Glorieta-Yeso formation (Atoka; Glorieta-Yeso Pool/Pool Code 3250) comprised of the S/2 of Section 7;
- B. Pooling all uncommitted mineral interest owners in the Glorieta-Yeso formation underlying the S/2 of Section 7;
- C. Designating Burnett Oil Company as operator of the wells;
- D. Considering the cost of drilling, completing, testing, and equipping the wells, and allocating the cost among the wells' working interest owners;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

F. Setting a 200% charge for the risk involved in drilling, completing, testing and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



---

James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Burnett Oil Co., Inc.

***Application of Burnett Oil Co., Inc. for compulsory pooling, Eddy County, New Mexico.***

Burnett Oil Co., Inc. seeks an order pooling all uncommitted mineral interest owners in the Glorieta-Yeso formation underlying a proximity tract horizontal spacing and proration unit comprised of Lots 3, 4, the E/2SW/4, and the SE/4 (the S/2) of Section 7, Township 19 South, Range 26 East, NMPM. The unit will be dedicated to:

- (a) the Four Mile Draw IL Well No. 1H, with a first take point in the NE/4SE/4 and a last take point in Lot 3 (the NW/4SW/4) of Section 7;
- (b) the Four Mile Draw PM Well No. 1H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7 (the proximity tract well); and
- (c) the Four Mile Draw PM Well No. 2H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7.

Also to be considered will be the cost of drilling, completing, testing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of Burnett Oil Company as operator of the wells, and a 200% charge for the risk involved in drilling, completing, testing, and equipping the wells. The unit is located approximately 7 miles south-southwest of Atoka, New Mexico.



**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

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

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

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

July 13, 2023

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

ATTACHMENT 1

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Burnett Oil Co., Inc. (Case No. 23695), regarding a proximity tract horizontal spacing unit underlying Lots 3, 4, the E/2SW/4, and the SE/4 (the S/2) of Section 7, Township 19 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to the following wells:

- (a) the Four Mile Draw IL Well No. 1H, with a first take point in the NE/4SE/4 and a last take point in Lot 3 (the NW/4SW/4) of Section 7;
- (b) the Four Mile Draw PM Well No. 1H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7 (the proximity tract well); and
- (c) the Four Mile Draw PM Well No. 2H, with a first take point in the SE/4SE/4 and a last take point in Lot 4 (the SW/4SW/4) of Section 7.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, August 3, 2023. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at [Marlene.Salvidrez@emnrd.nm.gov](mailto:Marlene.Salvidrez@emnrd.nm.gov). You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at [ocd.hearings@emnrd.nm.gov](mailto:ocd.hearings@emnrd.nm.gov), and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the



witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,

  
James Bruce

Attorney for Burnett Oil Company, Inc.

Exhibit A

Terri Lee Cicchetti  
5135 Bryant Road  
Shingle Springs, CA 95682

ConocoPhillips Company  
600 West Illinois Avenue  
Midland, TX 79701

Attn: Mason Maxwell

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To \_\_\_\_\_

Street and Apt. No., or \_\_\_\_\_

City, State, Zip+4® \_\_\_\_\_

ConocoPhillips Company  
600 West Illinois Avenue  
Midland, TX 79701

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

2022 8877 2000 0297 2202

**SENDER: COMPLETE THIS SECTION**

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

Article Addressed to:

Terri Lee Cicchetti  
5135 Bryant Road  
Shingle Springs, CA 95682

9590 9402 7635 2122 8784 34

2. A 7022 1670 0002 1188 2175

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 Addressee

B. Received by (Printed Name) Terri Lee Cicchetti C. Date of Delivery 7/26/20

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

3. Service Type

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Certified Mail®

Signature Confirmation™

Signature Confirmation Restricted Delivery

Collect on Delivery

Collect on Delivery Restricted Delivery

stricted Delivery

Released to Imaging: 8/14/2023 1:11:13 PM

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fee \$ \_\_\_\_\_

Sent To Terri Lee Cicchetti  
5135 Bryant Road  
Shingle Springs, CA 95682

Street and Apt. No., or \_\_\_\_\_

City, State, Zip+4® \_\_\_\_\_

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

5272 8877 2000 0297 2202

**SENDER: COMPLETE THIS SECTION**

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

Article Addressed to:

ConocoPhillips Company  
600 West Illinois Avenue  
Midland, TX 79701

9590 9402 7635 2122 8784 27

2. A 7022 1670 0002 1188 2182

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 Addressee

B. Received by (Printed Name) Danese C. Date of Delivery 7/21/23

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

3. Service Type

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Certified Mail®

Signature Confirmation™

Signature Confirmation Restricted Delivery

Collect on Delivery

Collect on Delivery Restricted Delivery

stricted Delivery

3344

**CASE NO. 23695**

**STATUS OF CERTIFIED NOTICE**

<u>INTEREST OWNER</u>	<u>MAILING DATE</u>	<u>RECEIPT DATE</u>	<u>CARD RETURNED</u>
Terry Lee Cicchetti	July 13, 2023	July 26, 2023	Yes
ConocoPhillips Company	July 13, 2023	July 21, 2023	Yes

EXHIBIT

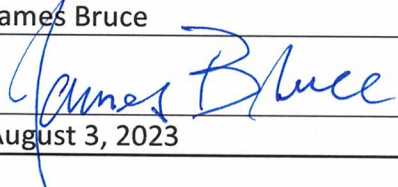
*E*

<b>COMPULSORY POOLING APPLICATION CHECKLIST</b>	
<b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>	
<b>Case: 23695</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date: August 17, 2023</b>	
Applicant	Burnett Oil Co., Inc.
Designated Operator & OGRID (affiliation if applicable)	Burnett Oil Company/OGRID 03080
Applicant's Counsel:	James Bruce
Case Title:	Application of Burnett Oil Co., Inc. for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Four Mile Draw Glorieta-Yeso wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Glorieta-Yeso formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Glorieta-Yeso formation
Pool Name and Pool Code:	Atoka Glorieta-Yeso Pool /Pool Code 3250
Well Location Setback Rules:	Statewide Rules for horizontal wells – 330' and 100' setbacks
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	319.71 acres
Building Blocks:	40 acres
Orientation:	East-West
Description: TRS/County	Lots 3, 4, E/2SW/4, and SE/4 (the S/2) §7, Township 19 South, Range 26 East, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes. See below.

EXHIBIT F

Proximity Defining Well: if yes, description	Four Mile Draw PM Well No. 1H
Applicant's Ownership in Each Tract	Exhibits A-1 and A-2
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	Four Mile Draw IL Well No. 1H API No. 30-015-Pending SHL: 1340 FSL & 620 FWL §8 BHL: 2300 FSL & 101 FWL §7 FTP: 2300 FSL & 101 FEL §7 LTP: 2300 FSL & 101 FWL §7 Glorieta-Yeso formation/TVD 3061 feet/MD 9438 feet
Well #2	Four Mile Draw PM Well No. 1H API No. 30-015-Pending SHL: 1320 FSL & 620 FWL §8 BHL: 1300 FSL & 101 FWL §7 FTP: 1300 FSL & 101 FEL §7 LTP: 1300 FSL & 101 FWL §7 Glorieta-Yeso formation/TVD 3086 feet/MD 8978 feet
Well #3	Four Mile Draw PM Well No. 2H API No. 30-015-Pending SHL: 1300 FSL & 620 FWL §8 BHL: 350 FSL & 101 FWL §7 FTP: 350 FSL & 101 FEL §7 LTP: 350 FSL & 101 FWL §7 Glorieta-Yeso formation/TVD 3085 feet/MD 9040 feet
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A, page 2
Requested Risk Charge	Cost plus 200%
<b>Notice of Hearing</b>	

Proposed Notice of Hearing	Exhibit C
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit D
Proof of Published Notice of Hearing (10 days before hearing)	N/A
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibits A-1 and A-2
Tract List (including lease numbers and owners)	Exhibits A-1 and A-2
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	
Pooled Parties (including ownership type)	Exhibit A-2; Working Interest Owners
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance (including percentage above & below)	No Depth Severance
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-3
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibits A-1 and A-2
Chronology of Contact with Non-Joined Working Interests	Exhibit A-3
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
<b>Geology</b>	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibits B-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-3
Well Orientation (with rationale)	East-West; Exhibits A-1 and B-2
Target Formation	Glorieta-Yeso formation

HSU Cross Section	Exhibit B-3
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-1
Tracts	Exhibits A-1 and A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits A-2
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibits A-1 and 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
<b>Additional Information</b>	
Special Provisions/Stipulations	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	August 3, 2023