

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

**APPLICATION OF BTA OIL PRODUCERS, LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 21405**

**BTA OIL PRODUCERS, LLC'S  
HEARING EXHIBITS**

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Kristeen Ramos
A-1	Application
A-2	Resume
A-3	Location Map
A-4	C-102s
A-5	Plat of Tracts and Ownership Interests
A-6	Unit Recapitulation
A-7	Tract Ownership
A-8	List of Pooled Parties
A-9	Well Proposal Letter
A-10	Summary of Communications
A-11	Unit Ownership
A-12	Proposed Notice of Hearing
A-13	Hearing Notice Letter and Return Receipts
A-14	Affidavit of Publication
A-15	Authorization for Expenditures

Exhibit B Self-Affirmed Statement of Darin Dolezal

B-1 General Location Map

B-2 Structure Map

B-3 Gross Isopach Map

B-4 Gunbarrel Schematic

B-5 Cross Section

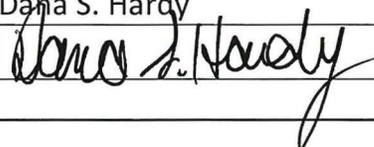
B-6 Producing Formation Map and Table

# COMPULSORY POOLING APPLICATION CHECKLIST

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

Case: 21405	APPLICANT'S RESPONSE
Date	September 8, 2020
Applicant	BTA Oil Producers, LLC
Designated Operator & OGRID (affiliation if applicable)	260297
Applicant's Counsel:	Dana S. Hardy
Case Title:	Application of BTA Oil Producers, LLC for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	COG Operating, LLC; Devon Energy Production Company, LP
Well Family	White Wing
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Third Bone Spring Sand, 10,596' MD to 11,416' MD
Pool Name and Pool Code:	Antelope Ridge; West Pool, Code 2209
Well Location Setback Rules:	Horizontal Well Rules, NMAC 19.15.16.15
Spacing Unit Size:	40 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640 acres
Building Blocks:	40-acre tracts
Orientation:	South-North
Description: TRS/County	E/2 of Sections 18 and 19, Township 23 South, Range 34 East
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	Yes - depths above 10,596' MD and below 11,416' MD, Exhibit A
Proximity Tracts: If yes, description	n/a
Proximity Defining Well: if yes, description	n/a
Applicant's Ownership in Each Tract	Exhibit A-5
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed

Well #1	White Wing 7909 18-19 Fed Com #3H: SHL 210' FNL and 1695 FEL in Section 18; BHL 50' FSL and 1980' FWL in Section 19, Standup, Standard
Well #2	White Wing 7909 18-19 Fed Com #4H: SHL 210' FNL and 1665 FEL in Section 18; BHL 50' FSL and 600' FEL in Section 19, Standup, Standard
Horizontal Well First and Last Take Points	White Wing 7909 18-19 Fed Com #3H: FTP 100' FNL and 1,980' FEL in Section 18 and LTP 100' FSL and 1,980' FEL in Section 19. 'White Wing 7909 18-19 Fed Com #4H well: FTP 100' FNL and 600' FEL in Section 18 and LTP 100' FSL and 600' FEL in Section 19.
Completion Target (Formation, TVD and MD)	White Wing 7909 18-19 Fed Com #3H: TVD 11,355' and TMD 21,663' 'White Wing 7909 18-19 Fed Com #4H: TVD 11,355' and TMD 21,663'
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000, Exhibit A
Production Supervision/Month \$	\$800, Exhibit A
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%, Exhibit A
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit A-12
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit A-13
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit A-14
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-5
Tract List (including lease numbers and owners)	Exhibit A-5
Pooled Parties (including ownership type)	Exhibit A-8
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	Exhibit A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-9
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-7

Chronology of Contact with Non-Joined Working Interests	Exhibit A-10
Overhead Rates In Proposal Letter	Exhibit A-9
Cost Estimate to Drill and Complete	Exhibit A-15
Cost Estimate to Equip Well	Exhibit A-15
Cost Estimate for Production Facilities	Exhibit A-15
<b>Geology</b>	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B
Target Formation	Third Bone Spring Sand
HSU Cross Section	Exhibit B-5
Depth Severance Discussion	Exhibit B
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-4
Tracts	Exhibit A-5
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-6
General Location Map (including basin)	Exhibit A-3
Well Bore Location Map	Exhibits B-2, B-3
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-5
<b>Additional Information</b>	
Special Provisions/Stipulations	None
<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):	Dana S. Hardy
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	9/8/2020

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

**APPLICATION OF BTA OIL PRODUCERS, LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 21405**

**SELF-AFFIRMED STATEMENT OF  
KRISTEEN RAMOS**

1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein.

2. I am a landman for BTA Oil Producers, LLC (“BTA”). I have had direct involvement with BTA’s development of the 640-acre, more or less, standard horizontal spacing unit (“HSU”) that is the subject of BTA’s application in this case. A copy of the application is attached as Exhibit A-1.

3. I have not previously testified before the Division. A copy of my resume is attached as Exhibit A-2.

**A. Proposed Horizontal Spacing Unit**

4. The proposed HSU is comprised of the E/2 of Sections 18 and 19, Township 23 South, Range 34 East in Lea County, New Mexico. A general location map depicting the proposed HSU is attached as Exhibit A-3.

5. BTA seeks to pool all uncommitted interests in the Bone Spring formation underlying the HSU from the stratigraphic equivalent of 10,596’ MD to 11,416’ MD as observed on the Baker Hughes Compensated Z-Densilog/Compensated Neutron Log run on 12/3/2003 in the 7909 JV-P Bell Lake #2 wellbore (API No. 30-025-34827).

Case No. 21405

**BTA OIL  
Exhibit A**

6. The HSU will be dedicated to the following wells:
  - (1) the White Wing 7909 18-19 Fed Com #3H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit O in Section 19. The first take point is 100' FNL and 1,980' FEL and the last take point is 100' FSL and 1,980' FEL. The TVD is 11,355' and the TMD is 21,663'.
  - (2) the White Wing 7909 18-19 Fed Com #4H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit P in Section 19. The first take point is 100' FNL and 600' FEL and the last take point is 100' FSL and 600' FEL. The TVD is 11,355' and the TMD is 21,663'.
7. The proposed wells will be completed from North to South, and the completed intervals of the wells will be orthodox.
8. The proposed wells are located in the Antelope Ridge; West Pool, Code 2209. With respect to well setback requirements, this pool is subject to the statewide horizontal well rules set out in NMAC 19.15.16.15. The primary product in the pool is oil. Spacing in this pool is based on quarter-quarter sections, and the HSU is constructed based on quarter-quarter sections.
9. The C-102s for the proposed wells are attached as Exhibit A-4.

**B. Ownership Determination**

10. A plat of the tracts included in the HSU and the associated ownership interests is attached as Exhibit A-5, and a recapitulation is attached as Exhibit A-6.
11. A list of the tract ownership is attached as Exhibit A-7.
12. A list of the pooled parties is attached as Exhibit A-8.
13. There are no unlocatable interests.

14. Depth severances in the HSU have been established by leases and assignments. The S/2 of Section 18 is covered by two federal leases and the N/2 is fee. A joint operating agreement (“JOA”) governs all of Section 18 at depths from the top of the Bone Spring formation or 8,612’ to the top of the Cisco formation or 12,104’. Some of the fee leases covered by this JOA have expired and are not subject to the JOA. Section 19 is covered by two federal leases, and a JOA governs the E/2 of Section 19 from 8,614’ to the base of the Bone Spring formation. Various assignments of each of the federal leases also create depth severances. As a result of these depth severances, BTA seeks to pool uncommitted interests in the Bone Spring formation underlying the HSU from the stratigraphic equivalent of 10,596’ MD to 11,416’ MD as observed on the Baker Hughes Compensated Z-Densilog/Compensated Neutron Log run on 12/3/2003 in the 7909 JV-P Bell Lake #2 wellbore (API No. 30-025-34827).

15. BTA has the right to pool any overriding royalty owners in the HSU.

### **C. Joinder**

16. I sent well proposal letters to the uncommitted interests on June 22, 2020. I subsequently had follow-up communications with them. My well proposal letter is attached as Exhibit A-9. A summary of my follow-up contacts with the uncommitted interests is attached as Exhibit A-10.

17. A list of interest owners is attached as Exhibit A-11.

18. 39.889819% of the working interests are committed to the proposed well.

19. In my opinion, BTA has made a good faith effort to obtain the voluntary joinder of uncommitted interests in the proposed wells.

### **D. Notice of Hearing**

20. BTA’s proposed notice of hearing is attached as Exhibit A-12.

21. At my direction, notice of BTA's application and the Division hearing was provided to the uncommitted interests at least 20 days prior to the hearing date. The notice letter and associated receipts are attached as Exhibit A-13.

22. Notice of BTA's application and the Division hearing was published more than ten business days prior to the hearing date. The affidavits of publication are attached as Exhibit A-14.

23. BTA conducted a diligent, good-faith effort to identify the correct addresses of persons entitled to notice and has complied with the Division's notice requirements.

### **E. Drilling and Operating Costs**

24. The AFEs for the proposed wells are attached as Exhibit A-15. The estimated cost of the well is fair and reasonable and is comparable to the cost of other wells of similar depth and length drilled in Lea County.

25. BTA requests overhead and administrative rates of \$8,000 per month while the well is being drilled and \$800 per month while the well is producing. These rates are fair and are comparable to the rates charged by BTA and by other operators in the vicinity. They are also the rates set forth in the Joint Operating Agreement for the HSU. BTA further requests that the rates be adjusted periodically in accordance with the COPAS Accounting Procedure.

26. BTA requests that it be designated the operator of the well.

27. BTA also requests that a 200% risk charge be assessed against the uncommitted interests if they are non-consenting working interest owners.

28. The attached exhibits attached were either prepared by me or under my supervision, or were compiled from company business records.

29. In my opinion, the granting of BTA's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

30. 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 29 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.

Kristeen Ramos  
Kristeen Ramos

9/4/20  
Date

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

APPLICATION OF BTA OIL PRODUCERS, LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO

Case No. 21405

APPLICATION

Pursuant to NMSA § 70-2-17, BTA Oil Producers, LLC (“BTA”) applies for an order pooling all uncommitted mineral interests in the Bone Spring formation (from the stratigraphic equivalent of 10,596’ MD to 11,416’ MD as observed on the Baker Hughes Compensated Z-Densilog/Compensated Neutron Log run on 12/3/2003 in the 7909 JV-P Bell Lake #2 wellbore (API No. 30-025-34827)) in a 640-acre, more or less, standard horizontal spacing unit comprised of the E/2 of Sections 18 and 19, Township 23 South, Range 34 East in Lea County, New Mexico. In support of its application, BTA states:

1. BTA (OGRID No. 260297) is a working interest owner in the subject lands and has the right to drill wells thereon.
2. The proposed horizontal spacing unit will be dedicated to the following wells:
  - the White Wing 7909 18-19 Fed Com #3H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit O in Section 19; and
  - the White Wing 7909 18-19 Fed Com #4H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit P in Section 19.
3. The completed intervals for the wells will be orthodox.
4. BTA has undertaken diligent, good-faith efforts to obtain voluntary agreements from the mineral interest owners in the proposed horizontal spacing unit to participate in the wells but has been unable to obtain voluntary agreements from all of the mineral interest owners.

5. The pooling of all uncommitted mineral interests in the Bone Spring formation, as set forth above, underlying the E/2 of Sections 18 and 19 will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

6. In order to allow BTA to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted mineral interests in the horizontal spacing unit should be pooled.

WHEREFORE, BTA requests that this application be set for hearing on September 10, 2020 and that, after notice and hearing, the Division enter an order:

A. Pooling all uncommitted mineral interests in the Bone Spring formation, as set forth above, underlying the E/2 of Sections 18 and 19, Township 23 South, Range 34 East;

B. Designating BTA as the operator of the White Wing 7909 18-19 Fed Com #3H and #4H wells;

C. Authorizing BTA to recover its costs of drilling, equipping, and completing the wells and allocating the costs among the working interest owners;

D. Approving the actual operating charges and costs of supervision during drilling and after completion, together with a provision for adjusting the rates pursuant to the COPAS accounting procedure; and

E. Imposing a 200% penalty for the risk assumed by BTA in drilling and completing the White Wing 7909 18-19 Fed Com #3H and #4H wells against any mineral interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Dioscorro "Andy" Blanco

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 982-8623

dhardy@hinklelawfirm.com

dblanco@hinklelawfirm.com

*Counsel for BTA Oil Producers, LLC*

# KRISTEEN RAMOS, RPL

4403 Westminister  
Midland, Texas 79707  
Cell – (432) 634-1939  
E-mail: [krstnram@sbcglobal.net](mailto:krstnram@sbcglobal.net)

## PROFESSIONAL WORK EXPERIENCE

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**2007 – Current**

**BTA Oil Producers, LLC**

**Midland, TX**

***Landman (2011 – Current)***

- Review, negotiate, and prepare land agreements, including Oil and Gas Leases, Operating Agreements, Farmout Agreements, Assignments, Surface Agreements, and various Letter Agreements, etc.
- Establish and maintain strong relationships with working interest parties, mineral owners, and surface owner
- Analyze and evaluate title and tile opinions and perform curative work
- Calculate oil and gas interest ownership, including working interests, net revenue interest, and royalty interest
- Communicate effectively with a multi-disciplined team including attorneys, geologists and engineers to prepare properties for drilling, recompletions, reworks, and P&As
- Assist with property sales and acquisitions

***Administrative Landman (2007 – 2011)***

- Review and process transfers of ownership
- Communicate with interest owners on documentation needed to transfer ownership
- Review Title Opinions to produce revenue and pay decks
- Create and distribute Division Orders
- Process changes of address

## EDUCATION

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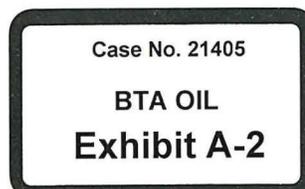
**1993-1998 Midland College**

**Midland, TX**

## PERSONAL DATA

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- Registered Professional Landman
- Member of American Association of Professional Landmen
- Member of Permian Basin Landman Association
- Notary Public



- Proficient computer skills with ability to use Microsoft Office, Word, and Excel
- Excellent written and verbal communication skills

**LEGEND:**



BTA White Wing Lease



Horizontal Spacing Units



**BTA Oil Producers, LLC**

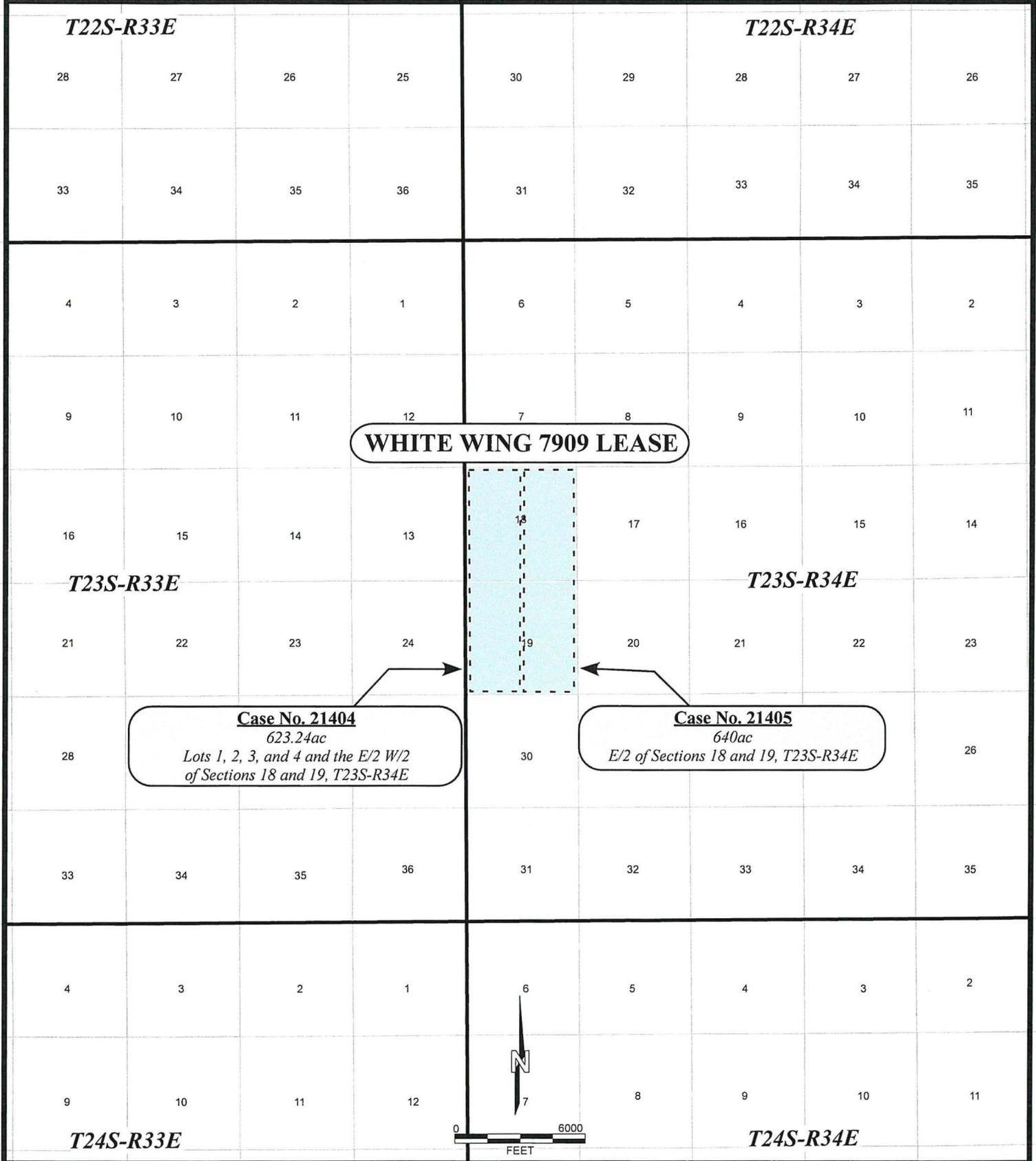
**WHITE WING 7909  
PROPOSED HORIZONTAL SPACING UNIT  
LOCATION MAP**

*Lea County, New Mexico*

Case No. 21405

BTA OIL

**Exhibit A-3**



DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
DISTRICT III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

□ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name <b>WHITE WING 7909 18-19 FED COM</b>	Well Number <b>3H</b>
OGRID No.	Operator Name <b>BTA OIL PRODUCERS, LLC</b>	Elevation <b>3488'</b>

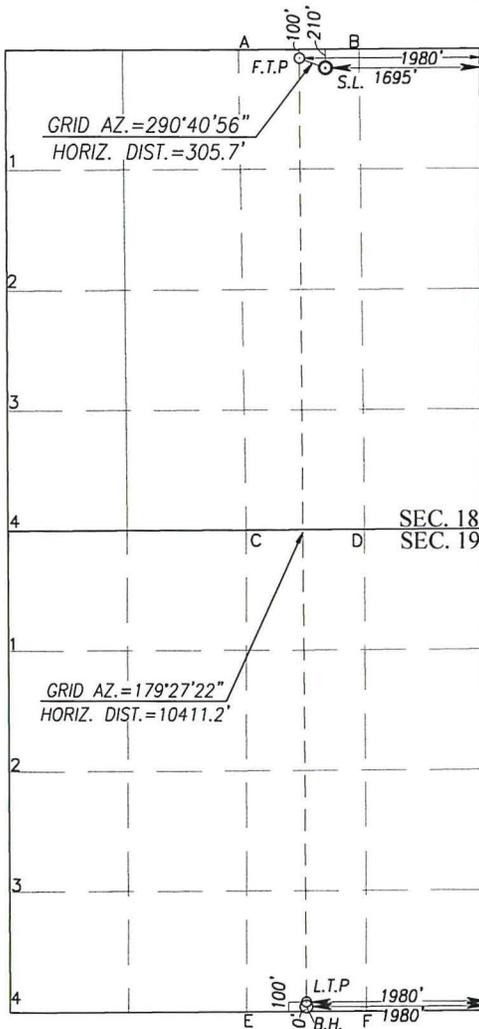
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	23-S	34-E		210	NORTH	1695	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	19	23-S	34-E		50	SOUTH	1980	EAST	LEA
Dedicated Acres	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



SCALE: 1"=2000'

<b>GEODETIC COORDINATES</b> NAD 83 NME SURFACE LOCATION Y= 477970.2 N X= 796883.6 E LAT.=32.311302° N LONG.=103.506165° W	<b>GEODETIC COORDINATES</b> NAD 27 NME SURFACE LOCATION Y= 477910.5 N X= 755700.3 E LAT.=32.311178° N LONG.=103.505685° W
<b>FIRST TAKE POINT</b> NAD 83 NME Y= 478078.2 N X= 796597.7 E LAT.=32.311605° N LONG.=103.507087° W	<b>FIRST TAKE POINT</b> NAD 27 NME Y= 478018.5 N X= 755414.4 E LAT.=32.311481° N LONG.=103.506607° W

CORNER COORDINATES TABLE  
NAD 27 NME

A - Y= 478113.6 N, X= 754744.2 E
B - Y= 478123.2 N, X= 756068.6 E
C - Y= 472834.6 N, X= 754802.9 E
D - Y= 472843.6 N, X= 756123.1 E
E - Y= 467555.5 N, X= 754852.8 E
F - Y= 467564.5 N, X= 756172.9 E

CORNER COORDINATES TABLE  
NAD 83 NME

A - Y= 478173.2 N, X= 795927.5 E
B - Y= 478182.9 N, X= 797251.9 E
C - Y= 472894.1 N, X= 795986.3 E
D - Y= 472903.2 N, X= 797306.5 E
E - Y= 467614.9 N, X= 796036.4 E
F - Y= 467623.9 N, X= 797356.5 E

<b>LAST TAKE POINT</b> NAD 83 NME Y= 467719.3 N X= 796696.1 E LAT.=32.283131° N LONG.=103.507027° W	<b>LAST TAKE POINT</b> NAD 27 NME Y= 467660.0 N X= 755512.5 E LAT.=32.283007° N LONG.=103.506548° W
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<b>BOTTOM HOLE LOCATION</b> NAD 83 NME Y= 467669.4 N X= 796696.5 E LAT.=32.282994° N LONG.=103.507027° W	<b>BOTTOM HOLE LOCATION</b> NAD 27 NME Y= 467610.0 N X= 755513.0 E LAT.=32.282870° N LONG.=103.506548° W
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**OPERATOR CERTIFICATION**

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

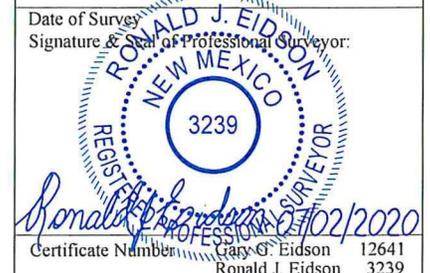
Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
E-mail Address \_\_\_\_\_

**SURVEYOR 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.

APR 12 2017

Date of Survey \_\_\_\_\_  
Signature & Seal of Professional Surveyor:



Certificate Number: Gary G. Eidson 12641  
Ronald J. Eidson 3239

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
DISTRICT II  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name WHITE WING 7909 18-19 FED COM	Well Number 4H
OGRID No.	Operator Name BTA OIL PRODUCERS, LLC	Elevation 3489'

Surface Location

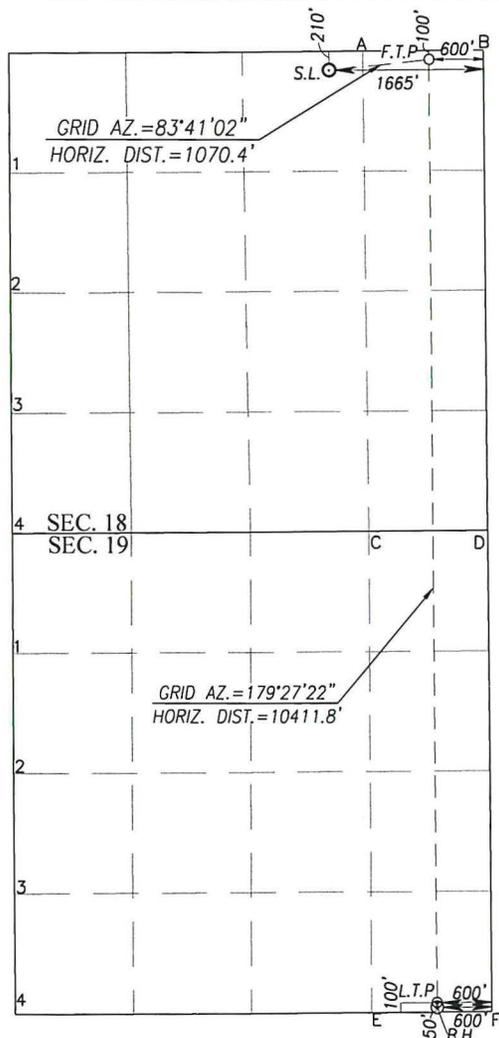
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	23-S	34-E		210	NORTH	1665	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	19	23-S	34-E		50	SOUTH	600	EAST	LEA

Dedicated Acres	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



SCALE: 1"=2000'

<b>GEODETIC COORDINATES</b> NAD 83 NME SURFACE LOCATION Y= 477970.5 N X= 796913.7 E LAT.=32.311302° N LONG.=103.506067° W	<b>GEODETIC COORDINATES</b> NAD 27 NME SURFACE LOCATION Y= 477910.8 N X= 755730.3 E LAT.=32.311179° N LONG.=103.505587° W
<b>FIRST TAKE POINT</b> NAD 83 NME Y= 478088.2 N X= 797977.4 E LAT.=32.311604° N LONG.=103.502622° W	<b>FIRST TAKE POINT</b> NAD 27 NME Y= 478028.6 N X= 756794.1 E LAT.=32.311480° N LONG.=103.502142° W

CORNER COORDINATES TABLE

NAD 27 NME	
A - Y= 478123.2 N, X= 756068.6 E	
B - Y= 478132.9 N, X= 757393.0 E	
C - Y= 472843.6 N, X= 756123.1 E	
D - Y= 472852.7 N, X= 757443.3 E	
E - Y= 467564.5 N, X= 756172.9 E	
F - Y= 467573.5 N, X= 757493.1 E	

CORNER COORDINATES TABLE

NAD 83 NME	
A - Y= 478182.9 N, X= 797251.9 E	
B - Y= 478192.6 N, X= 798576.3 E	
C - Y= 472903.2 N, X= 797306.5 E	
D - Y= 472912.3 N, X= 798626.7 E	
E - Y= 467623.9 N, X= 797356.5 E	
F - Y= 467632.8 N, X= 798676.6 E	

<b>LAST TAKE POINT</b> NAD 83 NME Y= 467728.7 N X= 798075.8 E LAT.=32.283127° N LONG.=103.502563° W	<b>LAST TAKE POINT</b> NAD 27 NME Y= 467669.4 N X= 756892.7 E LAT.=32.283004° N LONG.=103.502084° W
--	--

<b>BOTTOM HOLE LOCATION</b> NAD 83 NME Y= 467678.7 N X= 798076.3 E LAT.=32.282990° N LONG.=103.502563° W	<b>BOTTOM HOLE LOCATION</b> NAD 27 NME Y= 467619.4 N X= 756892.7 E LAT.=32.282866° N LONG.=103.502084° W
---	---

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

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

E-mail Address \_\_\_\_\_

SURVEYOR 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.

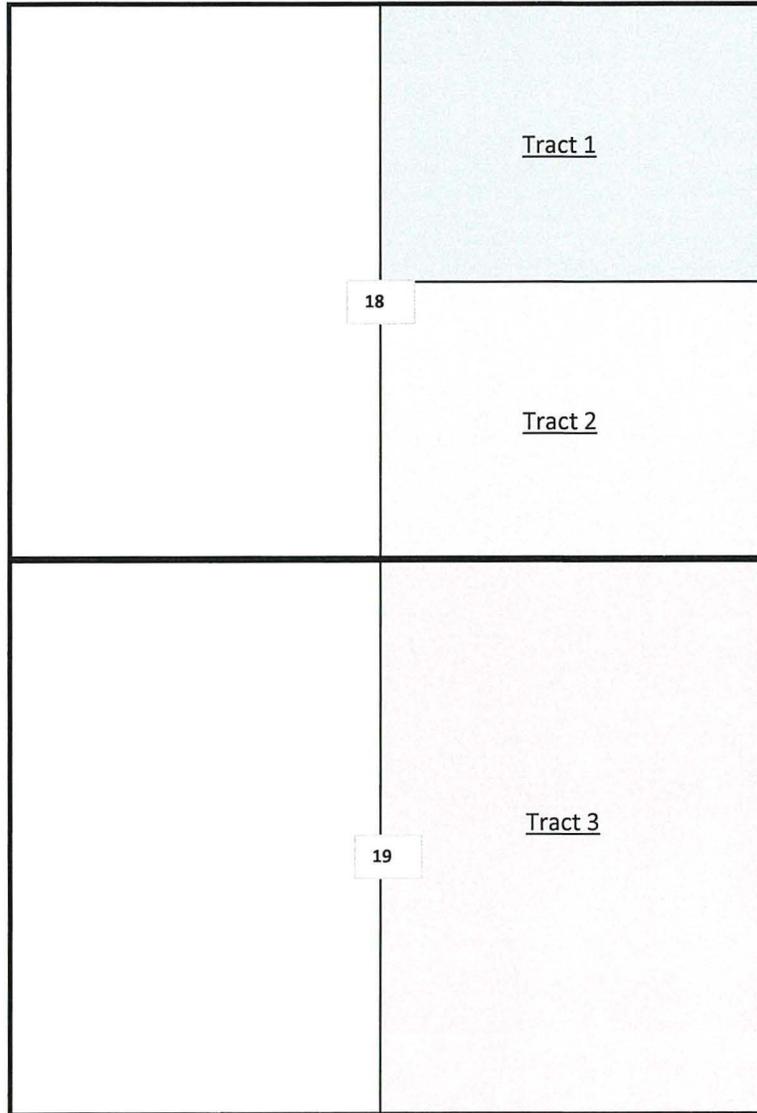
APR 12, 2017

Date of Survey \_\_\_\_\_  
Signature & Seal of Professional Surveyor: \_\_\_\_\_

Ronald J. Eidson  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
3239  
Certificate Number: Ronald J. Eidson 12641  
Ronald J. Eidson 3239  
LSL Rel. W.O.: 17.11.0356 JWSC W.O.: 20.11.0269

SECTION PLAT

East Half of Section 18 and East Half of Section 19,  
Township 23 South, Range 34 East,  
County of Lea, State of New Mexico



Tract 1: NE/4 of Section 18 (160.00 acres) - Fee

BTA Oil Producers, LLC  
Chevron U.S.A. Inc.  
COG Operating LLC  
MRC Permian Company  
Ray Westall

18.758321% WI  
21.160414% WI  
15.193762% WI  
43.75000% WI  
1.137503% WI

Case No. 21405  
BTA OIL  
Exhibit A-5

Total: 100.000000% WI

Tract 2: SE/4 of Section 18 (160.00 acres) - USA Lease No. NMLC 065194

BTA Oil Producers, LLC	33.348126% WI
Chevron U.S.A. Inc.	37.618514% WI
COG Operating LLC	27.011133% WI
Ray Westall	2.022227% WI

Total: 100.000000% WI

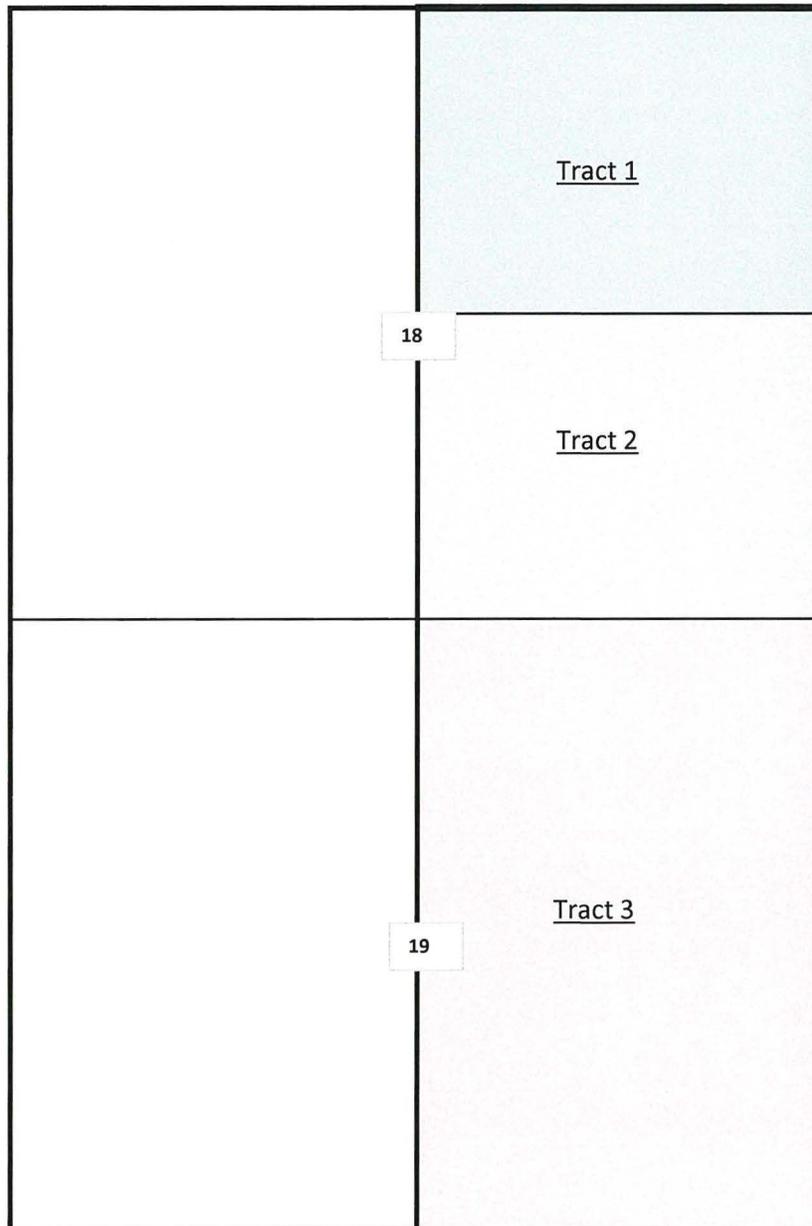
Tract 3: E/2 of Section 19 (320.00 acres) - USA Lease No. NMNM 068820

Chevron U.S.A. Inc.	22.750000% WI
Devon Energy Production Co., L. P.	25.000000% WI
COG Operating LLC	52.250000% WI

Total: 100.000000% WI

RECAPITULATION

Tract Number	Number of Acres Committed	Percentage of Interest in
1	160.00	25.000000%
2	160.00	25.000000%
3	320.00	50.000000%
TOTAL	640.00	100.000000%



Case No. 21405  
BTA OIL  
**Exhibit A-6**

**White Wing 7909 - E/2 of Sections 18 and 19, T23S, R34E**  
**Unit Ownership**

BTA Oil Producers, LLC 104 S. Pecos, Midland, Texas 79701	13.028231% WI
Chevron U.S.A. Inc. 6301 Deauville Boulevard, Midland, Texas 79706	26.071558% WI
COG Operating LLC 600 West Illinois Avenue, Midland, Texas 79701	36.677535% WI
Devon Energy Production Co., L. P. 333 West Sheridan Avenue, Oklahoma City, Oklahoma 73102	12.500000% WI
MRC Permian Company One Lincoln Centre, 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240	10.932646% WI
Ray Westall 132447 Lovington Highway, Loco Hills, New Mexico 88255	.790030% WI
<b>Total</b>	<b>100.000000% WI</b>



## Tract Ownership

### Tract 1 - NE/4 of Section 18 (160.00 acres):

BTA Oil Producers, LLC 18.758321% WI  
104 S. Pecos, Midland, Texas 79701

Chevron U.S.A. Inc. 21.160414% WI  
6301 Deauville Boulevard, Midland, Texas 79706

COG Operating LLC 15.193762% WI  
600 West Illinois Avenue, Midland, Texas 79701

MRC Permian Company 43.750000% WI  
One Lincoln Centre, 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240

Ray Westall 1.137503% WI  
132447 Lovington Highway, Loco Hills, New Mexico 88255

**Total 100.000000% WI**

### Tract 2 - SE/4 of Section 18 (160.00 acres):

BTA Oil Producers, LLC 33.348126% WI  
104 S. Pecos, Midland, Texas 79701

Chevron U.S.A. Inc. 37.618514% WI  
6301 Deauville Boulevard, Midland, Texas 79706

COG Operating LLC 27.011133% WI  
600 West Illinois Avenue, Midland, Texas 79701

Ray Westall 2.022227% WI  
132447 Lovington Highway, Loco Hills, New Mexico 88255

**Total 100.000000% WI**

**Tract 3 - E/2 of Section 19 (320.00 acres):**

Chevron U.S.A. Inc. 22.750000% WI  
6301 Deauville Boulevard, Midland, Texas 79706

Devon Energy Production Co., L. P. 25.000000% WI  
333 West Sheridan Avenue, Oklahoma City, Oklahoma 73102

COG Operating LLC 52.250000% WI  
600 West Illinois Avenue, Midland, Texas 79701

**Total 100.000000% WI**

**White Wing 7909 - E/2 of Sections 18 and 19, T23S, R34E**

**Pooled Parties**

**Leasehold Interest:**

COG Operating LLC  
600 West Illinois Avenue  
Midland, Texas 79701

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

MRC Permian Company  
One Lincoln Centre  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240





**BTA OIL PRODUCERS, LLC**

104 SOUTH PECOS STREET  
MIDLAND, TEXAS 79701-5021  
432-682-2753  
FAX 432-683-0311

CARLTON BEAL, JR.  
BARRY BEAL  
SPENCER BEAL  
KELLY BEAL  
BARRY BEAL, JR.  
STUART BEAL  
ROBERT DAVENPORT, JR.

**GULF COAST DISTRICT**  
TOTAL PLAZA  
1201 LOUISIANA STREET, STE 570  
HOUSTON, TEXAS 77002  
713-658-0077 FAX 713-655-0346

**ROCKY MOUNTAIN DISTRICT**  
600 17TH STREET, STE. 2230 SOUTH  
DENVER, COLORADO 80202  
303-534-4404 FAX 303-534-4661

June 22, 2020

FEDERAL EXPRESS OVERNIGHT DELIVERY

In re: Well Proposals  
BTA White Wing 7909 18-19 Fed Com #1H (B3DM)  
BTA White Wing 7909 18-19 Fed Com #2H (B3CN)  
BTA White Wing 7909 18-19 Fed Com #3H (B3DM)  
BTA White Wing 7909 18-19 Fed Com #4H (B3AP)  
Sections 18 and 19, T-23-S, R-34-E,  
Lea County, New Mexico

---

Gentlemen:

BTA Oil Producers, LLC (“BTA”) proposes to drill the following wells (“the Wells”):

- **BTA White Wing 7909 18-19 Fed Com #1H (B3DM) (“the White Wing #1H”):** The proposed well will be drilled as a horizontal well with a surface hole location at 530’ FNL 1,340’ FWL of Section 18, T23S, R34E, and a bottom hole location at 50’ FSL 600’ FWL of Section 19, T23S, R34E. The subject well will be drilled to a TVD of approximately 11,400’ and a MD of approximately 21,708’ to test the Bone Spring formation. The anticipated spud date of the White Wing #1H is in the first quarter of 2021
- **BTA White Wing 7909 18-19 Fed Com #2H (B3CN) (“the White Wing #2H”):** The proposed well will be drilled as a horizontal well with a surface hole location at 530’ FNL 1,370’ FWL of Section 18, T23S, R34E, and a bottom hole location at 50’ FSL 1,980’ FWL of Section 19, T23S, R34E. The subject well will be drilled to a TVD of approximately 11,400’ and a MD of approximately 21,708’ to test the Bone Spring formation. The anticipated spud date of the White Wing #2H is in the first quarter of 2021.
- **BTA White Wing 7909 18-19 Fed Com #3H (B3BO) (“the White Wing #3H”):** The proposed well will be drilled as a horizontal well with a surface hole location at 210’ FNL 1,695’ FEL of Section 18, T23S, R34E, and a bottom hole location at 50’ FSL 1,980’ FEL of Section 19, T23S, R34E. The subject well will be drilled to a TVD of approximately 11,355’ and a MD of approximately 21,663’ to test the Bone Spring formation. The anticipated spud date of the White Wing #3H is in the first quarter of 2021.

Case No. 21405

**BTA OIL**  
**Exhibit A-9**

- **BTA White Wing 7909 18-19 Fed Com #4H (B3AP) (“the White Wing #4H”)**: The proposed well will be drilled as a horizontal well with a surface hole location at 210’ FNL 1,665’ FEL of Section 18, T23S, R34E, and a bottom hole location at 50’ FSL 600’ FEL of Section 19, T23S, R34E. The subject well will be drilled to a TVD of approximately 11,355’ and a MD of approximately 21,663’ to test the Bone Spring formation. The anticipated spud date of the White Wing #4H is in the first quarter of 2021.

I am enclosing Authority for Expenditures (“AFEs”) for each of the Wells. These AFEs itemize the estimated cost of drilling, testing, completing, and equipping each well.

BTA is proposing to drill the Wells under the terms of the attached modified 1989 A.A.P.L form of Operating Agreement dated June 15, 2020, by and between BTA Oil Producers, LLC, as Operator and COG Operating LLC, et al, as Non-Operators covering all of Section 18 and all of Section 19, Township 23 South, Range 34 East, Lea County, New Mexico, and has the following general provisions:

- 100/300/300 Non-consent penalty
- \$8,000.00/\$800 Drilling Well Rate/Producing Well Rate
- BTA Oil Producers, LLC named as Operator

Should you elect to participate in the drilling of the Wells, please so indicate in the spaces provided below and return a signed copy of this letter, the signed AFEs, and the executed Operating Agreement within 30 days of receipt. In the event that no election is received, BTA will submit an application for a Compulsory Pooling Order with the New Mexico Oil Conservation Division.

BTA reserves the right to modify the locations and drilling plans described above and will advise you should any modifications occur.

Should you have any questions, or wish to discuss, please contact me at (432) 682-3753.

Sincerely,



Kristeen Ramos  
Landman

**Chevron U.S.A. Inc.**

\_\_\_\_\_ Elects **to Participate** for its proportionate share of costs to drill, test, compete, and equip the BTA White Wing 7909 18-19 Fed Com #1H (B3DM) well.

\_\_\_\_\_ Elects **not to participate** in the BTA White Wing 7909 18-19 Fed Com #1H (B3DM) well.

\_\_\_\_\_ Elects **to Participate** for its proportionate share of costs to drill, test, compete, and equip the BTA White Wing 7909 18-19 Fed Com #2H (B3CN) well.

\_\_\_\_\_ Elects **not to participate** in the BTA White Wing 7909 18-19 Fed Com #2H (B3CN) well.

\_\_\_\_\_ Elects **to Participate** for its proportionate share of costs to drill, test, compete, and equip the BTA White Wing 7909 18-19 Fed Com #3H (B3BO) well.

\_\_\_\_\_ Elects **not to participate** in the BTA White Wing 7909 18-19 Fed Com #3H (B3BO) well.

\_\_\_\_\_ Elects **to Participate** for its proportionate share of costs to drill, test, compete, and equip the BTA White Wing 7909 18-19 Fed Com #4H (B3AP) well.

\_\_\_\_\_ Elects **not to participate** in the BTA White Wing 7909 18-19 Fed Com #4H (B3AP) well.

**Chevron U.S.A. Inc.**

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

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

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

## Summary of Communications

Devon Energy Production Co., L. P.

- 1) 6/22/2020 -Emailed and sent via Federal Express Overnight service the well proposals and proposed Operating Agreement to Andy Bennett
- 2) 6/23/2020 -Email correspondence with Andy Bennett discussing Devon's WI/NRI in the White Wing development
- 3) 6/24/2020 -Email correspondence with Andy Bennett regarding Devon's NRI in the White Wing development
- 4) 6/30/2020 -Email correspondence with Andy Bennett regarding Devon's NRI and the possibility of moving forward with pooling hearing
- 5) 6/30/2020 -Britton McQuien and Kristeen Ramos had a telephone meeting with Andy Bennett to discuss the intended target and timing
- 6) 7/16/20 - Mailed a replacement Exhibit A to the JOA and discussed the Exhibit A by telephone with Andy Bennett
- 7) 8/6/2020 -Discussed our plans to file pooling applications with Andy Bennett via email
  
- 8) 8/27/20 -Emailed Andy Bennett a copy of the JOA that BTA and Chevron agreed upon
- 9) 8/27/2020 -Emailed Andy Bennett to discuss timing and well permits
- 10) 8/31/20 -Telephone and email correspondence with Andy Bennett regarding Devon's proposed letter agreement exempting Devon from the cash call requirement in the potential pooling order in exchange for exempting Devon from cash call requirement
  
- 11) 9/3/20 - Willis Price and Kristeen Ramos had a telephone conference with Andy Bennett and Jill Lee to discuss pre pooling letter agreement, proposed JOA, Devon's interest in the White Wing development, and the upcoming hearing

COG Operating LLC

- 1) 6/22/2020 -Emailed and sent via Federal Express Overnight service the well proposals and proposed Operating Agreement to Maggie McDaniel
- 2) 7/9/2020 - Email correspondence with Maggie discussing COG's interest in the White Wing development, BTA's plan for development, and responses from other parties in the JOA
  
- 3) 7/13/2020 -Email correspondence with Maggie offering a proposal to carry COG in the development
- 4) 7/16/20 -Mailed a replacement Exhibit A to the JOA and discussed with Maggie via email
- 5) 8/27/20 -Email correspondence with Maggie providing spreadsheets and calculations for COG's interest in the development
- 6) 8/27/2020 -Emailed Maggie McDaniel to discuss timing and well permits
- 7) 9/1/20 -Email correspondence with Maggie regarding leases covered by proposed JOA
- 8) 9/4/20 -COG emailed BTA a proposed letter agreement
- 9) 9/8/20 -Emailed Maggie BTA's proposed amendment to letter agreement and received COG's approval. BTA executed and returned the letter agreement
- 10) 9/8/2020 -Emailed Maggie McDaniel the final version of the JOA that was agreed upon with Chevron

MRC Permian Company

- 1) 6/22/2020 -Emailed and sent via Federal Express Overnight service the well proposals and proposed Operating Agreement to Chris Carleton
- 2) 7/8/2020 -Willis Price and Kristeen Ramos had a telephone conference with Chris Carleton and David Johns at MRC regarding BTA's timing, target, and proposed JOA
- 3) 7/16/20 -Mailed a replacement Exhibit A to the JOA
- 4) 8/10/20 -Email correspondence with Chris Carleton discussing BTA's drilling plans and timing
- 5) 8/12/20 -Email correspondence with David Johns regarding frac design and geology
- 6) 8/27/2020 -Emailed Chris Carleton to discuss timing and well permits
- 7) 9/2/2020 -Emailed Chris Carleton and Nick Weeks the final version of the JOA that was agreed upon with Chevron

Case No. 21405

**BTA OIL**  
**Exhibit A-10**

White Wing 7909 – E/2 of Sections 18 and 19, T23S, R34E  
Unit Ownership

BTA Oil Producers, LLC 104 S. Pecos, Midland, Texas 79701	13.028231% WI
Chevron U.S.A. Inc. 6301 Deauville Boulevard, Midland, Texas 79706	26.071558% WI
COG Operating LLC 600 West Illinois Avenue, Midland, Texas 79701	36.677535% WI
Devon Energy Production Co., L. P. 333 West Sheridan Avenue, Oklahoma City, Oklahoma 73102	12.500000% WI
MRC Permian Company One Lincoln Centre, 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240	10.932646% WI
Ray Westall 132447 Lovington Highway, Loco Hills, New Mexico 88255	0.790030% WI
<b>Total</b>	<b>100.000000% WI</b>



**Application of BTA Oil Producers, LLC for compulsory pooling, Lea County, New Mexico.**

Applicant seeks an order pooling all uncommitted mineral interests in the Bone Spring formation (from the stratigraphic equivalent of 10,596' MD to 11,416' MD as observed on the Baker Hughes Compensated Z-Densilog/Compensated Neutron Log run on 12/3/2003 in the 7909 JV-P Bell Lake #2 wellbore (API No. 30-025-34827)) in a 640-acre, more or less, standard horizontal spacing unit comprised of the E/2 of Sections 18 and 19, Township 23 South, Range 34 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the following wells: (1) White Wing 7909 18-19 Fed Com #3H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit O in Section 19; and (2) White Wing 7909 18-19 Fed Com #4H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit P in Section 19. The completed intervals for the wells will be orthodox. Also to be considered will be the costs of drilling and completing the wells and the allocation of the costs, the designation of BTA Oil Producers LLC as the operator of the wells, and a 200% charge for the risk involved in drilling and completing the well. The wells are located approximately 26 miles northwest of Jal, New Mexico.

Case No. 21405

**BTA OIL**  
**Exhibit A-12**



## HINKLE SHANOR LLP

ATTORNEYS AT LAW

PO BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:

Dana S. Hardy, Partner  
dhardy@hinklelawfirm.com

August 18, 2020

### VIA CERTIFIED MAIL

Chevron U.S.A. Inc.  
6301 Deauville Blvd  
Midland, TX 79706  
Attn: Kristen Hunter

Case No. 21405

**BTA OIL  
Exhibit A-13**

Re: BTA Oil Producers, LLC NMOCD Application

Dear Ms. Hunter:

Enclosed are copies of two applications for compulsory pooling that BTA Oil Producers, LLC ("BTA") has filed with the New Mexico Oil Conservation Division ("the Division").

In Case No. 21404, BTA seeks an order pooling all uncommitted mineral interests in the Bone Spring formation (from the stratigraphic equivalent of 10,596' MD to 11,416' MD as observed on the Baker Hughes Compensated Z-Densilog/Compensated Neutron Log run on 12/3/2003 in the 7909 JV-P Bell Lake #2 wellbore (API No. 30-025-34827)) in a 623.24-acre, more or less, standard horizontal spacing unit comprised of Lots 1, 2, 3, and 4 and the E/2 W/2 of Sections 18 and 19, Township 23 South, Range 34 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the following wells: (1) White Wing 7909 18-19 Fed Com #1H well, which has a surface location in Unit C in Section 18 and a bottom hole location in Lot 4 in Section 19; and (2) White Wing 7909 18-19 Fed Com #2H well, which has a surface location in Unit C in Section 18 and a bottom hole location in Lot 4 in Section 19.

In Case No. 21405, BTA seeks an order pooling all uncommitted mineral interests in the Bone Spring formation (from the stratigraphic equivalent of 10,596' MD to 11,416' MD as observed on the Baker Hughes Compensated Z-Densilog/Compensated Neutron Log run on 12/3/2003 in the 7909 JV-P Bell Lake #2 wellbore (API No. 30-025-34827)) in a 640-acre, more or less, standard horizontal spacing unit comprised of the E/2 of Sections 18 and 19, Township 23 South, Range 34 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the following wells: (1) White Wing 7909 18-19 Fed Com #3H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit O in Section 19; and (2) White Wing 7909 18-19 Fed Com #4H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit P in Section 19.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on September 10, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <http://www.emnrd.state.nm.us/OCD/hearings.html>. Chevron U.S.A. Inc. ("Chevron") is not required to attend the hearing, but as an owner of an interest that may be affected by BTA's

PO BOX 10  
ROSWELL, NEW MEXICO 86202  
575-622-6510  
(FAX) 575-623-9332

PO BOX 1720  
ARTESIA, NEW MEXICO 88211  
575-622-6510  
(FAX) 575-746-6316

PO BOX 2068  
SANTA FE, NEW MEXICO 87504  
505-982-4554  
(FAX) 505-982-8623

7601 JEFFERSON ST NE - SUITE 180  
ALBUQUERQUE, NEW MEXICO 87109  
505-858-8320  
(FAX) 505-858-8321

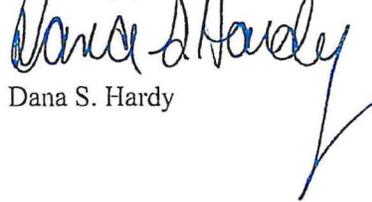
August 18, 2020  
Page 2

application, it may appear at the hearing and present testimony. If Chevron does not appear at that time and become a party of record, it will be precluded from contesting the matter at a later date.

A party appearing in a Division case is required by the Division's Rules to file a Pre-Hearing Statement, which in this matter must be filed no later than Thursday, September 3, 2020. The Pre-Hearing Statement must be filed with the Division and should include: the name of the party and the party's 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 amount of time the party will need to present the party's case; and an identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to me.

Thank you for your attention to this matter.

Very truly yours,

A handwritten signature in blue ink that reads "Dana S. Hardy". The signature is written in a cursive style with a long, sweeping tail that extends downwards and to the right.

Dana S. Hardy

Enclosure

7020 0640 0000 0302 8914

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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent To	Chevron U.S.A. Inc.
Street and Apt. No., or PO Box No.	6301 Deauville Blvd
City, State, ZIP+4®	Midland, TX 79706

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



7020 0640 0000 0302 8907

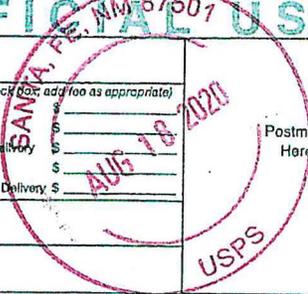
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Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent To	COG Operating LLC
Street and Apt. No., or PO Box No.	600 W. Illinois Avenue
City, State, ZIP+4®	Midland, TX 79701

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



7014 2970 0000 7642 8853

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent To	ConocoPhillips Company
Street and Apt. No., or PO Box No.	600 N. Dairy Ashford
City, State, ZIP+4®	Houston, TX 77079

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



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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  
 \$ \_\_\_\_\_

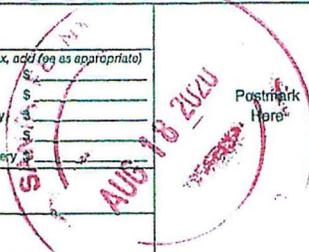
Total Postage and Fees  
 \$ \_\_\_\_\_

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

Street and Apt. No., or PO Box No. \_\_\_\_\_  
 City, State, ZIP+4® \_\_\_\_\_

Devon Energy Production Co.  
 333 W. Sheridan Avenue  
 Oklahoma City, OK 73102

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



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 \$ \_\_\_\_\_

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

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 City, State, ZIP+4® \_\_\_\_\_

MRC Permian Company  
 5400 LBJ Fwy, Suite 1500  
 Dallas, TX 75240

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



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

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

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

Postage  
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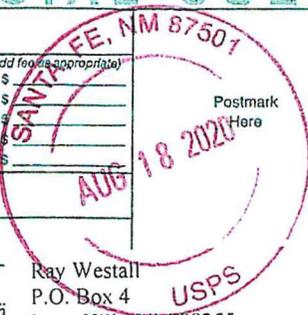
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Ray Westall  
 P.O. Box 4  
 Loco Hills, NM 88255

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



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Certified Mail Fee  
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Extra Services & Fees (check box, add fee as appropriate)  
 Return Receipt (hardcopy) \$ \_\_\_\_\_  
 Return Receipt (electronic) \$ \_\_\_\_\_  
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 Adult Signature Required \$ \_\_\_\_\_  
 Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postmark  
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USPS

Postage  
\$ \_\_\_\_\_  
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TLW Investments, LLC  
1001 Fannin, Suite 2020  
Houston, TX 77002

7019 2970 0000 7642 8846

# Affidavit of Publication

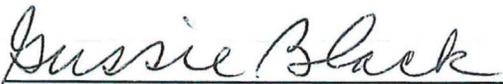
STATE OF NEW MEXICO  
COUNTY OF LEA

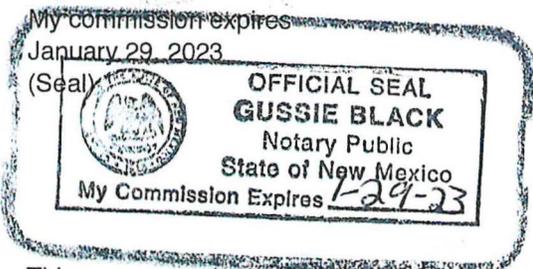
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated  
August 23, 2020  
and ending with the issue dated  
August 23, 2020.

  
\_\_\_\_\_  
Publisher

Sworn and subscribed to before me this  
23rd day of August 2020.

  
\_\_\_\_\_  
Business Manager



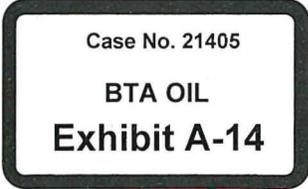
This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL	LEGAL
<b>LEGAL NOTICE</b> August 23, 2020	
<p>This is to notify all interested parties, including Chevron U.S.A. Inc., Devon Energy Production Co., L.P., COG Operating LLC, MRC Permian Company, ConocoPhillips Company, Ray Westall, TLW Investments, LLC, and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by BTA Oil Producers, LLC (Case No. 21405). During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on September 10, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <a href="http://www.emnrd.state.nm.us/OCD/hearings.html">http://www.emnrd.state.nm.us/OCD/hearings.html</a>. Applicant seeks an order pooling all uncommitted mineral interests in the Bone Spring formation (from the stratigraphic equivalent of 10,596' MD to 11,416' MD as observed on the Baker Hughes Compensated Z-Densilog/Compensated Neutron Log run on 12/3/2003 in the 7909 JV-P Bell Lake #2 wellbore (API No. 30-025-34827)) in a 640-acre, more or less, standard horizontal spacing unit comprised of the E/2 of Sections 18 and 19, Township 23 South, Range 34 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the following wells: (1) White Wing 7909 18-19 Fed Com #3H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit O in Section 19; and (2) White Wing 7909 18-19 Fed Com #4H well, which has a surface location in Unit B in Section 18 and a bottom hole location in Unit P in Section 19. The completed intervals for the wells will be orthodox. Also to be considered will be the costs of drilling and completing the wells and the allocation of the costs, the designation of BTA Oil Producers LLC as the operator of the wells, and a 200% charge for the risk involved in drilling and completing the well. The wells are located approximately 26 miles northwest of Jal, New Mexico. #35754</p>	

02107475

00245635

HINKLE, HENSLEY, SHANOR & MARTIN, LLP  
PO BOX 2068  
SANTA FE, NM 87504



**BTA OIL PRODUCERS  
WELL COST ESTIMATE & AUTHORITY FOR EXPENDITURE**

Well Name: *White Wing 7909 18-19 Fed Com #3H (B3BO)*  
 Location: *SHL: 210 FNL 1695 FEL sec 18, 23S, 34E  
 BHL: 50 FSL 1980 FEL sec 19*

Total Depth: *~11,355' TVD  
 ~21,663' MD*

Lea County, NM  
 Date Prepared: *6/4/2020*

Formation: *3rd Bone*

		Prepared By:			
		NE	NE	TW	
		DRY	CASED HOLE	COMPLETION	TOTAL COSTS
<b>INTANGIBLE COSTS</b>					
CODE	FORMATION EVALUATION	\$	\$	\$	\$
2203	Logs	8,000		20,000	28,000
2204	Cores				
2205	DST				
	<b>LOCATION &amp; ACCESS</b>				
2211	Survey & Stake	5,000			5,000
2212	Damages	30,000			30,000
2213	Road & Location	55,000		12,000	67,000
2214	Other Location	135,000			135,000
	<b>DRILLING RIG</b>				
2223	Mobilization	80,000			80,000
2225	Daywork	481,000	74,000		555,000
2226	Footage				
2227	Turnkey				
	<b>DRILLING SUPPLIES</b>				
2232	Bits	55,000			55,000
2233	BHA	65,000		65,000	130,000
2234	Fuel	94,380	14,520		108,900
2236	Other Supplies				
	<b>MUD RELATED</b>				
2241	Mud Purchase	115,000	5,000		120,000
2242	Mud Rental				
2244	Fresh Water	35,000	1,000	900,000	936,000
2245	Brine	35,000			35,000
2246	Solids Control (Closed Loop)	31,200	4,800		36,000
2247	Mud Monitor	28,000			28,000
2249	Mud Related Other	8,000			8,000
	<b>DRILLING SERVICES</b>				
2252	BOP Related	15,000	4,000		19,000
2253	Casing Related	31,000	25,000		56,000
2254	Welding	8,000	2,000		10,000
2255	Trucking	15,000	10,000	54,000	79,000
2256	Rental Equipment	95,000	8,000	310,000	413,000
2257	Other Services (Direction/GR Services)	234,000			234,000
	<b>CEMENT</b>				
2261	Casing Cementing	115,000	45,000		160,000
2262	Other Cementing			150,000	150,000
	<b>CONTRACT SERVICES</b>				
2266	Engineering	8,000			8,000
2267	Geological	22,000			22,000
2268	Roustabout	6,000		15,000	21,000
2269	Wellsite Supervision	70,200	10,800	60,000	141,000
2270	Other Contract Services	25,000			25,000
	<b>COMPLETION SERVICES</b>				
2272	Pulling Unit			40,000	40,000
2273	Drilling Rig				
2276	Perforate			350,000	350,000
2277	Stimulation			2,600,000	2,600,000
2278	Other Compl. Services			220,000	220,000
	<b>OVERHEAD</b>				
2280	Drilling & Administrative	10,000		10,000	20,000
	<b>TOTAL INTANGIBLE COSTS</b>	\$ 1,914,780	\$ 204,120	\$ 4,806,000	\$ 6,924,900
	<b>TANGIBLE COSTS</b>				
CODE	TUBULARS				
2311	Surface Casing (13 3/8" @ 1130')	40,000			40,000
2312	Intermediate Casing (9 5/8" @ 5,000')	122,000			122,000
2313	Drig Liner & Hanger				
2314	Production Casing (7" @ 11,600')	251,000			251,000
2315	Production Liner & Hanger (11,000 - TD)		109,000		109,000
2316	Other Tubulars				
	<b>WELL EQUIPMENT</b>				
2321	Well Head	22,000	10,000	85,000	117,000
2322	Flowline			50,000	50,000
2325	Tubing			60,000	60,000
2326	Rods				
2327	Pumps				
2328	Pumping Unit				
2329	Subsurface Equipment			25,000	25,000
2331	Other Well Equipment		65,000	30,000	95,000
	<b>LEASE EQUIPMENT</b>				
2361	Tanks				
2362	Separators				
2363	Heater Treater				
2364	Pumps				
2365	Electrical System			5,000	5,000
2366	Meters				
2367	Connectors				
2368	Lact Equipment				
2369	Other Lease Equipment			450,000	450,000
	<b>SUBTOTAL - TANGIBLES</b>	435,000	184,000	705,000	1,324,000
	<b>SYSTEMS</b>				
2353	Gas Line Tangibles				
2353	Gas Line Intangibles				
2381	Compressor				
2382	Gas Plant Tangibles				
2382	Gas Plant Intangibles				
2384	Dehydrator				
	<b>SUBTOTAL - SYSTEMS</b>				
	<b>TOTAL TANGIBLE COSTS</b>	\$ 435,000	\$ 184,000	\$ 705,000	\$ 1,324,000
	GENERAL CONTINGENCIES	140,987	23,287	330,660	494,934
	<b>TOTALS BY PHASE</b>	\$ 2,490,767	\$ 411,407	\$ 5,841,660	\$ 8,743,834
	<b>CUMULATIVE WELL COSTS</b>	\$ 2,490,767	\$ 2,902,174	\$ 8,743,834	

Initial Routing Date:   
 NE RTW BMM SB, CR, LJH, RMD, SEB, BBJ  
 Land Approval Block:  
 APPROVED BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**Case No. 21405  
 BTA OIL  
 Exhibit A-15**

**BTA OIL PRODUCERS  
WELL COST ESTIMATE & AUTHORITY FOR EXPENDITURE**

Well Name: White Wing 7909 18-19 Fed Com #4H (B3AP) Total Depth: ~11,355' TVD  
 Location: SHL: 210 FNL 1665 FEL sec 18, 23S, 34E ~21,663' MD  
 BHL: 50 FSL 600 FEL sec 19

Lea County, NM Formation: 3rd Bone  
 Date Prepared: 6/4/2020

CODE	FORMATION EVALUATION	Prepared By:			TOTAL COSTS
		NE DRY	NE CASED HOLE	TW COMPLETION	
<b>INTANGIBLE COSTS</b>					
2203	Logs	8,000		20,000	28,000
2204	Cores				
2205	DST				
<b>LOCATION &amp; ACCESS</b>					
2211	Survey & Stake	5,000			5,000
2212	Damages	30,000			30,000
2213	Road & Location	55,000		12,000	67,000
2214	Other Location	135,000			135,000
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2227	Turnkey				
<b>DRILLING SUPPLIES</b>					
2232	Bits	55,000			55,000
2233	BHA	65,000		65,000	130,000
2234	Fuel	94,380	14,520		108,900
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2241	Mud Purchase	115,000	5,000		120,000
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2249	Mud Related Other	8,000			8,000
<b>DRILLING SERVICES</b>					
2252	BOP Related	15,000	4,000		19,000
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2255	Trucking	15,000	10,000	54,000	79,000
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2257	Other Services (Direction/GR Services)	234,000			234,000
<b>CEMENT</b>					
2261	Casing Cementing	115,000	45,000		160,000
2262	Other Cementing			150,000	150,000
<b>CONTRACT SERVICES</b>					
2266	Engineering	8,000			8,000
2267	Geological	22,000			22,000
2268	Roustabout	5,000		15,000	21,000
2269	Wellsite Supervision	70,200	10,800	60,000	141,000
2270	Other Contract Services	25,000			25,000
<b>COMPLETION SERVICES</b>					
2272	Pulling Unit			40,000	40,000
2273	Drilling Rig				
2276	Perforate			350,000	350,000
2277	Stimulation			2,600,000	2,600,000
2278	Other Compl. Services			220,000	220,000
<b>OVERHEAD</b>					
2280	Drilling & Administrative	10,000		10,000	20,000
<b>TOTAL INTANGIBLE COSTS:</b>		<b>\$ 1,914,780</b>	<b>\$ 204,120</b>	<b>\$ 4,806,000</b>	<b>\$ 6,924,900</b>
<b>TANGIBLE COSTS</b>					
<b>TUBULARS</b>					
2311	Surface Casing (15 3/8" @ 1130')	40,000			40,000
2312	Intermediate Casing (9 5/8" @ 5,000')	122,000			122,000
2313	Drig Liner & Hanger				
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2316	Other Tubulars				
<b>WELL EQUIPMENT</b>					
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2325	Tubing			60,000	60,000
2326	Rods				
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2329	Subsurface Equipment			25,000	25,000
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<b>LEASE EQUIPMENT</b>					
2361	Tanks				
2362	Separators				
2363	Heater Treater				
2364	Pumps				
2365	Electrical System			5,000	5,000
2366	Meters				
2367	Connectors				
2368	Lact Equipment				
2369	Other Lease Equipment			450,000	450,000
<b>SUBTOTAL - TANGIBLES</b>		<b>435,000</b>	<b>184,000</b>	<b>705,000</b>	<b>1,324,000</b>
<b>SYSTEMS</b>					
2353	Gas Line Tangibles				
2353	Gas Line Intangibles				
2381	Compressor				
2382	Gas Plant Tangibles				
2382	Gas Plant Intangibles				
2384	Dehydrator				
<b>SUBTOTAL - SYSTEMS</b>					
<b>TOTAL TANGIBLE COSTS</b>		<b>\$ 435,000</b>	<b>\$ 184,000</b>	<b>\$ 705,000</b>	<b>\$ 1,324,000</b>
<b>GENERAL CONTINGENCIES</b>		<b>140,987</b>	<b>23,287</b>	<b>330,660</b>	<b>494,934</b>
<b>TOTALS BY PHASE</b>		<b>\$ 2,490,767</b>	<b>\$ 411,407</b>	<b>\$ 5,841,660</b>	<b>\$ 8,743,834</b>
<b>CUMULATIVE WELL COSTS</b>		<b>\$ 2,490,767</b>	<b>\$ 2,902,174</b>	<b>\$ 8,743,834</b>	

Initial Routing Date:   
 NE RTW BMM SB, CR, LJH, RMD, SEB, BBJ  
 Land Approval Block:  
 APPROVED BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

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

**APPLICATION OF BTA OIL PRODUCERS, LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 21405**

**SELF-AFFIRMED STATEMENT OF  
DARIN A. DOLEZAL**

1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein.

2. I am a geologist with BTA Oil Producers, LLC (“BTA”). I am familiar with the geological matters that pertain to BTA’s application.

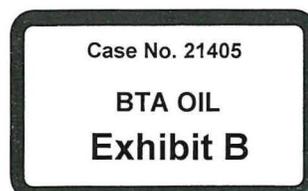
3. I have previously testified before the New Mexico Oil Conservation Division as an expert in geology, and my qualifications were accepted.

4. A general location map of the proposed horizontal spacing unit (“HSU”) is attached as Exhibit B-1.

5. A subsea TVD structure map of the Wolfcamp top (base of 3<sup>rd</sup> Bone Spring Sand) is attached as Exhibit B-2. The map shows that the structure is gently plunging to the south on the HSU. It also shows a line of cross section and the HSU for the proposed White Wing 7909 18-19 Fed Com #3H and #4H wells.

6. Attached as Exhibit B-3 is a gross sand isopach map of the 3<sup>rd</sup> Bone Spring Sand formation, which is the target zone for the proposed wells. It shows that the sand interval across the HSU is stratigraphically similar.

7. A gunbarrel schematic is attached as Exhibit B-4.



8. Attached as Exhibit B-5 is a structural cross section. The well logs on the cross section provide a representative sample of the 3<sup>rd</sup> Bone Spring Sand formation in the area. The target zone for the proposed well is continuous across the HSU.

9. Attached as Exhibit B-6 is a table containing production data from other 3<sup>rd</sup> Bone Spring Sand wells drilled in the vicinity. The preference is for laydown wells north to south or south to north), and the completed wells in the area (recent completions) apparently are commercial.

10. There are no depth severances in the 3<sup>rd</sup> Bone Spring formation in the proposed HSU.

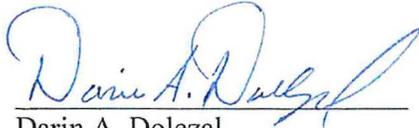
11. Based on the information discussed above, I am able to conclude that:

- a) The HSU is justified from a geologic standpoint;
- b) There is no faulting or other geologic impediment that could adversely affect the drilling of the proposed wells; and
- c) Each quarter-quarter section in the HSU will contribute more or less equally to production.

12. In my opinion, the granting of BTA's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

13. Exhibits B-1 through B-6 were either prepared by me or compiled from company records.

14. 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 13 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.

  
Darin A. Dolezal

9/2/2020  
Date

**LEGEND:**

 BTA White Wing Lease

 Horizontal Spacing Units



**BTA Oil Producers, LLC**

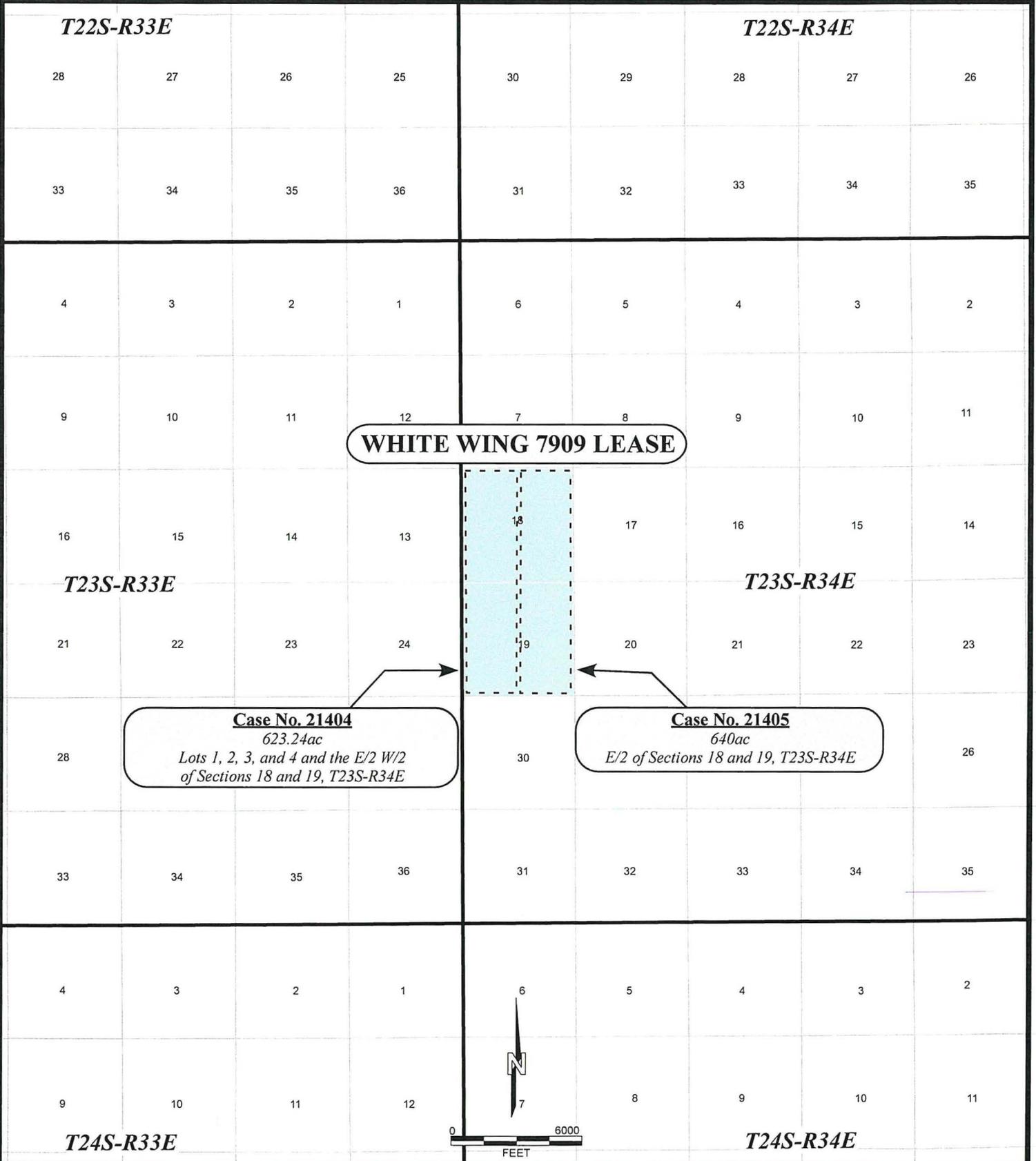
**EXHIBIT: B-1**

Case No. 21405

BTA OIL PRODUCERS, LLC

**WHITE WING 7909  
PROPOSED HORIZONTAL SPACING UNIT  
LOCATION MAP**

*Lea County, New Mexico*





**BTA Oil Producers, LLC**

**WHITE WING 7909  
STRUCTURE MAP  
Top of Wolfcamp**

*C.I = 50'*  
*Lea County, New Mexico*  
SEPTEMBER, 2020

**LEGEND:**

\*\*\* Top of Wolfcamp (SubSea) Labeled \*\*\*

Well Symbol Descriptions:

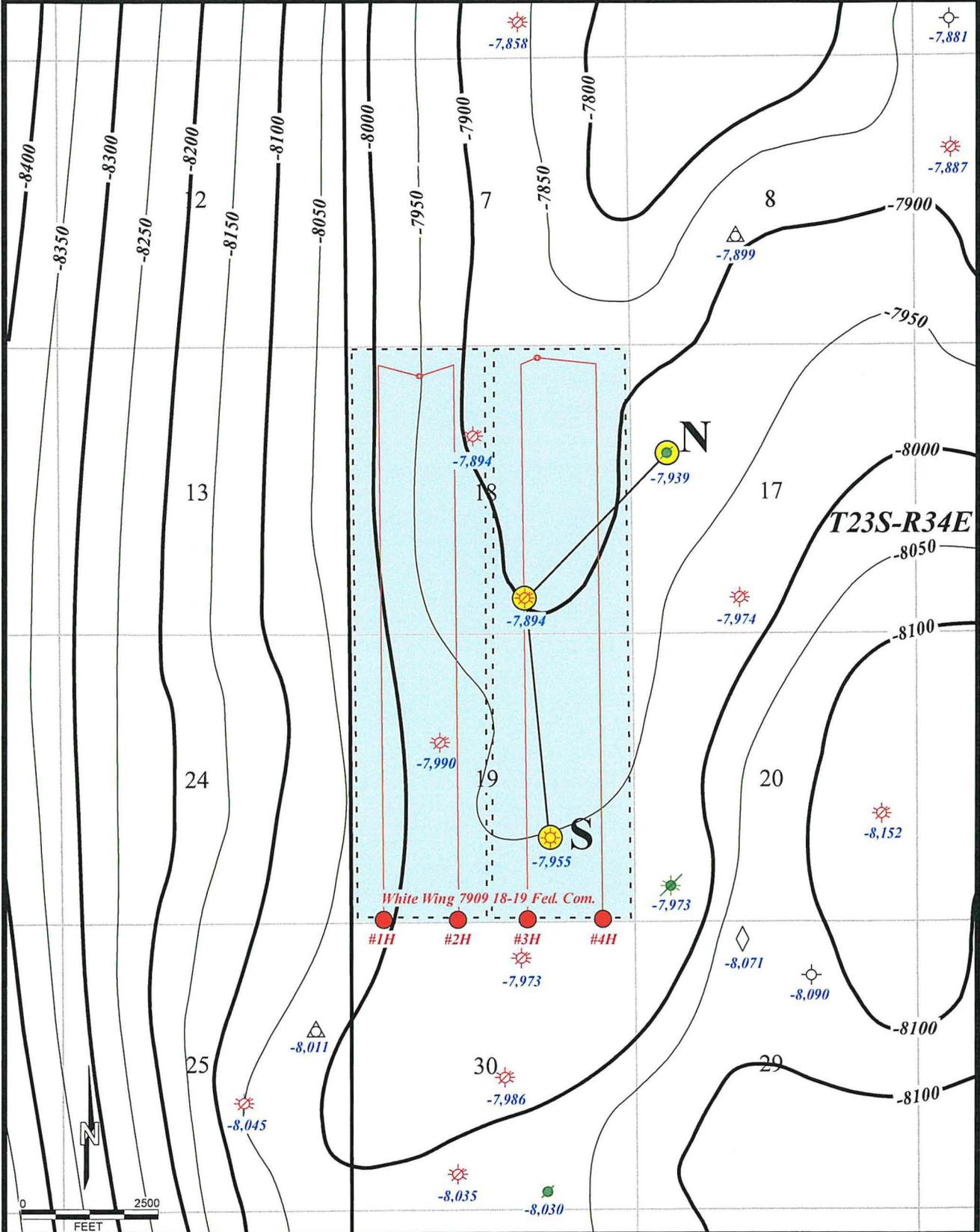
- BTA PROPOSED LOCATION
- ◇ PILOT WELL
- ☀ GAS WELL
- △ SERVICE WELL
- ◇ DRY WELL
- P&A OIL WELL
- ☀ P&A GAS WELL
- P&A OIL & GAS WELL

Cross Section Line:

N ● — ● S

■ BTA White Wing Lease

⋮ Horizontal Spacing Units





**BTA Oil Producers, LLC**

**WHITE WING 7909  
GROSS ISOPACH MAP  
3<sup>rd</sup> BONE SPRING SAND**

C.I = 20'

Lea County, New Mexico

SEPTEMBER, 2020

**LEGEND:**

\*\*\* 3<sup>rd</sup> Bone Spring Sand Labeled \*\*\*

Well Symbol Descriptions: Cross Section Line:

- SL BHL
- BTA PROPOSED LOCATION
- PILOT WELL
- OIL WELL
- GAS WELL
- SERVICE WELL
- DRY WELL
- P&A OIL WELL
- P&A GAS WELL
- P&A OIL & GAS WELL

N S

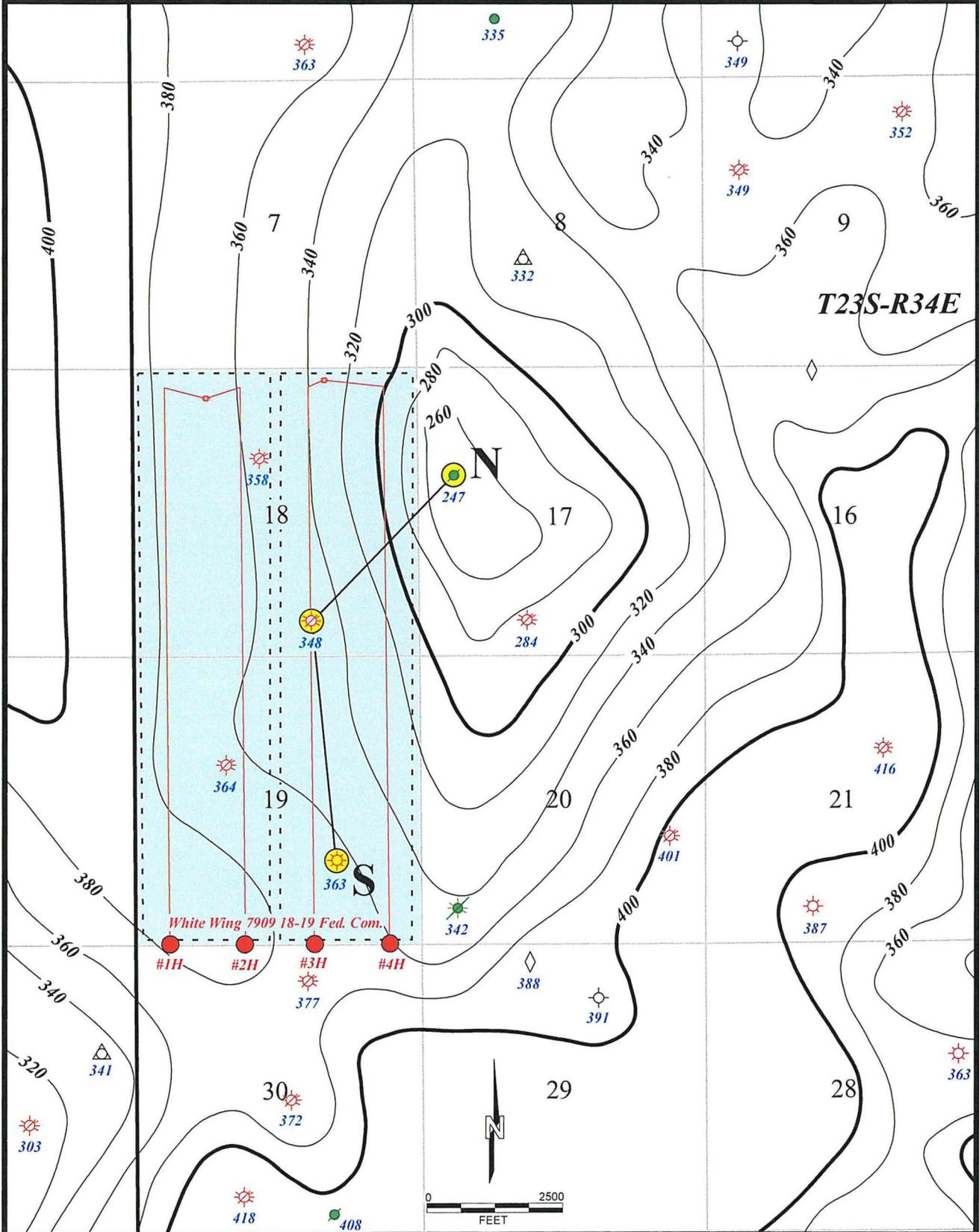
BTA White Wing Lease

Horizontal Spacing Units

**EXHIBIT: B-3**

Case No. 21405

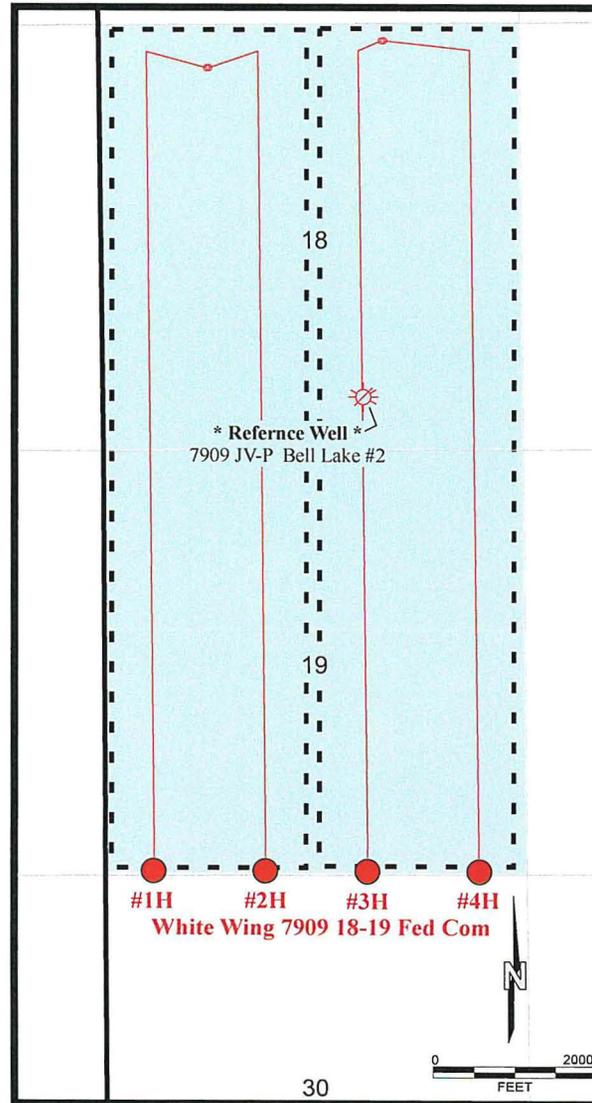
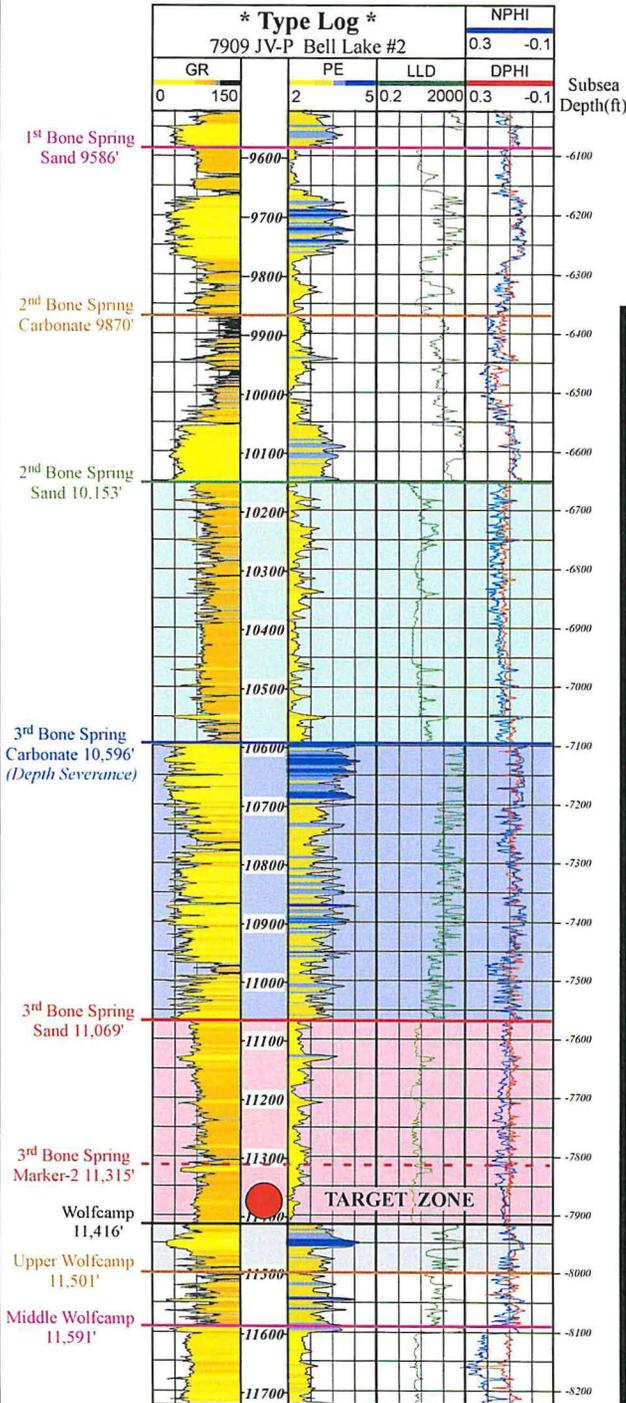
BTA OIL PRODUCERS, LLC





## WHITE WING 7909 Development Spacing Pattern

All of Sec. 18 and 19, T23S-R34E  
Lea County, New Mexico



**\* Reference Well / Type Log \***  
BTA Oil Producers  
7909 JV-P Bell Lake #2  
API #: 30025348270000  
660'FNL & 1980'FEL  
Sec 18, T23S-R34E, Lea County, New Mexico

2 <sup>nd</sup> Bone Spring Sand 10,153' TVD (-6,631' SS)	660'	1320'	1980'	2640'	1980'	1320'	660'
3 <sup>rd</sup> Bone Spring Carbonate 10,596' TVD (-7,074' SS)							
3 <sup>rd</sup> Bone Spring Sand 11,069' TVD (-7,547' SS)	#1	#2	#3	#4			
Wolfcamp 11,416' TVD (-7,892' SS)							

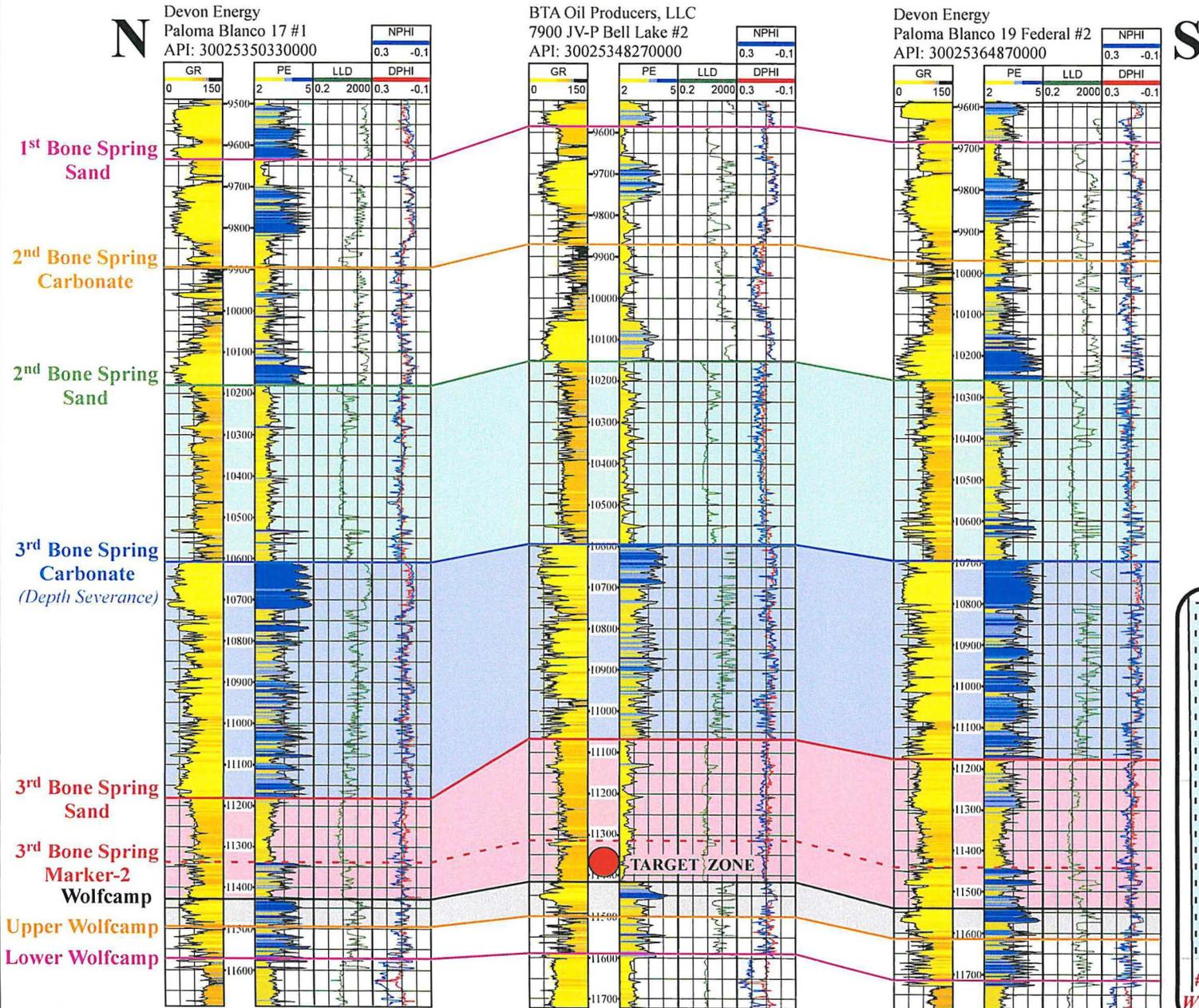


BTA Oil Producers, LLC

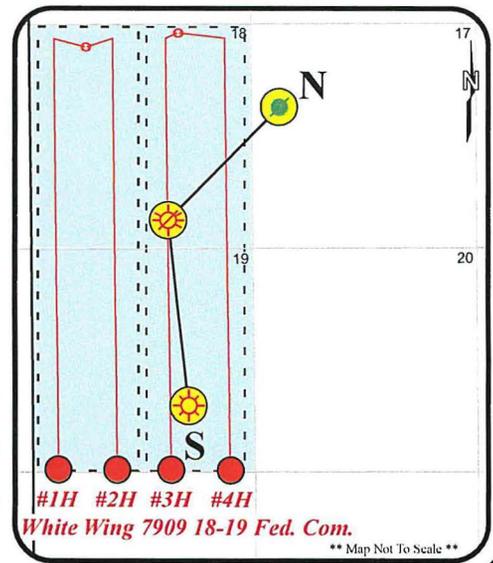
EXHIBIT: B-5  
Case No. 21405  
BTA OIL PRODUCERS, LLC

# WHITE WING 7909

## STRUCTURAL CROSS-SECTION - 3<sup>rd</sup> BONE SPRING SAND TARGET



BTA White Wing Acreage  
All Sec. 18 and 19, T23S-R34E &  
Lea County, New Mexico



\*\* Not To Scale \*\*

SEPTEMBER, 2020

\*\* Map Not To Scale \*\*



**BTA Oil Producers, LLC**

**WHITE WING 7909**

**3<sup>rd</sup> Bone Spring Development  
Producing Formation Map and Table**  
*Lea County, New Mexico*

SEPTEMBER, 2020

**LEGEND:**

\*\*\* Only Horizontal 3<sup>rd</sup> Bone Spring Completions  
Shown on the Map \*\*\*

**EXHIBIT: B-6**  
Case No. 21405

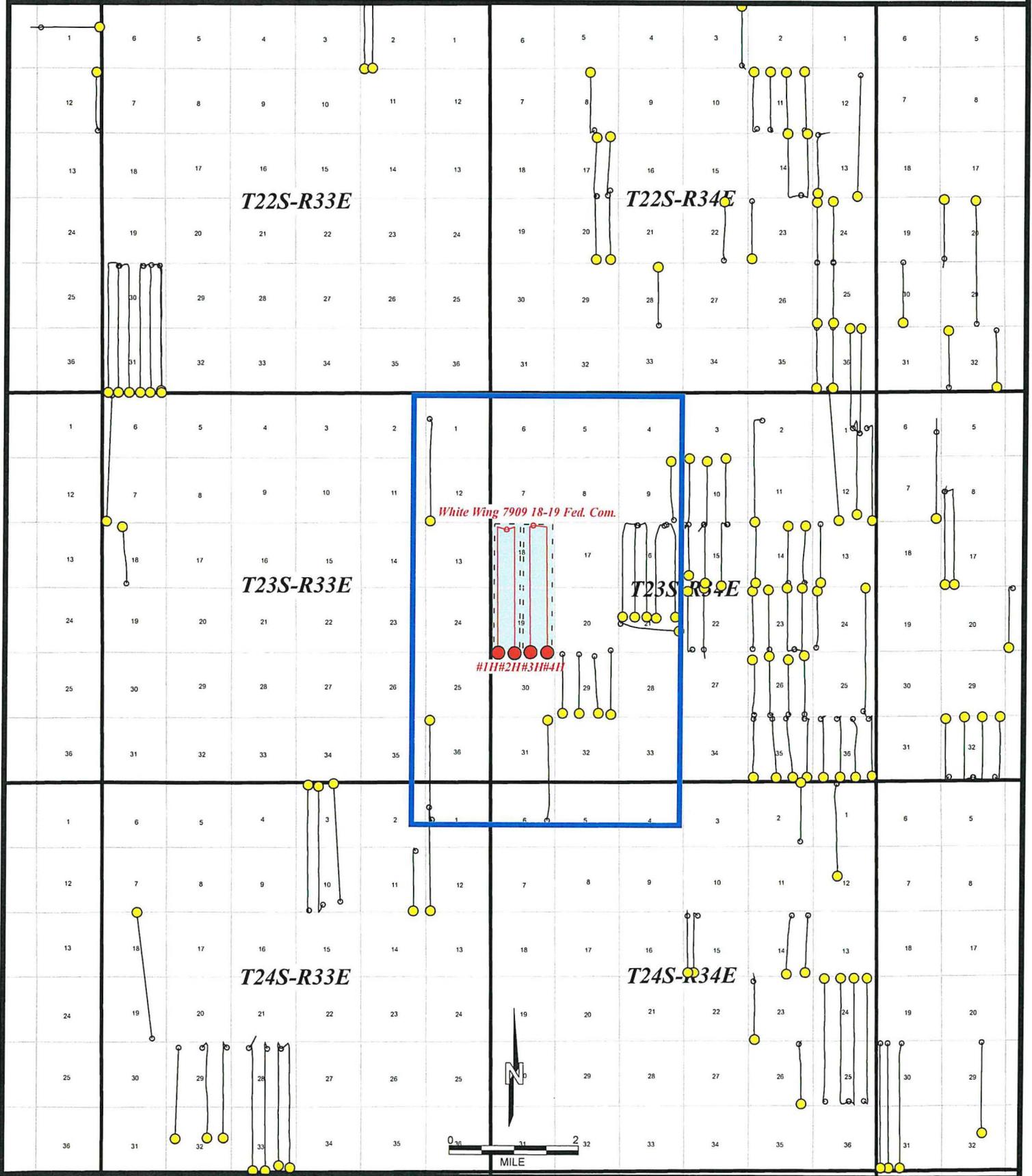
BTA OIL PRODUCERS, LLC

**Well Symbol Descriptions:**

- SL — BHL
- BTA Proposed Locations
- 3<sup>rd</sup> Bone Spring Completion

- BTA White Wing Lease
- Horizontal Spacing Units
- 3<sup>rd</sup> Bone Spring Production Well Summary Area

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### Summary of 3rd Bone Spring Production

<u>API</u>	<u>Operator</u>	<u>Well Name</u>	<u>Well Number</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Completion Date</u>	<u>CUMOIL</u>	<u>CUMGAS</u>
30025446930000	KAISER-FRANCIS OIL	NORTH BELL LAKE UNIT	401H	1	23S	33E	3/30/2019	192,772	407,963
30025426510000	MEWBOURNE OIL COMPANY	ANTELOPE 9 B3PA STATE	1H	9	23S	34E	9/24/2015	246,023	321,171
30025445850000	MEWBOURNE OIL CO	IBEX 10 B3MD FEDERAL COM	1H	15	23S	34E	1/16/2019	228,116	276,227
30025441590000	COG OPERATING LLC	GETTYSBURG STATE COM	11H	16	23S	34E	11/21/2018	432,750	935,653
30025441600000	COG OPERATING LLC	GETTYSBURG STATE COM	12H	16	23S	34E	11/24/2018	408,048	630,242
30025442300000	COG OPERATING LLC	GETTYSBURG STATE COM	13H	16	23S	34E	11/6/2018	287,216	415,620
30025442310000	COG OPERATING LLC	GETTYSBURG STATE COM	14H	16	23S	34E	11/10/2018	285,580	426,954
30025442320000	COG OPERATING LLC	GETTYSBURG STATE COM	15H	16	23S	34E	11/13/2018	376,629	597,108
30025429540000	COG OPERATING LLC	BROADCASTER 29 FEDERAL	4H	20	23S	34E	6/9/2017	324,551	620,965
30025412610000	MEWBOURNE OIL COMPANY	WILDCAT 21 LI FEDERAL COM	1H	21	23S	34E	10/13/2013	94,279	111,997
30025415360000	CAZA OPERATING LLC	COPPERLINE WEST 29 COM	3H	29	23S	34E	3/10/2014	138,686	189,207
30025418020000	CAZA OPERATING LLC	COPPERLINE WEST 29 COM	4H	29	23S	34E	7/15/2014	194,017	302,232
30025419090000	COG OPERATING LLC	BROADCASTER 29 FEDERAL	3H	29	23S	34E	9/17/2014	308,035	555,862
30025440210000	KAISER-FRANCIS OIL	SOUTH BELL LAKE UNIT	319H	1	24S	33E	9/19/2018	295,308	563,415
30025455210000	KAISER-FRANCIS OIL	SOUTH BELL LAKE UNIT	401H	1	24S	33E	8/12/2019	302,041	611,044
30025446180100	KAISER-FRANCIS OIL	BELL LAKE SOUTH UNIT	330H	6	24S	34E	11/16/2018	327,103	765,162