

**CASE NO. 22209**

**APPLICATION OF TAP ROCK RESOURCES, LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO**

**EXHIBITS**

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

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

**APPLICATION OF TAP ROCK RESOURCES,  
LLC FOR COMPULSORY POOLING, LEA  
COUNTY, NEW MEXICO.**

Case No. 22209

**APPLICATION**

Tap Rock Resources, LLC applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2W/2 of Section 16 and the E/2W/2 of Section 21, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico, and in support thereof, states:

1. Applicant is a working interest owner in the E/2W/2 of Section 16 and the E/2W/2 of Section 21, and has the right to drill a well thereon.
2. Applicant proposes to drill the Talco State Fed. Com. Well No. 112H to a depth sufficient to test the Bone Spring formation. The E/2W/2 of Section 16 and the E/2W/2 of Section 21 will be dedicated to the well. The well has a first take point in the NE/4NW/4 of Section 16 and a last take point in the SE/4SW/4 of Section 21.
3. Applicant has in good faith sought to obtain voluntary joinder of all other mineral interest owners in the E/2W/2 of Section 16 and the E/2W/2 of Section 21.
4. Although applicant attempted to obtain to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Bone

EXHIBIT

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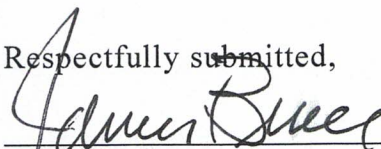
Spring formation underlying the E/2W/2 of Section 16 and the E/2W/2 of Section 21, pursuant to NMSA 1978 §70-2-17.

5. The pooling of mineral interest owners in the Bone Spring formation underlying the E/2W/2 of Section 16 and the E/2W/2 of Section 21 will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

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

- A. Pooling all uncommitted mineral interest owners in the E/2W/2 of Section 16 and the E/2W/2 of Section 21;
- B. Designating Tap Rock Operating, LLC as operator of the well;
- C. Considering the cost of drilling, completing, and equipping the well, and allocating the costs thereof among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk assumed by applicant in drilling, completing, and equipping the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,



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

*jamesbruc@aol.com*

Attorney for Tap Rock Resources, LLC

***Application of Tap Rock Resources, LLC for a compulsory pooling, Lea County, New Mexico.***  
Tap Rock Resources, LLC seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2W/2 of Section 16 and the E/2W/2 of Section 21, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Talco State Fed. Com. Well No. 112H, which has a first take point in the NE/4NW/4 of Section 16 and a last take point in the SE/4SW/4 of Section 21. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of Tap Rock Operating, LLC as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 12 miles southwest of Jal, New Mexico.

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

**APPLICATION OF TAP ROCK OPERATING, LLC  
FOR A STANDARD HORIZONTAL SPACING  
AND PRORATION UNIT AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 22209**

**AFFIDAVIT OF TAYLOR FORD**

I, being duly sworn on oath, state the following:

1. I am over the age of eighteen years and have the capacity to execute this Affidavit, which is based on my personal knowledge.
2. I am employed as a Landman with Tap Rock Operating, LLC ("Tap Rock"), and I am familiar with the subject application and the lands involved.
3. This affidavit is submitted in connection with the filing by Tap Rock of the above-referenced compulsory pooling applications pursuant to 19.15.4.12.A(1) NMAC.
4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum landman have been accepted by the Division and made a matter of record.
5. The purpose of this application is to force pool the working interest owner into the horizontal spacing unit ("HSU") described below, and in the well to be drilled in the unit.
6. No opposition is expected from the following party: Enriqueta Garrett. Said party was contacted regarding the proposed well. Tap Rock continues to work toward a voluntary agreement with said party.
7. Tap Rock seeks an order pooling all mineral interests in the WC-025 G-09 S263527D; BONE SPRING pool (Pool Code 98143) underlying a horizontal spacing unit

comprised of the E/2W/2 of Section 16 and E/2W/2 of Section 21, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. The proposed 320-acre spacing unit will be dedicated to the Talco State Fed Com #112H as the defining well for the unit.

8. A proposed C-102 for the well is attached as **Exhibit 1**. The well will develop the WC-025 G-09 S263527D; BONE SPRING pool (Pool Code 98143), which is an oil pool.

9. The proposed surface hole, bottom hole, and first take point for the well can be found in the attached **Exhibit 1**. The proposed total vertical depth for each well can be found in the attached **Exhibit 5**.

10. A tract map containing the composition of the HSU is attached hereto as **Exhibit 2** and shows that the HSU is comprised of two State tracts and one Federal tract.

11. The party being pooled and the nature of its interest are found in **Exhibit 4** attached hereto. **Exhibit 4** also includes information regarding working interest owners and overriding royalty interest owners.

12. There are no depth severances in the Bone Spring formation in the proposed HSU.

13. I have conducted a diligent search of the public records in Lea County, New Mexico, where the wells will be located, and conducted phone directory and computer searches to obtain contact information for parties entitled to notification. I mailed all parties well proposals, including an Authorization for Expenditure ("AFE").

14. **Exhibit 5** is a sample proposal letter and the AFE for each of the proposed wells. The estimated cost of each of the wells set forth in the AFE is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.

15. Tap Rock has made a good faith effort to obtain voluntary joinder of the working interest owner in the proposed well. **Exhibit 6** is a summary of communications with the party Tap Rock now seeks to pool.

16. Tap Rock requests overhead and administrative rates of \$7000/month for drilling a well and \$700/month for a producing well. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of southeastern New Mexico. Tap Rock requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

17. Tap Rock requests the maximum cost, plus 200% risk charge be assessed against non-consenting working interest owners.

18. Tap Rock requests that it be designated operator of the well.

19. The Exhibits to this Affidavit were prepared by me, or compiled from Tap Rock's company business records.

20. The granting of this Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

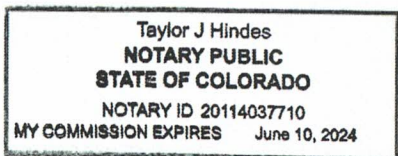
21. The foregoing is correct and complete to the best of my knowledge and belief.

FURTHER AFFIANT SAYETH NAUGHT

Taylor Ford  
Taylor Ford

STATE OF COLORADO )  
  )ss  
COUNTY OF JEFFERSON )

Subscribed to and sworn before me this 28<sup>th</sup> day of September, 2021.



Taylor J Hindes  
Notary Public

My Commission expires June 10, 2024.



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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>TALCO STATE FED COM</b>			<sup>6</sup> Well Number <b>112H</b>
<sup>7</sup> GRID No. <b>372043</b>		<sup>8</sup> Operator Name <b>TAP ROCK OPERATING, LLC.</b>			<sup>9</sup> Elevation <b>3200'</b>

<sup>10</sup>Surface Location

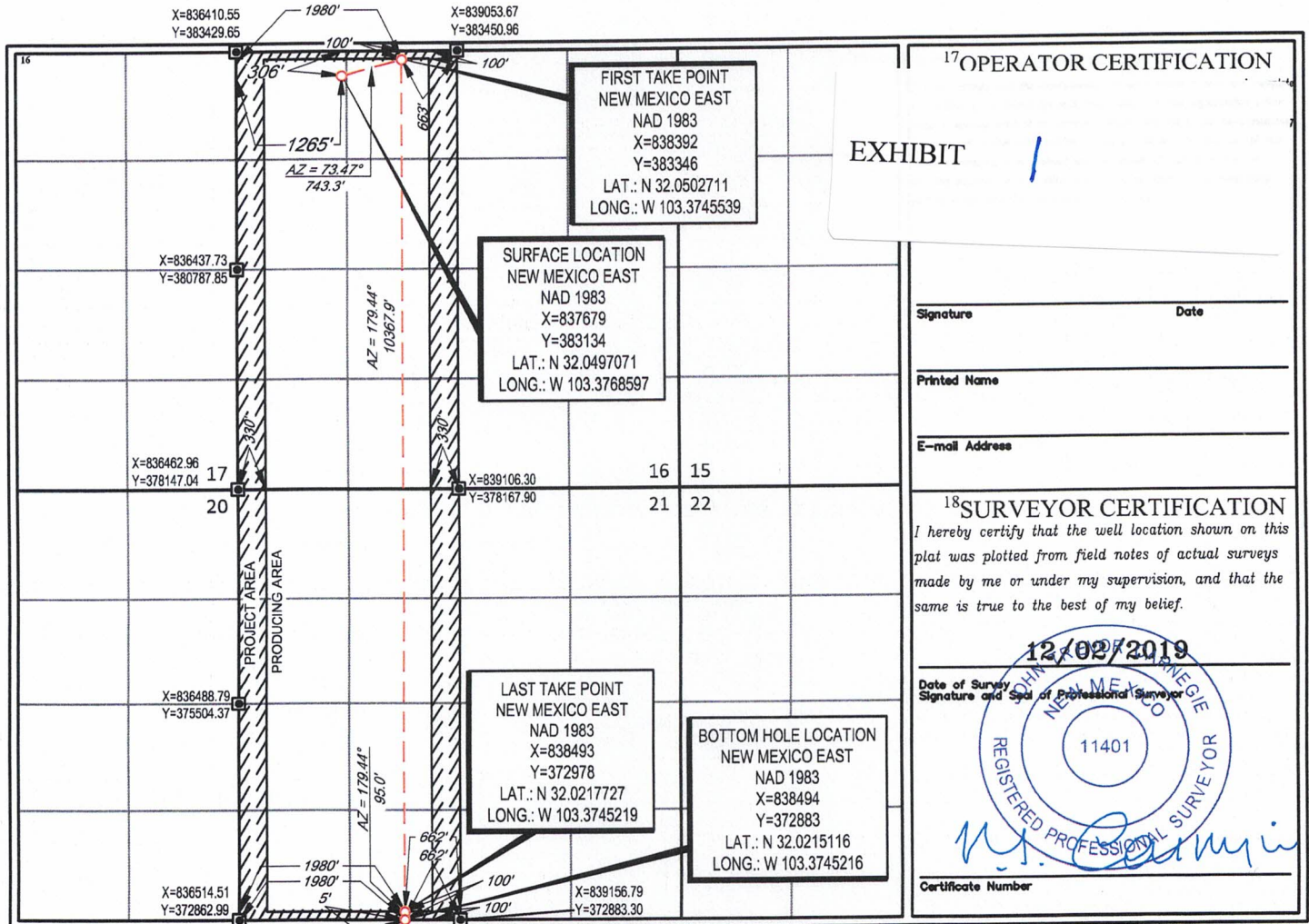
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>16</b>	<b>26-S</b>	<b>35-E</b>	<b>-</b>	<b>306'</b>	<b>NORTH</b>	<b>1265'</b>	<b>WEST</b>	<b>LEA</b>

<sup>11</sup>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
<b>N</b>	<b>21</b>	<b>26-S</b>	<b>35-E</b>	<b>-</b>	<b>5'</b>	<b>SOUTH</b>	<b>1980'</b>	<b>WEST</b>	<b>LEA</b>

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



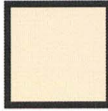
# Tract Map



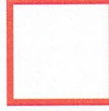
Township 26 South, Range 35 East Lea County New Mexico	<b>Section 16</b>			<b>Section 21</b>		
	Tract 1 ST NM VB 2562 0001	Tract 2 ST NM VB 2573 0001	Tract 3 USA NMNM 0448921A			



State Acreage



Federal Acreage



Talco Bone Spring E2W2 Unit

Talco State Fed Com 112H

Exhibit 2  
Case No. 22209

# Tract List



Tract #	Legal	Mineral Ownership Type	Lease Number	Owners
1	E/2NW/4 of Section 16, Township 26 South, Range 35 East	State	NM VB 2562-0001	Devon Energy Production Company, LP**
2	E/2SW/4 of Section 16, Township 26 South, Range 35 East	State	NM VB 2573-0001	Devon Energy Production Company, LP**
3	E/2W/2 of Section 21, Township 26 South, Range 35 East	Fed	NMNM 0448921A	Tap Rock Resources II, LLC Enriqueta Garrett

- \* Final interest subject to division order title verification
- \*\* Not seeking to pool said party

Unlco State Fed Com 112H

Exhibit 3  
Case Nos. 22209



# Unit Interest Breakdown\*

Entity	Interest Type	Approximate Percentage
Tap Rock Resources II, LLC	Working Interest	49.8875%
	Committed Working Interest	50.0000%
	Uncommitted Working Interest	0.11250%

- \* Final interest subject to division order title verification

Inlco State Fed Com 112H

Exhibit 4  
Case No. 22209



# Unit Interest Breakdown\*

Overriding Royalty Interest
Presidents and Fellows of Harvard University
Bruce Heafitz, as his separate property
Wolfcamp Title, LLC
White Gold Corporation
Tumbler Energy Partners, LLC
TD Minerals, LLC
Jules Russell Toraby
Sophia Augusta Toraby
Gabriel Joshua Heafitz
Samara Galit Heafitz
Tap Rock Resources, LLC
Dorchester Minerals, LP
Jeanette Fisher McKillop
Carrie Bridget Fisher
Innerarity Family Minerals, LLC

- \* Final interest subject to division order title verification

Exhibit 4  
Case No. 22209

Talco State Fed Com 112H



523 Park Point Dr, Suite 200  
Golden, CO 80401

July 09, 2021  
Via Certified Mail  
Enriqueta Garrett  
5710 Antares Ct.  
Dallas, TX 75252

**Re: Well Proposal(s) for:**  
**- TALCO STATE FEDERAL COM #111H**  
**- TALCO STATE FEDERAL COM #112H**  
**Township 26 South, Range 35 East, Sections 16 & 21: W/2**  
**Lea County, NM**

Dear Working Interest Owner:

Tap Rock Operating, LLC (TRO), as Operator, hereby proposes to drill the following Well(s) by pad drilling to prevent waste and protect correlative rights. Accordingly, enclosed for your further handling are our AFE(s) for the following Well(s):

Well Name	Surface Hole Location (SHL)	Bottom Hole Location (BHL)	Formation	True Vertical Depth	Measured Depth
TALCO STATE FEDERAL COM #111H	306' FNL & 1240' FWL of Sec 16	5' FSL & 660' FWL of Sec 21	1st Bone Spring	10,487	21,147
TALCO STATE FEDERAL COM #112H	306' FNL & 1265' FWL of Sec 16	5' FSL & 1980' FWL of Sec 21	1st Bone Spring	10,487	21,147

The proposed locations and drilling plans described above are subject to change depending on surface or subsurface issues that may be encountered. TRO will advise you of any such modifications. A separate AFE for facility costs is forthcoming. Your election to participate in the drilling and completion of the proposed wells will also be considered an election to participate in the construction of the production facility.

In the event you elect to participate in the proposed Well(s), please execute the enclosed AFE(s) and return to me within 30 days. TRO is proposing to drill these wells under the terms of the AAPL Form 610-1989 Operating Agreement which will be provided after an election to participate is received. This Operating Agreement covers Township 26 South, Range 35 East, Sections 16 & 21: W/2, Lea County, NM.

If you do not wish to participate in the Operation, TRO would like to offer the following terms:

- 3 year primary term, Term Assignment
- Royalty equal to the difference between existing burdens and 20%
- \$2,500 per net acre bonus consideration

The Term Assignment offer is subject to the approval of TRO's board and verification of title.

Additionally, TRO is open to discuss possible trades or other deal structures related to your interest in the proposed Well(s). If an agreement cannot be reached within 30 days of the date of this letter, TRO will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed Well(s) to allow TRO

EXHIBIT

5

to move forward with planning and drilling the Well(s).

Should you have any questions regarding the above, please contact the undersigned.

Sincerely,

**TAP ROCK OPERATING, LLC**



**Taylor Ford**

720.459.3726

806.445.7213

tford@taprk.com

**Enriqueta Garrett hereby elects to:**

\_\_\_\_\_ participate in the TALCO STATE FEDERAL COM #111H

\_\_\_\_\_ non-consent the TALCO STATE FEDERAL COM #111H

\_\_\_\_\_ participate in the TALCO STATE FEDERAL COM #112H

\_\_\_\_\_ non-consent the TALCO STATE FEDERAL COM #112H

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

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

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

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

**TAP ROCK OPERATING, LLC**  
523 Park Point Dr, Golden, Colorado 80401  
Authorization For Expenditure

Name: Talco 112H  
AFE #: 0  
County: Eddy  
State: NM

Date: July 9, 2021  
MD/TVD: 21147 / 10487  
Lateral Length: 10210  
Geologic Target: 1st Bone Spring

Well Description: Drill, complete, and equip a horizontal 1st Bone Spring well with a 10210 foot lateral.

INTANGIBLE DRILLING COSTS			INTANGIBLE COMPLETION COSTS			INTANGIBLE PRODUCTION COSTS		
COST CODES	DESCRIPTION	AMOUNT	COST CODES	DESCRIPTION	AMOUNT	COST CODES	DESCRIPTION	AMOUNT
1 1	Land - Legal	10,000	2 1	Land - Legal		3 1	Land - Legal	
1 2	Land - Regulatory	10,000	2 2	Land - Regulatory		3 2	Land - Regulatory	
1 3	Land - Surface Damages	10,000	2 3	Land - Surface Damages		3 3	Land - Surface Damages	
1 4	Land - Survey	10,000	2 4	Land - Survey		3 4	Land - Survey	
1 5	Location/Pit Construction	59,000	2 5	Location/Pit Construction		3 5	Location/Pit Construction	5,000
1 6	Remedial Dirtwork	0	2 6	Remedial Dirtwork		3 6	Remedial Dirtwork	
1 7	Reserve/Frac Pit Closing	0	2 7	Reserve/Frac Pit Closing		3 7	Reserve/Frac Pit Closing	
1 8	Drilling - Contractor	337,602	2 8	Drilling - Contractor		3 8	Drilling - Contractor	
1 9	Mob/Rig Up - Contractor/Trucking	50,000	2 9	Mob/Rig Up - Contractor/Trucking		3 9	Mob/Rig Up - Contractor/Trucking	
1 10	Cementing Services	141,600	2 10	Cementing Services		3 10	Cementing Services	
1 11	Cementing Equipment	30,000	2 11	Cementing Equipment		3 11	Cementing Equipment	
1 12	Bits/Drill Out Assemblies	63,500	2 12	Bits/Drill Out Assemblies	89,421	3 12	Bits/Drill Out Assemblies	
1 13	Fluid Circulation Equipment/Services	49,408	2 13	Fluid Circulation Equipment/Services		3 13	Fluid Circulation Equipment/Services	
1 14	Fluids/Chemicals	100,374	2 14	Fluids/Chemicals	35,875	3 14	Fluids/Chemicals	
1 15	WBM Cuttings/Wastewater Disposal	49,217	2 15	WBM Cuttings/Wastewater Disposal		3 15	WBM Cuttings/Wastewater Disposal	
1 16	OBM Cuttings/Chemical Disposal	0	2 16	OBM Cuttings/Chemical Disposal		3 16	OBM Cuttings/Chemical Disposal	
1 17	Fuel/Power	29,008	2 17	Fuel/Power	300,800	3 17	Fuel/Power	
1 18	Water	34,844	2 18	Water	311,253	3 18	Water	
1 19	Directional Drilling	142,194	2 19	Directional Drilling		3 19	Directional Drilling	
1 20	Mud Logging	24,071	2 20	Mud Logging		3 20	Mud Logging	
1 21	Open/Cased/Production Hole Logs	0	2 21	Open/Cased/Production Hole Logs	8,440	3 21	Open/Cased/Production Hole Logs	
1 22	Coring	0	2 22	Coring		3 22	Coring	
1 23	Geologic Supervision	0	2 23	Geologic Supervision		3 23	Geologic Supervision	
1 24	Engineering Supervision	0	2 24	Engineering Supervision		3 24	Engineering Supervision	
1 25	Consultant Supervision	75,765	2 25	Consultant Supervision	82,000	3 25	Consultant Supervision	15,000
1 26	Freight/Transportation	9,600	2 26	Freight/Transportation	2,000	3 26	Freight/Transportation	5,000
1 27	Labor	98,500	2 27	Labor	14,220	3 27	Labor	28,000
1 28	Supplies - Surface	2,500	2 28	Supplies - Surface	2,000	3 28	Supplies - Surface	
1 29	Supplies - Living Quarters	1,000	2 29	Supplies - Living Quarters	2,000	3 29	Supplies - Living Quarters	
1 30	Rentals - Surface	41,464	2 30	Rentals - Surface	20,080	3 30	Rentals - Surface	
1 31	Rentals - Living Quarters	27,607	2 31	Rentals - Living Quarters	14,960	3 31	Rentals - Living Quarters	
1 32	Rentals - Downhole	2,000	2 32	Rentals - Downhole	0	3 32	Rentals - Downhole	
1 33	Rentals - Pipe & Handling Tools	33,843	2 33	Rentals - Pipe & Handling Tools	0	3 33	Rentals - Pipe & Handling Tools	
1 34	Rentals - Frac Stack	0	2 34	Rentals - Frac Stack	92,688	3 34	Rentals - Frac Stack	
1 35	Rentals - Frac Tanks	4,266	2 35	Rentals - Frac Tanks	79,315	3 35	Rentals - Frac Tanks	
1 36	Coil Tubing Unit/Workover Rig	0	2 36	Coil Tubing Unit/Workover Rig	91,066	3 36	Coil Tubing Unit/Workover Rig	83,400
1 37	Wireline/Slickline/Perforating	0	2 37	Wireline/Slickline/Perforating	239,064	3 37	Wireline/Slickline/Perforating	
1 38	Temporary Packers/Plugs	0	2 38	Temporary Packers/Plugs	41,600	3 38	Temporary Packers/Plugs	
1 39	High Pressure Pump Truck	0	2 39	High Pressure Pump Truck	58,300	3 39	High Pressure Pump Truck	
1 40	Stimulation	0	2 40	Stimulation	1,817,705	3 40	Stimulation	
1 41	Rentals - Pressure Control	0	2 41	Rentals - Pressure Control	0	3 41	Rentals - Pressure Control	
1 42	Flowback Services	0	2 42	Flowback Services	48,681	3 42	Flowback Services	38,500
1 43	Water Transfer Services	0	2 43	Water Transfer Services	79,500	3 43	Water Transfer Services	
1 44	Flowback Water Trucking & Disposal	0	2 44	Flowback Water Trucking & Disposal	13,056	3 44	Flowback Water Trucking & Disposal	0
1 45	Permanent Equipment Installation	0	2 45	Permanent Equipment Installation	0	3 45	Permanent Equipment Installation	
1 46	Pipeline Tapping Services	0	2 46	Pipeline Tapping Services	0	3 46	Pipeline Tapping Services	
1 47	Plugging & Abandonment	0	2 47	Plugging & Abandonment	0	3 47	Plugging & Abandonment	
1 53	Overhead	0	2 53	Overhead	16,860	3 53	Overhead	5,500
1 54	Insurance	0	2 54	Insurance	0	3 54	Insurance	
1 55	Contingency	43,383	2 55	Contingency	123,128	3 55	Contingency	7,095
<b>TOTAL INTANGIBLE DRILLING COSTS: \$1,489,485</b>			<b>TOTAL INTANGIBLE COMPLETION COSTS: \$3,502,030</b>			<b>TOTAL INTANGIBLE PRODUCTION COSTS: \$187,495</b>		

TANGIBLE DRILLING COSTS			TANGIBLE COMPLETION COSTS			TANGIBLE PRODUCTION COSTS		
COST CODES	DESCRIPTION	AMOUNT	COST CODES	DESCRIPTION	AMOUNT	COST CODES	DESCRIPTION	AMOUNT
4 60	Conductor Casing	18,000	5 60	Conductor Casing		6 60	Conductor Casing	
4 61	Surface Casing	31,625	5 61	Surface Casing		6 61	Surface Casing	
4 62	1st Intermediate Casing	91,200	5 62	1st Intermediate Casing		6 62	1st Intermediate Casing	
4 63	2nd Intermediate Casing	0	5 63	2nd Intermediate Casing		6 63	2nd Intermediate Casing	
4 64	Production Casing	422,940	5 64	Production Casing	0	6 64	Production Casing	
4 65	Tubing		5 65	Tubing		6 65	Tubing	50,000
4 66	Wellhead	78,000	5 66	Wellhead	0	6 66	Wellhead	31,500
4 67	Permanent Packers/Hangers/Plugs		5 67	Permanent Packers/Hangers/Plugs		6 67	Permanent Packers/Hangers/Plugs	10,000
4 68	Tanks		5 68	Tanks		6 68	Tanks	
4 69	Production Vessels		5 69	Production Vessels		6 69	Production Vessels	107,000
4 70	Compressors		5 70	Compressors		6 70	Compressors	
4 71	Surface Flowlines		5 71	Surface Flowlines		6 71	Surface Flowlines	50,000
4 72	Gathering Lines		5 72	Gathering Lines		6 72	Gathering Lines	0
4 73	Valves & Controllers		5 73	Valves & Controllers		6 73	Valves & Controllers	
4 74	Artificial Lift Equipment		5 74	Artificial Lift Equipment		6 74	Artificial Lift Equipment	15,000
4 75	Instrumentation & Measurement		5 75	Instrumentation & Measurement		6 75	Instrumentation & Measurement	
4 76	Electrical Grounding/Safety Equipment		5 76	Electrical Grounding/Safety Equipment		6 76	Electrical Grounding/Safety Equipment	
4 77	Permanent Equipment Installation		5 77	Permanent Equipment Installation		6 77	Permanent Equipment Installation	3,500
4 80	Other - Surface		5 80	Other - Surface		6 80	Other - Surface	
4 81	Other - Downhole	15,000	5 81	Other - Downhole		6 81	Other - Downhole	
<b>TOTAL TANGIBLE DRILLING COSTS: \$656,765</b>			<b>TOTAL TANGIBLE COMPLETION COSTS: \$0</b>			<b>TOTAL TANGIBLE PRODUCTION COSTS: \$289,000</b>		
<b>TOTAL DRILLING COSTS: \$2,146,250</b>			<b>TOTAL COMPLETION COSTS: \$3,502,030</b>			<b>TOTAL PRODUCTION COSTS: \$476,495</b>		
<b>TOTAL WELL COST: \$6,124,775</b>								

TAP ROCK RESOURCES COMPANY APPROVAL:

CEO \_\_\_\_\_ VP - EXPLORATION \_\_\_\_\_

CFO \_\_\_\_\_ VP - OPERATIONS \_\_\_\_\_

VP - LAND & LEGAL \_\_\_\_\_ SENIOR GEOLOGIST \_\_\_\_\_

NON OPERATING PARTNER APPROVAL:

COMPANY NAME: \_\_\_\_\_

SIGNED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_

WORKING INTEREST (%): \_\_\_\_\_ DATE: \_\_\_\_\_

TAX ID: \_\_\_\_\_ APPROVAL: \_\_\_\_\_

AFE is an estimate only. By signing this AFE, you agree to pay your proportionate share of the actual costs.





# Summary of Communication

Party	Communication
Enriqueta Garrett	7/9/21- Sent well proposals via Certified Mail 8/17/21 - Tap Rock reached out via email regarding said interest; no response

- \* Final interest subject to division order title verification

Tapco State Fed Com 112H

Exhibit 6  
Case No. 22209

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

APPLICATION OF TAP ROCK OPERATING, LLC  
FOR A STANDARD HORIZONTAL SPACING  
AND PRORATION UNIT AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO

Case No. 22209

AFFIDAVIT OF ELI DENBESTEN

I, being duly sworn on oath, state the following:

1. I am over the age of 18, and I have personal knowledge of the matters stated herein.
2. I am employed as a petroleum geologist for Tap Rock Operating, LLC (“Tap Rock”), and I am familiar with the subject applications and the geology involved.
3. This affidavit is submitted in connection with the filing by Tap Rock of the above-referenced compulsory pooling applications pursuant to 19.15.4.12.A(1) NMAC.
4. I have not previously testified before the New Mexico Oil Conservation Division. I hold a bachelor’s degree in Geology from Grand Valley State University. Since 2014 I have been employed as a petroleum geologist for several independent and small private oil and gas companies. Much of my professional work since 2018 has focused on the Midland Basin of Texas and the Delaware Basin of New Mexico and Texas.
5. **Exhibit 7** is a Project Locator Map depicting the location of the Horizontal Spacing Unit (“HSU”) within the Delaware Basin. Within Section 16 of 26S 35E and Section 21 of 26S 35E, is the proposed Talco State Federal Com #112H (the “Well”).
6. **Exhibit 8** is a Gun Barrel Diagram showing the planned Bone Spring horizontal spacing for the Well. This diagram shows the projected development of the Bone Spring Well. A



nearby type log has been included (for log descriptions, see **Exhibit 10** below) to show approximate depths and reservoir quality of the landing zone.

7. **Exhibit 9** is a 1<sup>st</sup> Bone Spring Sand structure map in subsea vertical depth. This map shows the location of the Talco State Federal Com W/2 W/2 HSU outlined by the red box. The surface/bottom hole locations of the Well is shown, zoomed in, to the right. The contour intervals are 25 feet each. There is a synclinal feature to the south of the surface hole location with an axis in the middle of Section 21 of 26S 35E. The orientation of the Well will be approximately perpendicular to the synclinal axis. Other horizontal wells shown on the map are all Wolfcamp producers. The vertical wells controlling the structure map have the subsea vertical depth posted in maroon. The subsequent cross-section from A-A' (**Exhibit 10**) is also identified to locate our closest control on the reservoir properties for the Well. I do not observe any faulting, pinch-outs, or other geologic impediments or hazards to developing this targeted interval with a horizontal well.

8. **Exhibit 10** is a Bone Spring Stratigraphic Cross Section (flattened on the uppermost 1<sup>st</sup> Bone Spring Sand surface). For each well, track 1 has a gamma ray log with interpreted color fill for lithology and scaled from 0 to 150 api units. For gamma ray, the blue colors indicate carbonate, yellow to orange are sandstone/siltstones, and the darker browns are shale facies. Track 2 has the deep resistivity log, scaled from 2 ohmm to 2000 ohmm. The red shading cutoff is at 20 ohmm or less to help identify the more siliciclastic rocks. Track 3 is the porosity track and contains the red neutron porosity curve and the blue density porosity curve, both scaled from 20% to 0%. The gray shading is separation of neutron and density porosity curves and typically interpreted as increasing clay content with increasing separation. The purple shading on the density porosity curve highlights anything greater than 8% porosity. This cutoff indicates the

best rock properties for reservoir evaluation. The cross-section identifies the key tops used to evaluate reservoirs and landing targets for the Well. Peach circles on the depth track of Well 3 show the landing target intervals for the Well.

9. **Exhibit 11** is an Isopach Map of the Gross Bone Spring Sand interval. This map shows the location of the Talco State Federal Com HSU outlined by the red box. The surface/bottom hole location of the Well is shown, zoomed in, to the right. The anticipated gross thickness of the interval is 3100-3150' throughout the HSU. The contour intervals are 25'. There are no horizontal wells that have targeted this interval in the direct vicinity, and all the horizontals shown on the map are landed in the Wolfcamp formation. The location of the previous cross-section from A-A' is also shown on this map.

10. Based on my geologic study of the area, I conclude the following:

- a. The horizontal spacing and proration unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter-quarter section in the unit will contribute more or less equally to production.
- d. The preferred well orientation in this area is north-south. This is because the inferred orientation of the maximum horizontal stress is roughly northwest-southeast.

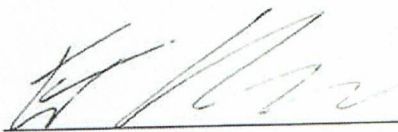
11. **Exhibit 12** shows a Simplified Wellbore Diagram of the Well in the HSU and demonstrate that the first and last take points for the Well will be standard.

12. The Exhibits to this Affidavit were prepared by me, or compiled from Tap Rock's company business records.

13. The granting of this Application is in the interests of conservation and the prevention of waste.

14. The foregoing is correct and complete to the best of my knowledge and belief.

FURTHER AFFIANT SAYETH NAUGHT

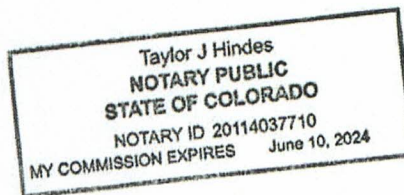
  
\_\_\_\_\_  
ELI DENBESTEN

STATE OF COLORADO    )  
                                  )ss  
COUNTY OF JEFFERSON)

Subscribed to and sworn before me this 21<sup>st</sup> day of September, 2021.

  
\_\_\_\_\_  
Notary Public

My Commission expires June 10, 2024.



# Project Locator Map - Talco State Fed Com 112H

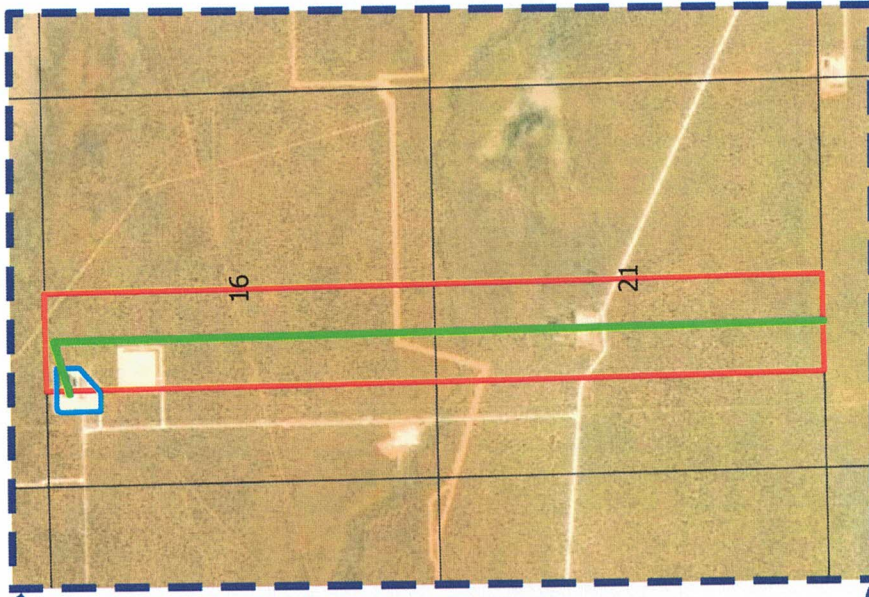
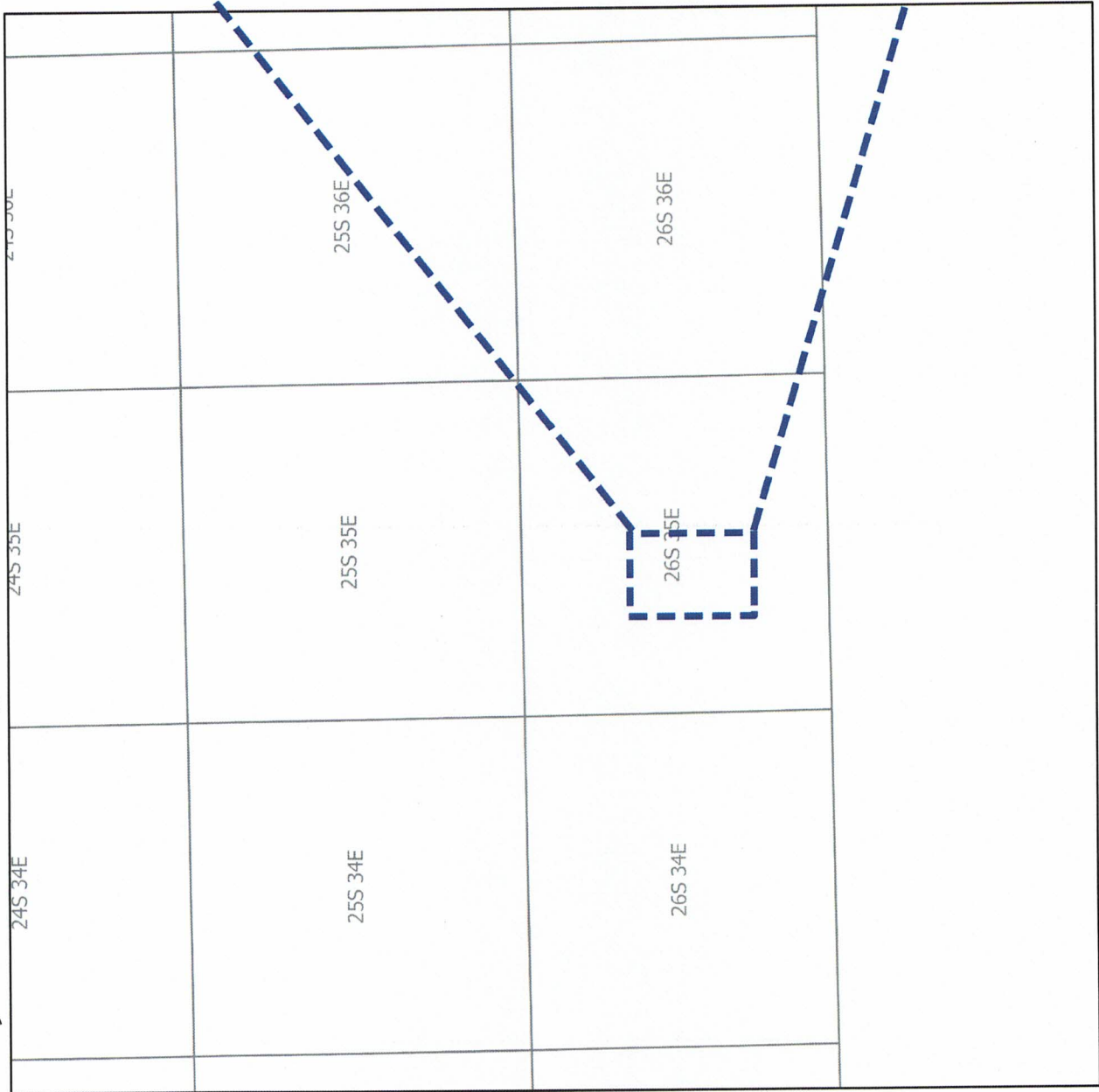


Exhibit 7

Case No. 22209

Talco State Fed Com 112H



Bone Spring Target Zone Development

Talco (W/2 Sec 21/16)

(E/2 Sec 21/16)

DEVON ENERGY PROD  
STARMAN FEDERAL UNIT

30025277520000

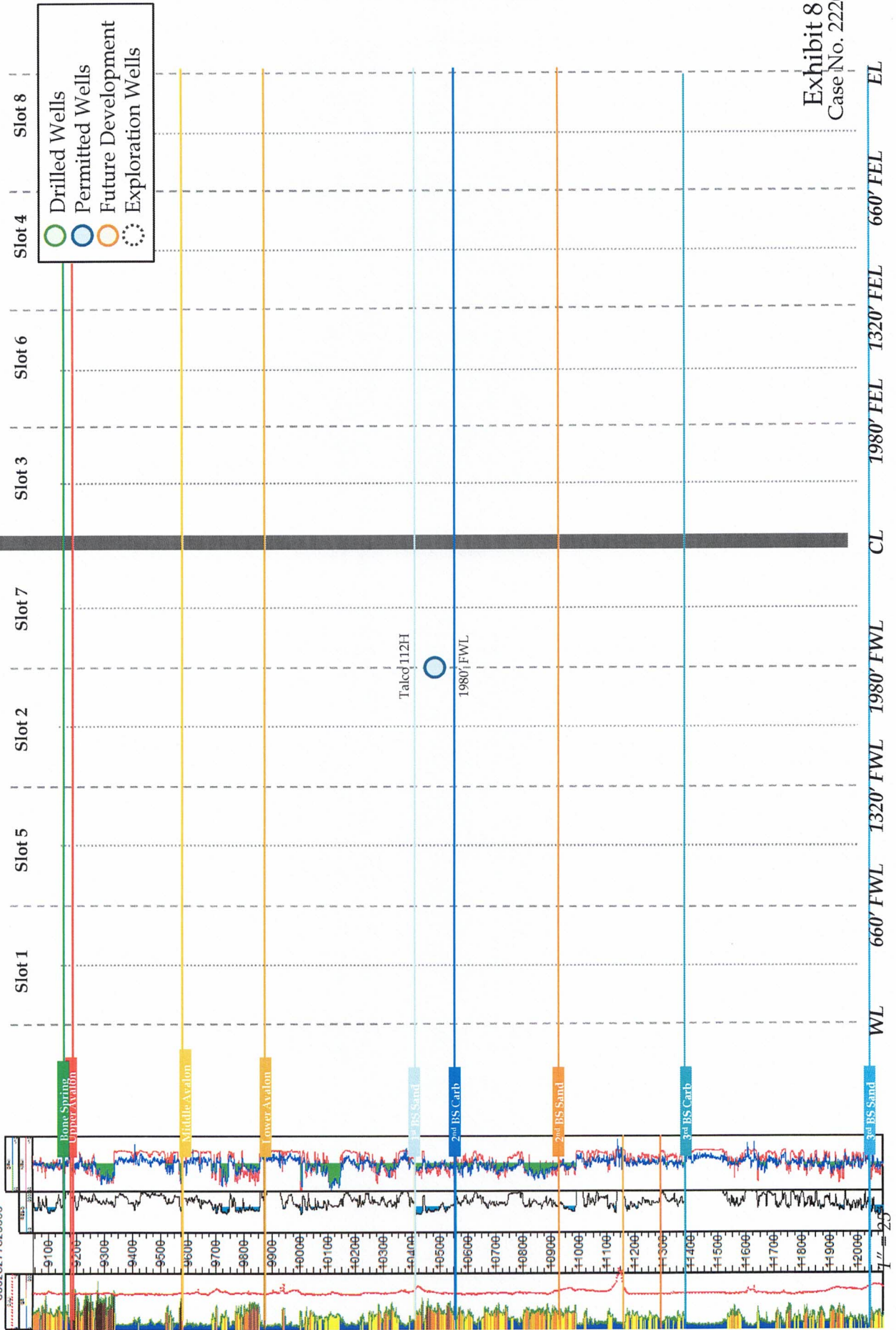
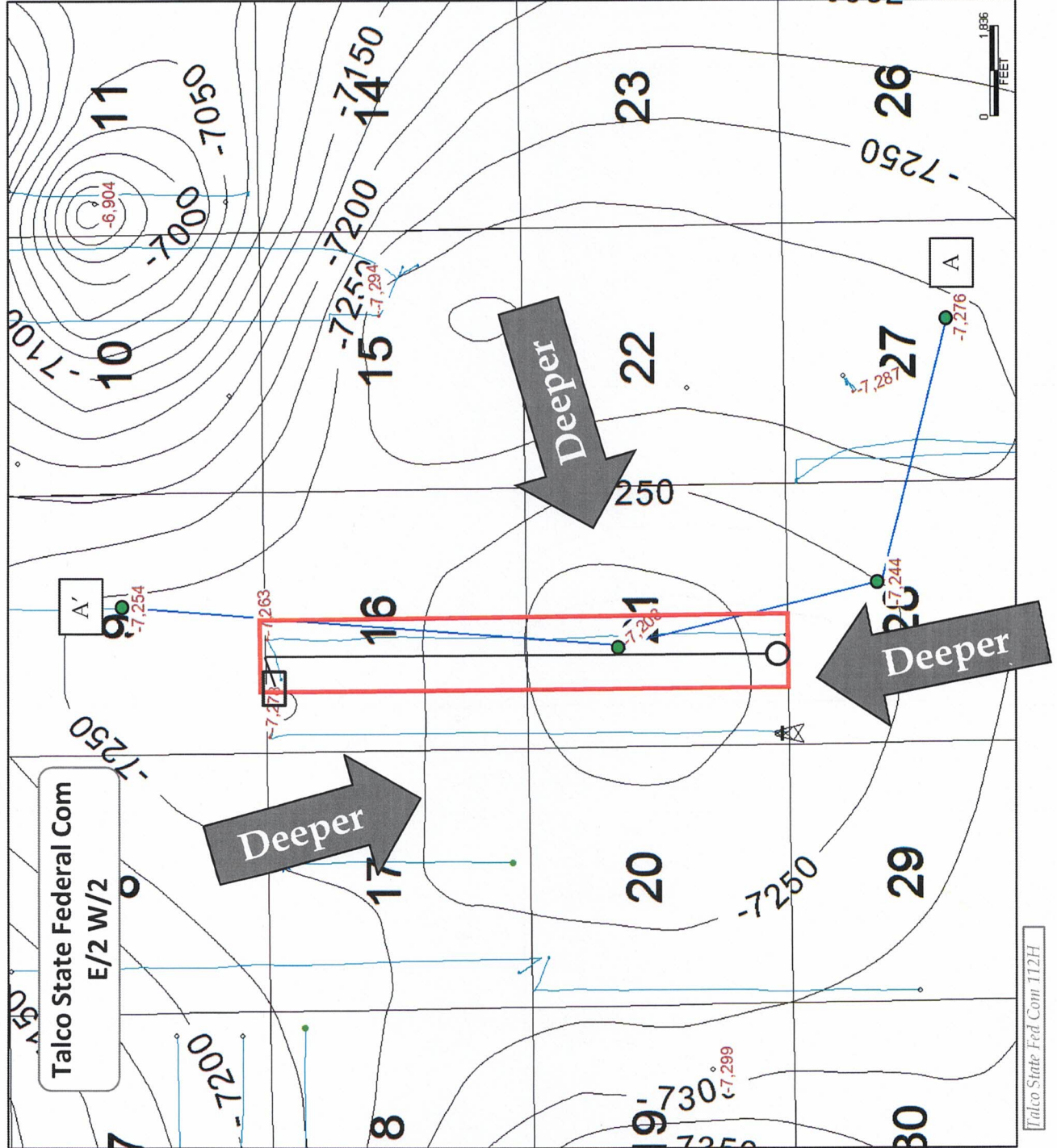


Exhibit 8  
Case No. 2220'





# Top Bone Spring [Subsea Structure Map; CI=25']



## Map Legend

- SHL Tap Rock – Horizontal Locator
- BHL



Spacing Unit

C.I. = 25'

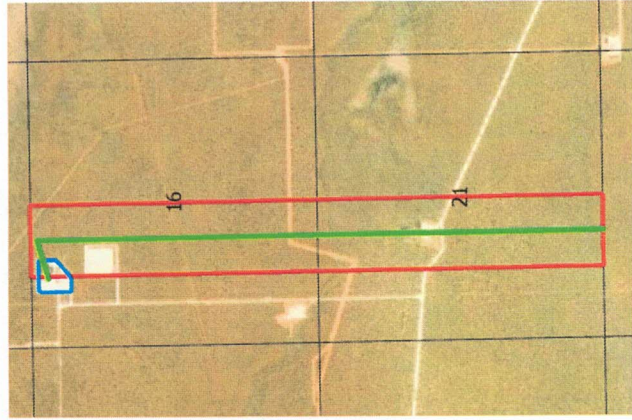


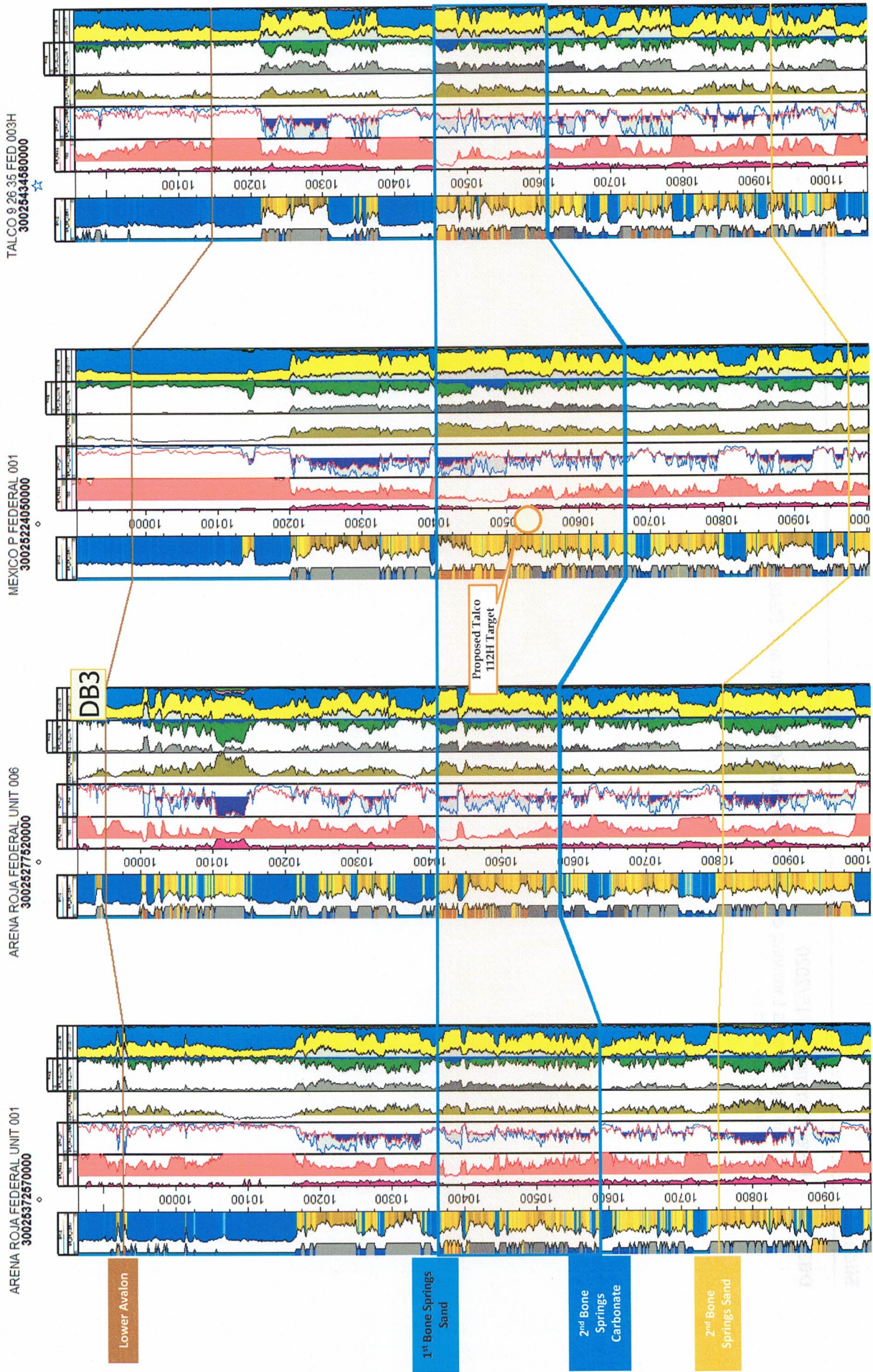
Exhibit 9  
Case No. 22209

# Stratigraphic Cross-Section - A-A'



A'

A



1" = 15'

Talco State Fed Cont 112H

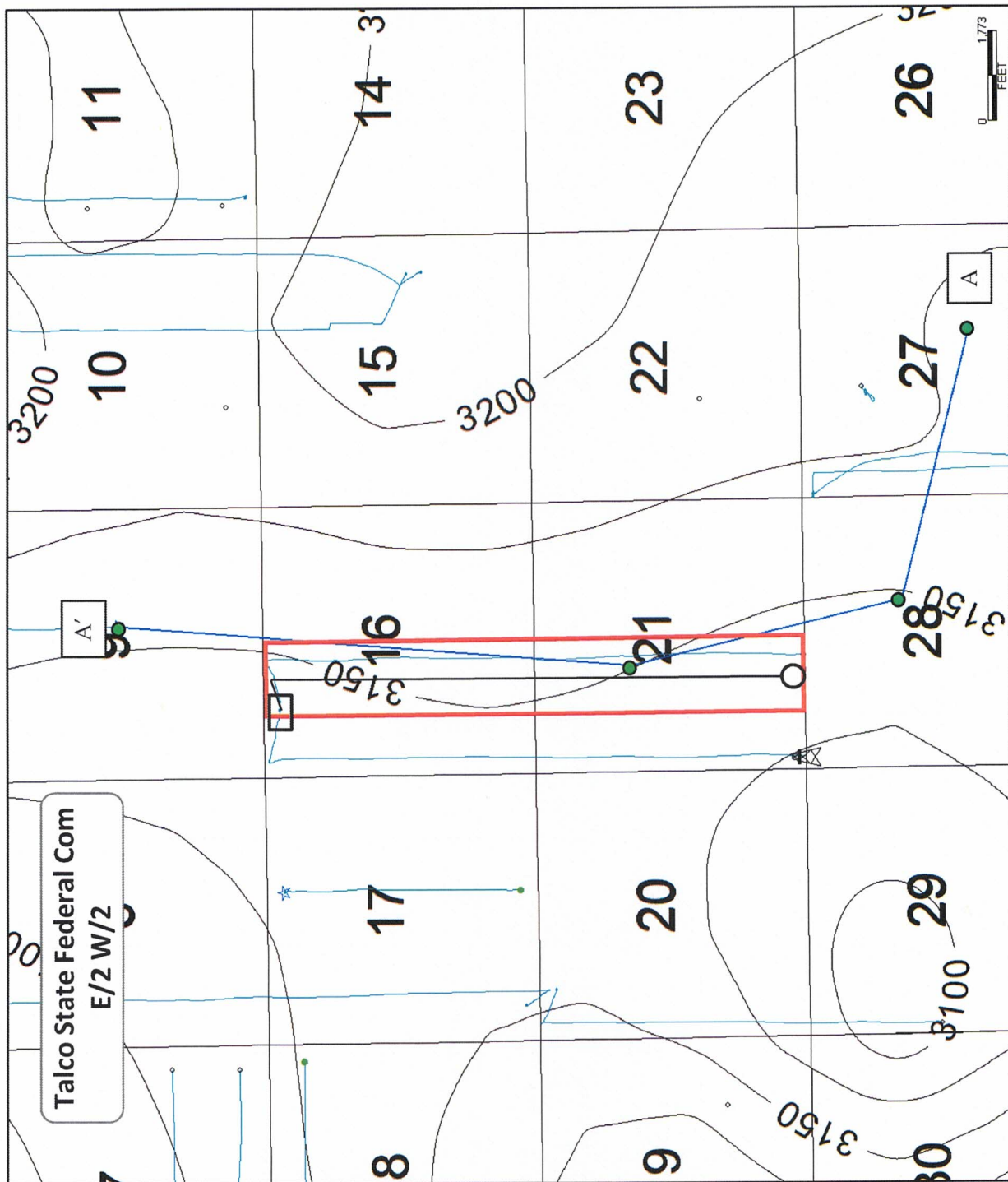
Exhibit 10

Case No. 22209



# Gross Bone Spring [Isopach Map; CI=25']

Top Bone Spring - Top Wolfcamp



## Map Legend

- SHL Tap Rock - Horizontal Locator
- BHL



Spacing Unit

C.I. = 25'



Exhibit 11  
Case No. 22209

Talco State Fed Com 112H



# Talco State Federal Com 112H (2 mile N-S Lateral)

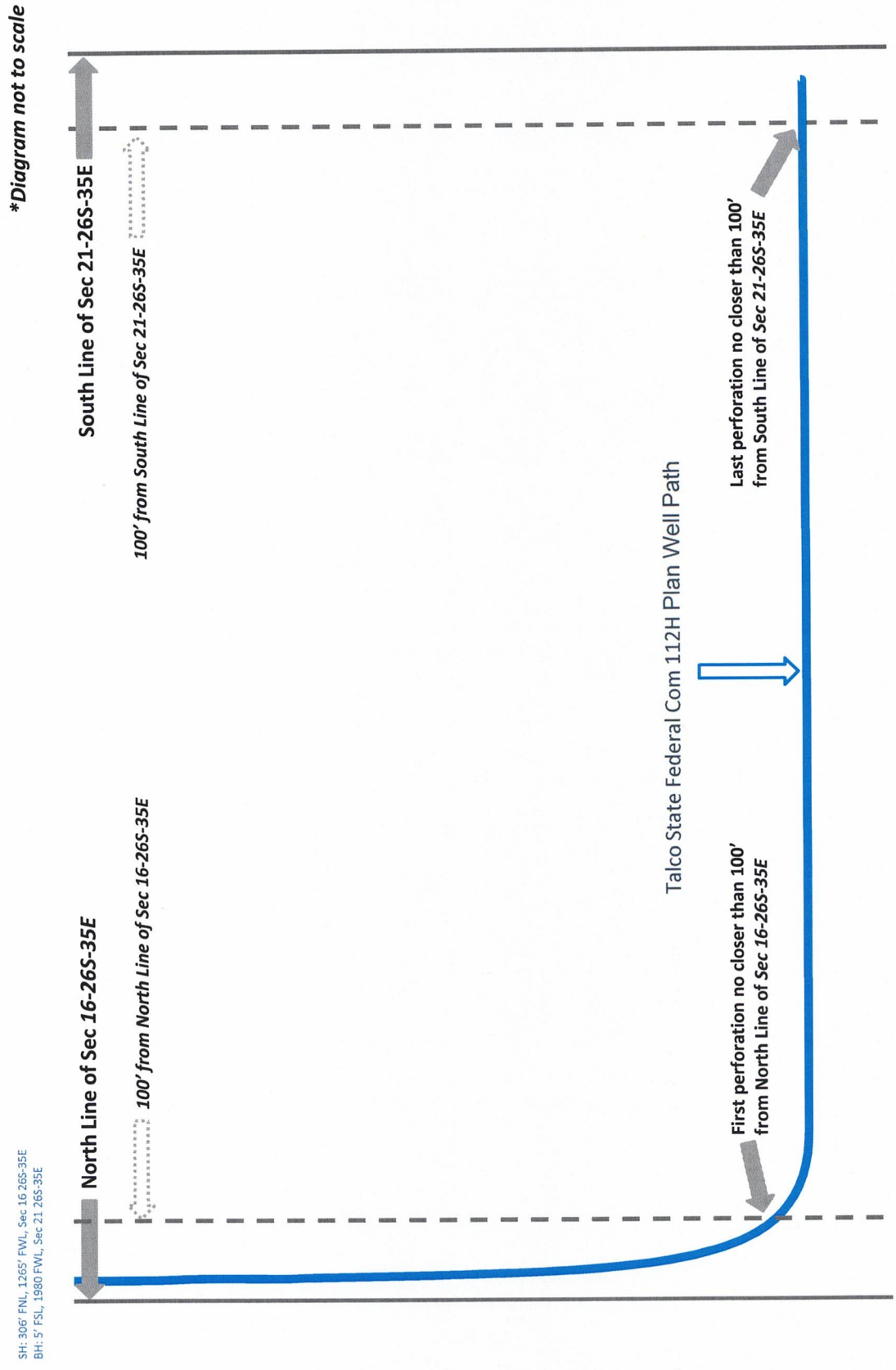


Exhibit 12  
Case No. 22209

Talco State Fed Com 112H

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

APPLICATIONS OF TAP ROCK RESOURCES, LLC  
FOR COMPULSORY POOLING, LEA COUNTY,  
NEW MEXICO.

Case Nos. 22208 and 22209

SELF-AFFIRMED STATEMENT OF NOTICE

COUNTY OF SANTA FE    )  
  ) ss.  
STATE OF NEW MEXICO )

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Tap Rock Resources, LLC.
3. Tap Rock Resources, LLC has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. 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 5 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: 10/5/21

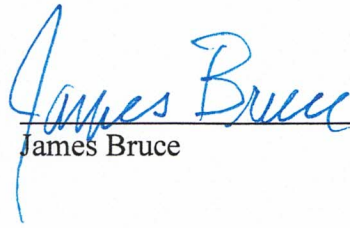
  
James Bruce

EXHIBIT D

**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)

September 16, 2021

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of the following applications for compulsory pooling, filed with the New Mexico Oil Conservation Division by Tap Rock Resources, LLC:

1. Case No. 22208, regarding the Bone Spring formation in the W/2W/2 of Sections 16 and 21, Township 26 South, Range 35 East NMPM; and
2. Case No. 22209, regarding the Bone Spring formation in the E/2W/2 of Sections 16 and 21, Township 26 South, Range 35 East NMPM.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, October 7, 2021. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to [emnrd.state.nm.us/OCD/hearings](http://emnrd.state.nm.us/OCD/hearings) or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>.

You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters 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 Thursday, September 30, 2021. This statement may be filed online with the Division at [ocd.hearings@state.nm.us](mailto:ocd.hearings@state.nm.us), 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.

ATTACHMENT



**Overriding royalty owners are not subject to the cost recovery and risk charges requested in the applications. You are notified simply to join your interests in the well units.**

Very truly yours,

  
James Bruce

Attorney for Tap Rock Resources, LLC

**Talco BS WI Owners:**

**Enriqueta Garrett**  
5710 Antares Court  
Dallas, TX 75252

**Devon Energy Production Company, LP**  
333 West Sheridan Ave  
Oklahoma City, OK 73102

**Talco BS ORRI Owners:**

**Dorchester Minerals, LP f/k/a  
Spinnaker Royalty Company**  
3838 OAK LAWN AVE. STE #300  
Dallas, TX 75219-4541

**TD Minerals, LLC**  
8111 Westchester, Suite 900  
Dallas, TX 75225

**Tumbler Energy Partners, LLC**  
P. O. Box 229  
Fort Worth, TX 76101

**Gabriel Joshua Heafitz**  
Gracie Terrace, #19-A  
New York, NY 10028

**Samara Galit Heafitz**  
Gracie Terrace, #19-A  
New York, NY 10028

**President and Fellows of  
Harvard University**  
600 Atlantis Ave.  
Boston, MA 02210

EXHIBIT

**A**



**Bruce Heafitz**  
3802 NE 207th St.  
Apt. 2703  
Miami, FL 33180

**Innerarity Family Minerals, LLC**  
P. O. Box 313  
Midland, TX 79702

**Jules Russell Toraby**  
1243 Hardscrabble Rd.  
Chappaqua, NY 10514

**Sophia Augusta Toraby**  
1243 Hardscrabble Rd.  
Chappaqua, NY 10514

**Jeanette Fisher McKillop**  
1144 S. Gaylord  
Denver, CO 80210

**Carrie Bridget Fisher**  
1144 S. Gaylord  
Denver, CO 80210

**Wing Resources V LLC**  
2100 MCKINNEY AVE SUITE 1540  
Dallas, TX 75201

**Tap Rock Resources, LLC**  
523 Park Point Dr Suite 200  
Golden, CO 80401

**Devon Energy Production  
Company, LP**  
333 West Sheridan Ave  
Oklahoma City, OK 73102

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.

1. Article Addressed to:

Dorchester Minerals, LP f/k/a  
Spinnaker Royalty Company  
3838 OAK LAWN AVE, STE #300  
DALLAS, TX 75219-4541



9590 9402 6769 1074 5693 38

2. Article Number **7021 0350 0001 3337 8964**

Insured Mail Restricted Delivery (over \$500)

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature **Christine Plant**  Agent  Addressee
- B. Received by (Printed Name) **Christine Plant** C. Date of Delivery **9/20/21**
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type
- Priority Mail Express®
  - Registered Mail™
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Signature Confirmation™
  - Signature Confirmation Restricted Delivery

8964

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Domestic Return Receipt

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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

Dorchester Minerals, LP f/k/a  
Spinnaker Royalty Company  
3838 OAK LAWN AVE, STE #300  
DALLAS, TX 75219-4541

Sent To

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

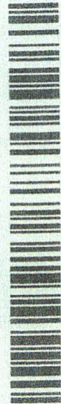
See Reverse for Instructions

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- 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.

1. Article Addressed to:

Devon Energy Production Company, LP  
333 West Sheridan Ave  
Oklahoma City, OK 73102



9590 9402 6769 1074 5693 45

2. Article Number **7021 0350 0001 3337 8971**

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7768 2EE3 T000 05E0 T202

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- Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

Sent To  
Devon Energy Production Company, LP  
333 West Sheridan Ave  
Oklahoma City, OK 73102

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

COMPLETE THIS SECTION ON DELIVERY

- A. Signature **Duper**  Agent  Addressee
- B. Received by (Printed Name) **Duper** C. Date of Delivery **9/20/21**
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:



3. Service Type
- Priority Mail Express®
  - Registered Mail™
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Signature Confirmation™
  - Signature Confirmation Restricted Delivery
  - Collect on Delivery Restricted Delivery

ed Delivery

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 Return Receipt (hardcopy) \$  
 Return Receipt (electronic) \$  
 Certified Mail Restricted Delivery \$  
 Adult Signature Required \$  
 Adult Signature Restricted Delivery \$  
 Postage \$  
 Total Postage and Fees \$

Sent To Samara Galit Heafitz  
Grace Terrace, #19-A  
New York, NY 10028  
 Street and Apt. No., or PO Box No.  
 City, State, ZIP+4®

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

9226 2333 7000 0350 1202

**COMPLETE THIS SECTION ON DELIVERY**

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1. Article Addressed to:  
 TD Minerals, LLC  
 8111 Westchester, Suite 900  
 Dallas, TX 75225

2. Article 7021 0350 0001 3337 8926  
 Restricted Delivery (over \$500)

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature [Signature]  Agent  Addressed  
 Addressed

B. Received by (Printed Name) Sam H. Galit C. Date of Delivery 9/22/21

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 Restricted Delivery

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

9226 2333 7000 0350 1202

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 Return Receipt (hardcopy) \$  
 Return Receipt (electronic) \$  
 Certified Mail Restricted Delivery \$  
 Adult Signature Required \$  
 Adult Signature Restricted Delivery \$  
 Postage \$  
 Total Postage and Fees \$

Sent To TD Minerals, LLC  
8111 Westchester, Suite 900  
Dallas, TX 75225  
 Street and Apt. No., or PO Box No.  
 City, State, ZIP+4®

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

9226 2333 7000 0350 1202

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1. Article Addressed to:  
 Samara Galit Heafitz  
 Grace Terrace, #19-A  
 New York, NY 10028

2. Article 7021 0350 0001 3337 8926  
 Restricted Delivery (over \$500)

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

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A. Signature [Signature]  Agent  Addressed  
 Addressed

B. Received by (Printed Name) COULD C. Date of Delivery 9/22

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 Restricted Delivery

Postmark Here

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

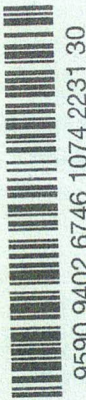
9226 2333 7000 0350 1202

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- 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.

1. Article Addressed to:

Gabriel Joshua Heafitz  
 Grace Terrace, #19-A  
 New York, NY 10028



2. Article Number (Manufacture from service label)  
 7021 0350 0001 3337 8933 (over \$500)

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

Domestic Return Receipt

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- A. Signature  Agent  Addressee
- B. Received by (Printed Name) COVID  Date of Delivery 9/21/21
- C. Is delivery address different from item 1?  Yes  No
- D. If YES, enter delivery address below:

- 3. Service Type
  - Adult Signature
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Collect on Delivery
  - Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
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Restricted Delivery

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  - Return Receipt (hardcopy) \$
  - Return Receipt (electronic) \$
  - Certified Mail Restricted Delivery \$
  - Adult Signature Required \$
  - Adult Signature Restricted Delivery \$

Postmark Here

Postage

Total Postage and Fees

Gabriel Joshua Heafitz  
 Grace Terrace, #19-A  
 New York, NY 10028

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

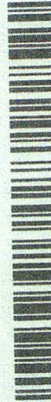
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SENDER: COMPLETE THIS SECTION

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- 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.

1. Article Addressed to:

Bruce Heafitz  
 3802 NE 207th St.  
 Apt. 2703  
 Miami, FL 33180



2. Article Number (Manufacture from service label)  
 7021 0350 0001 3337 8902

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) Heafitz  Date of Delivery 9/21/21
- C. Is delivery address different from item 1?  Yes  No
- D. If YES, enter delivery address below:

COVID-19

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Certified Mail Restricted Delivery
- Certified Mail Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Insured Mail (over \$500)

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  - Return Receipt (hardcopy) \$
  - Return Receipt (electronic) \$
  - Certified Mail Restricted Delivery \$
  - Adult Signature Required \$
  - Adult Signature Restricted Delivery \$

Postmark Here

Postage

Total Postage and Fees

Bruce Heafitz  
 3802 NE 207th St.  
 Apt. 2703  
 Miami, FL 33180

Street and Apt. No., or PO Box

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7021 0350 0001 3337 8902

7021 0350 0001 3337 8902

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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 Innerarity Family Minerals, LLC  
P. O. Box 313  
Midland, TX 79702

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

City, State, ZIP+4® \_\_\_\_\_

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature Enriqueta Garrett  Agent  Addressee

B. Received by (Printed Name) Enriqueta Garrett C. Date of Delivery 9/22/21

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

1. Article Addressed to:

Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Signature Confirmation™  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery

2. A. Article Addressed to: 7021 0350 0001 3337 8988 (over \$500) TRT Domestic Return Receipt

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature [Signature]  Agent  Addressee

B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_

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

1. Article Addressed to:

Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Signature Confirmation™  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery

2. A. Article Addressed to: 7021 0350 0001 3337 8988 (over \$500) TRT Domestic Return Receipt

PS Form 3800, April 2015 PSN 7530-02-000-9047

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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 Enriqueta Garrett  
5710 Anaires Court  
Dallas, TX 75252

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

City, State, ZIP+4® \_\_\_\_\_

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

7202 0350 0001 3337 8834

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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 Tap Rock Resources, LLC  
 523 Park Point Dr Suite 200  
 Golden, CO 80401

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

City, State, ZIP+4® \_\_\_\_\_

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

**SENDER: COMPLETE THIS SECTION**

1. 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.

1. Article Addressed to:

Wing Resources V LLC  
 2100 MCKINNEY AVE SUITE 1540  
 Dallas, TX 75201

9590 9402 6746 1074 2230 48

Article Number (Transfer from services label)  
 7021 0350 0001 3337 8834

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature [Signature]

B. Received by (Printed Name) [Signature] Date of Delivery \_\_\_\_\_

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

3. Service Type

Priority Mail Express®

Adult Signature

Registered Mail™

Registered Mail Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Signature Confirmation™

Signature Confirmation™ Restricted Delivery

Collect on Delivery

Collect on Delivery Restricted Delivery

Restricted Delivery TRJ

Domestic Return Receipt

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**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 Wing Resources V LLC  
 2100 MCKINNEY AVE SUITE 1540  
 Dallas, TX 75201

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

City, State, ZIP+4® \_\_\_\_\_

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

7202 0350 0001 3337 8834

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:

Tap Rock Resources, LLC  
 523 Park Point Dr Suite 200  
 Golden, CO 80401

9590 9402 6746 1074 2230 31

Article Addressed to:

7021 0350 0001 3337 8834

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature [Signature]

B. Received by (Printed Name) [Signature] Date of Delivery 9/30/21

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

3. Service Type

Priority Mail Express®

Adult Signature

Registered Mail™

Registered Mail Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Signature Confirmation™

Signature Confirmation™ Restricted Delivery

Collect on Delivery

Collect on Delivery Restricted Delivery

Restricted Delivery TRJ

Domestic Return Receipt

7021 0350 0001 3337 8858

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**OFFICIAL USE**

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 **Carrie Bridget Fisher**  
1144 S. Gaylord  
Denver, CO 80210

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

City, State, ZIP+4® \_\_\_\_\_

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

7021 0350 0001 3337 8865

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**OFFICIAL USE**

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 **Jeanette Fisher McKillop**  
1144 S. Gaylord  
Denver, CO 80210

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

City, State, ZIP+4® \_\_\_\_\_

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

7021 0350 0001 3337 8889

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**OFFICIAL USE**

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 **Jules Russell Toraby**  
1243 Hardscrabble Rd.  
Chappaqua, NY 10514

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

City, State, ZIP+4® \_\_\_\_\_

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

7021 0350 0001 3337 8872

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**OFFICIAL USE**

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 **Sophia Augusta Toraby**  
1243 Hardscrabble Rd.  
Chappaqua, NY 10514

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

City, State, ZIP+4® \_\_\_\_\_

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

7021 0350 0001 3337 8940

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**OFFICIAL USE**

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 **Tumbler Energy Partners, LLC**  
P. O. Box 229  
Fort Worth, TX 76101

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

City, State, ZIP+4® \_\_\_\_\_

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

7021 0350 0001 3337 8919

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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)

<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 **President and Fellows of Harvard University**  
600 Atlantis Ave.  
Boston, MA 02210

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

City, State, ZIP+4® \_\_\_\_\_

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

# 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  
September 23, 2021  
and ending with the issue dated  
September 23, 2021.

EXHIBIT

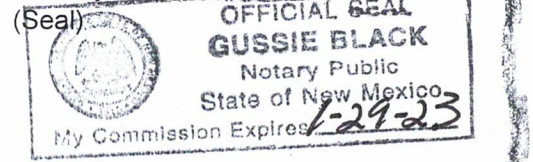
*E*

*Daniel Russell*  
\_\_\_\_\_  
Publisher

Sworn and subscribed to before me this  
23rd day of September 2021.

*Gussie Black*  
\_\_\_\_\_  
Business Manager

My commission expires  
January 29, 2023



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 NOTICE**  
September 23, 2021

**NOTICE**

To: Enriqueta Garrett, Devon Energy Production Company L.P., Dorchester Minerals LP f/k/a Spinnaker Royalty Company, TD Minerals LLC, Tumbler Energy Partners LLC, Gabriel Joshua Heafitz, Samara Galit Heafitz, President and Fellows of Harvard University, Bruce Heafitz, Innerarity Family Minerals LLC, Jules Russell Toraby, Sophia Augusta Toraby, Jeanette Fisher McKillop, Carrie Bridget Fisher, and Wing Resources V LLC, or your heirs, devisees, successors, or assigns: Tap Rock Resources, LLC has applied to the Oil Conservation Division seeking orders pooling all mineral interests in the following well units:

Case No. 22208: Tap Rock Resources, LLC seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2W/2 of Section 16 and the W/2W/2 of Section 1, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Talco State Fed. Com. Well No. 111H; and

Case No. 22209: Tap Rock Resources, LLC seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2W/2 of Section 16 and the E/2W/2 of Section 1, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Talco State Fed. Com. Well No. 112H.

Also to be considered will be the cost of drilling, completing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of Tap Rock Operating, LLC as operator of the wells, and a 200% charge for the risk involved in drilling, completing, and equipping the wells.

The applications are scheduled to be heard at 8:15 a.m. on October 7, 2021. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to [emnrd.state.nm.us/OCD/hearings](http://emnrd.state.nm.us/OCD/hearings) or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. 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 Thursday, September 30, 2021. This statement may be filed online with the Division at [ocd.hearings@state.nm.us](mailto:ocd.hearings@state.nm.us), 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. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504. The units are located approximately 12 miles southwest of Jal, New Mexico. #36885

01101711

00258759

JAMES BRUCE  
JAMES BRUCE, ATTORNEY AT LAW  
P.O. BOX 1056  
SANTA FE, NM 87504



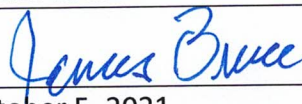
**COMPULSORY POOLING APPLICATION CHECKLIST****ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

<b>Case:</b>	<b>22209</b>
<b>Date</b>	<b>October 7, 2021</b>
Applicant	Tap Rock Resources, LLC
Designated Operator & OGRID (affiliation if applicable)	Tap Rock Operating, LLC/OGRID No. 372043 The operator is the operating entity for applicant
Applicant's Counsel:	James Bruce
Case Title:	Application of Tap Rock Resources, LLC for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Talco Wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring formation
Pool Name and Pool Code:	WC-025 G-09 S263527D; Bone Spring (Pool Code 98143)
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	160 acres
Building Blocks:	40 acres
Orientation:	North-South
Description: TRS/County	E/2W/2 §16 and E/2W/2 §21 -26S-35E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibits B-2 and B-3
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Talco State Fed. Com. Well No. 112H API No. 30-025-Pending SHL: 306 FNL & 1265 FWL §16 BHL: 5 FSL & 1980 FWL §21 FTP: 100 FNL & 1980 FWL §16 LTP: 100 FSL & 2980 FWL §21 Formation: Bone Spring/TVD 10487 feet/MD 21147 feet
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See Above

EXHIBIT

F

<b>A/E Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$7000
Production Supervision/Month \$	\$700
Justification for Supervision Costs	Exhibit B page 3
Requested Risk Charge	Cost + 200%/Exhibit B page 3
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit D
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit B-2
Tract List (including lease numbers and owners)	Exhibits B-2 and B-3
Pooled Parties (including ownership type)	Exhibits B-3 and B-4
Unlocatable Parties to be Pooled	
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit B-5
List of Interest Owners ( <i>i.e.</i> Exhibit A of JOA)	Exhibit B-3
Chronology of Contact with Non-Joined Working Interests	Exhibit B
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit B-5
Cost Estimate to Equip Well	Exhibit B-5
Cost Estimate for Production Facilities	Exhibit B-5
<b>Geology</b>	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C-7
Gunbarrel/Lateral Trajectory Schematic	Exhibit C-8
Well Orientation (with rationale)	Standup/Exhibit C
Target Formation	Bone Spring
HSU Cross Section	Exhibit C-10
Depth Severance Discussion	Not Applicable
<b>Forms, Figures and Tables</b>	
C-102	Exhibit B-1
Tracts	Exhibit B-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits B-2 and B-3
General Location Map (including basin)	Exhibit C-7
Well Bore Location Map	Exhibits C-7, 8, and 9
Structure Contour Map - Subsea Depth	Exhibit C-9
Cross Section Location Map (including	Exhibit C-9

Wells)	
Cross Section (including Landing Zone)	Exhibit C-10
<b>Additional Information</b>	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name (Attorney or Party Representative):</b>	James Bruce
<b>Signed Name (Attorney or Party Representative):</b>	
<b>Date:</b>	October 5, 2021