

Dingo Fed Com 131H, 201H

Case No. 22878

Date: July 21, 2022

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

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

CASE NO. 22878

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COMPULSORY POOLING APPLICATION CHECKLIST

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ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS				
Case No.:	22878			
Hearing Date:	7/21/2022			
Applicant	Tap Rock Operating, LLC			
Designated Operator & OGRID	372043			
Applicant's Counsel	Michael Rodriguez			
Case Title	Application of Tap Rock Operating, LLC for Compulsory Pooling, Lea County, New Mexico			
Entries of Appearance/Intervenors	COG operating LLC			
Well Family	Dingo			
Formation/Pool				
Formation Name(s) or Vertical Extent	Wolfcamp			
Primary Product (Oil or Gas)	Oil			
Pooling this vertical extent	Wolfcamp			
Pool Name and Pool Code	ANTELOPE RIDGE;WOLFCAMP [2220]			
Well Location Setback Rules	Standard			
Spacing Unit Size	240 acres			
Spacing Unit				
Type (Horizontal/Vertical)	Horizontal			
Size (Acres)	240 acres			
Building Blocks	quarter-quarter			
Orientation	Standup			
Description: TRS/County	W/2W/2 of Section 1 and W/2NW/4 of Section 12, Township 24 South, Range 34 East, NMPM, Lea County			
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes			
Other Situations				
Depth Severance: Y/N. If yes, description	No			
Proximity Tracts: If yes, description	No			
Proximity Defining Well: if yes, description	-			
Well(s)				
Name & API (if assigned), surface and bottom hole	Add wells as needed			
location,				
footages, completion target, orientation,				
completion status (standard or non-standard)				
Well #1	Dingo Federal Com #131H (API # pending)			
	SHL: 1812' FNL & 531' FWL, Section 12, T24S-R32E BHL: 5' FNL and 337' FWL of Sec. 1, T24S-R34E			
	Completion Target: Wolfcamp (Approx. 11850' TVD)			
Well #2	Dingo Federal Com #201H (API # pending)			
	SHL: 1813' FNL & 581' FWL, Section 12, T24S-R32E			
	BHL: 5' FNL and 986' FWL of Sec. 1, T24S-R32E			
	Completion Target: Wolfcamp (Approx. 11850' TVD)			
Horizontal Well First and Last Take Points	Exhibit A-2			
Completion Target (Formation, TVD and MD)	Exhibit A-4			
AFE Capex and Operating Costs				
Drilling Supervision/Month \$	\$8,000.00			
Production Supervision/Month \$	\$800.00			
Justification for Supervision Costs	Exhibit A			
Requested Risk Charge	200%			
Notice of Hearing				
Proposed Notice of Hearing Released to Imaging: 7/20/2022 8:13:16 AM	Exhibit A-1			

Released to Imaging: 7/20/2022 8:13:16 AM

Received by OCD: 7/19/2022 4:44:01 PM

	8
Proof of Mailed Notice of Hearing (20 days before	Exhibit A-6
hearing) Proof of Published Notice of Hearing (10 days before	Exhibit A-7
hearing)	
Ownership Determination	
Land Ownership Schematic of Spacing Unit	Exhibit A-3
Tract List (including lease numbers & owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Exhibit A
Ownership Depth Severance (including percentage	N/A
above & below)	
Joinder	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined WI	Exhibit A-5
Overhead Rates In Proposal Letter	N/A
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gross Isopach	Exhibit B-5
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-4
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-6
Structure Contour Map - Subsea Depth	Exhibit B-3
Cross Section Location Map (including wells)	Exhibit B-3
Cross Section (including Landing Zone)	Exhibit B-4
Additional Information	Exhibit B-2 (Gun Barrel Diagram)
CERTIFICATION: I hereby certify that the	
information	
provided in this checklist is complete and	
accurate.	
Printed Name (Attorney or Party	Michael Rodriguez
Representative):	
Signed Name (Attorney or Party	/s/ Michael Rodriguez
Representative):	
Date:	7/19/2022

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

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

CASE NO. 22878

SELF-AFFIRMED STATEMENT OF TAYLOR FORD

1. My name is Taylor Ford, and I am a landman at Tap Rock Operating, LLC ("TRO"). I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division") and my credentials as a petroleum landman have been accepted and made a matter of record.

2. I am familiar with the land matters involved in the above-referenced case. Copies of TRO's application and proposed hearing notice are attached as **Exhibit A-1**.

3. In this case, TRO seeks an order pooling all uncommitted interests in the ANTELOPE RIDGE; WOLFCAMP [2220] within the Wolfcamp formation underlying a 240-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the W/2W/2 of Section 1 and W/2NW/4 of Section 12, Township 24 South, Range 34 East, NMPM, Lea County, New Mexico.

4. The Unit will be dedicated to the following proposed initial wells ("Wells"):

• The **Dingo Federal Com #131H** and **Dingo Federal Com #201H** to be horizontally drilled from surface hole locations in the SW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 1.

5. **Exhibit A-2** contains Form C-102s for the Wells which demonstrate the completed intervals of the Wells will be orthodox.

6. **Exhibit A-3** contains a plat of the tracts included in the Unit and includes any applicable lease numbers, a recapitulation of the ownership interests within the Unit, and the interests TRO seeks to pool.

7. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to working interest owners for the Wells. The estimated costs reflected on the AFEs are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.

8. TRO conducted a diligent search of all public records in the county where the proposed wells are located and of phone directories, including computer searches.

In my opinion, TRO made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as indicated by the chronology of contact described in Exhibit A 5.

10. TRO 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 TRO and other operators in the vicinity.

11. Notice of this application and the Division hearing was timely provided to the uncommitted interests by certified mail more than 20 days prior to the hearing date. **Exhibit A-6** contains a sample of the notice letters, a list of the parties who were notified of this hearing and the status of whether they received notice.

12. Notice of this application and the Division hearing was published more than ten business days prior to the hearing date. The affidavit of publication is attached as **Exhibit A-7**.

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

14. The attached exhibits were either prepared by me or compiled under my direction and supervision.

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

Taylor Ford

7/19/22

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

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

CASE NO. <u>22878</u>

APPLICATION

Pursuant to NMSA § 70-2-17, Tap Rock Operating, LLC ("TRO") (OGRID No. 372043) applies for an order pooling all uncommitted interests within the Wolfcamp formation underlying a 240-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the W/2W/2 of Section 1 and W/2NW/4 of Section 12, Township 24 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, TRO states:

1. TRO is a working interest owner in the Unit and has the right to drill wells thereon.

2. The Unit will be dedicated to the following proposed initial wells ("Wells") which it intends to drill simultaneously:

• The **Dingo Federal Com #131H** and **Dingo Federal Com #201H** to be horizontally drilled from surface hole locations in the SW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 1.

3. The completed intervals of the Wells will be orthodox.

4. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Wells but has been unable to obtain voluntary agreements from all interest owners.

5. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

6. To allow TRO to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and TRO should be designated the operator of the Wells and Unit.

WHEREFORE, TRO requests this application be set for hearing before an Examiner of the Oil Conservation Division on July 7, 2022, and after notice and hearing, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the initial Wells in the Unit;
- C. Designating TRO as operator of this Unit and the Wells to be drilled thereon;
- D. Authorizing TRO to recover its costs of drilling, equipping and completing the Wells;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% penalty for the risk assumed by TRO in drilling and completing the Wells against any working interest owner who does not voluntarily participate in the drilling of the Wells.

Respectfully submitted,

TAP ROCK OPERATING, LLC

/s/ Michael Rodriguez Michael Rodriguez 523 Park Point Drive Golden, CO 80401 (720) 245-2606 mdrodriguez@taprk.com Attorney for Tap Rock Operating, LLC **Application of Tap Rock Operating, LLC for compulsory pooling, Lea County, New Mexico.** Tap Rock Operating, LLC ("TRO") applies for an order pooling all uncommitted interests within the Wolfcamp formation underlying a 240-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the W/2W/2 of Section 1 and W/2NW/4 of Section 12, Township 24 South, Range 34 East, NMPM, Lea County, New Mexico. The Unit will be dedicated to the following proposed initial wells ("Wells") which it intends to drill simultaneously:

• The Dingo Federal Com #131H and Dingo Federal Com #201H to be horizontally drilled from surface hole locations in the SW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 1.

The completed intervals of the Wells will be orthodox. Also, to be considered will be the cost of drilling and completing the Wells and the allocation of the cost, the designation of Tap Rock Operating, LLC as operator of the Unit and Wells, and a 200% charge for risk involved in drilling and completing the Wells. The Unit is located approximately 16 miles northwest of Jal, New Mexico.

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1625 N. French Dr., Hobbs, NM 88240

811 S. First St., Artesia, NM 88210

Phone: (575) 393-6161 Fax: (575) 393-0720

Phone: (575) 748-1283 Fax: (575) 748-9720

1220 S. St. Francis Dr., Sante Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District I

District II

District III

District IV

Tap Rock Operating, LLC

Case No. 22878

FORM C-102

Page 11 of 38

Exhibit A-2 Revised August 1, 2011

Submit one copy to appropriate

District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number ²Pool Code ³Pool Name ⁵Property Name Well Number ⁴Property Code DINGO FED COM 131H ⁸Operator Name ⁷OGRID No. ⁹Elevation 3435 372043 TAP ROCK OPERATING, LLC. ¹⁰Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 24-S 34 - E1812' NORTH 531' WEST LEA Ε 12 ¹¹Bottom 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 5' 337' D 1 24-S 34-ENORTH WEST LEA ²Dedicated Acres ³Joint or Infill ⁴Consolidation Code ⁵Order No.

State of New Mexico

Energy, Minerals & Natural Resources

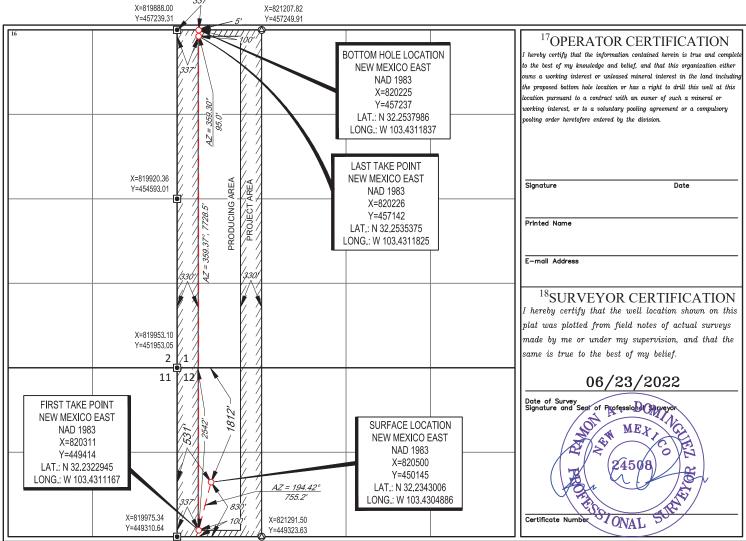
Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

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.



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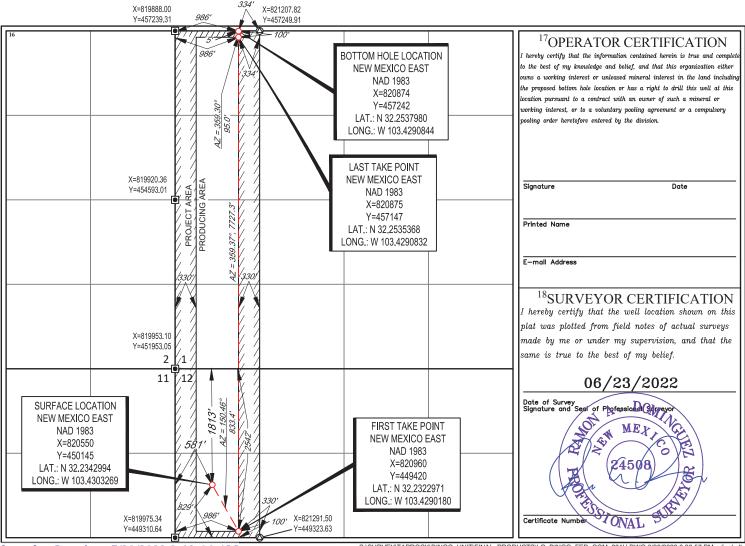
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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District III 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Sante 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 ¹API Number ²Pool Code ³Pool Name ⁵Property Name Well Number ⁴Property Code DINGO FED COM 201H ⁸Operator Name ⁷OGRID No. ⁹Elevation 3435 372043 TAP ROCK OPERATING, LLC. ¹⁰Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 12 24-S 34 - E1813' NORTH 581' WEST LEA Ε ¹¹Bottom 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 5' 986' D 1 24-S 34-ENORTH WEST LEA ²Dedicated Acres ³Joint or Infill ⁴Consolidation Code ⁵Order 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.



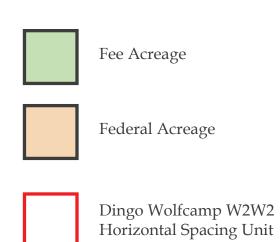
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Township 24 South, Range 34 East, Lea County New Mexico				
Tract 1 Federal Lease NMNM 113417		Section 1		
Tract 2 Fee Leases				
Tract 3 Fee Leases		Section 12		



Tap Rock Operating, LLC Case No. 22878 Exhibit A-3

act #	Legal	Mineral Ownership Type	Lease Number	Owners
	W/2NW/4 and NW/4SW/4 of Section 1, Township 24 South, Range 34 East	Fed	NMNM 113417	Chevron Midcontinent, L.P. The Allar Company
1 2	SW/4SW/4 of Section 1, Township 24 South, Range 34 East	Fee	N/A	BEXP I OG, LLC
3	W/2NW/4 of Section 12, Township 24 South, Range 34 East	Fee	N/A	 BEXP I OG, LLC Franklin Mountain Energy 2, LLC c/o Franklin Mountain Royalty Investments Marathon Oil Permian, LLC Cayuga Royalties LLC COG Operating, LLC ** Malibu Resources, LLC ** Innoventions, Inc ** RRIG Energy, LLC ** Arrington Oil & Gas Royalty Fund, LLC** Prevail Energy, LLC **

- * Final interest subject to division order title verification
 ** Committed Working Interest Owner

Jnit Interest Breakdown*



ntity	Interest Type	Approximate Percentage
Tap Rock Resources II, LLC	Working Interest	18.75123
C 📴 vron Midcontinent L.P.	Uncommitted Working Interest	37.50312%
B R I OG, LLC	Uncommitted Working Interest	24.03372%
T 🧱 Allar Company	Uncommitted Working Interest	12.5010
F <mark>lanklin Mountain Energy, LLC</mark>	Uncommitted Working Interest	1.8373
Narathon Oil Permian, LLC	Uncommitted Working Interest	1.66653%
COG Operating, LLC	Committed Working Interest	1.66653%
Cayuga	Uncommitted Working Interest	0.01582%
Malibu Resources, LLC	Committed Working Interest	0.97214%
Innoventions, Inc.	Committed Working Interest	0.41663%
RRIG Energy, LLC	Committed Working Interest	0.41663%
Arrington Oil & Gas Royalty Fund, LLC	Committed Working Interest	0.20832%
Prevail Energy, LLC	Committed Working Interest	0.01091%

Overriding Royalty Interest

The Allar Company Regen Royalty Corp Allar Development, LLC CrownRock Minerals, LP John Kyle Thomas, Trustee of The Cornerstone Family Trust

- Interests in yellow subject to pooling.
 * Final interest subject to division order title verification

TAP ROCK RESOURCES, LLC TAYLOR FORD – LANDMAN TFORD@TAPRK.COM 523 Park Point Drive, Suite 200 - Golden, Colorado 80401



Tap Rock Operating, LLC Case No. 22878 Exhibit A-4

ARRINGTON OIL & GAS ROYALTY FUND, LLC PO BOX 2071 MIDLAND, TX 79702

Re: Well Proposals for:

- Dingo Federal Com #111H
- Dingo Federal Com #115H
- Dingo Federal Com #121H
- Dingo Federal Com #131H
- Dingo Federal Com #201H

Township 24 South, Range 34 East, Section 1: W/2W/2 and Section 12: W/2NW/4 Lea County, New Mexico

(the "Wells")

March 24, 2022

Via Certified Mail

Dear Working Interest Owner:

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

Well Name	Surface Hole Location (SHL)	Bottom Hole Location (BHL)	Formation	True Vertical Depth	Measured Depth
DINGO FEDERAL COM #111H	W/2NW/4 of Sec. 12	5' FNL and 330' FWL of Sec. 1	1st Bone Spring	10,080'	18,140'
DINGO FEDERAL COM #115H	W/2NW/4 of Sec. 12	5' FNL and 990' FWL of Sec. 1	1st Bone Spring	10,250'	18,310'
DINGO FEDERAL COM #121H	W/2NW/4 of Sec. 12	5' FNL and 660' FWL of Sec. 1	2nd Bone Spring	10,600'	18,660'
DINGO FEDERAL COM #131H	W/2NW/4 of Sec. 12	5' FNL and 330' FWL of Sec. 1	Wolfcamp A	11,850'	19,910'
DINGO FEDERAL COM #201H	W/2NW/4 of Sec. 12	5' FNL and 990' FWL of Sec. 1	Wolfcamp A	11,850'	19,910'

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 Wells, please execute the enclosed AFEs and return to me within 30 days. TRO is proposing to drill these wells under the terms of the enclosed AAPL Form 610-1989 Operating Agreement. This Operating Agreement covers W/2W/2 of Section 1 and W/2NW/4 of Section 12, Township 24 South, Range 34 East,

TAP ROCK RESOURCES, LLC TAYLOR FORD – LANDMAN TFORD@TAPRK.COM 523 PARK POINT DRIVE, SUITE 200 - GOLDEN, COLORADO 80401



Lea County, New Mexico, Lea County, New Mexico.

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

- · 3 year primary term, Term Assignment or Lease
- · Royalty equal to the difference between existing burdens and 20%
- · \$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 Wells. If an agreement cannot be reached within 30 days of your receipt 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 Wells to allow TRO to move forward with planning and drilling the Wells.

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

Sincerely,

TAP ROCK OPERATING, LLC

Jaywa to

Taylor Ford 720.459.3726 806.445.7213 tford@taprk.com

ARRINGTON OIL & GAS ROYALTY FUND, LLC hereby elects to:

participate in the DINGO FEDERAL COM #111H
 non-consent the DINGO FEDERAL COM #111H
 participate in the DINGO FEDERAL COM #115H
 non-consent the DINGO FEDERAL COM #115H
 participate in the DINGO FEDERAL COM #121H
 non-consent the DINGO FEDERAL COM #121H
 participate in the DINGO FEDERAL COM #131H
 participate in the DINGO FEDERAL COM #131H
 participate in the DINGO FEDERAL COM #131H
 non-consent the DINGO FEDERAL COM #131H
 participate in the DINGO FEDERAL COM #201H
 participate in the DINGO FEDERAL COM #201H
 By:

Name:

TAP ROCK RESOURCES, LLC

Taylor Ford – Landman tford@taprk.com



Title: ______
Date: _____

523 Park Point Dr, Golden, Colorado 80401 Authorization For Expenditure

Dingo Fed Com #111H Name: AFE #: County: State: 0 Lea NM

Well Description:

Date: January 12, 2022 MD/TVD: 18140 / 10080 Lateral Length: 7610 Geologic Target: 1st Bone Spring

Drill, complete, and produce a horizontal 1st Bone Spring well with a 7610 foot lateral.

	INTANGIBLE DRILLING COSTS	
COST CODES	DESCRIPTION	AMOUNT
1 1	Land - Legal	10,000
1 2	Land - Regulatory	10,000
1 3	Land - Surface Damages	10,000
1 4	Land - Survey	10,000
1 5	Location/Pit Construction	59,000
1 6	Remedial Dirtwork	0
1 7	Reserve/Frac Pit Closing	0
1 8	Drilling - Contractor	655,184
1 9	Mob/Rig Up - Contractor/Trucking	50,000
1 10	Cementing Services	141,000
1 11	Cementing Equipment	30,000
1 12	Bits/Drill Out Assemblies	63,500
1 13	Fluid Circulation Equipment/Services	88,074
1 14	Fluids/Chemicals	104,738
1 15	WBM Cuttings/Wastewater Disposal	47,385
1 16	OBM Cuttings/Chemical Disposal	0
1 17	Fuel/Power	62,880
1 18	Water	38,165
1 19	Directional Drilling	308,237
1 20	Mud Logging	18,654
1 21	Open/Cased/Production Hole Logs	0
1 22	Coring	0
1 23	Geologic Supervision	0
1 24	Engineering Supervision	0
1 25	Consultant Supervision	148,824
1 26	Freight/Transportation	9.000
1 27	Labor	98,500
1 28	Supplies - Surface	2,500
1 29	Supplies - Surface	1,000
1 30 1 31	Rentals - Surface	83,446
	Rentals - Living Quarters	50,853
-	Rentals - Downhole	2,000
1 33	Rentals - Pipe & Handling Tools	73,360
1 34	Rentals - Frac Stack	
1 35	Rentals - Frac Tanks	9,247
1 36	Coil Tubing Unit/Workover Rig	
1 37	Wireline/Slickline/Perforating	
1 38	Temporary Packers/Plugs	
1 39	High Pressure Pump Truck	
1 40	Stimulation	
1 41	Rentals - Pressure Control	
1 42	Flowback Services	
1 43	Water Transfer Services	
1 44	Flowback Water Trucking & Disposal	
1 45	Permanent Equipment Installation	
1 46	Pipeline Tapping Services	
1 47	Plugging & Abandonment	0
1 53	Overhead	0
1 54	Insurance	20,000
1 55	Contingency	66,166

cos	T CODES	INTANGIBLE COMPLETION COSTS DESCRIPTION	AMOUNT
2	1	Land - Legal	
2	2	Land - Regulatory	
2	3	Land - Surface Damages	
2	4	Land - Survey	
2	5	Location/Pit Construction	
2	6	Remedial Dirtwork	
2	7	Reserve/Frac Pit Closing	
2	8	Drilling - Contractor	
2	9	Mob/Rig Up - Contractor/Trucking	
2	10	Cementing Services	
2	11	Cementing Equipment	
2	12	Bits/Drill Out Assemblies	35,440
2	12	Fluid Circulation Equipment/Services	33,440
2	13	Fluids/Chemicals	25,313
2	14		25,515
_		WBM Cuttings/Wastewater Disposal	
2	16	OBM Cuttings/Chemical Disposal	225 600
2	17	Fuel/Power	225,600
2	18	Water	232,603
2	19	Directional Drilling	
2	20	Mud Logging	
2	21	Open/Cased/Production Hole Logs	8,440
2	22	Coring	
2	23	Geologic Supervision	
2	24	Engineering Supervision	
2	25	Consultant Supervision	66,000
2	26	Freight/Transportation	2,000
2	27	Labor	11,720
2	28	Supplies - Surface	2,000
2	29	Supplies - Living Quarters	2,000
2	30	Rentals - Surface	16,560
2	31	Rentals - Living Quarters	12,320
2	32	Rentals - Downhole	0
2	33	Rentals - Pipe & Handling Tools	0
2	34	Rentals - Frac Stack	81,894
2	35	Rentals - Frac Tanks	28,730
2	36	Coil Tubing Unit/Workover Rig	68,190
2	37	Wireline/Slickline/Perforating	179,298
2	38	Temporary Packers/Plugs	31,200
2	39	High Pressure Pump Truck	46,640
2	40	Stimulation	1,918,676
2	40	Rentals - Pressure Control	1,916,070
2	42	Flowback Services	41,231
2	42		
	43	Water Transfer Services	63,600
2		Flowback Water Trucking & Disposal	10,649
2	45	Permanent Equipment Installation	
2	46	Pipeline Tapping Services	
2	47	Plugging & Abandonment	
2	53	Overhead	13,715
2	54	Insurance	
2	55	Contingency	108,224

COST CO		AMOUNT
3 1	Land - Legal	
3 2	Land - Regulatory	
3 3	Land - Surface Damages	
3 4	Land - Survey	
3 5		5,00
3 6	Remedial Dirtwork	
3 7		
3 8	0	
3 9	Mob/Rig Up - Contractor/Trucking	
3 1		
3 1	Cementing Equipment	
3 1		
3 1	Fluid Circulation Equipment/Services	
3 1	Fluids/Chemicals	
3 1	WBM Cuttings/Wastewater Disposal	
3 1	OBM Cuttings/Chemical Disposal	
3 1	Fuel/Power	
3 1	Water	
3 1	Directional Drilling	
3 2	Mud Logging	
3 2	Open/Cased/Production Hole Logs	
3 2	Coring	
3 2	Geologic Supervision	
3 2	Engineering Supervision	
3 2	Consultant Supervision	18,50
3 2	Freight/Transportation	15,00
3 2	Labor	28,00
3 2	Supplies - Surface	
3 2	Supplies - Living Quarters	
3 3		9,80
3 3	Rentals - Living Quarters	
3 3	Rentals - Downhole	
3 3		
3 3	Rentals - Frac Stack	12,95
3 3	Rentals - Frac Tanks	15,00
3 3	Coil Tubing Unit/Workover Rig	34,50
3 3	Wireline/Slickline/Perforating	5,50
3 3	Temporary Packers/Plugs	
3 3	High Pressure Pump Truck	
3 4	Stimulation	
3 4	Rentals - Pressure Control	
3 4	Flowback Services	43,60
3 4	Water Transfer Services	
3 4	Flowback Water Trucking & Disposal	65,96
3 4		
3 4		
3 4		
3 5		
3 5		
-		11,27
3 5	TOTAL INTANGIBLE PRODUCTION COSTS:	1 \$265,0

TOTAL INTANGIBLE DRILLING COSTS: \$2,271,713 TANGIBLE DRILLING COSTS

		TANGIBLE DRILLING COSTS				TANGIBLE COMPLETION COSTS				TANGIBLE PRODUCTION COSTS
COST	CODES	DESCRIPTION	AMOUNT	co	ST CODES	DESCRIPTION	AMOUNT	cos	T CODES	DESCRIPTION
4	60	Conductor Casing	18,000	5	60	Conductor Casing		6	60	Conductor Casing
4	61	Surface Casing	56,375	5	61	Surface Casing		6	61	Surface Casing
4	62	1st Intermediate Casing	160,800	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	362,800	5	64	Production Casing	0	6	64	Production Casing
4	65	Tubing		5	65	Tubing		6	65	Tubing
4	66	Wellhead	78,000	5	66	Wellhead	0	6	66	Wellhead
4	67	Permanent Packers/Hangers/Plugs		5	67	Permanent Packers/Hangers/Plugs		6	67	Permanent Packers/Hangers/Plugs
4	68	Tanks		5	68	Tanks		6	68	Tanks
4	69	Production Vessels		5	69	Production Vessels		6	69	Production Vessels
4	70	Compressors		5	70	Compressors		6	70	Compressors
4	71	Surface Flowlines		5	71	Surface Flowlines		6	71	Surface Flowlines
4	72	Gathering Lines		5	72	Gathering Lines		6	72	Gathering Lines
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
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
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
		TOTAL TANGIBLE DRILLING COSTS:	\$690,975			TOTAL TANGIBLE COMPLETION COSTS:	\$0			TOTAL TANGIBLE PRODUCTION COSTS:
		TOTAL DRILLING COSTS:	\$2,962,688			TOTAL COMPLETION COSTS:	\$3,232,043			TOTAL PRODUCTION COSTS:

95,400

We	ellhead	62,100
Per	rmanent Packers/Hangers/Plugs	0
Tar	nks	
Pro	oduction Vessels	190,000
Со	mpressors	
Sur	rface Flowlines	50,000
Ga	thering Lines	0
Val	lves & Controllers	0
Art	tificial Lift Equipment	28,500
Ins	trumentation & Measurement	
Ele	ctrical Grounding/Safety Equipment	
Per	rmanent Equipment Installation	3,500
Otł	her - Surface	
Otł	her - Downhole	

TION COSTS: \$429,500 TOTAL PRODUCTION COSTS: \$694,588

TOTAL WELL COST: \$6,889,319

TAP ROCK RESOURCES COMPANY APPROVAL:	NON OPERATING PARTNEF	APPROVAL:
CEO VP - EXPLORATION	COMPANY NAME:	
CEO VP - OPERATIONS	SIGNED BY: TIT	.E:
D & LEGAL SENIOR GEOLOGIST	WORKING INTEREST (%): DA	re:
	TAX ID: APPROV	AL:

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

VP - LAN

523 Park Point Dr, Golden, Colorado 80401 Authorization For Expenditure

INTANGIBLE COMPLETION COSTS

Dingo Fed Com #115H Name: AFE #: County: State: 0 Lea NM

Well Description:

Date: January 12, 2022 MD/TVD: 18310 / 10250 Lateral Length: 7610 Geologic Target: 1st Bone Spring

Drill, complete, and produce a horizontal 1st Bone Spring well with a 7610 foot lateral.

		INTANGIBLE DRILLING COSTS	
1	T CODES		AMOUNT
-	1	Land - Legal	10,000
1	2	Land - Regulatory	10,000
1	3	Land - Surface Damages	10,000
1	4	Land - Survey	10,000
1	5	Location/Pit Construction	59,000
1	6	Remedial Dirtwork	0
1	7	Reserve/Frac Pit Closing	0
1	8	Drilling - Contractor	653,475
1	9	Mob/Rig Up - Contractor/Trucking	50,000
1	10	Cementing Services	141,000
1	11	Cementing Equipment	30,000
1	12	Bits/Drill Out Assemblies	63,500
1	13	Fluid Circulation Equipment/Services	87,865
1	14	Fluids/Chemicals	104,662
1	15	WBM Cuttings/Wastewater Disposal	48,150
1	16	OBM Cuttings/Chemical Disposal	0
1	17	Fuel/Power	62,698
1	18	Water	38,147
1	19	Directional Drilling	307,345
1	20	Mud Logging	18,654
1	21	Open/Cased/Production Hole Logs	0
1	22	Coring	0
1	23	Geologic Supervision	0
1	24	Engineering Supervision	0
1	25	Consultant Supervision	148,432
1	26	Freight/Transportation	9,000
1	27	Labor	98,500
1	28	Supplies - Surface	2,500
1	29	Supplies - Living Quarters	1,000
1	30	Rentals - Surface	83,220
1	31	Rentals - Living Quarters	50,728
1	32	Rentals - Downhole	2,000
1	33	Rentals - Pipe & Handling Tools	73,148
1	34	Rentals - Frac Stack	
1	35	Rentals - Frac Tanks	9,220
1	36	Coil Tubing Unit/Workover Rig	5,220
1	37	Wireline/Slickline/Perforating	
1	38	Temporary Packers/Plugs	
1	39	High Pressure Pump Truck	
1	40	Stimulation	
1	40	Rentals - Pressure Control	
1	41	Flowback Services	
1	42	Water Transfer Services	
1	44	Flowback Water Trucking & Disposal	
1	45	Permanent Equipment Installation	
1	46	Pipeline Tapping Services	-
1	47	Plugging & Abandonment	0
1	53	Overhead	0
1	54	Insurance	20,000
1	55	Contingency	66,067

cos	T CODES	DESCRIPTION	AMOUNT
2	1	Land - Legal	Amount
2	2	Land - Regulatory	
2	3	Land - Surface Damages	
2	4	Land - Survey	
2	5	Location/Pit Construction	
2	6	Remedial Dirtwork	
2	7	Reserve/Frac Pit Closing	
2	8	Drilling - Contractor	
2	9	Mob/Rig Up - Contractor/Trucking	
2	10	Cementing Services	
2	10	Cementing Equipment	
2	11		35.440
2	12	Bits/Drill Out Assemblies Fluid Circulation Equipment/Services	35,440
2	13	Fluids/Chemicals	25.242
_	14		25,313
2		WBM Cuttings/Wastewater Disposal	
2	16 17	OBM Cuttings/Chemical Disposal	225 600
-		Fuel/Power	225,600
2	18	Water	232,603
2	19	Directional Drilling	
2	20	Mud Logging	
2	21	Open/Cased/Production Hole Logs	8,440
2	22	Coring	
2	23	Geologic Supervision	
2	24	Engineering Supervision	
2	25	Consultant Supervision	66,000
2	26	Freight/Transportation	2,000
2	27	Labor	11,720
2	28	Supplies - Surface	2,000
2	29	Supplies - Living Quarters	2,000
2	30	Rentals - Surface	16,560
2	31	Rentals - Living Quarters	12,320
2	32	Rentals - Downhole	0
2	33	Rentals - Pipe & Handling Tools	0
2	34	Rentals - Frac Stack	81,894
2	35	Rentals - Frac Tanks	28,730
2	36	Coil Tubing Unit/Workover Rig	68,190
2	37	Wireline/Slickline/Perforating	179,298
2	38	Temporary Packers/Plugs	31,200
2	39	High Pressure Pump Truck	46,640
2	40	Stimulation	1,918,676
2	41	Rentals - Pressure Control	
2	42	Flowback Services	41,231
2	43	Water Transfer Services	63,600
2	44	Flowback Water Trucking & Disposal	10,649
2	45	Permanent Equipment Installation	20,045
2	46	Pipeline Tapping Services	
2	40	Plugging & Abandonment	
2	53	Overhead	13,715
2	54	Insurance	15,715
	54		108,224
2		Contingency	

os	T CODES		AMOUNT
3	1	Land - Legal	
3	2	Land - Regulatory	
3	3	Land - Surface Damages	
3	4	Land - Survey	
3	5	Location/Pit Construction	5,000
3	6	Remedial Dirtwork	
3	7	Reserve/Frac Pit Closing	
3	8	Drilling - Contractor	
3	9	Mob/Rig Up - Contractor/Trucking	
3	10	Cementing Services	
3	11	Cementing Equipment	
3	12	Bits/Drill Out Assemblies	
3	13	Fluid Circulation Equipment/Services	
3	14	Fluids/Chemicals	
3	15	WBM Cuttings/Wastewater Disposal	
3	15	OBM Cuttings/Wastewater Disposal	
3			
-	17	Fuel/Power	
3	18	Water	
3	19	Directional Drilling	
3	20	Mud Logging	
3	21	Open/Cased/Production Hole Logs	
3	22	Coring	
3	23	Geologic Supervision	
3	24	Engineering Supervision	
3	25	Consultant Supervision	18,50
3	26	Freight/Transportation	15,00
3	27	Labor	28,00
3	28	Supplies - Surface	
3	29	Supplies - Living Quarters	
3	30	Rentals - Surface	9,80
3	31	Rentals - Living Quarters	
3	32	Rentals - Downhole	
3	33	Rentals - Pipe & Handling Tools	
3	34	Rentals - Frac Stack	12,95
3	35	Rentals - Frac Tanks	15,00
3	36	Coil Tubing Unit/Workover Rig	34,50
3	37	Wireline/Slickline/Perforating	5,50
3	38	Temporary Packers/Plugs	5,50
3	39	High Pressure Pump Truck	
3	40	Stimulation	
3	40	Rentals - Pressure Control	
3	41	Flowback Services	42.00
-		1	43,60
3	43	Water Transfer Services	
3	44	Flowback Water Trucking & Disposal	65,96
3	45	Permanent Equipment Installation	
3	46	Pipeline Tapping Services	
3	47	Plugging & Abandonment	
3	53	Overhead	
3	54	Insurance	
3	55	Contingency	11,27

TOTAL INTANGIBLE DRILLING COSTS: \$2,268,313

		TANGIBLE DRILLING COSTS				TANGIBLE COMPLETION COSTS				TANGIBLE PRODUCTION COSTS
COST	CODES	DESCRIPTION	AMOUNT	COS	T CODES	DESCRIPTION	AMOUNT	COS	T CODES	DESCRIPTION
4	60	Conductor Casing	18,000	5	60	Conductor Casing		6	60	Conductor Casing
4	61	Surface Casing	56,375	5	61	Surface Casing		6	61	Surface Casing
4	62	1st Intermediate Casing	160,800	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	366,200	5	64	Production Casing	0	6	64	Production Casing
4	65	Tubing		5	65	Tubing		6	65	Tubing
4	66	Wellhead	78,000	5	66	Wellhead	0	6	66	Wellhead
4	67	Permanent Packers/Hangers/Plugs		5	67	Permanent Packers/Hangers/Plugs		6	67	Permanent Packers/Hangers/Plugs
4	68	Tanks		5	68	Tanks		6	68	Tanks
4	69	Production Vessels		5	69	Production Vessels		6	69	Production Vessels
4	70	Compressors		5	70	Compressors		6	70	Compressors
4	71	Surface Flowlines		5	71	Surface Flowlines		6	71	Surface Flowlines
4	72	Gathering Lines		5	72	Gathering Lines		6	72	Gathering Lines
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
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
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
		TOTAL TANGIBLE DRILLING COSTS:	\$694,375			TOTAL TANGIBLE COMPLETION COSTS:	\$0			TOTAL TANGIBLE PRODUCTION COSTS:
		TOTAL DRILLING COSTS:	\$2,962,688			TOTAL COMPLETION COSTS:	\$3,232,043			TOTAL PRODUCTION COSTS:

AMOUNT

	Conductor Casing	60	6
	Surface Casing	61	6
	1st Intermediate Casing	62	6
	2nd Intermediate Casing	63	6
	Production Casing	64	6
95,400	Tubing	65	6
62,100	Wellhead	66	6
(Permanent Packers/Hangers/Plugs	67	6
	Tanks	68	6
190,000	Production Vessels	69	6
	Compressors	70	6
50,000	Surface Flowlines	71	6
(Gathering Lines	72	6
(Valves & Controllers	73	6
28,500	Artificial Lift Equipment	74	6
	Instrumentation & Measurement	75	6
	Electrical Grounding/Safety Equipment	76	6
3,500	Permanent Equipment Installation	77	6
	Other - Surface	80	6
	Other - Downhole	81	6

TOTAL PRODUCTION COSTS: \$694,588

TOTAL WELL COST: \$6,889,319

TAP ROCK RESOURCES COMPANY APPROVAL:	NON OPERATING PARTNER APPROVAL	L:
CEO VP - EXPLORATION	COMPANY NAME:	
CFO VP - OPERATIONS	SIGNED BY: TITLE:	
VP - LAND & LEGAL SENIOR GEOLOGIST	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.

523 Park Point Dr, Golden, Colorado 80401 Authorization For Expenditure

Dingo Fed Com #121H Name: AFE #: County: State: 0 Lea NM

Well Description:

Date: January 12, 2022 MD/TVD: 18660 / 10600 Lateral Length: 7610 Geologic Target: 2nd Bone Spring

Drill, complete, and produce a horizontal 2nd Bone Spring well with a 7610 foot lateral.

1 2 Land - Regulatory 10,000 1 3 Land - Survey 10,000 1 4 Land - Survey 10,000 1 6 Remedial Dirtwork 0 1 6 Reserve/Frac Pt Closing 0 1 7 Reserve/Frac Pt Closing 0 1 8 Drilling - Contractor 674,589 1 10 Cementing Services 141,000 1 11 Cementing Equipment 30,000 1 12 Bits/Orli Out Assemblies 663,500 1 13 Fluid Circulation Equipment/Services 90,444 1 14 Fluid/Chemical 1055,989 1 15 WBM Cuttings/Chemical Disposal 0 1 17 Fuel/Power 66,4946 1 18 Water 33,861 1 20 Open/Cased/Production Hole Logs 0 1 22 Coring 0 23 Geologic Super	INTANGIBLE DRILLING COSTS						
1 2 Land - Regulatory 10,000 1 3 Land - Survey 10,000 1 4 Land - Survey 10,000 1 5 Location/PRI Construction 59,000 1 6 Remedial Dirtwork 0 1 7 Reserve/Frac Pt Closing 0 1 7 Reserve/Frac Pt Closing 0 1 0 Molyligy Up - Contractor /Trucking 50,000 1 10 Cementing Services 141,000 1 11 Cementing Services 144,000 1 12 Bits/Drill Out Assemblies 63,500 1 13 Fluid Circulation Equipment/Services 90,448 1 14 Fluids/Chernical 105,598 1 15 WBM Cuttings/Chernical Disposal 0 1 17 Fuel/Power 64,946 1 18 Water 38,361 1 12 Open/Cased/Productin Hole Logs 0 <td< th=""><th>CO3</th><th>T CODES</th><th>DESCRIPTION</th><th>AMOUNT</th></td<>	CO3	T CODES	DESCRIPTION	AMOUNT			
1 3 Land - Survey 10,000 1 4 Land - Survey 10,000 1 5 Location/Pit Construction 59,000 1 6 Remedial Ditwork 0 1 7 Reserve/Frac Pit Closing 0 1 7 Reserve/Frac Pit Closing 0 1 8 Drilling - Contractor/Trucking 50,000 1 10 Cementing Equipment 30,000 1 11 Cementing Equipment 30,000 1 13 Fluid Cruclation Equipment/Services 90,448 1 14 Fluids/Chemical Disposal 40,725 1 15 WBM Cuttings/Chemical Disposal 40,725 1 15 Water 33,367 1 19 Directional Drilling 313,814 1 12 Open/Cased/Production Hole Logs 0 1 22 Coring 0 0 1 23 Geologic Supervision 0 0 <td>1</td> <td>1</td> <td>Land - Legal</td> <td>10,000</td>	1	1	Land - Legal	10,000			
1 4 Land - Survey 10,000 1 5 Location/PR Construction 59,000 1 6 Remedial Dirtwork 0 1 7 Reserve/Frac Pt Closing 0 1 8 Drilling - Contractor 674,589 1 1 Cementing Services 141,000 1 10 Cementing Services 94,400 1 11 Cementing Services 94,440 1 11 Services 94,440 1 12 Bits/Drill Out Assemblies 63,500 1 13 Fluid Circulation Equipment/Services 94,44 1 14 Fluid/Chemical 1005,588 1 15 WBM Cuttings/Chemical Disposal 07 1 14 Fluid/Chemical 03,33,861 1 19 Directional Drilling 313,861 1 22 Coring 0 1 23 Geologic Supervision 0 122	1	2		10,000			
1 5 Location/Pit Construction 59,000 1 6 Remedial Dirtwork 0 1 7 Reserve/Frac Ptt Closing 0 1 7 Reserve/Frac Ptt Closing 0 1 8 Driling - Contractor 674,589 1 10 Cementing Equipment 30,000 1 11 Cementing Equipment/Services 90,448 1 12 Bits/Drill Out Assemblies 63,500 1 15 WBM Outtings/Mastewater Disposal 49,725 1 16 OBM Cuttings/Chemical Disposal 40,497 1 17 Fuel/Power 64,946 1 19 Directional Drilling 318,861 1 120 Mod Logging 18,854 1 120 Mud Logging 0 1 210 Open(Cased/Production Hole Logs 0 1 22 Coring 0 0 1 23 Geologic Supervision 0 0 <td>1</td> <td>3</td> <td>Land - Surface Damages</td> <td>10,000</td>	1	3	Land - Surface Damages	10,000			
1 6 Remedial Dittwork 0 1 7 Reserve/Frac Pt (Cosing 0 1 8 Drilling - Contractor 674,589 1 9 Moly/Rig Up - Contractor/Trucking 50,000 1 10 Cementing Equipment 30,000 1 11 Cementing Equipment 30,000 1 12 Bits/Drill Out Assembiles 63,500 1 13 Fluids/Chemicals 105,598 1 15 WBM Cutting;/Vastewater Disposal 49,725 1 15 Diff. Utting;/Vastewater Disposal 49,725 1 18 Water 38,361 1 19 Directional Drilling 318,361 1 120 Mud Logging 18,654 1 22 Coring 0 0 1 23 Geologic Supervision 0 0 1 24 Engith/Tansportation 30,000 1 25 Consultant Supervision 153,27	1	4		10,000			
1 7 Reserve/Frac Pit Closing 0 1 8 Drilling - Contractor 674,589 9 Mok/Rig Up - Contractor/Trucking 50,000 1 0 Cementing Services 141,000 1 11 Cementing Services 141,000 1 11 Cementing Equipment 30,000 1 12 Bits/Drill Out Assemblies 66,500 1 13 Fluid Circulation Equipment/Services 90,448 1 14 Fluids/Chemical Disposal 0,000 1 15 WBM Cuttings/Chemical Disposal 0 10,7588 1 16 OBM Cuttings/Chemical Disposal 0 117 Fuel/Power 66,496 1 18 Water 33,861 122 Open/Cased/Production Hole Logs 0 1 20 Mud Logging 18,654 122 Open/Cased/Production Hole Logs 0 1 21 Open/Cased/Production Hole Logs 0 1 24 Engineering Supervision <td>1</td> <td>5</td> <td>Location/Pit Construction</td> <td>59,000</td>	1	5	Location/Pit Construction	59,000			
1 8 Drilling - Contractor 674,589 1 9 Mob/Rig Up - Contractor/Trucking 50,000 1 10 Cementing Equipment 30,000 1 11 Cementing Equipment 30,000 1 11 Cementing Equipment/Services 90,448 1 11 Fluids/Chemicals 105,598 1 15 WBM Cuttings/Vastewater Disposal 49,725 1 16 OBM Cuttings/Chemical Disposal 0 1 17 Fuel/Power 64,946 1 18 Water 33,861 1 18 Water 33,871 1 19 Directional Drilling 318,861 1 21 Open/Cased/Production Hole Logs 0 1 22 Coring 0 0 1 23 Geologic Supervision 0 0 1 24 Engint/Transportation 9,000 1 1 25 Consultant Supervision	1	6	Remedial Dirtwork	0			
1 9 Mob/Rig Up - Contractor/Trucking \$0,000 1 0 Cementing Services 141,000 1 11 Cementing Services 141,000 1 12 Bits/Drill Out Assemblies 63,000 1 13 Fluid Circulation Equipment/Services 90,448 1 14 Fluids/Chemical 10,598 1 15 WBM Cuttings/Vastewater Disposal 47,723 1 16 08M Cuttings/Vastewater Disposal 0 1 17 Fuel/Power 64,946 1 18 Water 33,8,361 1 20 Mud Logging 18,854 1 21 Open/Cased/Production Hole Logs 0 1 22 Coring 0 0 1 23 Geologic Supervision 0 1 24 Engineering Supervision 153,279 1 26 27 Labor 98,500 1 23 28 Supplies - Surface	1	7	Reserve/Frac Pit Closing	0			
1 10 Cementing Services 141,000 1 11 Cementing Equipment 30,000 1 12 Bits/Orli Out Assemblies 63,500 1 13 Fluid Circulation Equipment/Services 90,448 1 14 Fluids/Chemicals 105,598 1 15 WBM Cuttings/Avastewater Disposal 49,725 1 16 OBM Cuttings/Chemical Disposal 0 1 7 Fuel/Power 64,946 1 18 Water 38,367 1 19 Directional Drilling 318,361 1 20 Mud Logging 138,654 1 21 Open/Cased/Production Hole Logs 0 1 22 Coring 0 0 1 23 Geologic Supervision 153,279 1 26 Freight/Transportation 90,000 1 27 Labor 98,500 1 30 Rentals - Surface 2,000	1	8	Drilling - Contractor	674,589			
1 11 Cementing Equipment 30,000 1 12 Bits/Drill Out Assemblies 63,500 1 13 Fluid/Cruclation Equipment/Services 90,448 1 14 Fluid/Chemicals 105,598 1 15 WBM Cuttings/Chemical Disposal 49,725 1 16 OBM Cuttings/Chemical Disposal 49,725 1 10 Directional Drilling 313,8161 1 19 Directional Drilling 313,8161 1 20 Mud Logging 106,800 1 21 Open/Cased/Production Hole Logs 00 1 22 Coring 0 0 1 23 Geologic Supervision 0 0 1 24 Engint/Trasportation 3,000 0 1 25 Consultant Supervision 10,000 1 26 Supplies- Surface 2,500 1,000 1 28 Supplies- Surface 8,609 30	1	9	Mob/Rig Up - Contractor/Trucking	50,000			
1 12 Bits/Drill Out Assemblies 63,500 1 13 Fluid Circulation Equipment/Services 90,448 1 14 Fluid/Chemicals 100,598 1 15 WBM Cuttings/Wastewater Disposal 49,725 1 16 OBM Cuttings/Chemical Disposal 0 1 17 Fuel/Power 64,946 1 19 Directional Drilling 313,8361 1 20 Mud Logging 18,854 1 21 Open/Cased/Production Hole Logs 0 1 22 Coring 0 1 23 Geologic Supervision 0 1 24 Engineering Supervision 0 1 27 Labor 98,500 1 28 Supplies - Surface 2,500 1 29 Supplies - Surface 2,500 1 30 Rentals - Surface 86,009 1 31 Rentals - Surface 86,009 33	1	10	Cementing Services	141,000			
1 13 Fluid Circulation Equipment/Services 90,448 1 14 Fluids/Chemicals 105,598 1 15 WBM Cuttings/Wastewater Disposal 49,725 1 16 OBM Cuttings/Chemical Disposal 0 1 17 Fuel/Power 64,946 1 18 Water 38,367 1 19 Directional Drilling 313,861 1 20 Mud Logging 18,654 1 20 Mud Logging 0 1 22 Coring 0 1 23 Geologic Supervision 0 1 24 Engineering Supervision 0,000 1 25 Consultant Supervision 9,000 1 26 Freight/Transportation 9,000 1 27 Labor 98,500 1 30 Rentals - Surface 2,500 1 33 Rentals - Living Quarters 1,000 33 Rentals - Surfa	1	11	Cementing Equipment	30,000			
1 14 Fluids/Chemicals 105:598 1 15 WBM Cuttings/Vastewater Disposal 49:725 1 16 OBM Cuttings/Vastewater Disposal 0 1 17 Fuel/Power 64:946 1 18 Water 38:367 1 19 Directional Drilling 31:8:361 1 20 Mud Logging 18:854 1 21 Open/Cased/Production Hole Logs 0 1 22 Coring 0 1 23 Geologic Supervision 0 1 24 Engintering Supervision 0 1 25 Consultant Supervision 30:00 1 26 Freight/Transportation 3:000 1 27 Labor 98:500 1 30 Rentals - Surface 86:09 1 31 Rentals - Surface 10:000 1 32 Rentals - Surface 10:000 1 33 Ren	1	12	Bits/Drill Out Assemblies	63,500			
1 15 WBM Cuttings/Wastewater Disposal 49,725 1 16 OBM Cuttings/Chemical Disposal 0 1 17 Fuel/Power 66,946 1 17 Fuel/Power 66,946 1 18 Water 33,861 1 19 Directional Drilling 318,361 1 20 Mud Logging 136,564 2.1 Open/Cased/Production Hole Logs 0 2.2 Coring 0 1 2.3 Geologic Supervision 0 1 2.3 Geologic Supervision 0 1 2.5 Consultant Supervision 153,279 1 2.6 Freight/Transportation 9,000 1 2.7 Labor 98,500 1 3.0 Rentals - Surface 2.000 3.0 Rentals - Surface 2.000 2.000 3.0 Rentals - Surface 2.000 2.000 3.1 Rentals - Frac Stack 2.000	1	13	Fluid Circulation Equipment/Services	90,448			
1 16 OBM Cuttings/Chemical Disposal 0 1 17 Fuel/Power 66,964 1 18 Water 63,867 1 19 Directional Drilling 318,361 1 20 Mud Logging 18,654 1 21 Open/Cased/Production Hole Logs 0 1 22 Coring 0 1 23 Geologic Supervision 0 1 24 Engineering Supervision 0 1 25 Consultant Supervision 10,000 1 25 Consultant Supervision 9,000 1 25 Consultant Supervision 9,000 1 26 Freight/Transportation 9,000 1 30 Rentals - Surface 86,009 1 31 Rentals - Frac Stack 0,000 1 32 Rentals - Frac Stack 0,000 1 33 Rentals - Frac Stack 0,000 1 33	1	14	Fluids/Chemicals	105,598			
1 16 OBM Cuttings/Chemical Disposal 0 1 17 Fuel/Power 664,964 1 18 Water 38,367 1 19 Directional Drilling 318,361 1 20 Mud Logging 18,654 1 20 Mud Logging 18,654 1 20 Mud Logging 18,654 1 22 Coring 0 1 22 Coring 0 1 23 Geologic Supervision 0 1 24 Engineering Supervision 16,000 1 25 Consultant Supervision 9,000 1 26 Freight/Transportation 9,000 1 27 Labor 98,500 1 28 Supplies - Surface 2,500 1 30 Rentals - Surface 86,009 1 31 Rentals - Downhole 2,000 1 32 Rentals - Surface 8,051 <	1	15	WBM Cuttings/Wastewater Disposal	49,725			
1 17 Fuel/Power 69.94 1 18 Water 38.367 1 19 Directional Drilling 318.361 1 20 Mud Logging 38.367 1 21 Open/Cased/Production Hole Logs 0 1 22 Coring 0 1 23 Geologic Supervision 0 1 24 Engineering Supervision 0 1 25 Consultant Supervision 153.279 1 26 Freight/Transportation 9.000 1 27 Labor 98.500 1 28 Supplies - Surface 2.500 1 30 Rentals - Surface 8.609 1 31 Rentals - Frace 3.000 1 32 Rentals - Frace 2.000 1 33 Rentals - Pipe & Handling Tools 75.770 1 34 Rentals - Pipe & Handling Tools 75.701 1 35 Rental	1	16		0			
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1 28 Supplies - Surface 2,500 1 29 Supplies - Living Quarters 1,000 30 Rentals - Surface 88,009 31 Rentals - Surface 88,009 32 Rentals - Living Quarters 52,270 33 Rentals - Pipe & Handling Tools 75,770 34 Rentals - Frac Stack 2 35 Rentals - Frac Stack 2 36 Coil Tubing Unit/Workover Rig 2 37 Wireline/Sickline/Perforating 3 38 Temporary Packers/Plugs 4 40 Stimulation 4 41 Howback Services 4 42 Flowback Water Trucking & Disposal 4 43 Water Transfer Services 4 44 Flowback Water Trucking & Disposal 4 44 Flowback & Abandonment 0 45 Permanent Equipment Installation 4 46 Pipeline Tapping Services 2 47 Plugging & Abandonment 0							
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1 36 Coil Tubing Unit/Workover Rig 1 37 Wireline/Sickline/Perforting 1 38 Temporary Packers/Plugs 1 39 High Pressure Pump Truck 1 40 Stimulation 1 41 Rentals - Pressure Control 1 42 Flowback Services 1 43 Water Transfer Services 1 44 Flowback Water Trucking & Disposal 1 45 Permanent Equipment Installation 1 46 Pipeline Tapping Services 1 47 Plugging & Abandonment 0 53 Overhead 1 54 Insurance 20,000							
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1 38 Temporary Packers/Plugs 1 39 High Pressure Pump Truck 40 Stimulation 1 41 Rentals - Pressure Control 1 42 Flowback Services 1 43 Water Transfer Services 1 44 Flowback Water Trucking & Disposal 1 45 Permanent Equipment Installation 1 46 Pipeline Tapping Services 1 47 Plugging & Abandonment 0 1 53 Overhead 0							
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1 44 Flowback Water Trucking & Disposal 1 45 Permanent Equipment Installation 4 Pipeline Tapping Services 1 1 47 Plugging & Abandonment 0 1 53 Overhead 0 1 54 Insurance 20,000	1	42					
1 45 Permanent Equipment Installation 1 46 Pipeline Tapping Services 1 47 Plugging & Abandonment 0 1 53 Overhead 0 1 54 Insurance 20,000	1	43	Water Transfer Services				
1 46 Pipeline Tapping Services 1 47 Piugging & Abandonment 0 1 53 Overhead 0 1 54 Insurance 20,000	1	44	Flowback Water Trucking & Disposal				
1 47 Plugging & Abandonment 0 1 53 Overhead 0 1 54 Insurance 20,000	1	45	Permanent Equipment Installation				
1 53 Overhead 0 0 1 54 Insurance 20,000	1	46	Pipeline Tapping Services				
1 54 Insurance 20,000	1	47	Plugging & Abandonment	0			
1 54 Insurance 20,000	1	53	Overhead	0			
1 55 Contingency 67,622	1	54	Insurance	20,000			
	1	55	Contingency	67,622			

cos	T CODES	INTANGIBLE COMPLETION COSTS DESCRIPTION	AMOUNT
2	1	Land - Legal	
2	2	Land - Regulatory	
2	3	Land - Surface Damages	
2	4	Land - Survey	
2	5	Location/Pit Construction	
2	6	Remedial Dirtwork	
2	7	Reserve/Frac Pit Closing	
2	8	Drilling - Contractor	
2	9		
2	9 10	Mob/Rig Up - Contractor/Trucking	
2	10	Cementing Services	
-		Cementing Equipment	
2	12	Bits/Drill Out Assemblies	35,440
2	13	Fluid Circulation Equipment/Services	
2	14	Fluids/Chemicals	25,313
2	15	WBM Cuttings/Wastewater Disposal	
2	16	OBM Cuttings/Chemical Disposal	
2	17	Fuel/Power	225,600
2	18	Water	232,603
2	19	Directional Drilling	
2	20	Mud Logging	
2	21	Open/Cased/Production Hole Logs	8,440
2	22	Coring	
2	23	Geologic Supervision	
2	24	Engineering Supervision	
2	25	Consultant Supervision	66,000
2	26	Freight/Transportation	2,000
2	27	Labor	11,720
2	28	Supplies - Surface	2,000
2	29	Supplies - Living Quarters	2,000
2	30	Rentals - Surface	16,560
2	31	Rentals - Living Quarters	12,320
2	32	Rentals - Downhole	12,520
2	33	Rentals - Pipe & Handling Tools	0
2	34	Rentals - Frac Stack	0
-	-		81,894
2	35	Rentals - Frac Tanks	28,730
2	36	Coil Tubing Unit/Workover Rig	68,190
2	37	Wireline/Slickline/Perforating	179,298
2	38	Temporary Packers/Plugs	31,200
2	39	High Pressure Pump Truck	46,640
2	40	Stimulation	1,918,676
2	41	Rentals - Pressure Control	
2	42	Flowback Services	41,231
2	43	Water Transfer Services	63,600
2	44	Flowback Water Trucking & Disposal	10,649
2	45	Permanent Equipment Installation	
2	46	Pipeline Tapping Services	
2	47	Plugging & Abandonment	
2	53	Overhead	13,715
2	54	Insurance	
2	55	Contingency	108,224
-		TOTAL INTANGIBLE COMPLETION COSTS:	

os	T CODES	DESCRIPTION	AMOUNT
3	1	Land - Legal	
3	2	Land - Regulatory	
3	3	Land - Surface Damages	
3	4	Land - Survey	
3	5	Location/Pit Construction	5,00
3	6	Remedial Dirtwork	
3	7	Reserve/Frac Pit Closing	
3	8	Drilling - Contractor	
3	9	Mob/Rig Up - Contractor/Trucking	
3	10	Cementing Services	
3	11	Cementing Equipment	
3	12	Bits/Drill Out Assemblies	
3	13	Fluid Circulation Equipment/Services	
3	14	Fluids/Chemicals	
3	15	WBM Cuttings/Wastewater Disposal	
3	16	OBM Cuttings/Chemical Disposal	
3	17	Fuel/Power	
3	18	Water	
3	19	Directional Drilling	
3	20	Mud Logging	
3	21	Open/Cased/Production Hole Logs	
3	22	Coring	
3	23	Geologic Supervision	
3	24	Engineering Supervision	
3	25	Consultant Supervision	18,50
3	26	Freight/Transportation	
3	20	Labor	15,00
3	28	Supplies - Surface	28,00
3	29	Supplies - Living Quarters	
3	30	Rentals - Surface	9,80
3	30		9,80
-		Rentals - Living Quarters	
3	32	Rentals - Downhole	
3	33	Rentals - Pipe & Handling Tools	
3	34	Rentals - Frac Stack	12,95
3	35	Rentals - Frac Tanks	15,00
3	36	Coil Tubing Unit/Workover Rig	34,50
3	37	Wireline/Slickline/Perforating	5,50
3	38	Temporary Packers/Plugs	
3	39	High Pressure Pump Truck	
3	40	Stimulation	
3	41	Rentals - Pressure Control	
3	42	Flowback Services	43,60
3	43	Water Transfer Services	
3	44	Flowback Water Trucking & Disposal	65,96
3	45	Permanent Equipment Installation	
3	46	Pipeline Tapping Services	
3	47	Plugging & Abandonment	
3	53	Overhead	
3	54	Insurance	
3	55	Contingency	11,27

TOTAL INTANGIBLE DRILLING COSTS: \$2,321,688 TANGIBLE DRILLING COSTS

TANGIRI E COMPLETION COSTS

		TANGIBLE DRILLING COSTS				TANGIBLE COMPLETION COSTS				TANGIBLE PRODUCTION COSTS
COS	T CODES	DESCRIPTION	AMOUNT	CO	ST CODES	DESCRIPTION	AMOUNT	cos	T CODES	DESCRIPTION
4	60	Conductor Casing	18,000	5	60	Conductor Casing		6	60	Conductor Casing
4	61	Surface Casing	56,375	5	61	Surface Casing		6	61	Surface Casing
4	62	1st Intermediate Casing	160,800	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	373,200	5	64	Production Casing	0	6	64	Production Casing
4	65	Tubing		5	65	Tubing		6	65	Tubing
4	66	Wellhead	78,000	5	66	Wellhead	0	6	66	Wellhead
4	67	Permanent Packers/Hangers/Plugs		5	67	Permanent Packers/Hangers/Plugs		6	67	Permanent Packers/Hangers/Plugs
4	68	Tanks		5	68	Tanks		6	68	Tanks
4	69	Production Vessels		5	69	Production Vessels		6	69	Production Vessels
4	70	Compressors		5	70	Compressors		6	70	Compressors
4	71	Surface Flowlines		5	71	Surface Flowlines		6	71	Surface Flowlines
4	72	Gathering Lines		5	72	Gathering Lines		6	72	Gathering Lines
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
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
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
		TOTAL TANGIBLE DRILLING COSTS:	\$701,375			TOTAL TANGIBLE COMPLETION COSTS:	\$0			TOTAL TANGIBLE PRODUCTION COSTS:

TOTAL COMPLETION COSTS: \$3,232,043

AMOUNT

6	60	Conductor Casing	
6	61	Surface Casing	
6	62	1st Intermediate Casing	
6	63	2nd Intermediate Casing	
6	64	Production Casing	
6	65	Tubing	95,400
6	66	Wellhead	62,100
6	67	Permanent Packers/Hangers/Plugs	0
6	68	Tanks	
6	69	Production Vessels	190,000
6	70	Compressors	
6	71	Surface Flowlines	50,000
6	72	Gathering Lines	0
6	73	Valves & Controllers	0
6	74	Artificial Lift Equipment	28,500
6	75	Instrumentation & Measurement	
6	76	Electrical Grounding/Safety Equipment	
6	77	Permanent Equipment Installation	3,500
6	80	Other - Surface	
6	81	Other - Downhole	
		TOTAL TANGIBLE PRODUCTION COSTS:	\$429,500

TOTAL PRODUCTION COSTS: \$694,588

TOTAL WELL COST: \$6,949,694

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TAP ROCK RESOURCES COMPANY APPROVAL:		NON OPERATING	PARTNER APPROVAL:	
VP - EXPLORATION		COMPANY NAME: _		
VP - OPERATIONS	SIGNED BY:		TITLE:	
SENIOR GEOLOGIST	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.

TOTAL DRILLING COSTS: \$3,023,063

CEO

CFO

VP - LAND & LEGAL

523 Park Point Dr, Golden, Colorado 80401 Authorization For Expenditure

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Name:	Dingo Fed Com #131H
AFE #:	0
County:	Lea
State:	NM

Well Description:

Date: January 12, 2022 MD/TVD: 19910 / 11850 Lateral Length: 7610 Geologic Target: Wolfcamp A

Drill, complete, and produce a horizontal Wolfcamp A well with a 7610 foot lateral.

INTANGIBLE DRILLING COSTS COST CODES DESCRIPTION AMOUNT					
1 1	Land - Legal	10,000			
1 2	Land - Legal	10,000			
	* '				
1 3	Land - Surface Damages	10,000			
	Land - Survey	10,000			
1 5	Location/Pit Construction	59,000			
1 6	Remedial Dirtwork	0			
1 7	Reserve/Frac Pit Closing	0			
1 8	Drilling - Contractor	777,365			
1 9	Mob/Rig Up - Contractor/Trucking	50,000			
1 10	Cementing Services	141,000			
1 11	Cementing Equipment	30,000			
1 12	Bits/Drill Out Assemblies	63,500			
1 13	Fluid Circulation Equipment/Services	103,023			
1 14	Fluids/Chemicals	112,431			
1 15	WBM Cuttings/Wastewater Disposal	55,350			
1 16	OBM Cuttings/Chemical Disposal	22,830			
1 17	Fuel/Power	75,884			
1 18	Water	39,440			
1 19	Directional Drilling	371,982			
1 20	Mud Logging	18,654			
1 21	Open/Cased/Production Hole Logs	0			
1 22	Coring	0			
1 23	Geologic Supervision	0			
1 24	Engineering Supervision	0			
1 25	Consultant Supervision	176,872			
1 26	Freight/Transportation	9,000			
1 27	Labor	98,500			
1 28	Supplies - Surface	2,500			
1 29	Supplies - Living Quarters	1,000			
1 30	Rentals - Surface	99,586			
1 31	Rentals - Living Quarters	59,778			
1 32	Rentals - Downhole	2.000			
1 33	Rentals - Pipe & Handling Tools	88,532			
1 34	Rentals - Frac Stack	00,552			
1 35	Rentals - Frac Tanks	11.159			
1 36	Coil Tubing Unit/Workover Rig	11,133			
1 37	Wireline/Slickline/Perforating				
1 38	Temporary Packers/Plugs				
1 39	High Pressure Pump Truck				
1 40 1 41	Stimulation Rentals - Pressure Control	1			
1 41	Flowback Services	1			
1 43	Water Transfer Services	+			
1 44	Flowback Water Trucking & Disposal	+			
1 45	Permanent Equipment Installation	+			
1 46	Pipeline Tapping Services				
1 47	Plugging & Abandonment	0			
1 53	Overhead	0			
1 54	Insurance	20,000			
1 55	Contingency	75,882			

:05	T CODES	DESCRIPTION	AMOUNT
2	1	Land - Legal	
2	2	Land - Regulatory	
2	3	Land - Surface Damages	
2	4	Land - Survey	
	5	Location/Pit Construction	
2	6	Remedial Dirtwork	
2	7	Reserve/Frac Pit Closing	
2	8	Drilling - Contractor	
2	9	Mob/Rig Up - Contractor/Trucking	
2	10	Cementing Services	
	11	Cementing Equipment	
2	12	Bits/Drill Out Assemblies	35,440
	13	Fluid Circulation Equipment/Services	
	14	Fluids/Chemicals	25,313
	15	WBM Cuttings/Wastewater Disposal	
	16	OBM Cuttings/Chemical Disposal	
2	17	Fuel/Power	225,600
	18	Water	232,603
2	19	Directional Drilling	
2	20	Mud Logging	
2	21	Open/Cased/Production Hole Logs	8,440
	22	Coring	
	23	Geologic Supervision	
	24	Engineering Supervision	
2	25	Consultant Supervision	66,000
	26	Freight/Transportation	2,000
	20	Labor	11,720
	27	Supplies - Surface	2,000
	20	Supplies - Surface Supplies - Living Quarters	2,000
2	30	Rentals - Surface	
	30		16,560
-	-	Rentals - Living Quarters	12,320
_	32	Rentals - Downhole	0
_	33	Rentals - Pipe & Handling Tools	0
	34	Rentals - Frac Stack	81,894
	35	Rentals - Frac Tanks	28,730
	36	Coil Tubing Unit/Workover Rig	68,190
	37	Wireline/Slickline/Perforating	179,298
	38	Temporary Packers/Plugs	31,200
2	39	High Pressure Pump Truck	46,640
2	40	Stimulation	1,962,110
2	41	Rentals - Pressure Control	
	42	Flowback Services	41,231
	43	Water Transfer Services	63,600
	44	Flowback Water Trucking & Disposal	10,649
	45	Permanent Equipment Installation	
	46	Pipeline Tapping Services	
2	47	Plugging & Abandonment	
2	53	Overhead	13,715
	54	Insurance	.,
	55	Contingency	109.310

COST	CODES	INTANGIBLE PRODUCTION COSTS DESCRIPTION	AMOUNT
3	1	Land - Legal	
3	2	Land - Regulatory	
3	3	Land - Surface Damages	
3	4	Land - Survey	
3	5	Location/Pit Construction	5,00
3	6	Remedial Dirtwork	
3	7	Reserve/Frac Pit Closing	
3	8	Drilling - Contractor	
3	9	Mob/Rig Up - Contractor/Trucking	
3	10	Cementing Services	
3	11	Cementing Equipment	
3	12	Bits/Drill Out Assemblies	
3	13	Fluid Circulation Equipment/Services	
3	14	Fluids/Chemicals	
3	15	WBM Cuttings/Wastewater Disposal	
3	16	OBM Cuttings/Chemical Disposal	
3	17	Fuel/Power	
3	18	Water	
-			
3	19 20	Directional Drilling	
-	-	Mud Logging	
3	21	Open/Cased/Production Hole Logs	
3	22	Coring	
3	23	Geologic Supervision	
3	24	Engineering Supervision	
3	25	Consultant Supervision	18,50
3	26	Freight/Transportation	15,00
3	27	Labor	28,00
3	28	Supplies - Surface	
3	29	Supplies - Living Quarters	
3	30	Rentals - Surface	9,80
3	31	Rentals - Living Quarters	
3	32	Rentals - Downhole	
3	33	Rentals - Pipe & Handling Tools	
3	34	Rentals - Frac Stack	12,95
3	35	Rentals - Frac Tanks	15,00
3	36	Coil Tubing Unit/Workover Rig	34,50
3	37	Wireline/Slickline/Perforating	5,50
3	38	Temporary Packers/Plugs	
3	39	High Pressure Pump Truck	
3	40	Stimulation	
3	41	Rentals - Pressure Control	
3	42	Flowback Services	43,60
3	43	Water Transfer Services	
3	44	Flowback Water Trucking & Disposal	65,96
3	45	Permanent Equipment Installation	20,00
3	46	Pipeline Tapping Services	
3	40	Plugging & Abandonment	
3	53	Overhead	
3	53		
3	55	Insurance	11,27
3	55	Contingency	11,27

TOTAL INTANGIBLE DRILLING COSTS: \$2,605,268

TANGIBLE COMPLETION COSTS

	TANGIBLE DRILLING COSTS				TANGIBLE COMPLETION COSTS					TANGIBLE PRODUCTION COSTS	
ST CODES	DESCRIPTION	AMOUNT	COST	CODES	DESCRIPTION	AMOUNT		cos	CODES	DESCRIPTION	AMOUNT
60	Conductor Casing	18,000	5	60	Conductor Casing			6	60	Conductor Casing	
61	Surface Casing	56,375	5	61	Surface Casing] [6	61	Surface Casing	
62	1st Intermediate Casing	160,800	5	62	1st Intermediate Casing			6	62	1st Intermediate Casing	
63	2nd Intermediate Casing	286,375	5	63	2nd Intermediate Casing			6	63	2nd Intermediate Casing	
64	Production Casing	415,620	5	64	Production Casing	0		6	64	Production Casing	
65	Tubing		5	65	Tubing			6	65	Tubing	95,400
66	Wellhead	78,000	5	66	Wellhead	0		6	66	Wellhead	62,100
67	Permanent Packers/Hangers/Plugs		5	67	Permanent Packers/Hangers/Plugs			6	67	Permanent Packers/Hangers/Plugs	0
68	Tanks		5	68	Tanks			6	68	Tanks	
69	Production Vessels		5	69	Production Vessels] [6	69	Production Vessels	190,000
70	Compressors		5	70	Compressors			6	70	Compressors	
71	Surface Flowlines		5	71	Surface Flowlines] [6	71	Surface Flowlines	50,000
72	Gathering Lines		5	72	Gathering Lines] [6	72	Gathering Lines	0
73	Valves & Controllers		5	73	Valves & Controllers			6	73	Valves & Controllers	0
74	Artificial Lift Equipment		5	74	Artificial Lift Equipment] [6	74	Artificial Lift Equipment	28,500
75	Instrumentation & Measurement		5	75	Instrumentation & Measurement] [6	75	Instrumentation & Measurement	
76	Electrical Grounding/Safety Equipment		5	76	Electrical Grounding/Safety Equipment			6	76	Electrical Grounding/Safety Equipment	
77	Permanent Equipment Installation		5	77	Permanent Equipment Installation] [6	77	Permanent Equipment Installation	3,500
80	Other - Surface		5	80	Other - Surface] [6	80	Other - Surface	
81	Other - Downhole	15,000	5	81	Other - Downhole] [6	81	Other - Downhole	
-	TOTAL TANGIBLE DRILLING COSTS:	\$1,030,170	_		TOTAL TANGIBLE COMPLETION COSTS:	\$0				TOTAL TANGIBLE PRODUCTION COSTS:	\$429,500
	TOTAL DRILLING COSTS:	\$3,635,438			TOTAL COMPLETION COSTS:	\$3,276,562				TOTAL PRODUCTION COSTS:	\$694,588

TOTAL WELL COST: \$7,606,588

TAP ROCK RESOURCES COMPANY APPROVAL:	NON OPERATING PARTNER APPROVA	<u>،</u> ۱۰
TAP NOCK RESOURCES COMPANY APPROVAL.		
CEO VP - EXPLORATION	COMPANY NAME:	-
CFO VP - OPERATIONS	SIGNED BY: TITLE:	
VP - LAND & LEGAL SENIOR GEOLOGIST	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.

523 Park Point Dr, Golden, Colorado 80401 Authorization For Expenditure

Page 23 of 38

Name:	Dingo Fed Com #201H
AFE #:	0
County:	Lea
State:	NM

Well Description:

Date: January 12, 2022 MD/TVD: 19910 / 11850 Lateral Length: 7610 Geologic Target: Wolfcamp A

Drill, complete, and produce a horizontal Wolfcamp A well with a 7610 foot lateral.

COST CODE	INTANGIBLE DRILLING COSTS DESCRIPTION	AMOUNT
1 1	Land - Legal	10,000
1 2	Land - Regulatory	10,000
1 3	Land - Surface Damages	10,000
1 4	Land - Survey	10,000
1 5	Location/Pit Construction	59,000
1 6	Remedial Dirtwork	0
1 7	Reserve/Frac Pit Closing	0
1 8	Drilling - Contractor	777,365
1 9	Mob/Rig Up - Contractor/Trucking	50,000
1 10	Cementing Services	141,000
1 11		30,000
-	Cementing Equipment	
1 12	Bits/Drill Out Assemblies	63,500
1 13	Fluid Circulation Equipment/Services	103,023
1 14	Fluids/Chemicals	112,431
1 15	WBM Cuttings/Wastewater Disposal	55,350
1 16	OBM Cuttings/Chemical Disposal	22,830
1 17	Fuel/Power	75,884
1 18	Water	39,440
1 19	Directional Drilling	371,982
1 20	Mud Logging	18,654
1 21	Open/Cased/Production Hole Logs	0
1 22	Coring	0
1 23	Geologic Supervision	0
1 24	Engineering Supervision	0
1 25	Consultant Supervision	176,872
1 26	Freight/Transportation	9,000
1 27	Labor	98,500
1 28	Supplies - Surface	2,500
1 29	Supplies - Living Quarters	1,000
1 30	Rentals - Surface	99,586
1 31	Rentals - Living Quarters	59,778
1 32	Rentals - Downhole	
1 32	Rentals - Downhole Rentals - Pipe & Handling Tools	2,000 88,532
1 33		88,532
-	Rentals - Frac Stack	
1 35	Rentals - Frac Tanks	11,159
1 36	Coil Tubing Unit/Workover Rig	
1 37	Wireline/Slickline/Perforating	
1 38	Temporary Packers/Plugs	
1 39	High Pressure Pump Truck	
1 40	Stimulation	
1 41	Rentals - Pressure Control	
1 42	Flowback Services	
1 43	Water Transfer Services	
1 44	Flowback Water Trucking & Disposal	
1 45	Permanent Equipment Installation	
1 46	Pipeline Tapping Services	
1 47	Plugging & Abandonment	0
1 53	Overhead	0
1 54	Insurance	20,000
		75,882

	T CODES	DESCRIPTION	AMOUNT
	1	Land - Legal	
_	2	Land - Regulatory	
-	3	Land - Surface Damages	
	4	Land - Survey	
	5	Location/Pit Construction	
	6	Remedial Dirtwork	
	7	Reserve/Frac Pit Closing	
	8	Drilling - Contractor	
	9	Mob/Rig Up - Contractor/Trucking	
	10	Cementing Services	
	11	Cementing Equipment	
	12	Bits/Drill Out Assemblies	35,440
	13	Fluid Circulation Equipment/Services	
	14	Fluids/Chemicals	25,313
	15	WBM Cuttings/Wastewater Disposal	
	16	OBM Cuttings/Chemical Disposal	
	17	Fuel/Power	225,600
	18	Water	232,603
	19	Directional Drilling	
	20	Mud Logging	
	21	Open/Cased/Production Hole Logs	8,440
	22	Coring	
	23	Geologic Supervision	
	24	Engineering Supervision	
	25	Consultant Supervision	66,000
	26	Freight/Transportation	2,000
	27	Labor	11,720
	28	Supplies - Surface	2,000
	29	Supplies - Living Quarters	2,000
	30	Rentals - Surface	16,560
	31	Rentals - Living Quarters	12,320
	32	Rentals - Downhole	12,520
	33	Rentals - Pipe & Handling Tools	
	34	Rentals - Frac Stack	81,894
	35	Rentals - Frac Tanks	28,730
	36	Coil Tubing Unit/Workover Rig	68,190
	37	Wireline/Slickline/Perforating	179,298
	38		31,200
	38	Temporary Packers/Plugs	
-		High Pressure Pump Truck	46,640
_	40	Stimulation	1,962,110
_	41	Rentals - Pressure Control	
	42	Flowback Services	41,231
	43	Water Transfer Services	63,600
_	44	Flowback Water Trucking & Disposal	10,649
	45	Permanent Equipment Installation	
	46	Pipeline Tapping Services	
	47	Plugging & Abandonment	
	53	Overhead	13,715
	54	Insurance	
	55	Contingency	109,310

COST	CODES	DESCRIPTION	AMOUNT
3	1	Land - Legal	
3	2	Land - Regulatory	
3	3	Land - Surface Damages	
3	4	Land - Survey	
3	5	Location/Pit Construction	5,00
3	6	Remedial Dirtwork	
3	7	Reserve/Frac Pit Closing	
3	8	Drilling - Contractor	
3	9	Mob/Rig Up - Contractor/Trucking	
3	10	Cementing Services	
3	11	Cementing Equipment	
3	12	Bits/Drill Out Assemblies	
3	13	Fluid Circulation Equipment/Services	
3	14	Fluids/Chemicals	
3	15	WBM Cuttings/Wastewater Disposal	
3	16	OBM Cuttings/Chemical Disposal	
3	17	Fuel/Power	
3	18	Water	
2	19	Directional Drilling	
3	20	Mud Logging	
3			
3	21	Open/Cased/Production Hole Logs	
3		Coring	
-	23	Geologic Supervision	
3	24	Engineering Supervision	
3	25	Consultant Supervision	18,50
3	26	Freight/Transportation	15,00
3	27	Labor	28,00
3	28	Supplies - Surface	
3	29	Supplies - Living Quarters	
3	30	Rentals - Surface	9,80
3	31	Rentals - Living Quarters	
3	32	Rentals - Downhole	
3	33	Rentals - Pipe & Handling Tools	
3	34	Rentals - Frac Stack	12,95
3	35	Rentals - Frac Tanks	15,00
3	36	Coil Tubing Unit/Workover Rig	34,50
3	37	Wireline/Slickline/Perforating	5,50
3	38	Temporary Packers/Plugs	
3	39	High Pressure Pump Truck	
3	40	Stimulation	
3	41	Rentals - Pressure Control	
3	42	Flowback Services	43,60
3	43	Water Transfer Services	
3	44	Flowback Water Trucking & Disposal	65,96
3	45	Permanent Equipment Installation	
3	46	Pipeline Tapping Services	
3	40	Plugging & Abandonment	
3	53	Overhead	
3	53	Insurance	
3	55	Contingency	11,27

TOTAL INTANGIBLE DRILLING COSTS: \$2,605,268

TANGIBLE DRILLING COSTS

DESCRIPTION

COST CODES DESC 4 60 Conductor Casing 4 61 Surface Casing

72 Gathering Lines

4 81 Other - Downhole

73 Valves & Controllers
 74
 Artificial Lift Equipment

 75
 Instrumentation & Measurement

4

4

4 4

4

4 4

62 1st Intermediate Casing 4 63 2nd Intermediate Casing 4 64 Production Casing 4 65 Tubing

 4
 65
 Tubing

 4
 66
 Wellbead

 4
 67
 Permanent Packers/Hangers/Plugs

 4
 68
 Tanks

 4
 69
 Production Vessels

 4
 70
 Compressors

 4
 71
 Surface Howlines

76 Electrical Grounding/Safety Equipment

77 Permanent Equipment Installation 80 Other - Surface

TANGIBLE COMPLETION COSTS

DESCRIPTION	AMOUNT	COST CODES		DESCRIPTION	AMOUNT	COST CODES		
ctor Casing	18,000	5 60		Conductor Casing		6	60	Cond
e Casing	56,375	5	61	Surface Casing		6	61	Surfa
ermediate Casing	160,800	5	62	1st Intermediate Casing		6	62	1st Ir
termediate Casing	286,375	5	63	2nd Intermediate Casing		6	63	2nd I
ction Casing	415,620	5	64	Production Casing	0	6	64	Prod
5		5	65	Tubing		6	65	Tubir
ead	78,000	5	66	Wellhead	0	6	66	Well
nent Packers/Hangers/Plugs		5	67	Permanent Packers/Hangers/Plugs		6	67	Perm
		5	68	Tanks		6	68	Tank
ction Vessels		5	69	Production Vessels		6	69	Prod
ressors		5	70	Compressors		6	70	Com
e Flowlines		5	71	Surface Flowlines		6	71	Surfa
ring Lines		5	72	Gathering Lines		6	72	Gath
& Controllers		5	73	Valves & Controllers		6	73	Valve
ial Lift Equipment		5	74	Artificial Lift Equipment		6	74	Artifi
mentation & Measurement		5	75	Instrumentation & Measurement		6	75	Instr
cal Grounding/Safety Equipment		5	76	Electrical Grounding/Safety Equipment		6	76	Elect
nent Equipment Installation		5	77	Permanent Equipment Installation		6	77	Perm
- Surface		5	80	Other - Surface		6	80	Othe
- Downhole	15,000	5	81	Other - Downhole		6	81	Othe
TOTAL TANGIBLE DRILLING COSTS:	\$1,030,170			TOTAL TANGIBLE COMPLETION COSTS:	\$0			т
TOTAL TANGIBLE DRILLING COSTS:	\$1,030,170			TOTAL TANGIBLE COMPLETION COSTS:	ŞU			

TOTAL COMPLETION COSTS: \$3,276,562

6 60	Conductor Casing	
6 61	Surface Casing	
6 62	1st Intermediate Casing	
6 63	2nd Intermediate Casing	
6 64	Production Casing	
6 65	Tubing	95,400
6 66	Wellhead	62,100
6 67	Permanent Packers/Hangers/Plugs	
6 68	Tanks	
6 69	Production Vessels	190,000
6 70	Compressors	
6 71	Surface Flowlines	50,000
6 72	Gathering Lines	0
6 73	Valves & Controllers	C
6 74	Artificial Lift Equipment	28,500
6 75	Instrumentation & Measurement	
6 76	Electrical Grounding/Safety Equipment	
6 77	Permanent Equipment Installation	3,500
6 80	Other - Surface	
6 81	Other - Downhole	
	TOTAL TANGIBLE PRODUCTION COSTS:	\$429,500

TANGIBLE PRODUCTION COSTS

DESCRI

AMOUNT

TOTAL PRODUCTION COSTS: \$694,588

TOTAL WELL COST: \$7,606,588

TAP ROCK RESOURCES COMPANY APPROVAL:	NON OPERATING PARTNER APPROVAL:
CEO VP - EXPLORATION	COMPANY NAME:
CEO VP - OPERATIONS	SIGNED BY: TITLE:
VP - LAND & LEGAL SENIOR GEOLOGIST	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.

TOTAL DRILLING COSTS: \$3,635,438

Represented to Imaging: 7720/2022 8:15

To ummary of Communication	Received by OCD: 7/19/2022 4:44:01
3:16	Communication
evron Midcontinent, LP	 1/12/22 - Sent well proposals and JOA 3/24/22 - Sent updated well proposals 3/24/22 - Present: Sent updated JOAs; Tap Rock and Chevron continue JOA negotiations with anticipation of Chevron participating
BEXP I, LLC BEXP I OG, LLC	1/12/22 – Sent well proposals and JOA 3/24/22 – Present: Sent updated well proposals and JOAs; Tap Rock and BEXP enter into Letter Agreement
Franklin Mountain Royalty Investments Franklin Mountain Energy ("FME")	1/12/22 – Sent well proposals and JOA 3/24/22 – Present: Sent updated well proposals and JOAs; anticipate FME to participate
Marathon Oil Permian, LLC	1/12/22 – Sent well proposals and JOA 3/24/22 – Present: Sent updated well proposals and JOAs; anticipate Marathon to elect under Order
Cayuga Royalties, LLC	5/4/22 – Present: Sent well proposals and JOAs; no response from Cayuga
The Allar Company	1/12/22 – Sent well proposals and JOA 3/24/22 – Present: Sent updated well proposals and JOAs; anticipate Allar participating

• * Final interest subject to division order title verification

TAP ROCK OPERATING, LLC MICHAEL RODRIGUEZ – ATTORNEY MDRODRIGUEZ@TAPRK.COM



July 19, 2022

<u>VIA CERTIFIED MAIL</u> <u>RETURN RECEIPT REQUESTED</u>

Tap Rock Operating, LLC Case No. 22878 Exhibit A-6

TO: ALL INTERESTED PARTIES SUBJECT TO NOTICE

Re: Case No. 22877 - Application of Tap Rock Operating, LLC for Compulsory Pooling, Lea County, New Mexico.

Re: Case No. 22878 - Application of Tap Rock Operating, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on July 7, 2022, beginning at 8:15 a.m.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter later. Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. MST, on the Thursday preceding the scheduled hearing date. The statement must be filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/) and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about the subject applications, please contact the following:

Taylor Ford Tap Rock Operating, LLC (720) 459-3726 tford@taprk.com

Thank you,

<u>/s/ Michael Rodriguez</u> Michael Rodriguez ATTORNEY FOR TAP ROCK OPERATING, LLC

ea									
4	ailClass	TrackingNo	ToName	DeliveryAddress	City	State	Zip MailDate USPS	2S_Status	Last_Modified
2	ertified with Return Receipt (Si	i 9414811898765877740909	Bexp I Og, LLC	5914 W Courtyard Dr Ste 340	Austin	ТΧ	78730-4928 06/10/2022 Your	r item was delivered to an individual at the address at 10:20 am on June 15, 2022 in AUSTIN, TX 78731.	06/16/2022 03:02:14
3	rtified with Return Receipt (Si	i 9414811898765877740695	Franklin Mountain Energy	PO Box 6977	Denver	CO	80206-0977 06/10/2022 Your	r item was picked up at the post office at 3:41 pm on June 15, 2022 in DENVER, CO 80206.	06/16/2022 03:02:15
R	ertified with Return Receipt (Si	i 9414811898765877740640	Cog Operating LLC	600 W Illinois Ave	Midland	ТΧ	79701-4882 06/10/2022 Your	r package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.	06/10/2022 05:12:23
00	ertified with Return Receipt (Si	i 9414811898765877740992	Marathon Oil Permian, LLC	5555 San Felipe St	Houston	ТΧ	77056-2701 06/10/2022 Your	r item was delivered to the front desk, reception area, or mail room at 2:32 pm on June 17, 2022 in HOUSTON, TX 77024.	06/18/2022 08:06:25
3	ertified with Return Receipt (Si	i 9414811898765877740947	The Allar Company	PO Box 1567	Graham	ТΧ	76450-7567 06/10/2022 Your	rr item was picked up at the post office at 10:13 am on June 13, 2022 in GRAHAM, TX 76450.	06/14/2022 01:55:30
00	ertified with Return Receipt (Si	i 9414811898765877740930	Cayuga Royalties, LLC	PO Box 540711	Houston	ТΧ	77254-0711 06/10/2022 Your	r item was delivered at 10:40 am on June 28, 2022 in HOUSTON, TX 77098.	06/28/2022 14:05:00
Ċ	ertified with Return Receipt (Si	i 9414811898765877740978	Attn MCBU Land	1400 Smith St	Houston	ТΧ	77002-7327 06/10/2022 Your	r package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.	06/10/2022 05:12:24
3	rtified with Return Receipt (Si	i 9414811898765877740619	Crownrock Minerals, Lp	PO Box 51933	Midland	ТΧ	79710-1933 06/10/2022 Your	r item was picked up at a postal facility at 10:15 am on June 17, 2022 in MIDLAND, TX 79705.	06/17/2022 14:02:23
2	rtified with Return Receipt (Si	i 9414811898765877740657	Regen Royalty Corp	PO Box 210	Artesia	NM	88211-0210 06/10/2022 Your	rr item was picked up at the post office at 11:24 am on June 13, 2022 in ARTESIA, NM 88210.	06/14/2022 01:55:31
6	ertified with Return Receipt (Si	i 9414811898765877740664	John Kyle Thoma, Trustee Of	PO Box 558	Peyton	CO	80831-0558 06/10/2022 Your	r item was delivered at 9:12 am on June 13, 2022 in PEYTON, CO 80831.	06/14/2022 01:55:31
7.02	rtified with Return Receipt (Si	i 9414811898765877740626	Trustee William C. Walker	2501 Museum Way Apt 810	Fort Worth	ТХ	76107-3089 06/10/2022 The	delivery status of your item has not been updated as of June 14, 2022, 2:20 am. We apologize that it may arrive later than expecte	06/10/2022 05:12:23

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Received by OCD: 7/19/2022 4:44:01 PM

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 June 10, 2022 and ending with the issue dated June 10, 2022.

Publisher

Sworn and subscribed to before me this 10th day of June 2022.

sele

Business Manager

My commission expires January 29, 2023 (Seal)

GUSSIE BLACK Notary Public - State of New Mexico Commission # 1087526 My Comm. Expires Jan 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 67117307

MICHAEL RODRIGUEZ TAP ROCK OPERATING LLC 523 PARK POINT DR GOLDEN, CO 80401 Tap Rock Operat^{Arg}, 127 of 38 Case No. 22878 Exhibit A-7

LEGAL NOTICE June 10, 2022

To all interested parties subject to notice including: BEXP 1 OG, LLC; Marathon Oil Permian, LLC; The Allar Company; Cayuga Royalties, LLC; Chevron Midcontinent, LP; Franklin Mountain Energy; COG Operating LLC; CrownRock Minerals, LP; Regen Royalty Corp; John Kyle Thoma, Trustee of The Comerstone Family Trust; William C. Walker, trustee of the William C. and Elaine M. Walker Family Trust; and their successors or assigns. On July 7, 2022, the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Tap Rock Operating, LLC in Case No. 22878. During the COVI D-19Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the O C D H e a r in g s w e b s it e : https://www.emnrd.nm.gov/ocd/hearing-info/. Tap Rock Operating, LLC ("TRO") applies for an order pooling all uncommitted interests within the Wolfcamp formation underlying a 240-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the W/2W/2 of Section 1 and W/2NW/4 of Section 12, Township 24 South, Range 34 East, NMPM. Lea County, New Mexico. The Unit will be dedicated to the following proposed initial wells ("Wells") which it intends to drill simultaneously: The Dingo Federal Com #131H and Dingo Federal Com #201H to be horizontally drilled from surface hole locations in the SW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Section 12 to bottom hole locations in the NW/4NW/4 of Sect

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

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

CASE NO. 22878

<u>SELF-AFFIRMED STATEMENT OF</u> <u>ELI DENBESTEN</u>

1. I am over the age of 18 and have personal knowledge of the matters stated herein. I am employed as a petroleum geologist for Tap Rock Operating, LLC ("Tap Rock") and am familiar with the subject application and the geology matters involved. I have testified before the New Mexico Oil Conservation Division in the past and my credentials as an expert in petroleum geology matters was accepted and made a matter of record.

2. **Exhibit B-1** is a Project Locator Map depicting the location of the Horizontal Spacing Unit ("HSU") within the Delaware Basin. Within Section 12 of Township 24 South, Range 34 East, and Section 1 of Township 24 South, Range 34 East, is the proposed HSU dedicated to the Dingo Fed Com #131H and #201H wells (the "Wells").

3. **Exhibit B-2** is a Gun Barrel Diagram showing the planned Wolfcamp horizontal spacing for the Wells. This diagram shows the projected development of the Wolfcamp Wells. A nearby type log has been included to show approximate depths and reservoir quality of the landing zones.

4. **Exhibit B-3** is a Wolfcamp structure map in subsea vertical depth. This map shows the location of the Dingo Fed Com W/2 HSU outlined by the red box. The surface/bottom hole locations of the Wells is shown, zoomed in, to the right. The contour intervals are 25 feet each. Structure is down dipping from north to the south through the HSU of Section 12 of 24S 34E and Section 1 of 24S 34E. The orientation of the Wells will be

approximately perpendicular to the down dipping structure. One horizontal well to the west of the Dingo Fed Com Com HSU (Canyonlands 2 State Com 002H) is targeted in the Wolfcamp A, and a second horizontal well to the east of the Dingo Fed Com HSU (Mortarboard Federal Com 013H) is targeted in the 3rd Bone Spring W Sand. All wells on the map marked with a green dot are landed in the 3rd Bone Spring W Sand and all wells on the map marked with a brown dot are landed in the Wolfcamp A. The vertical wells controlling the structure map have the subsea vertical depth posted in black. The subsequent cross-section from A-A' (**Exhibit B-4**) is also identified to locate our closest control on the reservoir properties for the Wells. I do not observe any faulting, pinch-outs, or other geologic impediments or hazards to developing this targeted interval with a horizontal well.

5. **Exhibit B-4** is a Wolfcamp Stratigraphic Cross Section (flattened on the uppermost 3rd Bone Spring W Sand). 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 25% 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 Wells. Peach circles on the depth track of Well 3 show the landing target intervals for the Wells.

6. **Exhibit B-5** is an Isopach Map of the Gross Wolfcamp interval. This map shows the location of the Dingo Fed Com HSU outlined by the red box. The surface/bottom hole location of the Wells is shown, zoomed in, to the right. The anticipated gross thickness of the interval is 550-725' throughout the HSU. The contour intervals are 25'. The location of the previous cross-section from A-A' is also shown on this map.

7. 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 south-north. This is because the inferred orientation of the maximum horizontal stress is roughly west-east.

8. **Exhibit B-6** shows a Simplified Wellbore Diagram of the Wells in the HSU and demonstrates that the first and last take points for the Wells will be standard.

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

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

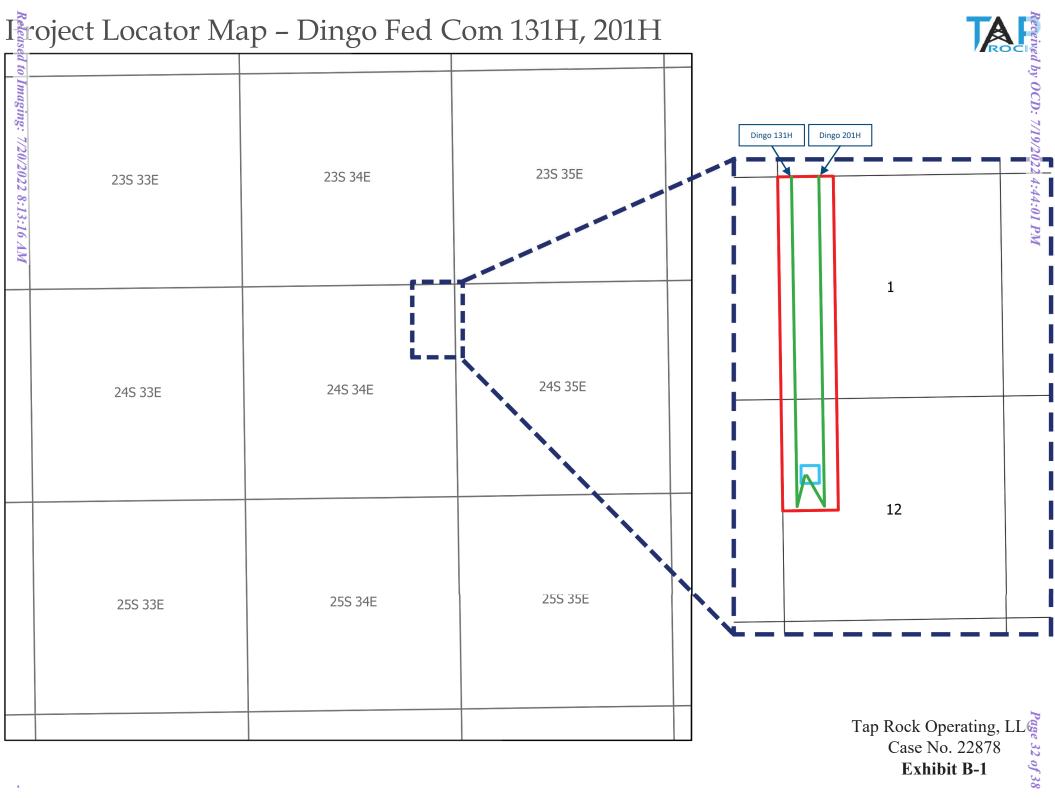
I understand this Self-Affirmed Statement will be used as written testimony in 11. this case. I affirm that my testimony in paragraphs 1 through 10 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

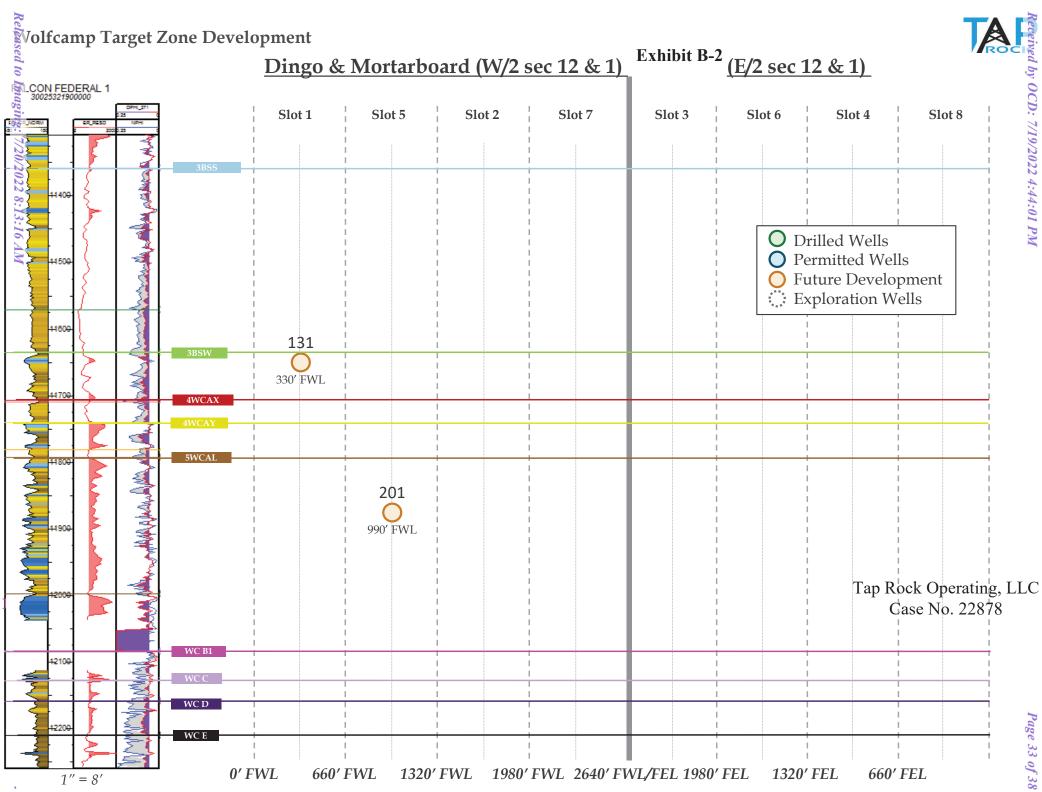
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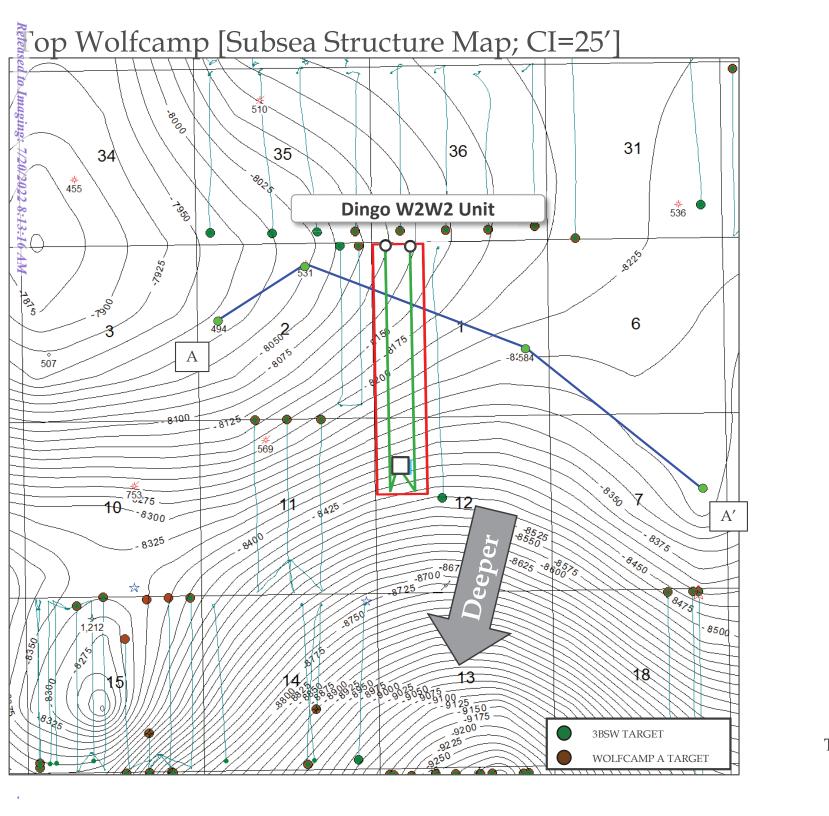
7-19-2022 Date

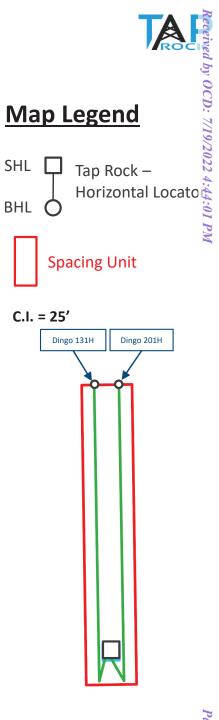
Eli DenBesten

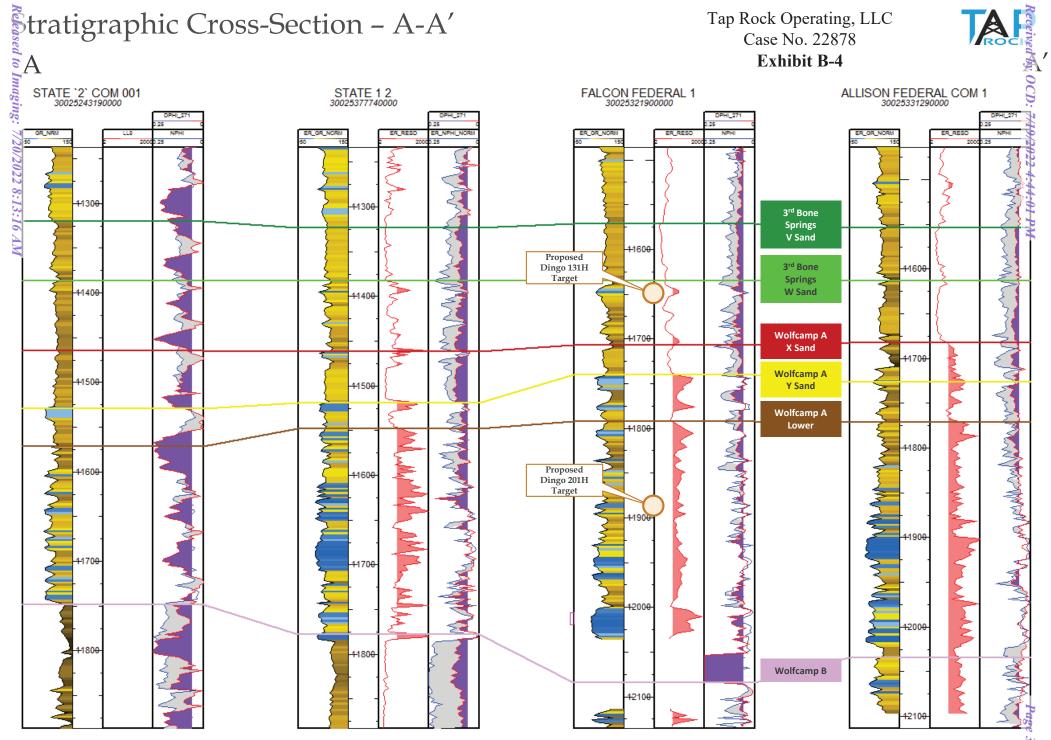
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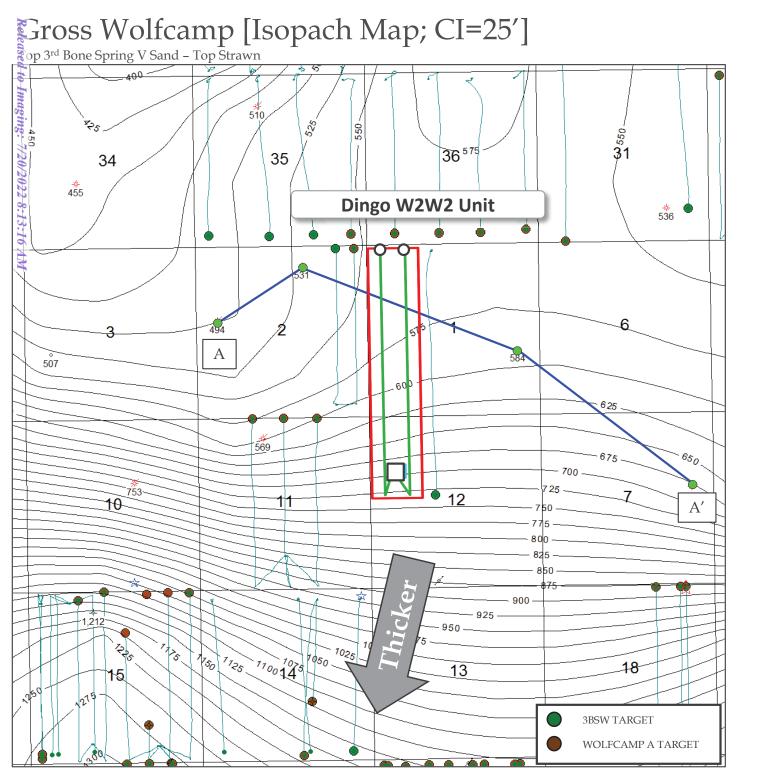


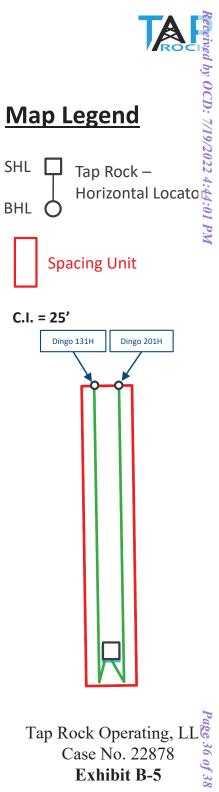




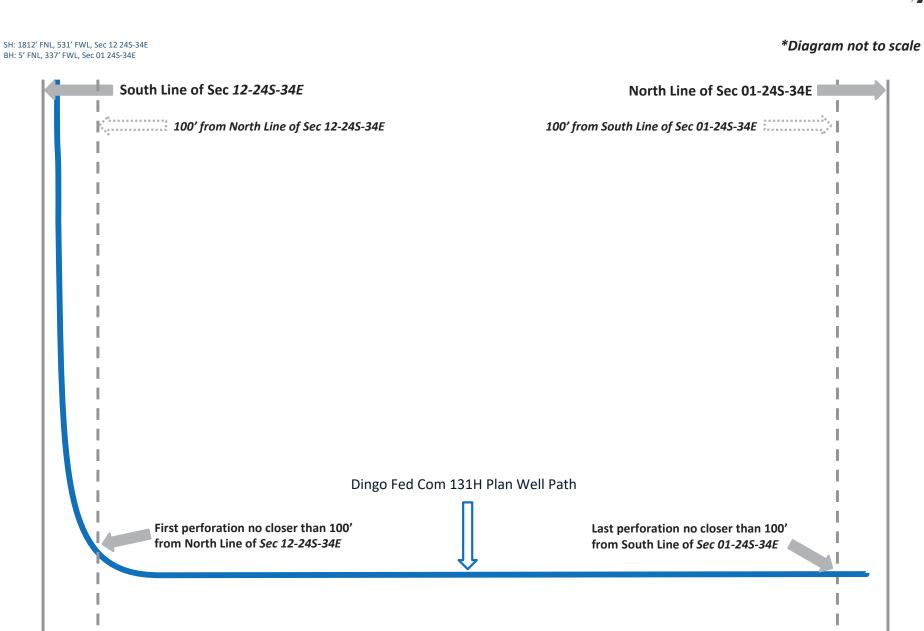


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Dingo Federal Com 131H (2 mile S-N Lateral)



Tap Rock Operating, LL Case No. 22878 Exhibit B-6

Released to Imaging: 7/20/2022 8:13:16 AM

Dingo Federal Com 201H (2 mile S-N Lateral)



