BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING May 4, 2023

APPLICATION OF EARTHSTONE OPERATING, LLC, FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 23476:

Outland 18-7 State Com 112H Well Outland 18-7 State Com 212H Well

EARTHSTONE OPERATING, LLC

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TAB 1

Reference for Case No. 23476 Application Case No. 23476:

Outland 18-7 State Com 112H Well Outland 18-7 State Com 212H Well

NMOCD Checklist Case No. 23476

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

APPLICATION OF EARTHSTONE OPERATING, LLC, FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. _____23476

APPLICATION

Earthstone Operating, LLC, ("Earthstone"), OGRID No. 331165, through its undersigned attorneys, hereby files this Application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order (1) establishing a standard 320.00-acre, more or less, spacing and proration unit comprised of the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Bone Spring formation, designated as an oil pool, underlying said unit. Sections 7 and 18 are irregular sections with correction lots, but there are no such lots in the proposed unit.

In support of its Application, Earthstone states the following:

- 1. Earthstone is a working interest ("WI") owner in the proposed horizontal spacing and proration unit ("HSU") and has a right to drill a well thereon.
- 2. Earthstone proposes and dedicates to the HSU two initial wells: the **Outland 18-7 State Com 112H Well** and the **Outland 18-7 State Com 212H Well**, to be drilled to a sufficient depth to test the Bone Spring formation.

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- 3. Earthstone proposes the **Outland 18-7 State Com 112H Well,** an oil well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 18 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 7.
- 4. Earthstone proposes the **Outland 18-7 State Com 212H Well,** an oil well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 18 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 7.
- 5. The proposed wells are orthodox in their locations, and the take points and completed intervals comply with setback requirements under the statewide rules.
- 6. Earthstone's review of the land records did not reveal any overlapping units; should an overlapping unit be discovered, Earthstone will satisfy notice as part of the permitting process.
- 7. Earthstone has sought in good faith, but has been unable to obtain, voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed HSU.
- 8. The pooling of uncommitted interests in the Bone Spring formation within the proposed HSU, and creation of the spacing unit, will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 9. In order to provide for its just and fair share of the oil and gas underlying the subject lands, Earthstone requests that all uncommitted interests in this HSU be pooled and that Earthstone be designated the operator of the proposed horizontal wells and HSU.

WHEREFORE, Earthstone requests that this Application be set for hearing on May 4, 2023, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

A. Establishing a standard 320.00-acre, more or less, spacing and proration unit comprised of the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM,

Lea County, New Mexico;

В. Pooling all uncommitted mineral interests in the Bone Spring formation underlying

the proposed HSU.

C. Approving the Outland 18-7 State Com 112H Well and the Outland 18-7 State

Com 212H Well as the wells for the HSU.

D. Designating Earthstone as operator of this HSU and the horizontal wells to be

drilled thereon;

E. Authorizing Earthstone to recover its costs of drilling, equipping, and completing

the wells;

F. Approving actual operating charges and costs of supervision, to the maximum

extent allowable, while drilling and after completion, together with a provision adjusting the rates

pursuant to the COPAS accounting procedures; and

Setting a 200% charge for the risk assumed by Earthstone in drilling and completing G.

the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

ABADIE & SCHILL, PC

/s/ Darin C. Savage

Darin C. Savage

Andrew D. Schill

William E. Zimsky

214 McKenzie Street

Santa Fe, New Mexico 87501

Telephone: 970.385.4401

Facsimile: 970.385.4901 darin@abadieschill.com andrew@abadieschill.com bill@abadieschill.com

Attorneys for Earthstone Operating LLC

Application of Earthstone Operating, LLC for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) establishing a standard 320.00-acre, more or less, spacing and proration unit comprised of the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Bone Spring formation, designated as an oil pool, underlying the unit. Sections 7 and 18 are irregular with correction lots but there are no such lots in the proposed unit. The proposed wells to be dedicated to the horizontal spacing unit are the Outland 18-7 State Com 112H Well and the Outland 18-7 State Com 212H Well, both oil wells, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 18 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 7. The wells will be orthodox, and the take points and completed intervals will comply with the setback requirements under statewide Rules; also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15 miles northwest of Eunice, New Mexico.

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COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

ALL IN ONWATION IN THE AIT LICATION WOST	DE SOTT ORTED DI SIGNED ATTIDAVITS						
Case: 23476	APPLICANT'S RESPONSE						
Date: May 4, 2023							
Applicant	Earthstone Operating, LLC						
Designated Operator & OGRID (affiliation if applicable)	331165						
Applicant's Counsel:	Darin C. Savage - Abadie & Schill, PC						
Case Title:	APPLICATION OF EARTHSTONE OPERATING, LLC, FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO						
Entries of Appearance/Intervenors:	Devon Energy Production Company, L.P; MRC Permian Company						
Well Family	Outland						
Formation/Pool							
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:	Wilson; Bone Spring formation; Pool Code: 64560						
Well Location Setback Rules:	Statewide Rules						
Spacing Unit							
Type (Horizontal/Vertical)	Horizontal						
Size (Acres)	320.00 acres, more or less						
Building Blocks:	Quarter Quarter Sections (40 acre blocks)						
Orientation:	South-North						
Description: TRS/County	E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New						
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes, standard spacing unit						
Other Situations							
Depth Severance: Y/N. If yes, description	No, N/A						
Proximity Tracts: If yes, description	No						
Proximity Defining Well: if yes, description	N/A						
Applicant's Ownership in Each Tract	See Exhibit A-2: Ownership Breakdown						
Well(s)							
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed						

Well #1	Outland 18-7 State Com 112H Well (API No. 30-015-
	Pending), SHL: Unit N, 145' FSL, 1630' FWL, Section
	18, T21S-R35E, NMPM; BHL: Unit C, 50' FNL, 2310'
	FWL, Section 7, T21S-R35E, NMPM, standup,
	standard
Horizontal Well First and Last Take Points	Outland 18-7 State Com 112H Well: FTP 100' FSL,
	2310' FWL, Section 18, LTP 100' FNL, 2310 FWL, Section 7
Completion Target (Formation, TVD and MD)	Outland 18-7 State Com 112H Well: TVD approx.
completion ranger (Formation, 170 and 1910)	9,252', TMD 19,000'; Bone Spring formation, See
	Exhibit A and B-4
Well #2	Outland 18-7 State Com 212H Well, SHL: Unit N,
	145' FSL, 1600' FWL, Section 18, T21S-R35E, NMPM;
	BHL: Unit C, 50' FNL, 1650' FWL, Section 7, standup,
Hanisantal Wall Finst and Last Tale Bainta	standard
Horizontal Well First and Last Take Points	Outland 18-7 State Com 212H Well: FTP 100' FSL, 1650' FWL, Section 18, LTP 100' FNL, 1650 FWL,
	Section 7
Completion Target (Formation, TVD and MD)	Outland 18-7 State Com 212H Well: TVD approx.
	9,797', TMD 20,000'; Bone Spring formation, See
	Exhibit A and B-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7,500, Exhibit A
Production Supervision/Month \$	\$750, Exhibit A
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%, Exhibit A
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C, C-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-2, C-4
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-3, C-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-2
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject	
to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit A-2
Unlocatable Parties to be Pooled	Exhibit A, Para. 14
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	,
Sample Copy of Proposal Letter	Exhibit A-3

	_
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-2
Chronology of Contact with Non-Joined Working Interests	Exhibit A-4
Overhead Rates In Proposal Letter	Exhibit A-3
Cost Estimate to Drill and Complete	Exhibit A-3
Cost Estimate to Equip Well	Exhibit A-3
Cost Estimate for Production Facilities	Exhibit A-3
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-5
Well Orientation (with rationale)	Exhibit B-2, B-3
Target Formation	Exhibit B-2, B-3, B-4, B-5
HSU Cross Section	Exhibit B-4, B-5
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit A-2, B-1
Well Bore Location Map	Exhibit A-1; Exhibit B-5
Structure Contour Map - Subsea Depth	Exhibit B-2, B-3
Cross Section Location Map (including wells)	Exhibit B-4, B-5
Cross Section (including Landing Zone)	Exhibit B-4
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information pro	vided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Darin C. Savage
Signed Name (Attorney or Party Representative):	/s/ Darin Savage
Date:	May 2, 2023

TAB 2

Case No. 23476

Exhibit A: Self-Affirmed Statement of Amanda Redfearn, Landman

Exhibit A-1: C-102 Forms

Exhibit A-2: Ownership and Sectional Map Exhibit A-3: Well Proposal Letters and AFEs

Exhibit A-4: Chronology of Contacts with Uncommitted Owners

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

APPLICATION OF EARTHSTONE OPERATING, LLC, FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 23476

SELF-AFFIRMED STATEMENT OF AMANDA REDFEARN

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 Earthstone Operating, LLC, ("Earthstone"), and I am familiar with the subject application and the lands involved.
- 3. I graduated in May 2016 from University of Houston Downtown with a bachelor's degree in International Business with a PLM minor. I have worked at Earthstone Energy, Inc. for approximately 2 years, and I have been working in New Mexico for more than 2 years. I have not testified previously before the New Mexico Oil Conservation Division ("Division") but ask that my credentials be accepted of record for the purpose of being qualified and recognized as an expert witness in petroleum land matters. I have attached a two-page resume to this affidavit for the Division's review and consideration.
- 4. This affidavit is submitted in connection with the filing by Earthstone of the above-referenced spacing and compulsory pooling applications pursuant to 19.15.4.12.A(1).
- 5. Earthstone seeks an order pooling all uncommitted mineral interest in the Wilson; Bone Spring formation; Pool Code: 64560, underlying a standard 320-acre, more or less,



horizontal spacing and proration unit comprised of the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New Mexico.

- 6. Under <u>Case No. 23476</u>, Earthstone seeks to dedicate the **Outland 18-7 State Com 112H Well** (API 30-015-pending) as an initial well, horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 18 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 7; approximate TVD of 9,252'; approximate TMD of 19,000'; FTP in Section 18: 100' FSL, 2310' FWL; LTP in Section 7: 100' FNL, 2310' FWL.
- 7. Under <u>Case No. 23476</u>, Earthstone seeks to dedicate the **Outland 18-7 State Com 212H Well** (API 30-015-pending) as an initial well, horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 18 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 7; approximate TVD of 9,797'; approximate TMD of 20,000'; FTP in Section 18: 100' FSL, 1650' FWL; LTP in Section 7: 100' FNL, 1650' FWL.
 - 8. The proposed C-102 for each well is attached as **Exhibit A-1**.
- 9. A general location plat and a plat outlining the units being pooled is attached hereto as **Exhibit A-2**, which show the location of the proposed well within the unit. The location of each well is orthodox, and it meets the Division's offset requirements.
- 10. The parties being pooled, the nature of their interests, and their last known addresses are listed on **Exhibit A-2** attached hereto. **Exhibit A-2** includes information regarding working interest owners and overriding royalty interest owner.
 - 11. There are no depth severances in the Bone Spring formation in this acreage.
- 13. Earthstone's review of the land records did not reveal any overlapping units; should an overlapping unit be discovered, Earthstone will satisfy notice as part of the permitting process.

- 14. I provided the law firm of Abadie & Schill P.C. a list of names and addresses for the uncommitted interest owners shown on **Exhibit A-2**. In compiling these addresses, I conducted a diligent search of the public records in Lea County, New Mexico, where the wells are located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. All working interest owners were locatable and noticed; there was only one unlocatable party who is an overriding interest owner: TWR IV, LLC. One of the mailings to ORRI owners are still listed as in-transit, therefore the locations have not been confirmed for: TWR IV, LLC. Earthstone published notice in the Hobbs News-Sun, a newspaper of general circulation in Lea County, New Mexico, to account for any unlocatable parties and cover any contingencies regarding notice.
- 15. Earthstone has made a good faith effort to negotiate with the interest owners, but has been unable to obtain voluntary agreement from all interest owners to participate in the drilling of the well or in the commitment of their interests to the well for its development within the proposed horizontal spacing unit. **Exhibit A-4** provides a chronology and history of contacts with the owners.
- 16. The interest owners being pooled have been contacted regarding the proposed wells but have failed or refused to voluntarily commit their interest in the wells. However, Earthstone has been in ongoing discussions with some of the interest owners to voluntarily enter into a Joint Operating Agreement. If a mutually agreeable Joint Operating Agreement is reached between Earthstone and another interest owner or owners, Earthstone requests that the voluntary agreement become operative and supersede the Division's order for said parties, except to the extent the Division deems it necessary to maintain spacing criteria for the purpose of conservation, the prevention of waste, and protection of correlative rights.

- 17. The interest owners being pooled have been contacted regarding the proposed wells, and the working interest owners have voluntarily committed their interests in the wells. This pooling application has been submitted for approval in order to account for the overriding royalty interest owners.
- 18. **Exhibit A-3** is a sample proposal letter and the AFEs for each proposed well. The estimated cost of the wells set forth in the AFEs is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.
- 19. Earthstone requests overhead and administrative rates of \$7,500/month for drilling each well and \$750/month for producing each 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. Earthstone requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 20. Earthstone requests the maximum cost, plus 200% risk charge be assessed against non-consenting working interest owners to the extent needed.
 - 21. Earthstone requests that it be designated operator of the units and wells.
- 22. The Exhibits to this Affidavit were prepared by me or compiled from Earthstone's company business records under my direct supervision.
- 23. The granting of this Application is in the best interests of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.
 - 24. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

Signature page of Self-Affirmed Statement of Amanda Redfearn:

I understand that this Self-Affirmed Statement will be used as written testimony before the Division in Case No. 23476 and affirm that my testimony herein is true and correct, to the best of my knowledge and belief and made under penalty of perjury under the laws of the State of New Mexico.

Amanda Redfearn

4/20/23

Date Signed

Amanda M. Redfearn

WORK EXPERIENCE

Earthstone Energy June 2021 – Current

Senior Landman – Permian (December 2022 – Current)

Landman – Permian (June 2021 – December 2022)

- Assist management and provide support on Texas and New Mexico acquisition due diligence efforts, review and prepare ABOS
 exhibits, closings, onboarding, integration, and operations of acquired assets totaling over \$2 billion to date
- Provide support and coordinate development plans with geologists, engineers, operations, and regulatory teams
- Analyze, identify, and quantify any present Land business risks involved in current and future development activity
- Coordinate with various local, state, and federal land entities to support operational activities
- Draft and negotiate JOAs, Assignments, Unit/Pooling Agreements, Production Sharing Agreements, Letter Agreements, Trades, Mineral and Surface Agreements, and other contracts necessary to acquire, develop, and operate
- Establish and manage relationships with landowners, landowner's attorneys, regulatory agencies, industry partners, and competitors
- Manage and direct brokers for title research, due diligence, and curative efforts
- Direct and work with title attorneys to secure necessary examination of title, rendering of title opinions, and resolving defects
- Provide support to DO and Accounting teams to resolve owner and partner JIB inquiries

Capitol Land Source January 2020 – June 2021

Landman – Permian

- Team lead and key advisor to client on two Permian based due diligence projects for acquisitions totaling \$425 million
- Project manager and coordinator with cross functional teams: conduct surface and mineral title research, generate ownership reports, and clear title on ~400 pipeline routes, wells, and OHPLs in New Mexico and Texas
- Coordinate with various local, state, and federal land entities to support client's operational activities

BHP Billiton June 2014 – March 2019

Landman – Eagle Ford and Permian (November 2017 – March 2019)

- Responsible for management and development of \$160 million Permian and Eagle Ford asset OBO budget
- Serve as the Land subject matter expert to collaboratively evaluate external well proposals on cross functional business unit teams
- Preform land evaluation/title due diligence prior to drill; verify, manage, and maintain new and existing ownership setups
- Review and resolve JIB disputes for JV Accounting in addition to approving cash calls from external partners
- Lead negotiator and project manager for Land transactions; acquire, maintain, and divest Permian and Eagle Ford assets
- Negotiate and draft various ancillary oil and gas agreements: Leases, Wellbore Assignments, Production Sharing Agreements,
 Farmout/Ins, Joint Operating Agreements, Trades, Mineral and Surface Agreements
- Provide work direction to field land agents and outside legal counsel

Land Technician – Eagle Ford (March 2017 – November 2017)

Land Technical Assistant II – Eagle Ford (June 2014 – March 2017)

- Responsible for assisting Eagle Ford Land Operations Team with development planning and maintenance of 125 pooled and
 retained acreage units. Preforming land evaluations prior to drill: review title and pursue curative to mitigate risks; navigate
 onerous lease provisions and amendments
- Work collaboratively with Eagle Ford Landmen, Well Delivery, Reservoir Engineering, Construction, Regulatory, and Drilling Engineering teams to plan for optimal new development locations
- Assisted with drilling roughly 100 wells, representing over \$100 billion in capital investment
- Propose and track AFEs to WI partners and work with JV Accounting to facilitate timely and accurate cash calls
- Draft and negotiate ancillary land agreements with landowners, attorneys, WI partners, Counties, and State of Texas: Surface
 and Subsurface Easements, Production Sharing and Production Allocation Agreements to maximize EUR and avoid stranding
 reserves, JOAs, Assignments, Lease and Unit Agreements
- Manage and provide GLO notifications pursuant to State Agreement provisions
- Manage and secure necessary well permitting waivers: Work with Regulatory and offsetting operators to obtain/grant SWR 37 waivers and off-lease point of penetration waivers

Cathexis Oil & Gas, LLC August 2012- March 2014

Land Tech I (Eagle Ford and Haynesville)

- Assist brokers with locating landowners, determining ownership in county court houses
- Coordinate and review Oil & Gas leases, Joint Operating Agreements, Assignments, Unitization Agreements, Rights-of- Way, Title Opinions, Contact Exhibits, and other various ancillary contracts

EDUCATION & AFFILIATIONS

University of Houston – Downtown

Degree Completed: May 2016

Bachelor of Business Administration, International Business with PLM minor

AAPL

Active Member August 2016 - Current

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

¹ API Numbe	¹ API Number		³ Pool Name					
		64560	WILSON; BONE SPRING					
⁴ Property Code		5 Pr	operty Name	⁶ Well Number				
		OUTLAND 18	37 STATE COM	112H				
⁷ OGRID No.		8 O _l	⁹ Elevation					
372137		EARTHSTONE	EARTHSTONE OPERATING, LLC.					

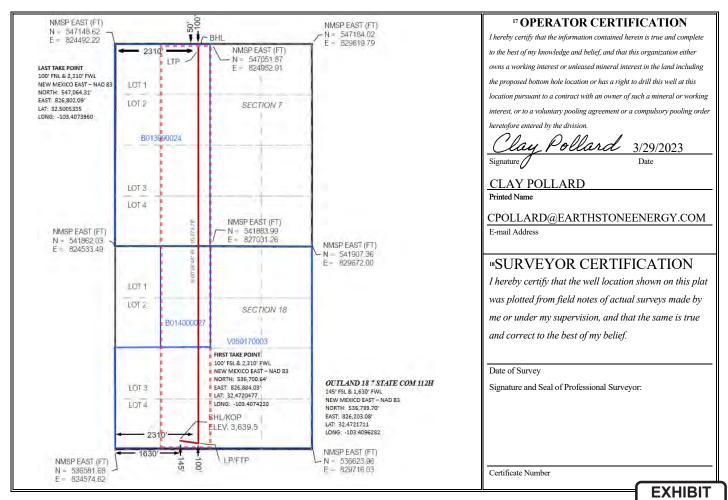
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	21 S	35 E		145	SOUTH	OUTH 1630		LEA
•	•		D	TT 1	T . T	D:00 + E	C C		

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Townshi	ip Rang	Lot	Idn	Feet from the	North/South line	Feet from the	East/West line	County		
C	7	21 S		C		50	NORTH	2310	WEST	LEA		
12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.		rder No.										
320												

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.



Intent	:	As Dril	led												
API#]												
Operator Name: EARTHSTONE OPERATING, LLC							perty N			TATE	E CC)M		Well Number 112H	
Kick C	off Point	(KOP)													
UL N	Section 18	Township 21S	Range 35E	Lot	Feet 145		From N		Feet 163		From	n E/W ST	County LEA		
Latitu			002		Longitu 103.4				1.00		1	<u></u>	NAD 83		
	ake Poin				1										
UL N	Section 18	Township 21S	Range 35E	Lot	Feet 100		From N		Feet		From	n E/W ST	County LEA		
Latitu	l .				Longitu 103.4				1-0.		1		NAD 83		
Last T	ake Poin	t (LTP)													
UL C	Section 7	Township 21S	Range 35E	Lot	Feet 100		m N/S RTH	Feet		From WES		Count LEA	Ту		
Latitu 32.5	de 500533	55		1	Longitu 103.4		3960	•				NAD 83			
		defining v	vell for th	e Horiz	zontal Sp	pacing	g Unit?								
		lease provi ncing Unit.	de API if	availab	ile, Oper	rator	Name	and v	vell n	umbe	r for [Definir	ng well fo	r	
Operator Name:													Well Number 06/29/2018		

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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811 S. First St., Artesia, NM 88210
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Phone: (505) 334-6178 Fax: (505) 334-6170
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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

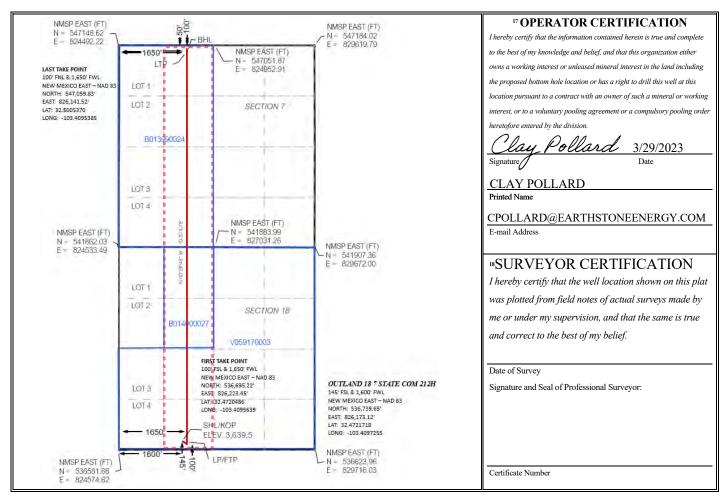
¹ API Number		² Pool Code	³ Pool Name					
		64560	WILSON; BONE SPRI	ING				
⁴ Property Code		5 Pr	⁶ Well Number					
		OUTLAND 18	37 STATE COM	212H				
⁷ OGRID No.		8 O _l	⁹ Elevation					
372137		EARTHSTONE	3639.5					

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	Feet from the North/South line		East/West line	County	
N	18	21 S	35 E		145	SOUTH	SOUTH 1600		LEA	
" Bottom Hole Location If Different From Surface										

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the East/West line County					
<u>C</u>	1 12 7 1	21.5	35 E	G . 150	50	NORTH	1650	WEST	LEA			
12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.												
320												

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.

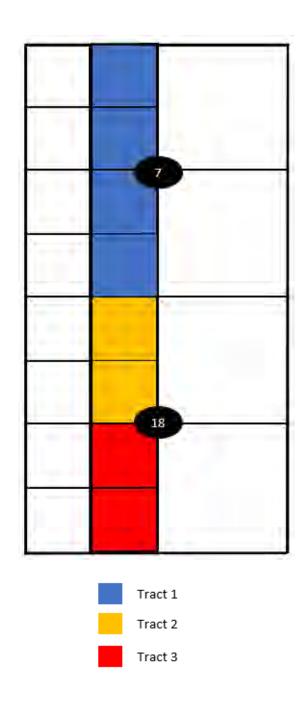


Inten	t	As Dril	led											
API#	!													
	rator Na	me: ONE OPI	С		perty N			TATE	E CC)M		Well Number 212H		
Kick (Off Point	(KOP)												
UL N	Section 18	Township 21S	Range 35E	Lot	Feet 145		From N		Feet		From	n E/W ST	County LEA	
Latitu 32.4	ude 472171	8			Longitu 103.4		7255						NAD 83	
First	Гаke Poir	nt (FTP)											l	
UL N	Section 18	Township 21S	Range 35E	Lot	Feet 100		From N SOUT		Feet 1650		From	n E/W ST	County LEA	
Latitu 32.4	ude 472048	36			Longitu 103.4		5639						NAD 83	
Last T	Section	t (LTP) Township 21S	Range 35E	Lot	Feet 100		m N/S DRTH	Feet 165		From WES		Count LEA	:y	
Latitu	ude 500537		L		Longitu 103.4	ide						NAD 83		
		edefining v	vell for th	e Horiz	zontal Sp	oacin _,	g Unit?							
		lease prov acing Unit.	ide API if	availab	le, Oper	ator	Name	and v	vell n	umbei	for [Definir	ng well fo	r
API#	!													
Ope	Operator Name:						Property Name:							Well Number
													KZ	06/29/2018

Released to Imaging: 5/2/2023 5:00:21 PM

Outland 18-7 State Com 112H Outland 18-7 State Com 212H

E2W2 of Section 18, Township 21 South – Range 35 East E2W2 of Section 7, Township 21 South – Range 35 East Lea County, New Mexico



A-2

TRACT 1 OWNERSHIP (B0-1399-24)

Working Interest:

Earthstone Permian LLC	74.750125%	Uncommitted
Devon Energy Production Company, LP	25.000000%	Uncommitted
Timothy R. MacDonald	0.187500%	Uncommitted
Maverick Oil & Gas Corporation	<u>0.062375%</u>	Uncommitted
	100.000000%	

TRACT 2 OWNERSHIP (B0-1400-27)

Working Interest:

Earthstone Permian LLC	74.812500%	Uncommitted
Devon Energy Production Company, LP	25.000000%	Uncommitted
Timothy R. MacDonald	0.140625%	Uncommitted
Maverick Oil & Gas Corporation	<u>0.046875%</u>	Uncommitted
	100.000000%	

TRACT 3 OWNERSHIP (V0-5917-3)

Working Interest:

Earthstone Permian LLC	49.916666%	Uncommitted
Devon Energy Production Company, LP	50.000000%	Uncommitted
Timothy R. MacDonald	0.062500%	Uncommitted
Maverick Oil & Gas Corporation	<u>0.020834%</u>	Uncommitted
	100.000000%	

SPACING UNIT OWNERSHIP

Earthstone Permian LLC	68.5573540%
Devon Energy Production Company, LP	31.2500000%
Timothy R. MacDonald	0.1445310%
Maverick Oil & Gas Corporation	0.0481150%
	100.000000%

WI PARTIES TO POOL

Devon Energy Production Company, LP Timothy R. MacDonald Maverick Oil & Gas Corporation

ORRI PARTIES TO POOL

TWR IV, LLC

Beverly Jean Renfro Barr, Trustee of the Family Trust created U/W/O Richard Kevin Barr Nearburg Producing Company, for the benefit of Nearburg Producing Company Employee Fund

Uncommitted Working Interest Owners seeing to Compulsory Pool



EARTHSTONE Operating, LLC

1400 Woodloch Forest Drive, Suite 300 The Woodlands, TX 77380 Office: 281-298-4246

Fax: 832-823-0478

February 28, 2023

Delivery via Fed Ex

Maverick Oil & Gas Corp c/o Kimbrough Engineering Co 1001 W Wall Street Midland, TX 79701

Re: Proposed Horizontal Bone Spring Wells

Outland 18-7 State Com 111H

Outland 18-7 State Com 112H

Outland 18-7 State Com 113H

Outland 18-7 State Com 114H

Outland 18-7 State Com 212H

Outland 18-7 State Com 214H

Outland 18-7 State Com 221H

Outland 18-7 State Com 223H

E/2 & W/2 of Section 18-T21S-R35E &

E/2 & W/2 of Section 7-T21S-R35E

Lea County, New Mexico

To whom it may concern,

Earthstone Operating, LLC ("Earthstone") hereby proposes the drilling of eight horizontal wells to test the Bone Spring formation. Enclosed find an Authority for Expenditure ("AFE") for each subject well reflecting estimated costs to drill, test, complete and equip the well.

In connection with the above, please note the following:

- Outland 18-7 State Com 111H: 1st Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1570' FWL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 990' FWL of Section 7-21S-35E.
- Outland 18-7 State Com 112H: 1st Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1630' FWL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 2310' FWL of Section 7-21S-35E.
- Outland 18-7 State Com 113H: 1st Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1600' FEL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 1650' FEL of Section 7-21S-35E.



- Outland 18-7 State Com 114H: 1st Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1540' FEL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 330' FEL of Section 7-21S-35E.
- Outland 18-7 State Com 212H: 2nd Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1600' FWL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 1650' FWL of Section 7-21S-35E.
- Outland 18-7 State Com 214H: 2nd Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1570' FEL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 990' FEL of Section 7-21S-35E.
- Outland 18-7 State Com 221H: 2nd Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1540' FWL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 330' FWL of Section 7-21S-35E.
- Outland 18-7 State Com 223H: 2nd Bone Spring target to be drilled from a proposed legal surface hole location of 145' FSL & 1630' FEL of Section 18-21S-35E to a proposed bottom hole location of 50' FNL & 2310' FEL of Section 7-21S-35E.

Earthstone reserves the right to modify the SHL locations and drillings plans described above in order to address topography, cultural and/or environmental concerns, among other reasons. Earthstone will advise you of any such modifications.

Earthstone is proposing to drill this well under the terms of a modified 1989 AAPL form Operating Agreement covering the E/2 & W/2 of Section 18 and the E/2 & W/2 of Section 7, Township 21 South, Range 35 East, Lea County, New Mexico. Said Operating Agreement will name Earthstone Operating, LLC as Operator and will be made available for your review upon request.

Please indicate your election in the space provided below and return one (1) copy of this letter to the undersigned. Should you elect to participate, please also sign, and return one copy of each AFE.

If a response is not received within thirty (30) days from your receipt of this notice, Earthstone will begin filling pooling application(s) with the NMOCD.

Please feel free to contact the undersigned with any questions or concerns.

Sincerely,

Amanda Redfearn

Senior Landman

281-771-3048

amanda@earthstonenergy.com

Maverick Oi	& Gas	Corp
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By:	ick Oil & Gas Corp
Mayor	
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 223H . Non-consent/farmout/assign its interest in the Outland 18-7 State Com 223H , subject to acceptable terms.
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 221H . Non-consent/farmout/assign its interest in the Outland 18-7 State Com 221H , subject to acceptable terms.
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 214H . Non-consent/farmout/assign its interest in the Outland 18-7 State Com 214H , subject to acceptable terms.
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 212H . Non-consent/farmout/assign its interest in the Outland 18-7 State Com 212H , subject to acceptable terms.
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 114H . Non-consent/farmout/assign its interest in the Outland 18-7 State Com 114H , subject to acceptable terms.
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 113H . Non-consent/farmout/assign its interest in the Outland State Unit 13H , subject to acceptable terms.
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 112H . Non-consent/farmout/assign its interest in the Outland 18-7 State Com 112H , subject to acceptable terms.
	Participate for its proportionate share in the drilling & completion of the Outland 18-7 State Com 111H . Non-consent/farmout/assign its interest in the Outland 18-7 State Com 111H , subject to acceptable terms.



Earthstone Operating, LLC Statement of Estimated Well Cost

Project Description:

Estimate is for the drilling of a 2.0 mile 1st Bone Spring Sand lateral in Lea County, NM. 10-3/4" Surface casing will be set at 1,750' MD.The 1st Intermediate section will be 9-7/8" drilled through the Capitan Reef and 8-5/8" Casing set at 5,600 MD. A production interval will be drilled with OBM as a 7-7/8" curve, and 7-7/8" lateral to TD at approximately 19,000 MD; ~10,400 VS, 5.5" production casing will be run to surface.

			approximately 19,000	o MD , 10,400 vo. 0.0 production casing w	ill be ru	un to surface.
		Scheduled as 19 da	lys to Rig Release.			
	DRILLING INTANGIBLE			COMPLETION INTANGIBLE		
ACCOUNT CODE	ITEM DESCRIPTION	AMOUNT	ACCOUNT CODE	ITEM DESCRIPTION		AMOUNT
	EASE / STAKE / PERMIT	\$ 6,000	1432/ 10	LEASE / STAKE / PERMIT	\$	2,500
	NSPECTION OCATION AND ROADS	\$ 10,000 \$ 60,000	1432/ 20 1432/ 70	LOCATION AND ROADS COMPLETION/WORKOVER RIG	\$ \$	30,000 46,400
	SURFACE DAMAGES	\$ 22,500	1432/ 70	FUEL, POWER & WATER	s	430,000
	RIG MOBILIZATION	\$ 75,000	1432/110	TRUCKING/VACUUM TRUCK	s	30,000
	DAYWORK	\$ 704,000	1432/120	DRILLING/COMPLETION FLUIDS	\$	60,000
1420/ 80 E	BITS/ REAMERS	\$ 84,000	1432/150	ELECTRIC LOGGING/PERFORATING	\$	352,800
	FUEL, POWER & WATER	\$ 230,000	1432/170	EQUIPMENT/TOOL RENTALS	\$	390,000
	RUCKING/VACUUM TRUCK	\$ 55,000	1432/171	COMPLETION HOUSING	\$	19,600
	DRILLING/COMPLETION FLUIDS CEMENT AND PUMP SERVICE	\$ 277,000	1432/180	WELL STIMULATION WELL TEST SERVICES	\$	3,050,000
	CASING CREWS AND TOOLS	\$ 230,000 \$ 50,000	1432/181 1432/183	DIAGNOSTIC SERVICES	\$ \$	100,800 50,000
	ELECTRIC LOGGING/PERFORATING	\$ -	1432/190	SLICKLINE SERVICES	s	4,500
	MUD LOGGING	\$ 21,000	1432/195	CONTRACT LABOR	\$	15,000
1420/170 E	EQUIPMENT/TOOL RENTALS	\$ 119,000	1432/230	COILED TUBING SERVICES	\$	160,000
	DOWNHOLE RENTALS	\$ 76,000	1432/250	INSURANCE	\$	1,700
	WELL STIMULATION / TESTING	\$ -	1432/260	SUPERVISION/ENGINEERING	\$	70,000
	CLOSED LOOP SYS/CUTTINGS DISP	\$ 152,000	1432/280	PIT REMEDIATION	\$	20,000
	CONTRACT LABOR/CREW/ROUSTABOUT DIRECTION DRILLING/SURVEYING	\$ 10,000 \$ 228,000	1432/290 1432/310	MISCELLANEOUS FRESH WATER TRANSFER	\$ \$	12,500 90,000
	NSURANCE	\$ 10,000	1432/350	COMMUNICATIONS	s	3,800
	SUPERVISION/ENGINEERING	\$ 110,000	1432/412	ARTIFICIAL LIFT	\$	50,000
	ADMINISTRATIVE/OVERHEAD	\$ 7,000	1432/300	CONTINGENCIES	\$	193,960
1420/315 F	PARTS	\$ 15,000	1432/417	FRAC INCIDENTAL	\$	100,000
	COMMUNICATIONS	\$ 9,000				
1420/300	CONTINGENCY	\$ 52,500		-	1	
					1	
			сом	PLETION INTANGIBLE TOTAL	\$	5,283,560
					_	
-				COMPLETION TANGIBLE		
			ACCOUNT CODE	ITEM DESCRIPTION		AMOUNT
DRII	LING INTANGIBLE TOTAL	\$ 2,613,000	1433/300	VALVES/CONNECTIONS/FITTINGS	\$	55,000
DRIL	LING INTANGIBLE TOTAL	\$ 2,613,000	1433/320	FLOWLINE	\$	36,000
			1433/370	TUBING	\$	126,000
	DRILLING TANGIBLE	1	1433/400	WELLHEAD EQUIPMENT	\$	70,000
ACCOUNT CODE	ITEM DESCRIPTION	AMOUNT	1433/410	DOWNHOLE ARTIFICIAL LIFT EQUIP	\$	325,000
	CONDUCTOR CASING SURFACE CASING	\$ 30,000 \$ 175,000	1433/412 1433/417	SURFACE ARTIFICIAL LIFT EQUIP FRAC INCIDENTAL	\$ \$	80,000 300,000
	NTERMEDIATE CASING	\$ 393,000	1433/417	FRAC INCIDENTAL	3	300,000
	DRILLING LINERS	\$ -			1.	
	PRODUCTION CASING	\$ 839,000	COI	MPLETION TANGIBLE TOTAL	\$	992,000
1430/400	CASING HANGER/WELLHEAD EQUIP	\$ 55,000				
1430/405	DOWNHOLE TOOLS	\$ -		FACILITIES INTANGIBLE		
			ACCOUNT CODE	ITEM DESCRIPTION		AMOUNT
⊩			1450/ 20	LOCATION AND ROADS		5,000
n l			1450/90		\$	1.000
			1450/ 90 1450/110	FUEL, POWER & WATER TRUCKING/VACUUM TRUCK	\$ \$	
			1450/110	TRUCKING/VACUUM TRUCK	\$ \$ \$	10,000
					\$	10,000 40,000
			1450/110 1450/170	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL	\$	10,000 40,000
			1450/110 1450/170 1450/195	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR	\$ \$ \$	10,000 40,000 70,000 25,000
			1450/110 1450/170 1450/195 1450/260	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING	\$ \$ \$	10,000 40,000 70,000 25,000
			1450/110 1450/170 1450/195 1450/260 1450/290	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING	\$ \$ \$	10,000 40,000 70,000 25,000
			1450/110 1450/170 1450/195 1450/260 1450/290	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS	\$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000
			1450/110 1450/170 1450/195 1450/260 1450/290	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS	\$ \$ \$ \$	40,000 70,000 25,000 10,000
			1450/110 1450/170 1450/195 1450/260 1450/290	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL	\$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000
			1450/110 1450/170 1450/195 1450/250 1450/290	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE	\$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000
			1450/110 1450/170 1450/195 1450/250 1450/290 FAC	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION	\$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000
			1450/110 1450/170 1450/195 1450/250 1450/290 FAC ACCOUNT CODE 1452/300 1452/315 1452/320	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000
			1450/110 1450/170 1450/195 1450/260 1450/290 FAC ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENCINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 150,000
			1450/110 1450/170 1450/195 1450/250 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/340	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONIENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,0000 25,000
			1450/110 1450/170 1450/195 1450/290 1450/290 FAC ACCOUNT CODE 1452/201 1452/215 1452/230 1452/230 1452/246	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 150,000 150,000 150,000
			1450/110 1450/170 1450/195 1450/260 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/340 1452/340 1452/346	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 150,000 150,000 69,000
			1450/110 1450/170 1450/195 1450/250 1450/250 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/346 1452/346 1452/360 1452/360	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 25,000 69,000 69,000 50,000
			1450/110 1450/170 1450/195 1450/250 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/346 1452/346 1452/380 1452/380	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONIENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOOK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES FACILITIES FACILITIES FACILITIES FACILITIES FACILITIES	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 25,000 69,000 69,000 50,000 15,000 69,000 15,000
			1450/110 1450/170 1450/195 1450/250 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/346 1452/346 1452/380 1452/380	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONIENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 25,000 69,000 69,000 50,000 15,000 69,000 15,000
DRI	ILLING TANGIBLE TOTAL	\$ 1,492,000	1450/110 1450/170 1450/195 1450/250 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/346 1452/346 1452/380 1452/380	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONIENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOOK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES FACILITIES FACILITIES FACILITIES FACILITIES FACILITIES	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 70,000 150,000 150,000 15,000 559,000
	ILLING TANGIBLE TOTAL AL DRILLING COSTS	\$ 1,492,000	1450/110 1450/170 1450/195 1450/260 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES CILITIES TANGIBLE TOTAL	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 70,000 150,000 150,000 15,000 559,000
			1450/110 1450/170 1450/195 1450/290 1450/290 FAC ACCOUNT CODE 1452/300 1452/315 1452/315 1452/316 1452/340 1452/340 1452/380 1452/390 FAC TOTAL CON	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES CILITIES TANGIBLE TOTAL FACILITIES TOTAL	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 69,000 559,000 720,000
TOTA			1450/110 1450/170 1450/195 1450/250 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES TOTAL FACILITIES TOTAL IPLETION/FACILITIES COSTS ESTIMATED WELL COST	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 69,000 55,000 55,000 720,000
TOTA		\$ 4,105,000	1450/110 1450/170 1450/195 1450/250 1450/250 1450/290 FAC ACCOUNT CODE 1452/300 1452/315 1452/320 1452/320 1452/340 1452/340 1452/340 1452/340 1452/380 1452/380 1452/380 1452/380 1452/380 1452/380 1452/380 1452/380	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES TOTAL FACILITIES TOTAL IPLETION/FACILITIES COSTS ESTIMATED WELL COST	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 161,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 69,000 559,000 720,000 720,000 11,100,560
TOTA			1450/110 1450/170 1450/195 1450/250 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340 1452/340	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES TOTAL FACILITIES TOTAL IPLETION/FACILITIES COSTS ESTIMATED WELL COST	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 69,000 55,000 55,000 720,000
TOTA		\$ 4,105,000	1450/110 1450/170 1450/195 1450/250 1450/250 1450/290 FAC ACCOUNT CODE 1452/300 1452/315 1452/320 1452/320 1452/340 1452/340 1452/340 1452/340 1452/380 1452/380 1452/380 1452/380 1452/380 1452/380 1452/380 1452/380	TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES TOTAL FACILITIES TOTAL IPLETION/FACILITIES COSTS ESTIMATED WELL COST	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 150,000 69,000 15,000 720,000 720,000 15,000 15,000 15,000 11,100,560



Earthstone Operating, LLC Statement of Estimated Well Cost

Location: Lea Co., NM

AFE #: 23 - XX - XXXX

Estimate is for the drilling of a 2.0 mile 2nd Bone Spring Sand lateral in Lea County, NM. 10-3/4" Surface casing will be set at 1,750' MD.The 1st Intermediate section will be 9-7/8" drilled through the Capitan Reef and 8-5/8" Casing set at 5,600' MD. A production interval will be drilled with OBM as a 7-7/8" curve, and 7-7/8" lateral to TD at approximately 20,000 MD', ~10,400' VS. 5.5" production casing will be run to surface. Scheduled as 20 days to Rig Release.

			ys to Rig Release.			
	DRILLING INTANGIBLE			COMPLETION INTANGIBLE		
ACCOUNT CODE	ITEM DESCRIPTION	AMOUNT	ACCOUNT CODE	ITEM DESCRIPTION		AMOUNT
1420/ 10	LEASE / STAKE / PERMIT	\$ 6,000	1432/ 10	LEASE / STAKE / PERMIT	\$	2,500
1420/ 16	INSPECTION	\$ 10,000	1432/ 20	LOCATION AND ROADS	\$	30,000
1420/ 20	LOCATION AND ROADS	\$ 60,000	1432/70	COMPLETION/WORKOVER RIG	\$	46,400
1420/ 25	SURFACE DAMAGES	\$ 22,500	1432/ 90	FUEL, POWER & WATER	\$	430,000
1420/ 30	RIG MOBILIZATION	\$ 75,000	1432/110	TRUCKING/VACUUM TRUCK	\$	30,000
1420/ 50	DAYWORK	\$ 736,000	1432/120	DRILLING/COMPLETION FLUIDS	\$	60,000
1420/ 80	BITS/ REAMERS	\$ 84,000	1432/150	ELECTRIC LOGGING/PERFORATING	\$	352,800
1420/ 90	FUEL, POWER & WATER	\$ 238,000	1432/170	EQUIPMENT/TOOL RENTALS	\$	390,000
1420/110	TRUCKING/VACUUM TRUCK DRILLING/COMPLETION FLUIDS	\$ 55,000	1432/171	COMPLETION HOUSING	\$	19,600 3,050,000
1420/120 1420/130	CEMENT AND PUMP SERVICE	\$ 296,000 \$ 230,000	1432/180 1432/181	WELL STIMULATION WELL TEST SERVICES	\$	100,800
1420/140	CASING CREWS AND TOOLS	\$ 50,000	1432/183	DIAGNOSTIC SERVICES	s	50,000
1420/150	ELECTRIC LOGGING/PERFORATING	\$ -	1432/190	SLICKLINE SERVICES	s	4,500
1420/160	MUD LOGGING	\$ 23,000	1432/195	CONTRACT LABOR	\$	15,000
1420/170	EQUIPMENT/TOOL RENTALS	\$ 125,000	1432/230	COILED TUBING SERVICES	\$	160,000
1420/174	DOWNHOLE RENTALS	\$ 80,000	1432/250	INSURANCE	\$	1,700
1420/180	WELL STIMULATION / TESTING	\$ -	1432/260	SUPERVISION/ENGINEERING	\$	70,000
1420/186	CLOSED LOOP SYS/CUTTINGS DISP	\$ 160,000	1432/280	PIT REMEDIATION	\$	20,000
1420/195	CONTRACT LABOR/CREW/ROUSTABOUT	\$ 10,000	1432/290	MISCELLANEOUS	\$	12,500
1420/200	DIRECTION DRILLING/SURVEYING	\$ 237,000	1432/310	FRESH WATER TRANSFER	\$	90,000
1420/250	INSURANCE	\$ 10,000	1432/350	COMMUNICATIONS	\$	3,800
1420/260	SUPERVISION/ENGINEERING	\$ 115,000	1432/412	ARTIFICIAL LIFT	\$	50,000
1420/270	ADMINISTRATIVE/OVERHEAD PARTS	\$ 7,000 \$ 15,000	1432/300 1432/417	CONTINGENCIES FRAC INCIDENTAL	\$	193,960
1420/315 1420/350	COMMUNICATIONS	\$ 15,000	1432/41/	I INO INCIDENTAL	3	100,000
1420/300	CONTINGENCY	\$ 54,500			1	
20,000		5 54,300			1	
			COM	PLETION INTANGIBLE TOTAL	\$	5,283,560
				COMPLETION TANGIBLE		
			ACCOUNT CODE	ITEM DESCRIPTION		AMOUNT
DF	RILLING INTANGIBLE TOTAL	\$ 2,708,000	1433/300	VALVES/CONNECTIONS/FITTINGS	\$	55,000
		-,,	1433/320	FLOWLINE	\$	36,000
			1433/370	TUBING	\$	126,000
	DRILLING TANGIBLE		1433/400	WELLHEAD EQUIPMENT	\$	50,000
ACCOUNT CODE	ITEM DESCRIPTION	AMOUNT	1433/410	DOWNHOLE ARTIFICIAL LIFT EQUIP	\$	325,000
1430/310	CONDUCTOR CASING	\$ 30,000	1433/412	SURFACE ARTIFICIAL LIFT EQUIP	\$	80,000
1430/320 1430/330	SURFACE CASING INTERMEDIATE CASING	\$ 175,000 \$ 393,000	1433/417	FRAC INCIDENTAL	\$	300,000
1430/340	DRILLING LINERS	\$ -			+	
1430/350	PRODUCTION CASING	\$ 882,000	cor	MPLETION TANGIBLE TOTAL	\$	972,000
1430/400	CASING HANGER/WELLHEAD EQUIP	\$ 55,000				
1430/405	DOWNHOLE TOOLS			FACILITIES INTANGIBLE		
1430/405		\$ -				
1430/405		-	ACCOUNT CODE	ITEM DESCRIPTION		AMOUNT
1430/405		\$ -	1450/ 20	LOCATION AND ROADS	\$	5,000
1430/405		5 -	1450/ 20 1450/ 90	LOCATION AND ROADS FUEL, POWER & WATER	\$	5,000 1,000
14-30/405		-	1450/ 20 1450/ 90 1450/110	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/VACUUM TRUCK	\$ \$ \$	5,000 1,000 10,000
14-30/405		5 -	1450/ 20 1450/ 90 1450/110 1450/170	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL	\$	5,000 1,000 10,000 40,000
14304403		-	1450/ 20 1450/ 90 1450/110 1450/170 1450/195	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR	\$ \$ \$	5,000 1,000 10,000 40,000 70,000
1430/400		5 -	1450/ 20 1450/ 90 1450/110 1450/170 1450/195 1450/260	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING	\$	5,000 1,000 10,000 40,000 70,000 25,000
1430/400			1450/ 20 1450/ 90 1450/110 1450/170 1450/195	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR	\$ \$ \$	5,000 1,000 10,000 40,000 70,000
1430/483			1450/ 20 1450/ 90 1450/110 1450/170 1450/195 1450/260 1450/290	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGNACUPM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS	\$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000
1430/485		5	1450/ 20 1450/ 90 1450/110 1450/170 1450/195 1450/260 1450/290	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING	\$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000
114301403		-	1450/ 20 1450/ 90 1450/110 1450/170 1450/195 1450/260 1450/290	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGNACUPM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS	\$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000
14-30/493		5	1450/ 20 1450/ 90 1450/110 1450/170 1450/195 1450/260 1450/290	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGNACUPM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS	\$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000
14-00-455			1450/20 1450/90 1450/10 1450/10 1450/170 1450/195 1450/290 FAC	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/NACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION	\$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000
14-00-455		5	1450/ 20 1450/ 90 1450/ 10 1450/ 10 1450/ 170 1450/ 195 1450/ 290 FAG ACCOUNT CODE 1452/ 300	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/ACUIM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS	\$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000
114301483			1450/ 20 1450/ 90 1450/110 1450/170 1450/195 1450/290 FA(ACCOUNT CODE 1452/300 1452/315	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/VACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT	\$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000
1100/1100			1450/20 1450/90 1450/10 1450/10 1450/170 1450/195 1450/260 1450/290 FAC ACCOUNT CODE 1452/305 1452/315 1452/320	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/ACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER ROUDEMENT AUTOMATION	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000
14-30/493			1450/ 20 1450/ 90 1450/ 10 1450/ 10 1450/ 170 1450/ 195 1450/ 290 1450/ 290 FAG ACCOUNT CODE 1452/ 300 1452/ 315 1452/ 320 1452/ 330	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/ACJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT	\$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000
14-30/493			1450/ 20 1450/ 20 1450/ 40 1450/ 40 1450/ 40 1450/ 40 1450/ 20 1450/ 20 1450/ 20 1450/ 20 1450/ 20 1452/ 30 1452/ 30 1452/ 30 1452/ 30	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/ACJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ERGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000
11000100			1450/20 1450/90 1450/10 1450/10 1450/170 1450/170 1450/195 1450/290 FAC ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/340 1452/345	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONE/NEINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER ROUD/FMINT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 10,000 10,000
1100111111			1450/ 20 1450/ 20 1450/ 40 1450/ 40 1450/ 40 1450/ 40 1450/ 20 1450/ 20 1450/ 20 1450/ 20 1450/ 20 1452/ 30 1452/ 30 1452/ 30 1452/ 30	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 25,000 60,000 60,000
14-30/493			1450/20 1450/30 1450/10 1450/10 1450/170 1450/195 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/340 1452/340	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONE/NEINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER ROUD/FMINT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 25,000 105,000 69,000 50,000
14-30/493			1450/20 1450/10 1450/10 1450/10 1450/10 1450/195 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/345 1452/345 1452/380 1452/380	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOOK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$,000 1,000 40,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 15,000 50,000
11-301-103			1450/20 1450/10 1450/10 1450/10 1450/10 1450/195 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/345 1452/345 1452/380 1452/380	LOCATION AND ROADS FUEL, POWER & WATER TRUCKING/ACJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOOK TANKS ELECTRICAL EQUIPMENT & SUPPLIES	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 15,000 69,000 50,000
	RILLING TANGIBLE TOTAL	\$ 1,535,000	1450/20 1450/10 1450/10 1450/10 1450/10 1450/195 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/320 1452/330 1452/345 1452/345 1452/380 1452/380	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOOK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000 1,000 10,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 50,000 155,000 409,000
D			1450/20 1450/10 1450/10 1450/10 1450/170 1450/195 1450/290 FA(ACCOUNT CODE 1452/300 1452/315 1452/340 1452/340 1452/340 1452/380 1452/390	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISIONE/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES CILITIES TANGIBLE TOTAL	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$,000 1,000 1,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 105,000 155,000 409,000
D	RILLING TANGIBLE TOTAL	\$ 1,535,000	1450/20 1450/10 1450/10 1450/10 1450/170 1450/195 1450/290 FAC ACCOUNT CODE 1452/200 1452/230 1452/230 1452/230 1452/230 1452/230 1452/230 1452/236 1452/2360 1452/2380 1452/2380 1452/2390 FA	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES TANGIBLE TOTAL FACILITIES TANGIBLE TOTAL FACILITIES TANGIBLE TOTAL	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$,000 1,000 1,000 40,000 70,000 25,000 10,000 10,000 161,000 20,000 70,000 25,000 105,000 15,000 409,000 570,000
TOI	RILLING TANGIBLE TOTAL	\$ 1,535,000	1450/20 1450/10 1450/10 1450/10 1450/170 1450/195 1450/290 FAG ACCOUNT CODE 1452/300 1452/315 1452/320 1452/340 1452/340 1452/380 1452/380 1452/390 FAG TOTAL CON	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES TANGIBLE TOTAL FACILITIES TOTAL IPLETTION/FACILITIES COSTS ESTIMATED WELL COST	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$,000 1,000 1,000 40,000 70,000 25,000 10,000 161,000 AMOUNT 55,000 20,000 70,000 69,000 409,000 570,000 570,000
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D TO1 Operator Approval Prepared By:	RILLING TANGIBLE TOTAL	\$ 1,535,000 \$ 4,243,000	1450/ 20 1450/ 20 1450/ 10 1450/ 10 1450/ 10 1450/ 10 1450/ 10 1450/ 195 1450/ 20 14	LOCATION AND ROADS FUEL, POWER & WATER TRUCKINGWACUJUM TRUCK EQUIPMENT/TOOL RENTAL CONTRACT LABOR SUPERVISION/ENGINEERING MISCELLANEOUS CILITIES INTANGIBLE TOTAL FACILITIES TANGIBLE ITEM DESCRIPTION VALVES/CONNECTIONS/FITTINGS METER EQUIPMENT AUTOMATION ACID GAS TREATMENT SEPARATORS HEATER TREATER STOCK TANKS ELECTRICAL EQUIPMENT & SUPPLIES FACILITIES TANGIBLE TOTAL FACILITIES TOTAL IPLETTION/FACILITIES COSTS ESTIMATED WELL COST	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$,000 1,000 1,000 40,000 70,000 10,000 10,000 10,000 161,000 25,000 20,000 70,000
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Project Description:



EARTHSTONE Operating, LLC

1400 Woodloch Forest Drive, Suite 300 The Woodlands, TX 77380 Office: 281-298-4246

Fax: 832-823-0478

March 30, 2023

<u>Delivery via Fed Ex</u>

Maverick Oil & Gas Corp c/o Kimbrough Engineering Co 1001 W Wall Street Midland, TX 79701

Re: Supplement to Well Proposal dated February 28, 2023

Outland 18-7 State Com 111H
Outland 18-7 State Com 112H
Outland 18-7 State Com 113H
Outland 18-7 State Com 114H
Outland 18-7 State Com 212H
Outland 18-7 State Com 214H
Outland 18-7 State Com 221H
Outland 18-7 State Com 223H

E/2 & W/2 of Section 18-T21S-R35E & E/2 & W/2 of Section 7-T21S-R35E

Lea County, New Mexico

Dear Working Interest Owner,

Earthstone Operating, LLC is providing this Supplemental Letter ("Supplement") to be incorporated into the Well Proposal dated February 28, 2023 ("Well Proposal"), in order to provide the overhead rates for the wells.

Earthstone Operating, LLC proposes overhead rates of \$7500 per month while drilling, and \$750 per month during production.

The estimated SHL, BHL, Authority for Expenditure, and all other specifications remain unchanged for the wells proposed, and the original Well Proposal dated February 28, 2023, remains in effect subject to this Supplement.

Please feel free to contact the undersigned with any questions or concerns.

Sincerely,

Amanda Redfearn

Senior Landman

281-771-3048

amanda@earthstonenergy.com

Released to Imaging: 5/2/2023 5:00:21 PM

Chronology of Contact with Non-Joined Working Interests

Devon Energy Production CO LP Attn: Mr. Verl Brown 333 W Sheridan Ave Oklahoma City, OK 73102	Timothy R Macdonald 3003 Paleo Point College Station, TX 77845	Maverick Oil & Gas Corp C/O Kimbrough Engineering CO 1001 W Wall Street Midland, TX 79701	Company
771428141590	771429915731	771429932951	Proposal Tracking Number
771709867662	771709940360	771709914168	Supplemental Proposal Tracking Number
2/28/2023 3/30/2023	2/28/2023 3/30/2023	2/28/2023 3/30/2023	Proposal Sent Date
Wednesday 3/1/2023 at 10:11am Friday 3/31/2023 at 10:09am	Wednesday 3/1/2023 Friday 3/31/2023	Wednesday 3/1/2023 at 10:54am Friday 3/31/2023 at 10:55am	Proposal Sent Date Proposal Delivery Date
call email call	mail	call & email call	Contact
3/9/2023 3/15/2023 3/27/2023	3/6/2023	3/7/2023 3/30/2023	Date
Received phone call from Andrew Wenzel to discuss their interest and proposals received on 3/9. Discussions had with Andrew about exploring commerical options in lieu of participating on 3/15 via e-mail. Held joint ESTE/DVN Land team call to followup on previous commercial alternatives discussions on 3/27/23.	N/C election made on 3/2/2023	Received phone call from Ben Kimbrough to discuss their interest in the proposed wells. Elected to participate on 3/7/2023 via email.	Notes



TAB 3

Case No. 23476

Exhibit B: Self-Affirmed Statement of Jason J. Asmus, Geologist

Exhibit B-1: Structure Map

Exhibit B-2: 1st Bone Spring Sand Structure Exhibit B-3: 2nd Bone Spring Sand Structure

Exhibit B-4: Structural Cross-Section

Exhibit B-5: Gun Barrel View

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

APPLICATIONS OF EARTHSTONE OPERATING, LLC FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 23476

SELF-AFFIRMED STATEMENT OF JASON J. ASMUS

I, Jason J. Asmus, 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 Earthstone Operating, LLC ("Earthstone"), and I am familiar with the subject application and the geology involved.
- 3. I graduated in 2012 from Western Michigan University with a master's degree in Geology. I have worked at Earthstone Energy for approximately 1 year, and I have been working in New Mexico for 11 years. My credentials as a petroleum geologist have been accepted by the New Mexico Oil Conservation Division ("Division") and made a matter of record.
- 4. This affidavit is submitted in connection with the filing by Earthstone of the above-referenced compulsory pooling application pursuant to 19.15.4.12.A(1) NMAC.
 - 5. **Exhibit B-1** is a location map of the pooled unit area.
- 6. **Exhibit B-2** and **Exhibit B-3** are structure maps of the 1st and 2nd Bone Spring Ss with contour interval of 25'. The unit being pooled is outlined by red rectangle.

EXHIBIT

The structure map shows that there is a regional down-dip to the West. I do not observe any faulting, pinchouts, or other geologic impediments to developing this targeted interval

- 7. **Exhibit B-4** is a structural cross-section from South to North. Each well in the cross-section contains a gamma ray and resistivity log. The cross-section demonstrates continuity of each target zone within the 1st and 2nd Bone Spring Ss Formations. The landing zones are outlined along the left edge of the cross-section.
- 8. An additional exhibit for the benefit of the Division's review include **Exhibit B-5**. **Exhibit B-5** is a gun barrel representation of the unit development plan.
 - 9. I conclude from the attached exhibits that:
 - 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.
- 10. The preferred well orientation in this area is North-South so that the wells run sub-perpendicular to the inferred orientation of the maximum horizontal stress.
- 11. The Exhibits to this Affidavit were prepared by me or compiled from Earthstone's company business records under my direct supervision.
- 12. The granting of this Application is in the interests of conservation, the prevention of waste and the drilling of unnecessary wells, and the protection of correlative rights.

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

[Signature page follows]

Signature page of Self-Affirmed Statement of [Jason J. Asmus]:

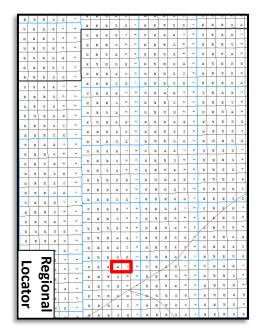
I understand that this Self-Affirmed Statement will be used as written testimony before the Division in Case Nos. 23476 and affirm that my testimony herein is true and correct, to the best of my knowledge and belief and made under penalty of perjury under the laws of the State of New Mexico.

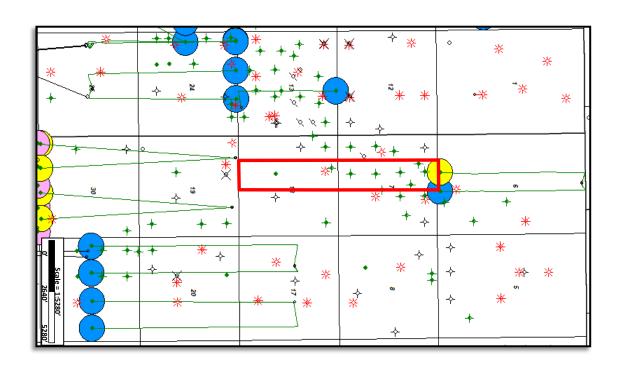
[Jason J. Asmus]

4-26e-2023

Date Signed

- 3 rd Bone Spring Sand	- 2 nd Bone Spring Sand	- 1 st Bone Spring Sand









2 2 2

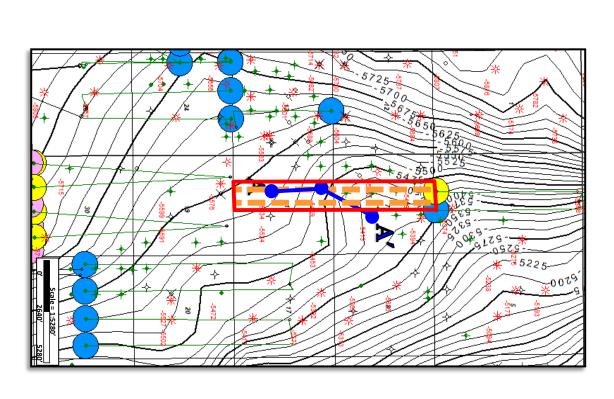
Regional Locator

Exhibit B-2 1st Bone Spring Sand Structure (SSTVD): Contour Interval = 25'



 $oxedsymbol{oxedsymbol{1}}$ - $oldsymbol{1}^{ ext{st}}$ Bone Spring Sand - 2nd Bone Spring Sand

- 3rd Bone Spring Sand







g<mark>e 4</mark>0 of (

Exhibit B-3 2nd Bone Spring Sand Structure (SSTVD): Contour Interval = 25'



- 3rd Bone Spring Sand

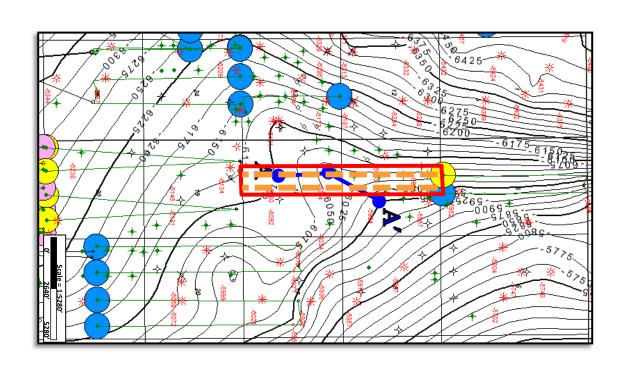






Exhibit B-4 Structural Cross Section A-A': 1st - 2nd Bone Spring Sand

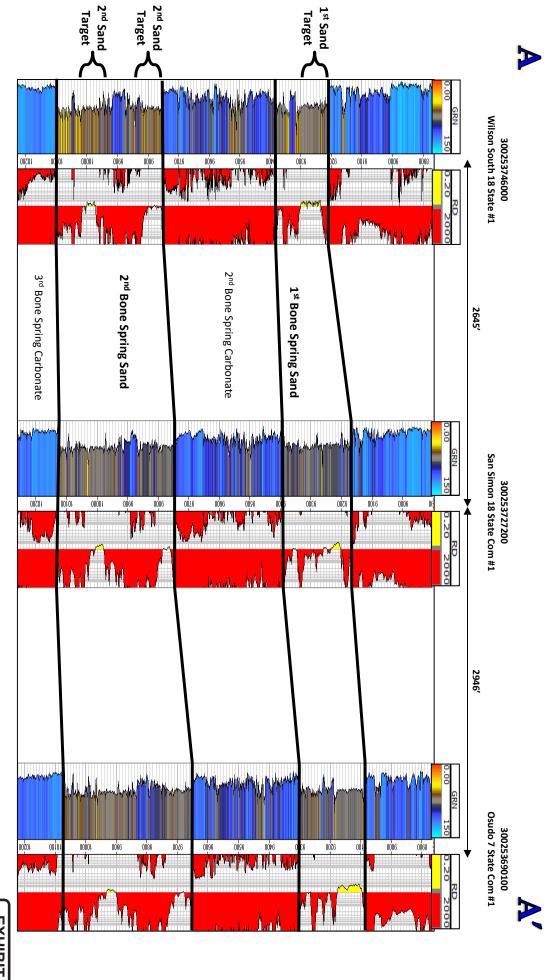
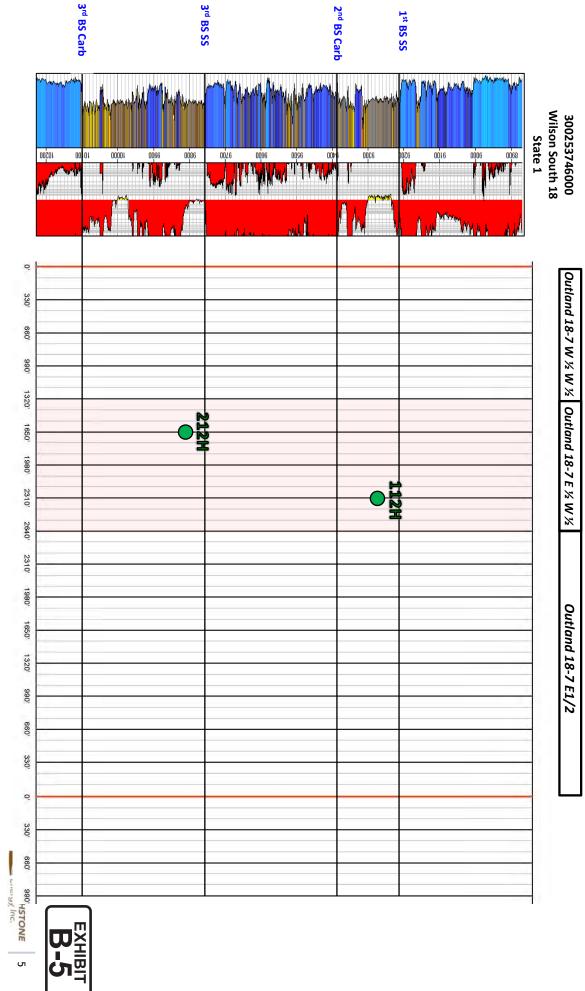


Exhibit B-5 Gun Barrel Development Proposal



Released to Imaging: 5/2/2023 5:00:21 PM

TAB 4

Case No. 23476

Exhibit C: Self-Affirmed Statement of Notice, Darin C. Savage

Exhibit C-1: Notice Letters Exhibit C-2: Mailing List

Exhibit C-3: Affidavit of Publication

Exhibit C-4: Curative Notice Letter and Publication

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

APPLICATION OF EARTHSTONE OPERATING, LLC, FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 23476

SELF-AFFIRMED STATEMENT OF NOTICE

STATE OF NEW MEXICO)	
)	SS
COUNTY OF SANTA FE)	

- I, Darin C. Savage, attorney and authorized representative of Earthstone Operating, LLC, ("Earthstone"), the Applicant herein, being first duly sworn, upon oath, states the following:
- 1. Notice of the applications and hearing in the above-reference cases was timely sent for by certified mail, return receipt requested, through the United States Postal Service on April 13, 2023, to all uncommitted working interest owners sought to be pooled in this proceeding. *See* Exhibit C-2, attached hereto. Copies of notice letters and evidence of mailing to parties are attached hereto as Exhibits C-1 and C-2.
- 2. Notice was sent to the Hobbs News Sun, a newspaper of general circulation in Lea County, New Mexico, and timely published in said newspaper on April 18, 2023. See Exhibit C-3.
- 3. However, during additional review of the title, Earthstone discovered one additional ORRI owner, TWR IV, LLC ("TWR") who was not accounted for in the initial letter notices and publication notice. Therefore, Earthstone sent an additional letter notice to TWR on April 28, 2023, and did a revised publication notice with the addition of TWR that was published on May 3, 2023. *See* attached as Exhibit C-4.



4. It is my understanding that Earthstone has made a reasonably diligent effort to find the names and addresses for the interest owners entitled to receive notice of the application and case herein.

[Signature page follows]

Signature page of Self-Affirmed Statement of Darin C. Savage:

I understand that this Self-Affirmed Statement will be used as written testimony before the Division in Case No. 23476 and affirm that my testimony herein is true and correct, to the best of my knowledge and belief and made under penalty of perjury under the laws of the State of New Mexico.

Darin Savage

Date Signed



ABADIE I SCHILL PC

Colorado New Mexico
Louisiana Texas
Nebraska Kansas
Montana Wyoming
Oklahoma California
North Dakota

April 13, 2023

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Earthstone Operating, LLC, for a horizontal spacing unit and compulsory pooling, Lea County, New Mexico Outland 18-7 State Com 112H Well (Case No. 23476)

Outland 18-7 State Com 212H Well (Case No. 23476)

Case Nos. 23476:

Dear Interest Owners:

This letter is to advise you that Earthstone Operating, LLC ("Earthstone"), has filed the enclosed application, Case No. 23476, with the New Mexico Oil Conservation Division ("Division") for the compulsory pooling of units in the Bone Spring formation.

In Case No. 23476, Earthstone seeks to pool the Bone Spring formation underlying the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New Mexico, a standard unit encompassing 320 acres, more or less, dedicated to the above-referenced 112H and 212H Wells.

A hearing has been requested before a Division Examiner on May 4, 2023, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m., traditionally in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. However, under current Division policies, the hearing will be conducted remotely online. For information about remote access and status of the case, you can visit the Division's website at: https://www.emnrd.nm.gov/ocd/hearing-info/ or call (505) 476-3441.

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O: 970.385.4401 • F: 970.385.4901



You are being notified as an interest owner (subject to title examination) and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Prehearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address 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 this matter, please contact Amanda Redfearn at (281) 771-3048 or at amanda@earthstoneenergy.com.

Sincerely,

Darin C. Savage

Attorney for Earthstone Operating, LLC

Transaction Report Details - CertifiedPro.net Date Created- 4/13/2023 - 4/13/2023 Generated: 5/2/2023 10:29:15 AM										
USPS Article Number	Date Mailed Reference Number	r Name 1	Name 2	Address1	City	State	Zip	Mailing Status	Mail Service Type	
9314869904300106669716	4/13/2023 4221.4	New Mexico State Land Office		310 Old Santa Fe Trail	Santa Fe	NM	87501	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300106669709	4/13/2024 4221.4	Beverly Jean Renfro Barr	Trustee of the Family Trust	804 Park Vista Circle	Soutlake	TX	76092	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300106669693	4/13/2025 4221.4	Cynthia Mae Wilson	Trustee Bypass Trust dated 7/17/2012	11644 Blalock Lane	Houston	TX	77024	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300106669686	4/13/2026 4221.4	Timothy R. Macdonald		3003 Paleo Point	College Station	TX	77845	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300106669679	4/13/2027 4221.4	Maverick Oil & Gas Corp	C/O Kimbrough Engineering Co.	1001 W Wall Street	Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	





April 18, 2023

Dear Covius Document Services:

The following is in response to your request for proof of delivery on your item with the tracking number: 9314 8699 0430 0106 6696 79.

Item Details

Status:Delivered, Left with IndividualStatus Date / Time:April 17, 2023, 10:50 a.m.Location:MIDLAND, TX 79701

Postal Product: First-Class Mail® Extra Services: Certified Mail™

Return Receipt Electronic

Recipient Name: Maverick Oil Gas Corp C O Kimbrough Engineerin

Shipment Details

Weight: 3.0oz

Destination Delivery Address

Street Address: 1001 W WALL ST

City, State ZIP Code: MIDLAND, TX 79701-6637

Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.



April 18, 2023

Dear Covius Document Services:

The following is in response to your request for proof of delivery on your item with the tracking number: 9314 8699 0430 0106 6696 86.

Item Details

Status: Delivered, Left with Individual Status Date / Time: April 17, 2023, 12:39 p.m.

Location: COLLEGE STATION, TX 77845

Postal Product: First-Class Mail®
Extra Services: Certified Mail™

Return Receipt Electronic

Recipient Name: Timothy R Macdonald

Shipment Details

Weight: 3.0oz

Destination Delivery Address

Street Address: 3003 PALEO PT

City, State ZIP Code: COLLEGE STATION, TX 77845-6153

Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.



April 21, 2023

Dear Covius Document Services:

The following is in response to your request for proof of delivery on your item with the tracking number: 9314 8699 0430 0106 6696 93.

Item Details

Status:Delivered, Left with IndividualStatus Date / Time:April 20, 2023, 05:37 p.m.Location:HOUSTON, TX 77024

Postal Product: First-Class Mail®
Extra Services: Certified Mail™

Return Receipt Electronic

Recipient Name: Cynthia Mae Wilson Trustee Bypass Trust dated 7

Shipment Details

Weight: 3.0oz

Destination Delivery Address

Street Address: 11644 BLALOCK LN

City, State ZIP Code: HOUSTON, TX 77024-7305

Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.



April 18, 2023

Dear Covius Document Services:

The following is in response to your request for proof of delivery on your item with the tracking number: 9314 8699 0430 0106 6697 09.

Item Details

Status: Delivered, Left with Individual Status Date / Time: April 17, 2023, 01:36 p.m.

Location: SOUTHLAKE, TX 76092

Postal Product: First-Class Mail®
Extra Services: Certified Mail™

Return Receipt Electronic

Recipient Name: Beverly Jean Renfro Barr Trustee of the Family T

Shipment Details

Weight: 3.0oz

Destination Delivery Address

Street Address: 804 PARK VISTA CIR

City, State ZIP Code: SOUTHLAKE, TX 76092-4342

Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.



April 19, 2023

Dear Covius Document Services:

The following is in response to your request for proof of delivery on your item with the tracking number: 9314 8699 0430 0106 6697 16.

Item Details

Status: Delivered to Agent for Final Delivery

Status Date / Time: April 18, 2023, 06:48 a.m.
Location: SANTA FE, NM 87501

Postal Product: First-Class Mail®
Extra Services: Certified Mail™

Return Receipt Electronic

Recipient Name: New Mexico State Land Office

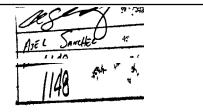
Shipment Details

Weight: 3.0oz

Recipient Signature

Signature of Recipient: (Authorized Agent)

Address of Recipient:



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.

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 April 18, 2023 and ending with the issue dated April 18, 2023.

Publisher

Sworn and subscribed to before me this 18th day of April 2023.

Notary

My commission expires August 09, 2025

(Seal)

PAULA GUELL Notary Public - State of New Mexico Commission # 1135156 My Comm. Expires Aug 9, 2025

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 April 18, 2023

CASE No. 23476: Notice — to all parties and persons having any right, title, Interest or claim in this case, including owners of working interest, overriding royalty Interest, and record title, among others, whether such parties or persons are listed herein or not, as well as notice to all known and unknown heirs, devisees, assigns and successors of such affected parties and persons, which based on reasonable diligence include MAVERICK OIL & GAS CORP.; TIMOTHY R. MACDONALD; CYNTHIA MAE WILSON, TRUSTEE OF THE BYPASS TRUST, CREATED BY THE WILL OF SCOTT EVANS DATED 7/17/12; and BEVERLY JEAN RENFRO BARR, TRUSTEE OF THE FAMILY TRUST CREATED BY THE WILL OF RICHARD KEVIN BARR; of EARTHSTONE OPERATING, LLC's application for approval of a spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division Examiner will conduct a public hearing at 8:15 a.m. on May 4, 2023, traditionally held at 1220 S. St. Francis, Santa Fe, New Mexico, 87505. However, under current Division policies, the hearing will be conducted remotely online. For information about remote access and the status of the case, you can visit the Division's website at: https://www.emnrd.nm.gov/ocd/hearing-info/ or call (505) 476-3441. Earthstone Operating LLC, at 1400 Woodloch Forest Dr., Suite 300, The Woodlands, TX 77380, seeks an order from the Division: (1) establishing a standard 320.00-acre, more or less, spacing and proration unit comprised of the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Bone Spring formation, designated as an oil pool, underlying the unit. Sections 7 and 18 are irregular with correction lots but there are no such lots in the proposed unit. The proposed wells to be dedicated to the horizontal spacing unit are the Outland 18-7 State Com 112H Well and the Outland 18-7 State Com 212H Well, both oil wells, to be horizontally drilled from a

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DAVID SESSIONS ABADIE SCHILL 555 RIVERGATE LANE 84-180 DURANGO, CO 81301

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ABADIE I SCHILL PC

Colorado New Mexico
Louisiana Texas
Nebraska Kansas
Montana Wyoming
Oklahoma California
North Dakota

April 28, 2023

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Earthstone Operating, LLC, for a horizontal spacing unit and compulsory pooling, Lea County, New Mexico Outland 18-7 State Com 112H Well (Case No. 23476)

Outland 18-7 State Com 212H Well (Case No. 23476)

Case Nos. 23476:

Dear Interest Owners:

This letter is to advise you that Earthstone Operating, LLC ("Earthstone"), has filed the enclosed application, Case No. 23476, with the New Mexico Oil Conservation Division ("Division") for the compulsory pooling of units in the Bone Spring formation.

In Case No. 23476, Earthstone seeks to pool the Bone Spring formation underlying the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New Mexico, a standard unit encompassing 320 acres, more or less, dedicated to the above-referenced 112H and 212H Wells.

A hearing has been requested before a Division Examiner on May 4, 2023, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m., traditionally in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. However, under current Division policies, the hearing will be conducted remotely online. For information about remote access and status of the case, you can visit the Division's website at: https://www.emnrd.nm.gov/ocd/hearing-info/ or call (505) 476-3441.

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O: 970.385.4401 • F: 970.385.4901



You are being notified as an interest owner (subject to title examination) and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Prehearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address 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 this matter, please contact Amanda Redfearn at (281) 771-3048 or at amanda@earthstoneenergy.com.

Sincerely,

Darin C. Savage

Attorney for Earthstone Operating, LLC

CASE No. 23476: Notice -- to all parties and persons having any right, title, interest or claim in this case, including owners of working interest, overriding royalty interest, and record title, among others, whether such parties or persons are listed herein or not, as well as notice to all known and unknown heirs, devisees, assigns and successors of such affected parties and persons, which based on reasonable diligence include MAVERICK OIL & GAS CORP.; TIMOTHY R. MACDONALD; CYNTHIA MAE WILSON, TRUSTEE OF THE BYPASS TRUST, CREATED BY THE WILL OF SCOTT **EVANS DATED 7/17/12; BEVERLY JEAN RENFRO BARR, TRUSTEE OF THE** FAMILY TRUST CREATED BY THE WILL OF RICHARD KEVIN BARR; and TWR IV, LLC; of EARTHSTONE OPERATING, LLC's application for approval of a spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division Examiner will conduct a public hearing at 8:15 a.m. on May 4, 2023, traditionally held at 1220 S. St. Francis, Santa Fe, New Mexico, 87505. However, under current Division policies, the hearing will be conducted remotely online. For information about remote access and the status of the case, you can visit the Division's website at: https://www.emnrd.nm.gov/ocd/hearing-info/ or call (505) 476-3441. The hearing on May 4, 2023, may be further continued to address any notice issues. Earthstone Operating LLC, at 1400 Woodloch Forest Dr., Suite 300, The Woodlands, TX 77380, seeks an order from the Division: (1) establishing a standard 320.00-acre, more or less, spacing and proration unit comprised of the E/2 W/2 of Sections 7 and 18, all in Township 21 South, Range 35 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Bone Spring formation, designated as an oil pool, underlying the unit. Sections 7 and 18 are irregular with correction lots but there are no such lots in the proposed unit. The proposed wells to be dedicated to the horizontal spacing unit are the Outland 18-7 State Com 112H Well and the Outland 18-7 State Com 212H Well, both oil wells, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 18 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 7. The wells will be orthodox, and the take points and completed intervals will comply with the setback requirements under statewide Rules; also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15 miles northwest of Eunice, New Mexico.

Transaction Report Details - CertifiedPro.net Date Created= 4/01/2023 - 5/2/2023 Generated: 5/2/2023 7:23:26 AM										
USPS Article Number 9314869904300107442424	Date Created 2023-04-28 2:37 PM	Reference Number	Name 1	Address1	•			Mailing Status Delivered	Mail Service Type Certified Mail	Mail Delivery Date 2023-05-01 1:07 PM



May 2, 2023

Dear Covius Document Services:

The following is in response to your request for proof of delivery on your item with the tracking number: 9314 8699 0430 0107 4424 24.

Item Details

Status: Delivered, Left with Individual

Status Date / Time: May 1, 2023, 12:07 p.m. **Location:** FORT WORTH, TX 76107

Postal Product: First-Class Mail®
Extra Services: Certified Mail™

Return Receipt Electronic

Recipient Name: TWR IV LLC

Shipment Details

Weight: 6.0oz

Destination Delivery Address

Street Address: 3724 HULEN ST

City, State ZIP Code: FORT WORTH, TX 76107-6816

Recipient Signature

Signature of Recipient:

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