STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

APPLICATIONS OF AVANT OPERATING, LLC FOR COMPULSORY POOLING AND APPROVAL OF AN OVERLAPPING NON-STANDARD HORIZONRTAL SPACING UNIT, LEA COUNTY, NEW MEXICO.

CASE NOS. 24632-24633

APPLICATIONS OF MAGNUM HUNTER PRODUCTION, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 24756-24759 CASE NOS. 24913-24916

APPLICATIONS OF MRC PERMIAN COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 24760-24767

AVANT OPERATING, LLC'S NOTICE OF AMENDED EXHIBITS

Avant Operating, LLC (OGRID No. 330369) is submitting the attached amended exhibit

packet for Case Nos. 24632 and 24633, which are amended to the following Exhibits: D-2 (Notice

Chart), and D-3 (Copies of Certified Mail Receipts).

Respectfully submitted,

HOLLIDAY ENERGY LAW GROUP, PC

/s/ Benjamin B. Holliday Benjamin B. Holliday 107 Katherine Court, Suite 100 San Antonio, Texas 78209 Phone: (210) 469-3197 ben@helg.law *Counsel for Avant Operating, LLC*

CERTIFICATE OF SERVICE

I hereby certify that on November 2, 2024, I served a copy of the foregoing document to the following counsel of record via Electronic Mail to:

Elizabeth RyanBeth.Ryan@conocophillips.comKeri L. HartleyKeri.Hatley@conocophillips.comAttorneys forConcho Oil and Gas, LLCCOG Operating, LLC

Jennifer L. Bradfute jennifer@bradfutelaw.com Attorney for Magnum Hunter Production, Inc.; Coterra Energy Inc.; Cimarex Energy; Cimarex Energy of Colorado

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AVANT OPERATING, LLC DAYTONA 29 FED COM FALL 2024 Case No. 24633

Case No. 24633 - Avant Exhibit Packet AMENDED

CONFIDENTIAL

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

APPLICATION OF AVANT OPERATING, LLC FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD HORIZONTAL SPACING UNIT, LEA COUNTY, NEW MEXICO

Case No. 24633

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Case No. 24633 - Avant Exhibit Packet AMENDED

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COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 24632	APPLICANT'S RESPONSE		
Hearing Date: Pending			
Applicant	Avent Operating, LLC		
Designated Operator & OGRID (affiliation if applicable)	330369		
Applicant's Counsel:	Benjamin Holliday		
Case Title:	Application of Avant Operating, LLC for Compulsory Pooling and Approval of Non-Standard Horizontal Spacing Unit, Lea County, New Mexico		
Entries of Appearance/Intervenors:	Magnum Hunter Production, Inc.; Coterra Energy, Inc.; Cimarex Energy Inc.; Cimarex Energy of Colorado; Foran Oil Company; MRC Permian Co.		
Well Family	Daytona 29 Fed Com		
Formation/Pool			
Formation Name(s) or Vertical Extent:	Wolfcamp		
Primary Product (Oil or Gas):	Oil		
Pooling this vertical extent:	All		
Pool Name and Pool Code:	E-K; Wolfcamp (21670)		
Well Location Setback Rules:	Statewide		
Spacing Unit Size:	1280 Acres		
Spacing Unit			
Type (Horizontal/Vertical)	Horizontal		
Size (Acres)	1280 Acres		
Building Blocks:	Quarter Quarter		
Orientation:	North to South		
Description: TRS/County	Sections 29 & 32, Township 18 South, Range 34 East, N.M.P.M. Lea County, New Mexico		
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	No, Avent requests approval of non-standard spacing unit in this application.		
Other Situations			
Depth Severance: Y/N. If yes, description	No		
Proximity Tracts: If yes, description	No.		
Proximity Defining Well: if yes, description	N/A		
Applicant's Ownership in Each Tract Released to Imaging: 11/4/2024 8:44:41 AM	Exhibit Packet A		

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Well(s)	
Name & API (if assigned), surface and bottom hole location,	see below
footages, completion target, orientation, completion status	
(standard or non-standard) Well #1	Daytona Fed Com (#006H)
weii #1	SHL: NE/4NW/4 (Unit C) of Section 29
	BHL: SW/4SW/4 (Unit M) of Section 32
	Target: Wolfcamp Formation
	Orientation: North to South
	Completion status: standard
Well #2	Daytona Fed Com (#007H)
	SHL: NE/4NW/4 (Unit C) of Section 29
	BHL: SE/4SW/4 (Unit N) of Section 32
	Target: Wolfcamp Formation
	Orientation: North to South
	Completion status: standard
Well #3	Daytona Fed Com (#008H)
	SHL: NE/4NE/4(Unit A) of Section 29
	BHL: SW/4SE/4 (Unit O) of Section 32;
	Target: Wolfcamp Formation Orientation: North to South
	Completion status: standard
Well #4	Daytona Fed Com (#009H)
	SHL: NE/4NE/4(Unit A) of Section 29
	BHL: SE/4SE/4(Unit P) of Section 32
	Target: Wolfcamp Formation Orientation: North to South
	Completion status: standard
Horizontal Well First and Last Take Points	
Completion Target (Formation, TVD and MD)	
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000.00
Production Supervision/Month \$	\$1,000.00
Justification for Supervision Costs	Exhibit A-12
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit D-1
Proof of Mailed Notice of Hearing (20 days before hearing) Released to Imaging: of Hearing 10 8548 before Hearing)	Exhibit Packet AN
Propriot Published Modifier of Hearing 10 days before Hearing)	Exhibit D-4

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Land Ownership Schematic of the Spacing Unit	Exhibit A-5(a), Exhibit A-5(b)
Tract List (including lease numbers and owners)	Exhibit A-5(a), Exhibit A-5(b)
Pooled Parties (including ownership type)	Exhibit A-6(a), Exhibit A-6(b)
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	Exhibit A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-12
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-6(a)
Chronology of Contact with Non-Joined Working Interests	Exhibit A-13
Overhead Rates In Proposal Letter	Exhibit A-12
Cost Estimate to Drill and Complete	Exhibit A-12
Cost Estimate to Equip Well	Exhibit A-12
Cost Estimate for Production Facilities	Exhibit A-12
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1, Exhibit B-2(a), Exhibit B-2(b)
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-2(a)-(c)
Well Orientation (with rationale)	Exhibit B(3)
Target Formation	Exhibit B-5-B-8
HSU Cross Section	Exhibit B-5, B-6
Depth Severance Discussion	Exhibit A
Forms, Figures and Tables	
C-102	Exhibit A-11
Tracts	Exhibit A-5(a), Exhibit A-5(b)
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-6(a), Exhibit A-6(b)
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit A-10
Structure Contour Map - Subsea Depth	Exhibit B-7, B-8
Cross Section Location Map (including wells)	Exhibit B-5, B-6
Cross Section (including Landing Zone)	Exhibit B-5, B-6
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):	Benjamin Bryan Holliday Case No. 24633 - Avant Exhibit Packet AN
Signed Name (Attorney or Party Representative)	
Date:	30-Oct-24

LAND



Exhibit A Land Exhibits Case No. 24633

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

APPLICATION OF AVANT OPERATING, LLC FOR APPROVAL OF A NON-STANDARD UNIT, COMPULSORY POOLING, AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, LEA COUNTY, NEW MEXICO.

CASE NO. 24633

APPLICATION OF MAGNUM HUNTER, LLC FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 24756-24759

AFFIDAVIT OF SOPHIA GUERRA

Sophia Guerra, being duly sworn, deposes and states as follows:

BACKGROUND

- 1. I am over the age of 18, I am a senior landman for Avant Operating, LLC ("Avant") and have personal knowledge of the matters stated herein.
 - 2. I have previously testified before the Oil Conservation Division ("Division") and my

credentials as an expert petroleum landman were accepted as a matter of record.

- 3. My area of responsibility at Avant includes the area Lea County in New Mexico.
- 4. I am familiar with the application filed by Avant in this case, which is attached as

Exhibit A-1 ("Daytona WC Case"). I am also familiar with the application filed by Magnum Hunter Production, Inc. ("Magnum Hunter") in Case Numbers 24756-24759 ("Turnpike WC Cases"). I am familiar with the land matters involved in these cases. 5. **Exhibit A-2** is a map showing the general location and the spacing units at issue, as well as the competing development plans of Avant and Magnum Hunter.

6. Avant seeks an order pooling a stand-up (i.e. north to south orientation) non-standard 1280-acre horizontal spacing unit comprised of the Wolfcamp Formation underlying Sections 29 and 32 Township 18 South, Range 34 East, N.M.P.M., Lea County, New Mexico ("Daytona WC Unit") and approving, to the extent necessary, an overlapping spacing unit.

7. Magnum Hunter, via the Turnpike WC Cases, seeks an order pooling four laydown (i.e. east to west orientation) standard 320-acre horizontal spacing units comprised of the Wolfcamp Formation underlying Sections 33 and 32, Township 18 South, Range 34 East, N.M.P.M., Lea County, New Mexico ("Turnpike WC Units"). The Daytona WC Case and Turnpike WC Cases involve competing applications for the Wolfcamp Formation underlying Section 32, Township 18 South, Range 34 East, N.M.P.M., Lea South, Range 34 East, N.M.P.M., Lea County, New Mexico.

8. Avant requests that the Division grant an order pooling the Daytona WC Unit, and that the Division deny Magnum Hunter's competing pooling applications.

9. Avant has proposed a total of 4 wells, known as its Daytona 29 Fed Com wells. Magnum Hunter has also proposed 4 wells, known as its Turnpike 33-32 State Com wells. Magnum Hunter does not intend to operate the wells; instead, Magnum Hunter is requesting that Cimarex Energy Company of Colorado (OGRID No. 162683) be designated operator.

10. Avant's spacing unit will be dedicated to the following wells ("Daytona WC Wells"):

a. Daytona 29 Fed Com #006H, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 29 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 32;

- b. Daytona 29 Fed Com #007H, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 29 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 32;
- Daytona 29 Fed Com #008H, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 29 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 32;
 - d. Daytona 29 Fed Com #009H, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 29 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 32;

11. The Daytona WC Wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

12. This proposed Daytona Unit will partially overlap with a 80-acre Bone Spring vertical spacing unit comprised of the W/2 NW/4 of Section 32, Township 18 South, Range 34 East, dedicated to Rhombus Operating Co.'s Union State Com #001 well (API 30-025-24992). All owners identified in these two tracts as to all depths within the Bone Spring formation, including the operator, were notified of this hearing.

13. The purpose of my testimony is to demonstrate, from a land perspective, why Avant should be designated operator of the acreage at issue in the cases, which I refer to as the Daytona Development Area, and why Avant's development plan for the Daytona Development Area is superior to Magnum Hunter's plan.

14. First, as I will discuss in more detail, Avant has the highest working interest in the proposed units. Second, Avant's development plan will reduce surface facilities and surface impacts. Third, Avant is a prudent operator, with the ability to develop the surface and is planning on developing this acreage in the near term. In fact, Avant has experience in developing this area.

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15. **Exhibit A-3** is a summary overview of why Avant's application should be granted and why Magnum Hunter's application should be denied. Each of the factors will be discussed by Avant's witnesses as relevant to each witness' area of expertise. I will be focusing on ownership, Avant's ability to prudently and timely drill, complete and operate the wells in development area and prevent waste.

16. Avant has been diligently working to develop this area. **Exhibit A-4** identifies the timeline of Avant's efforts stretching back to 2022 and future target dates for spud in Q2 2025. This is contrasted with Magnum Hunter's efforts in the area, which began in 2024.

17. **Exhibit A-5(a)** is a tract map of the Daytona WC Unit which provides an overview of the various tracts that will comprise the unit, as well as the leases pertaining to each tract. As is depicted on the **A-5(b)** plat, Avant owns an interest in, or has entered into a joint operating agreement ("JOA") with parties owning in, 87.5% of the tracts within the proposed Daytona WC Unit.

18. As shown on **Exhibit A-6(a)**, Avant has 45.45% working interest control in the Daytona WC Unit. Conversely, Magnum Hunter has only a 14.33% working interest ownership, and, to my knowledge, does not have the support of any additional working interest owners. Collectively, **Exhibit A-6(a) and A-6(b)** is a list of the parties to be pooled in Case 24632.

19. Magnum Hunter has asserted that its ownership interest in Section 32 is increased by virtue of a JOA. Despite requests, Avant has been unable to obtain a copy of this JOA. Based on Avant's extensive abstracting in all relevant Lea County and State records, Avant has been unable to locate any record title recording of this JOA, including a memorandum. Nonetheless, even if the JOA is in effect, a point which Avant does not concede, Avant remains the largest working interest owner in the unit by percentage. The JOA contract area and potential ownership changes are reflected on **Exhibit A-15**.

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20. Avant is seeking to develop acreage where it owns most of the working interest or has majority interest control as it has done in the past and plans to do in this area.

21. Because Avant has the highest working interest control, it should be awarded operatorship.

22. **Exhibit A-7** provides a comparison of Avant's development plans in relation to Magnum Hunter's. As you can see from Exhibit A-1, Avant and Magnum hunter are each planning four (4) total Wolfcamp wells.

23. I will now discuss Avant's ability to prudently operate the property and, thereby, prevent waste and Avant's ability to timely locate well sites and to operate on the surface.

24. Avant has proposed the Daytona WC Unit as a non-standard unit 1280-acre unit comprised of the Wolfcamp Formations.

25. **Exhibit A-8** outlines how Avant's development plan minimizes surface disturbance and reduces waste:

- a. By developing the Daytona BS Unit (consolidated herewith) and Daytona WC Unit as two separate non-standard 1280-acre units, as opposed to twelve (12) separate 320acre units (four in the First Bone Spring, four in the Third Bone Spring, and four in the Wolfcamp) as is depicted on the plat, Avant will reduce the total Central Tank Batteries ("CTBs") required by 80%, from twelve (12) CTBs to two (2) CTBs.
- b. Additionally, Avant's combined Bone Spring and Wolfcamp development plans require 1/4 of the total CTBs as required by Magnum Hunter's development plans. As stated, Avant will require 2s CTBs total for the Bone Spring and Wolfcamp development plans, whereas Magnum Hunter's proposed Turnpike Units for Bone Springs and Wolfcamp will require eight (8) CTBs, increasing the surface impact by a factor of 400%.

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26. Avant seeks approval of the non-standard unit to minimize surface disturbance by consolidating facilities and commingling production from the proposed and future wells in the proposed non-standard spacing unit. Approval of this application will allow Avant to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing, which is consistent with Division rules. *See, e.g.*, Rule 19.15.167(P) NMAC; Rule 19.15.16.15(B)(8) NMAC; Rule 19.15.16.15(C)(7)(NMAC).

27. Avant requires approval of a non-standard spacing unit to allow the wells to be dedicated to a single federal Communitization Agreement that Avant desires to obtain from the Bureau of Land Management ("BLM").

28. **Exhibit A-9** outlines Avant's recent activity in this area. Avant has been active in the area and is committed to developing its acreage in this area. Avant has 2 active drilling rigs in Lea County as of October 29, 2024.

29. In this case, Avant seeks approval of a 1280-acre non-standard spacing unit and **Exhibit A-10** contains a tract map with approximate location of the Daytona WC Wells, and identification of the same.

30. If the non-standard unit is not approved, it is my understanding that BLM will not issue a single Communitization Agreement and Avant will not be authorized to commingle production. As a result, Avant would be required to pursue a much more surface-use intensive development plan.

31. Attached as **Exhibit A-11** are the proposed C-102s for the Daytona WC Wells.

32. The C-102s identify the proposed surface hole locations and the bottom hole locations, and the first take points. The C-102s also identify the pool and pool code.

33. The Daytona WC Wells will develop the E-K; Wolfcamp (Code 21670).

34. This pool is an oil pool with 40-acre building blocks.

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- 35. This pool is governed by the state-wide horizontal well rules.
- 36. There is no depth severance within the proposed spacing unit.

37. Prior to filing its application, Avant made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells. To locate interest owners, Avant conducted a diligent search of the public records in the county where the wells will be located and conducted phone directory and computer searches to locate contact information for parties entitled to notification. I mailed all working interest owners well proposals and an Authorization for Expenditure, and a form of Operating Agreement upon request.

38. Attached as **Exhibit A-12** is an example proposal letter and the Authorizations for Expenditure ("AFEs") for the proposed wells. The proposal letter identifies the proposed surface hole location and bottom hole location, and the approximate TVD. It also contains separate elections for each well. In my opinion, the estimated costs reflected on the AFEs are fair and reasonable, and are comparable to the costs of other wells of similar depth, length and completion method being drilled in this area of New Mexico.

39. Avant requests overhead and administrative rates of \$10,000.00/month for drilling a well and \$1,000.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern New Mexico. Avant requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

40. Avant requests the maximum cost plus 200% risk charge be assessed against nonconsenting working interest owners.

41. **Exhibit A-13** is a summary of Avant's communications with working interest owners and unleased mineral interest owners, including Magnum Hunter.

42. In my opinion, Avant negotiated with the uncommitted interest owners in good faith.

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43. The parties Avant is seeking to pool were notified of this hearing. In addition, as reflected on **Exhibit A-14**, Avant has noticed offset operators and lessees of record.

44. Avant seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.

45. Avant also provided notice to offset affected parties for purposes of the non-standard unit application as well as notice to the operator and working interest owners in the existing well for purposes of the overlapping spacing unit.

46. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.

47. Based upon my knowledge of the land matters involved in these cases, education and training, it is my expert opinion that Avant's development plan will protect correlative rights and prevent waste.

48. The attachments to my Affidavit were prepared by me or compiled from company business records.

49. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

[Signature Page Follows]

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Sophia Guerra

State of <u>Colora do</u>

County of Denver

This record was acknowledged before me on October 2^{+1} , 2024, by Sophia Guerra.

[Stamp]

CARL J MESSINA III NOTARY PUBLIC - STATE OF COLORADO NOTARY ID 20174047486 MY COMMISSION EXPIRES NOV 16, 2025

Notary Public in and for the State of <u>Colorado</u> Commission Number: <u>20174047486</u>

My Commission Expires: <u>11-16-2025</u>

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EXHIBIT A-1

DAYTONA WC UNIT APPLICATION

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

APPLICATION OF AVANT OPERATING, LLC FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD HORIZONTAL SPACING UNIT, LEA COUNTY, NEW MEXICO

Case No.

APPLICATION

Avant Operating, LLC, OGRID No. 330396 ("Avant" or "Applicant"), through its undersigned attorneys, hereby files this Application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17 and 19.15.16.15(B)(5) NMAC, for an order (1) approving a 1,280-acre, more or less, non-standard horizontal spacing unit ("HSU") composed of all of Sections 29 and 32, Township 18 South, Range 34 East, N.M.P.M. (the "Application Lands"), and (2) pooling all uncommitted mineral interests in the Wolfcamp Formation, designated as an oil pool, underlying said HSU.

In support of its Application, Avant states the following:

1. Avant is a working interest owner in the subject lands and has a right to drill wells thereon.

2. Avant seeks to dedicate all of the Application Lands to form a 1,280-acre, more or less, HSU.

3. Avant seeks to dedicate the above-referenced HSU to the following proposed wells:

A. **Daytona 29 Fed Com #006H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SW/4 (Unit M) of Section 32;

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B. **Daytona 29 Fed Com #007H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit N) of Section 32;

C. **Daytona 29 Fed Com #008H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SE/4 (Unit O) of Section 32; and

D. **Daytona 29 Fed Com #009H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SE/4(Unit P) of Section 32.

4. The wells are orthodox in their location as defined by 19.15.16.15.(C) NMAC, and the take points and laterals comply with Statewide Rules for setbacks under 19.15.16.15.(C) NMAC.

5. Avant has sought in good faith but has been unable to obtain voluntary agreement from all interest owners in the Wolfcamp Formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

6. The pooling of all interests in the Wolfcamp Formation within the proposed unit will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

7. Approval of a non-standard horizontal spacing unit is necessary to prevent waste and protect correlative rights.

8. To provide for its just and fair share of the oil and gas underlying the subject lands, Avant requests that all uncommitted interests in this HSU be pooled and that Avant be designated as the operator of the proposed horizontal wells and HSU. WHEREFORE, Avant requests this Application be set for hearing on July 11, 2024, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- A. Approving the creation of an approximately 1,280-acre non-standard HSU, composed of the Application Lands, pursuant to 19.15.16.15(B)(5) NMAC;
- B. Pooling all uncommitted interests in the Wolfcamp Formation underlying the HSU within the Application Lands;
- C. Approving the Daytona 29 Fed Com #006H, Daytona 29 Fed Com #007H, Daytona 29 Fed Com #008H, and Daytona 29 Fed Com #009H as the wells for the HSU.
- D. Designating Avant as operator of the HSU and the horizontal wells to be drilled thereon;
- E. Authorizing Avant 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
- G. Setting a 200% charge for the risk assumed by Avant in drilling and completing the wells in the event a working interest owner elects not to participate in the wells, as authorized by NMSA 1978, § 70-2-17.

Respectfully submitted,

BEATTY & WOZNIAK, P.C.

By:

James P. Parrot Miguel A. Suazo Sophia A. Graham Kaitlyn A. Luck 500 Don Gaspar Ave., Santa Fe, NM 87505 (505) 946-2090 msuazo@bwenergylaw.com jparrot@bwenergylaw.com sgraham@bwenergylaw.com kluck@bwenergylaw.com

Attorneys for Avant Operating, LLC

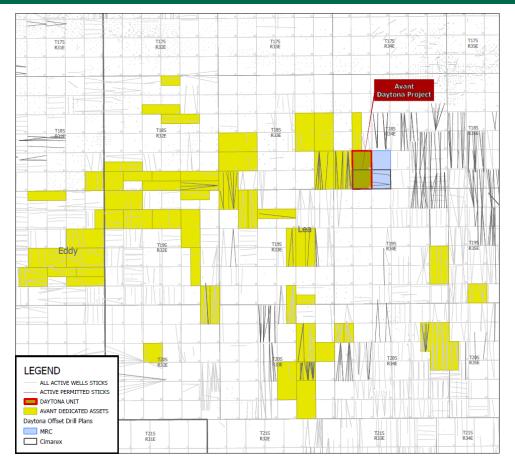
Application of Avant Natural Resources, LLC for Compulsory Pooling and Approving a Non-Standard Horizontal Spacing Unit and, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) approving a 1,280-acre, more or less, non-standard horizontal spacing and proration unit composed of all of Sections 29 and 32, Township 18 South, Range 34 East, N.M.P.M.; and (2) pooling all uncommitted mineral interests in the Wolfcamp Formation, designated as an oil pool, underlying said unit. The proposed wells to be dedicated to the horizontal spacing unit are the Daytona 29 Fed Com #006H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SW/4 (Unit M) of Section 32; Davtona 29 Fed Com #007H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit N) of Section 32; Daytona 29 Fed Com #008H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SE/4 (Unit O) of Section 32; and Daytona 29 Fed Com #009H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SE/4 (Unit P) of Section 32. The wells are orthodox in location, and the take points and laterals comply with Statewide Rules for setbacks. 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 22 miles west from Hobbs, New Mexico.

General Location Map Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-2



AVANT OPERATING, LLC

General Location Map: ALL of Sections 29 & 32, Township 18 South, Range 34 East, N.M.P.M, Lea County, New Mexico



Avant and MRC development plans align with N/S orientation, while Cimarex E/W development plan does not align

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Division's Factors in Avant's Favor Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H

Estimates

Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-3



AVANT OPERATING, LLC

Factor	Avant	Cimarex	Comment
Geologic Evidence	\checkmark	×	 Cimarex's Bone Spring pooling plans to develop the 2nd Bone Spring Sand by itself, potentially creating both surface and subsurface waste leaving resources in the ground Preferred development orientation is North-South
Risk	\checkmark	×	 Avant proposes to drill all benches at once to minimize surface disturbance and reduce potentia subsurface depletion risk Cimarex pooling order excludes proven targets in 1BS and 3BS
Negotiations	~	×	 Avant initiated several trade and acquisition proposals to Cimarex, none of which progressed or developed further Avant, along with MRC, proposed alternative development plan to allow each operator to have an operated unit within the Daytona/Turnpike/Bobby Pickard area; Cimarex did not agree to any revised development plans
Ownership Interest	\checkmark	×	 Avant has significant portion of working interest committed to Avant's planned unit (43%) through ownership and joinder agreements Cimarex owns minority working interest (8%) in proposed unit
Surface Factor	\checkmark	×	 Avant's plan to develop all benches at once minimizes surface disturbances versus the impact from future/continuous development as Cimarex proposes Avant is a proactive member of the CCA/A and has coordinated extensively on pad/pipeline/access
Prudent Operator and Prevent Waste	\checkmark	-	 Avant has spent years planning and permitting this unit and adjacent Avant Units to maximize development efficiencies and minimize surface disturbance. Avant has crude, gas, and water gathering contracts in place to ensure all phases of production are on pipe rather than trucking
Cost	\checkmark	-	 Established midstream contracts and control over our own water gathering system allows for lower LOE in the area compared to competitors, leading to better economics for WI owners

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Timeline of Events Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-4



AVANT OPERATING, LLC

Avant has diligently prosecuted plans for development while Cimarex has been reactive January 2024: Q2 2025: December 2023: April 2024: June 2024: June 2024: June 2022: November Avant Avant acquires 2022: Avant initiates Avant proposes Avant proposes Avant files Bone Avant continues Avant has Davtona Wolfcamp initial interest in Avant hires trade Bone Spring Spring and wells on drill to engage proposed unit broker to begin Daytona wells, Daytona wells, Cimarex with discussions with Wolfcamp schedule for Q2 title research Cimarex 1,280-acre NSU 1,280-acre NSU pooling apps with trade discussions development OCD 2022 2024 2025 2023 Cimarex February 2024: May 2024: Cimarex June 2024: October 2024: Cimarex files Bone Spring Cimarex revises Cimarex revises and reproposes and re-files Bone pooling apps (depths files Bone Spring Turnpike wells, 1 limited to 9,668') and Spring applications applications to include well per 320-Wolfcamp apps all depths in formation acre unit

- Avant has diligently planned development of contract area since initial interest acquisition
- Cimarex has been reactionary to Avant as it relates to well proposals and development timing
- Avant has tried to engage Cimarex in trade discussions for over 10 months, with little to no response from Cimarex

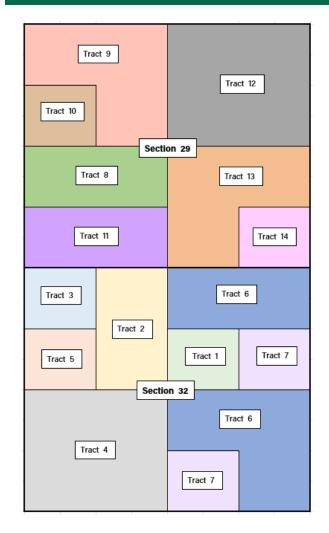
28

Lease Tract Map Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-5(a)



Page 29 of 171

Lease Tract Map: ALL of Sections 29 & 32, Township 18 South, Range 34 East, N.M.P.M, Lea County, New Mexico



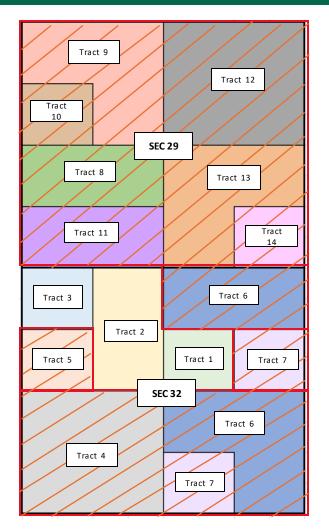
Tract	State/Fed/Fee	Lease	Acres
Tract 1	State	K-5001	40.00
Tract 2	State	К-5001	80.00
Tract 3	State	K-5001	40.00
Tract 4	State	VA-0473	160.00
Tract 5	State	K-4922	40.00
Tract 6	State	K-4922	200.00
Tract 7	State	B-0156512	80.00
Tract 8	Fed	NMNM 116166	80.00
Tract 9	Fed	NMNM 116166	120.00
Tract 10	Fed	NMNM 116166	40.00
Tract 11	Fed	NMNM 0245247	80.00
Tract 12	Fed	NMNM 0245247	160.00
Tract 13	Fed	NMNM 012277	120.00
Tract 14	Fee	Various	40.00
	1280.00		

AVANT OPERATING, LLC

Lease Tract Map Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-5(b)



Avant owns an interest or has committed parties in majority of tracts in the Daytona Unit





Tracts to which Avant owns an interest and has non-op WI Owners under JOA

Tract	State/Fed/Fee	Lease	Acres
Tract 1	State	K-5001	40.00
Tract 2	State	K-5001	80.00
Tract 3	State	K-5001	40.00
Tract 4	State	VA-0473	160.00
Tract 5	State	K-4922	40.00
Tract 6	State	K-4922	200.00
Tract 7	State	B-0156512	80.00
Tract 8	Fed	NMNM 116166	80.00
Tract 9	Fed	NMNM 116166	120.00
Tract 10	Fed	NMNM 116166	40.00
Tract 11	Fed	NMNM 0245247	80.00
Tract 12	Fed	NMNM 0245247	160.00
Tract 13	Fed	NMNM 012277	120.00
Tract 14	Fee	Various	40.00
	Total State, F	ed and Fee Acreage:	1280.00

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Summary of Interests - Wolfcamp Daytona 29 Fed Com #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit A-6(a)



Avant owns 36% of working interest in unit and an additional 10% committed to the unit

Summary of Working Interest Owners to be Pooled:

WIOWNER	WI	Net Acres	Tract No	STATU S
Avant Operating, LLC	28.71%	367.47	4-6, 8-14	Operator
Legion Production Partners, LLC	4.19%	53.63	4-6	JOA - Committed
Double Cabin Minerals, LLC	2.90%	37.09	4-6	JOA - Committed
T. H. McElvain Oil & Gas, LLLP	4.85%	62.02	8-14	JOA - Committed
Marbel la Development, LP	0.21%	2.67	4	JOA - Committed
Kaiser-Francis Oil Company	1.16%	14.80	5	JOA - Committed
Del Mar Holdings, LP	3.01%	38.49	6-7	JOA - Committed
Burnett Oil Company	0.43%	5.55	9-10	JOA - Committed
Magnum Hunter Production, Inc.	14.33%	183.47	1-3, 5, 6	Compulsory Pool
J. Cleo Thompson and James Cleo Thompson Jr, LP	0.76%	9.77	9-10	Compulsory Pool
Earthstone Permian, LLC	9.40%	120.30	4	Compulsory Pool
Marathon Oil Permian, LLC	0.59%	7.56	4	Compulsory Pool
Burk Royalty Company	0.56%	7.11	4	Compulsory Pool
W.T.G. Exploration, Inc.	0.52%	6.67	4	Compulsory Pool
George Sor os	0.28%	3.58	4	Compulsory Pool
Susan Weber	0.28%	3.58	4	Compulsory Pool
A. H. Gonzales Oil Co	0.21%	2.67	4	Compulsory Pool
Viersen Oil & Gas Co.	0.17%	2.13	4	Compulsory Pool
James D. Moring and wife, Dorothy D. Moring	0.06%	0.80	4	Compulsory Pool
Manta Oil & Gas Company	0.04%	0.53	4	Compulsory Pool
The Estate of Alice Marie Smith, Deceased	0.03%	0.32	4	Compulsory Pool
Schlagal Brothers	0.02%	0.27	4	Compulsory Pool
Timothy R. MacDonald	0.01%	0.16	4	Compulsory Pool
The Estate of R. C. Schlagal, Deceased	0.01%	0.13	4	Compulsory Pool
The Estate of Alice R. Schlagal, Deceased	0.01%	0.13	4	Compulsory Pool
Maverick Oil & Gas Corporation	0.00%	0.05	4	Compulsory Pool
HOG Partnership LP	2.00%	25.60	5-6	Compulsory Pool
Trainer Partners, LTD	1.01%	12.99	5-6	Compulsory Pool
Mexco Energy Corporation	1.01%	12.99	5-6	Compulsory Pool
Don O. Chapell , Inc.	0.87%	11.10	5-6	Compulsory Pool
Mewbourne Oil Company	4.91%	62.91	5-7	Compulsory Pool
Mewbourne and Daughters, Ltd.	1.82%	23.27	5-7	Compulsory Pool

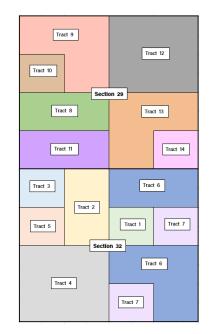
Avant et al entities = 35.80% WI

*Avant Operating, LLC, Legion Production Partners, LLC and Double Cabin Minerals, LLC are all Avant-controlled entities

Committed Parties= 9.65% WI

Avant & Committed Parties = 45.45% WI

Magnum Hunter (Cimarex) = 14.33% WI



AVANT OPERATING, LLC

Summary of Interests - Wolfcamp Daytona 29 Fed Com #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit A-6(a)



Avant owns 36% of working interest in unit and an additional 10% committed to the unit

Summary of Working Interest Owners to be Pooled:

WI OWNER	WI	Net Acres	Tract No	STATUS
Mewbourne Development Partners, 94-A, L.P.	1.04%	13.35	5-7	Compulsory Pool
Mewbourne Development Partners, 93-B, L.P.	0.69%	8.87	5-7	Compulsory Pool
Mewbourne Development Corporation	0.27%	3.41	5-6	Compulsory Pool
Mewbourne Development Corporation #1	0.11%	1.45	7	Compulsory Pool
Mewbourne Development Corporation #2	0.07%	0.86	7	Compulsory Pool
Mewbourne Development Corporation #3	0.11%	1.37	7	Compulsory Pool
McElvain Oil Company LP	1.11%	14.16	8-12	Compulsory Pool
Prima Exploration, Inc.	9.22%	118.04	8-12, 14	Compulsory Pool
Trainer Partners, LTD	0.78%	10.00	8	Compulsory Pool
Everette L. Andrews Jr. Trustee	0.02%	0.20	9-10	Compulsory Pool
Boswell Interests Ltd	0.24%	3.13	9-10	Compulsory Pool
CEB Oil Company	0.09%	1.17	9-10	Compulsory Pool
Merlyn Holland Wright Dahlin	0.02%	0.20	9-10	Compulsory Pool
Amy Vernae Dahlin Trust	0.02%	0.20	9-10	Compulsory Pool
EAB Oil Company	0.09%	1.17	9-10	Compulsory Pool
Michael J. Havel	0.03%	0.39	9-10	Compulsory Pool
David L. Henderson	0.04%	0.55	9-10	Compulsory Pool
David L. Henderson and Dawn Henderson	0.04%	0.55	9-10	Compulsory Pool
HHE II, LLC and Horcado Dream, LLC	0.31%	3.91	9-10	Compulsory Pool
John P. Oil Company	0.09%	1.17	9-10	Compulsory Pool
Ozark Exploration, Inc	0.24%	3.11	9-10	Compulsory Pool
PVB Oil Company	0.09%	1.17	9-10	Compulsory Pool
Sierra Madre Energy, LLC	0.02%	0.31	9-10	Compulsory Pool
Charles W. Seely, Jr.	0.04%	0.55	9-10	Compulsory Pool
Seely Petroleum Partners, LP	0.26%	3.33	9-10	Compulsory Pool
SSV&H Associates	0.07%	0.94	9-10	Compulsory Pool
Adelaide Y. Thomsen, Trustee	0.02%	0.20	9-10	Compulsory Pool
Wes-Tex Drilling Co. LP	0.19%	2.44	9-10	Compulsory Pool
2017 Permian Basin JV	0.31%	4.00	12	Compulsory Pool
	100.00%	1280.00		

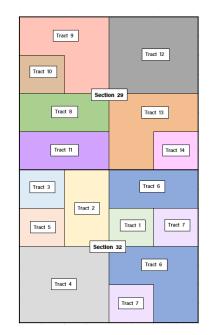
Avant et al entities = 35.80% WI

*Avant Operating, LLC, Legion Production Partners, LLC and Double Cabin Minerals, LLC are all Avant-controlled entities

Committed Parties= 9.65% WI

Avant & Committed Parties = 45.45% WI

Magnum Hunter (Cimarex) = 14.33% WI



AVANT OPERATING, LLC

Summary of Interests - Wolfcamp Daytona 29 Fed Com #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit A-6(b)



AVANT OPERATING, LLC

Summary of Overriding Royalty Interest Owners to be Pooled:

ORRI O WNER	ORRI O WNER	ORRI O WNER
Mewbourne Oil Company		Bank of America, N.A., Sole Trustee of the Selma E. Andrews Trust, for the benefit of Peggy Barrett
Burk Royalty Company	Whitney Hopkins as Successor Trustee of the Jacqueline	
W.T.G. Exploration, Inc.	Mike Petraitis	Thomaston, LLC
		Bank of America, N.A. Trustee under the Will of Roberta M. Regan, Deceased
	Mary Jane McGary Trust Mary Jane McGary, Trustee c/o Blue Barrel consulting	The Estate of Lillie M. Yates, deceased
Nearburg Producing Company	KM Petro Investments, LLC	Higgins Trust, Inc
A. H. Gonzales Oil Co.	Buckeye Energy	Penroc Oil Corporation
Marbella Development, LP	Community Minerals, LLC	Geri Short
David A. Hart (Andrea M. Hart, spouse)	Kathleen A. Tsibulsky	Slate River Oil & Gas LLC
Coyote Oil and Gas, LLC	Michelle Blum	Jan Trainer Smith
Top Brass Oil Properties, Inc.	Christine A Kelly	Ralph C. McElvain, Jr.
James D. Moring and wife, Dorothy D. Moring	The William Patrick Ashworth and Michelle Marie Ashworth Living Trust	Billy J. Cook
S. E. S. Investments, Ltd.	Gregory Ashworth	HTI Resources, Inc.
The Estate of R. C. Schlagal, Deceased Trudy Gayle Schlagal Rea, Personal Representative of The Estate of R. C. Schlagal, Deceased		Nations Bank of Texas, NA Trustee of the Sabine Royalty Trust
The Estate of Alice R. Schlagal, Deceased Trudy Gayle Schlagal Rea, surviving daughter of Alice R. Schlagal, Deceased	Sharbro Energy, LLC	Braille Institute of America, Inc
Schlagal Brothers	EOG Resources, Inc.	Darren Printz
	The First National Bank, Trustee of the Mary Anne Berliner Foundation Established under Trust Agreement, dated February 1, 2000	Colgate Royalties, LP

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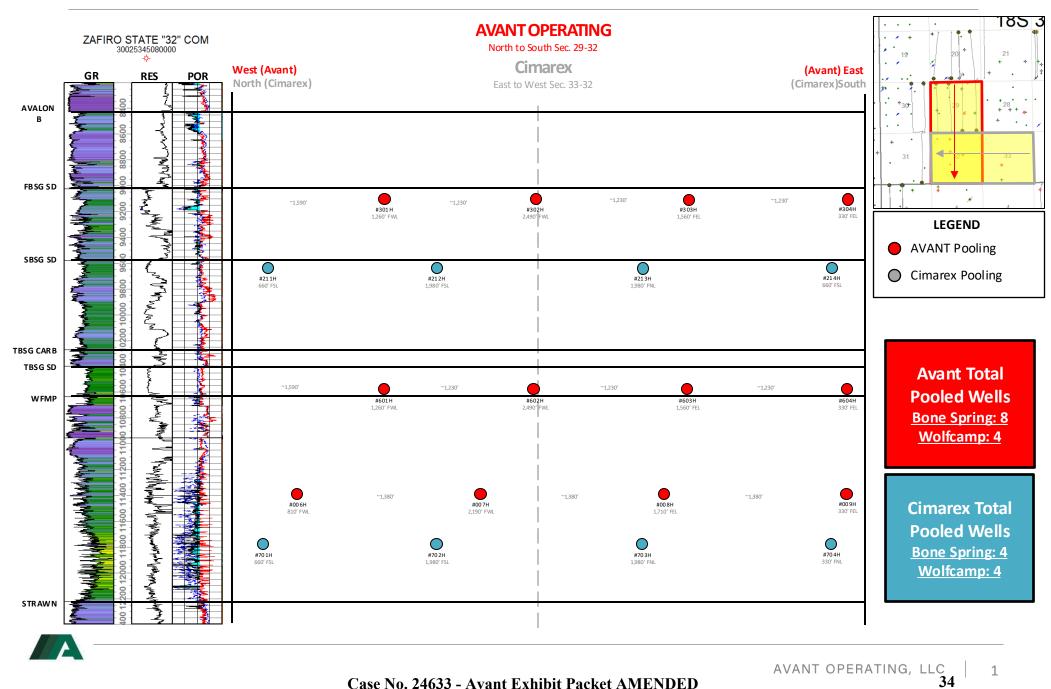
Competing Development Plans

Avant - Daytona 29 Federal Com - FBSG - TBSG - WFMP Cimarex - Turnpike 33-32 State Com - SBSG - WFMP

Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-7



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Standard vs. NSSU Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-8

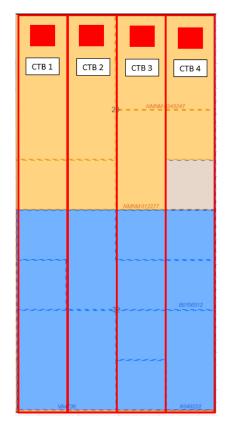


NSSU reduces surface facilities and surface impacts

Standard Unit Development :

12 CTBs total

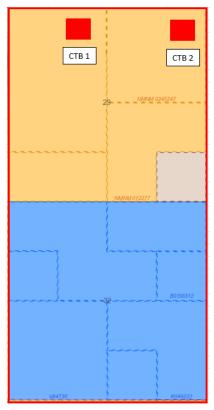
(4 per pooled formation in 1st BS, 3rd BS, Wolfcamp)



Non-Standard Unit Development:

2 CTBs total

(1 per pooled formation in Bone Spring and Wolfcamp)

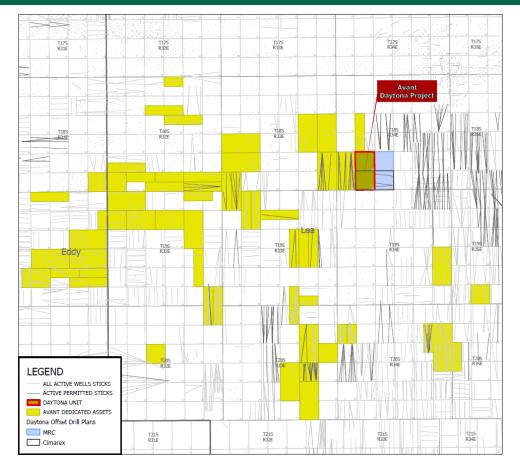


AVANT OPERATING, LLC

General Location Map Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-9



Avant's recent activity approximate to Daytona units. Lea County, New Mexico



Avant and MRC development plans align with N/S orientation, while Cimarex E/W development plan does not align

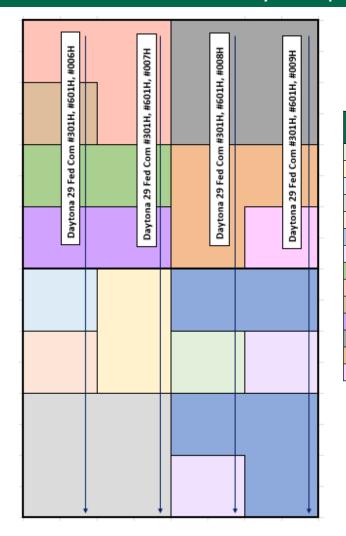
Case No. 24633 - Avant Exhibit Packet AMENDED

AVANT OPERATING, LLC

Tract Map – Locations – Bone Spring Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24632 & 24633 Exhibit A-10



Avant to fully develop all tracts and prospective zones



Tract	State/Fed/Fee	Lease	Acres
Tract 1	State	K-5001	40.00
Tract 2	State	K-5001	80.00
Tract 3	State	K-5001	40.00
Tract 4	State	VA-0473	160.00
Tract 5	State	K-4922	40.00
Tract 6	State	K-4922	200.00
Tract 7	State	B-0156512	80.00
Tract 8	Fed	NMNM 116166	80.00
Tract 9	Fed	NMNM 116166	120.00
Tract 10	Fed	NMNM 116166	40.00
Tract 11	Fed	NMNM 0245247	80.00
Tract 12	Fed	NMNM 0245247	160.00
Tract 13	Fed	NMNM 012277	120.00
Tract 14	Fee	Various	40.00

Total State, Fed and Fee Acreage: 1280.00

EXHIBIT A-11

DAYTONA WC UNIT C102s

C	102	-102 State of New Mexico											Dom	find the 0, 200	
0-	-102			En	ergy	, Minerals	& Natu	ral R	esources Depa	artment			rev	vised July 9, 2024	
Sub	mit Elect	ronically				OIL CO	NSERV	ATIO	N DIVISION		F		🛛 Init	ial Submittal	
Via	OCD Per	mitting										Submittal Type:	Am	ended Report	
									Lype:				As Drilled		
						WI	ELL LOCA	TION	INFORMATION						
	lumber		****	Pool	Code				Pool Name						
	025-53	3040				670			E E	E-K; W	OLFC	CAMP			
3	erty Code 335719			-	rty Na		DAYT	ONA	29 FED C	M			Well Nu	umber 006H	
	о №. 30396			Opera	tor Na	ame	AVANT	r op	ERATING, L	LC			Ground	i Level Elevation 3969	
Surface Owner: 🗌 State 🗋 Fee 🗌 Tribal 🖾 Federal							Mineral Owner: 🛛	State 🗌 I	'ee 🗌 Tr	ibal 🛛 Federa	1				
							Surf	ace I	ocation						
UL	Section	Township	Range	Lot		from N/S	Ft. from	•	Latitud			Longitude		County	
С	29	18 S	34 E		16	0 FNL	1500	FWL	32.72553	69° N	103.	5862194	° W	LEA	
							Bottom	Hole	e Location						
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitude			Longitude		County	
M	32	18 S	34 E	L	10	0 FSL	810 F	WL	32.69721	90° N	103.	5883696	° W	LEA	
edica	ated Acres				Т	Infill or Def	ining Well	Defin	ing Well API	Overlapp	ing Spac	ing Unit (Y/N) Con	solidation Code	
28	30					Infill		30-0	0-025-52788 Yes						
rder	Numbers				L				Well setbacks are	in the second		mership:	(es 🛛	No	
							Kick O	ff Po	oint (KOP)						
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitude	9	[Longitude	T	County	
D	29	18 S	34 E		5	0 FNL	810 F	WL	32.72583	81° N	103.	5884643	° W	LEA	
							First Ta	ake P	oint (FTP)						
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitude			Longitude	Т	County	
D	29	18 S	34 E		10	0 FNL	810 F	WL						LEA	
							Last Ta	ke P	oint (LTP)						
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitude	Statistical and the		Longitude	T	County	
M	32	18 S	34 E		10	0 FSL	810 F	WL					° W	LEA	
nitize	ed Area o	r Area of 1	Uniform In	terest		Spacing U	nit Type 🛛	Horiz	ontal 🔲 Vertical			Ground Fl	oor Elev	ation:	
PER	ATOR C	ERTIFICA	TIONS						UIDVEYOD CED	TETC & TT	Ma				
hereby	y certify th	at the inform	nation conta			true and compl			SURVEYOR CER hereby certify that t			n on this plat u	as plotte	d from field notes of	
						lirectional well, nineral interest			ctual surveys made b orrect to the best of t		der my si	upervision, and i	that the s	same is true and	
						t to drill this a ing interest or			•	05	ALL M	Y. Ti			
erest	or to a vi by the div	oluntary pool	ing agreeme	ent or a	comput	sory pooling or	der heretofor	e		A deni	W MA	NO2			
If this well is a horizontal well, I further certify that this organization has received th								Ł			6	•			
nsent	of at least	one lessee a	or owner of	a workin	ng inte	rest or unlease	d mineral in	terest	1	149	1707	9-9-1			
						my part of the order from the		leted		31	-				
	/	$\gamma \Lambda$	1							32	-28-2	10			
		X4	1)		10/14	4/2024			2510	WAL SI	RVEL			
ignat		<u> </u>	~					Signature and Seal of Professional Surveyor							
		leghan '	Twele												
TUDE	ed Name	male®	outles1						Certificate Number	Dai	te of Sur	vey			
-ma		wele@	outiook	.com	1				17078	1 1	10/17,	/22			
	mail Address Note: No allowable will be assigned to this completion until all interests b								. 1010						

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

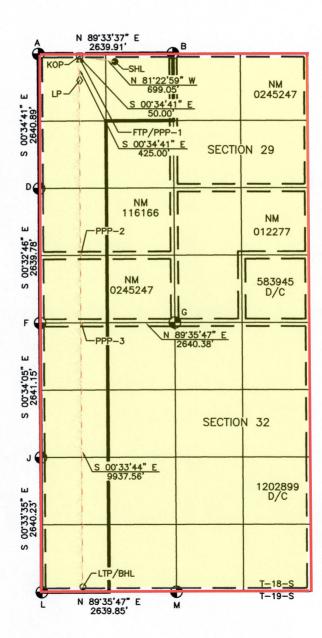
Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

PLAT REVISED: 9/23/24

- Legend:
- SURFACE LOCATION (SHL)
- O = LTP/BHL
- $\Delta = FTP/PPP-1$ $\Box = KICK OFF POINT (KOP)$
- = LANDING POINT (LP) = FOUND 1913 USGLO BRASS CAP
- 0 = FOUND ALUM. CAP PS22896 BC 2018

 $\begin{array}{c} \mbox{CORNER COORDINATES TABLE} \\ \mbox{NAD 83 NME, NMSPC ZONE 3001} \\ \mbox{A} - Y = 628640.23 N, X = 769592.73 E} \\ \mbox{B} - Y = 628660.49 N, X = 772232.66 E} \\ \mbox{D} - Y = 625999.47 N, X = 769619.37 E} \\ \mbox{F} - Y = 625399.47 N, X = 769619.37 E} \\ \mbox{F} - Y = 623378.40 N, X = 779234.85 E} \\ \mbox{J} - Y = 612378.40 N, X = 769670.73 E} \\ \mbox{J} - Y = 618078.69 N, X = 769696.52 E} \\ \mbox{M} - Y = 618097.29 N, X = 772336.30 E} \\ \end{array}$ CORNER COOPDINATES TARE

		CURNER COU	טאט	INATES TABLE		
		NAD 83 NME,	NMS	SPC ZONE 3001		
A	-	LAT.=32.7259741'	N,	LONG.=103.5910987*	W	
В	-	LAT.=32.7259787*	N,	LONG.=103.5825147*	W	
D	-	LAT.=32.7187156*	N,	LONG.=103.5910722°	W	
F	-	LAT.=32.7114601*	N,	LONG.=103.5910504*	W	
G	-	LAT.=32.7114601	N,	LONG.=103.5824663*	W	
J	-	LAT.=32.7042008*	N,	LONG.=103.5910254*	W	
L	-	LAT.=32.6969441*	N,	LONG.=103.5910016°	W	
М	-	LAT.=32.6969441°	N,	LONG.=103.5824207*	W	



NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 628491.71 N X= 771094.37 E LAT: 32.7255369' N LONG: 103.5862194" W

KICK OFF POINT NAD 83 NME, NMSPC ZONE 3001 50' FNL, 810' FWL SEC. 29, T18S, R34E Y= 628596.44 N X= 770403.21 E LAT: 32.7258381' N LONG: 103.5884643" W

FIRST TAKE POINT/PPP-1 NAD 83 NME, NMSPC ZONE 3001 100' FNL, 810' FWL SEC. 29, T18S, R34E Y= 628546.45 N X= 770403.72 E LAT: 32.7257007' N LONG: 103.5884638' W

LANDING POINT NAD 83 NME, NMSPC ZONE 3001 525' FNL, 810' FWL SEC. 29, T18S, R34E Y= 628121.47 N X= 770408.01 E LAT: 32.7245326" N LONG: 103.5884596" W

PPP-2 NAD 83 NME, NMSPC ZONE 3001 1320' FSL, 810' FWL SEC. 29, T185, R34E Y= 624685.28 N X= 770441.73 E LAT: 32.7150877' N LONG: 103.5884285' W

PPP-3 PPP-3 NAD 83 NME, NMSPC ZONE 3001 O'FNL, 810'FWL SEC. 32, T18S, R34E Y= 623365.51 N X= 770454.68 E LAT: 32.7114601'N LONG: 103.5884165'W

LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 618184.39 N X= 770505.52 E LAT: 32.6972190° N LONG: 103.5883696" W

Received by OCD: 11/2/2024 2:07:46 PM

<u>C</u> -	-102			En	ergy,	Minerals	& Natu	ral Re	Mexico Resources Department ON DIVISION					Revised July 9, 2024		
	mit Elect					OIL CO	NSERV	ATION	DIVISION		F		🛛 Init	ial Submittal		
VIA	OCD Peri	mitung										Submittal Type:	Ame	ended Report		
														As Drilled		
						WI	ELL LOC	ATION	INFORMATION	r						
	lumber			Pool (1	Pool Name	-						
)-025-5	52785				21670			l	E-K; W	OLFC	AMP				
-	erty Code 35719			Prope	rty Na	me	DAYT	ONA	29 FED C	M			Well Nu	mber 007H		
OGRID No. Operator Name												Ground	Level Elevation			
330396 AVANT Surface Owner: State Fee Tribal X Federal							ERATING, L					3967				
Surface Owner: _ State _ Fee _ Tribal & Federal							Mineral Owner: X		ree 📋 Tri	bal 🔀 Federal						
117	1 0. 11	Im 11							ocation							
ரு C	Section 29	Township	Range 34 E	Lot		from N/S	Ft. from		Latitud 32.72509		103	Longitude 5862181°		County		
-		100	04 L	1	52		1500		52.72509	72" N	105.	2002101	W	LEA		
	-			_			Bottom	Hole	Location							
UL	Section	Township	Range	Lot	1	from N/S	Ft. from		Latitud			Longitude		County		
N	32	18 S	34 E		10	0 FSL	2190	FWL	32.69721	90° N	103.	5838838	° W	LEA		
Dedica	ted Acres				Т	Infill or Def	ining Well	Definin	ng Well API	Overlapp	ing Spaci	ng Unit (Y/N)	Con	solidation Code		
128	0					Infil	1.	30-	-025-52788		Yes	• • • •				
Order	Numbers	•					1		Vell setbacks are	under Cor			es [X]	No		
							Ri ele C									
UL	Section	Township	Range	Lot	Ft	from N/S	Ft. fron		nt (KOP)	•		Longitude				
С	29	18 S	34 E			0 FNL	2190		32.72584		103.	5839771°	w	County LEA		
		Lancaster			L											
UL	Section	Township	Range	Lot	F4	from N/S	First Ta		pint (FTP)			T				
С	29	18 S	34 E			0 FNL	2190		32.72570	State State States	103.5	Longitude	• w	County LEA		
	L			L	I		L		· · ·							
UL	Section	Township	Range	Lot	174	from N/S	Last Ta		oint (LTP)							
N	32	18 S	34 E	200		0 FSL	2190	•	32.697219		103 5	Longitude	w	County LEA		
	L													LLA		
Jnitize	ed Area o	r Area of	Uniform In	terest		Spacing In	nit Type [Horizo	ntal 🗌 Vertical			Ground Flo	or Flev	ation.		
						proving of	me type 2	A 1101120					JOI MCV			
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the lend including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division $\frac{10/14/2024}{10/14/2024}$ Signature																
Signat	ure	Megha	ın Twel	e				Signature and Seal of Professional Surveyor								
Printe	d Name	megne							ertificate Number		10 of C		with the second			
		ele@oi	utlook a	om				10	er uncate Number	Da	te of Surv	ey				
	mtwele@outlook.com						1			10/17/						

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard until has been approved by the diversion. Case No. 24633 - Avant Exhibit Packet AMENDED Released to Imaging: 11/4/2024 8:44:41 AM

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

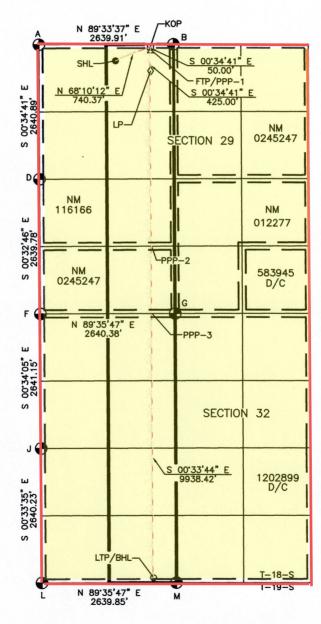
PLAT REVISED: 9/23/24

- Legend:
- = SURFACE LOCATION (SHL) •
- 0 = LTP/BHL
- $\Delta = FTP/PPP-1$
- \Box = KICK OFF POINT (KOP)

= FOUND ALUM. CAP PS22896 BC 2018

				769592.73	
				772232.56	
				769619.37 769644.54	
				772284.85	
				769670.73	
				769696.52	
				772336.30	
C	ORNER COO	RDI	VATE	S TABLE	
NIAD	OT MAIT A	11.10		ZONE 3001	

A	-	LAT.=32.7259741'	N,	LONG.=103.5910987*	W	
в	-	LAT.=32.7259787*	N,	LONG.=103.5825147*	W	
D	-	LAT.=32.7187156	N,	LONG.=103.5910722*	W	
F	-	LAT.=32.7114601*	N,	LONG.=103.5910504*	W	
G	-	LAT.=32.7114601"	N,	LONG.=103.5824663*	W	
J	-	LAT.=32.7042008°	N,	LONG.=103.5910254*	W	
L	-	LAT.=32.6969441*	N,	LONG.=103.5910016*	W	
М	-	LAT.=32.6969441'	N,	LONG.=103.5824207*	W	



NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 628331.73 N X= 771095.90 E LAT: 32.7250972' N LONG: 103.5862181' W

KICK OFF POINT NAD 83 NME, NMSPC ZONE 3001 50' FNL, 2190' FWL SEC. 29, T18S, R34E Y= 628607.04 N X= 771783.18 E LAT: 32.7258405' N LONG: 103.5839771' W

FIRST TAKE POINT/PPP-1 NAD 83 NME, NMSPC ZONE 3001 100' FNL, 2190' FWL SEC. 29, T18S, R34E Y= 628557.04 N X= 771783.68 E AT, 32 7257031' N LAT: 32.7257031" N LONG: 103.5839766" W

LANDING POINT NAD 83 NME, NMSPC ZONE 3001 525' FNL, 2190' FWL SEC. 29, T18S, R34E Y= 628132.06 N X= 771787.97 E LAT: 32.7245350" N LONG: 103.5839724' W

PPP-2 NAD 83 NME, NMSPC ZONE 3001 1320' FSL, 2190' FWL SEC. 29, T18S, R34E Y= 624694.90 N X= 771821.70 E LAT: 32.7150874' N LONG: 103.5839418' W

PPP-3 NAD 83 NME, NMSPC ZONE 3001 0' FNL, 2190' FWL SEC. 32, T18S, R34E Y= 623375.23 N X= 771834.65 E LAT: 32.7114601' N LONG: 103.5839300' W

LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 618194.11 N X= 771885.49 E LAT: 32.6972190' N LONG: 103.5838838' W

Received by OCD: 11/2/2024 2:07:46 PM

<u>C</u> -	-102			En	ergy,	, Minerals		ral F	Resources Depa	artment			Rev	vised July 9, 2024
Sub	mit Elect	ronically				OIL CO	NSERVA	ATIO	ON DIVISION				🛛 Ini	tial Submittal
Via	OCD Perr	nitting										Submittal Type:	Am	ended Report
											1)10.	As	Drilled	
						WT		TION	INFORMATION	T	I			
API N	lumber	*****		Pool (Code			TION	Pool Name					
3	0-025-	52786			2	21670				-K; Wo	lfcam	пр		
Property Code Property Name DAYTO					ONA	29 FED C	ом			Well N	^{umber} 008H			
OGRED No. Operator Name 330396 AVANT (г оf	ERATING, L	LC			Groune	d Level Elevation 4048			
Surfa	ce Owner:	State] Fee 🗌 T	ribal 🛛	Feder	ral			Mineral Owner: X	State 🗌 1	fee 🗌 T	ribal 🔀 Federa	1	
							Surf	ace	Location					
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from	n E/W	Latitud	e	Ι	Longitude		County
Α	29	18 S	34 E		79	6 FNL	1043	FEL	32.72378	52° N	103.	5772997	° W	LEA
									e Location					
υг О	Section 32	Township 18 S	Range 34 E	Lot		from N/S	Ft. from	•	Latitud 32.69721		103	Longitude .5794010	0 141	County
	1 52	10 3	194 L	L		NOT SE	1/10/1		52.09721	// IN	105	.5794010	vv	LEA
	ated Acres				T	Infill or Def	ining Well	Defin	ning Well API	Overlapp	ing Spa	cing Unit (Y/N) Cor	nsolidation Code
128	0					Infill		30	-025-52788		Yes			
Order	Numbers.				········			Τ	Well setbacks are under Common Ownership:				(es 🛛	No
							Kick 0	ff P	oint (KOP)					
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitud	e	<u> </u>	Longitude		County
в	29	18 S	34 E		5	0 FNL	1710 1		32.72583	79° N	103.	5794719	° w	LEA
			L				First Ta	ke l	Point (FTP)					
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitud	e	Γ	Longitude	1	County
В	29	18 S	34 E		10	0 FNL	1710 F	FEL	32.72570	04° N	103.	5794716	° W	LEA
							Last Ta	ke F	oint (LTP)					
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitud	e		Longitude	1	County
0	32	18 S	34 E		10	0 FSL	1710 F	FEL	32.69721	77° N	103.	5794010	° W	LEA
Unitiz	ed Area or	Area of 1	Uniform In	terest		Spacing U	nit Type 🛛	Horiz	contal 🗌 Vertical			Ground Fl	oor Elev	vation:
						1								
OPE	RATOR	CERTI	FICATIO	ONS				T	SURVEYOR (CERTIFI	CATIO	ONS		
l hereby	y certify the	st the inform	nation conto	ined her		true and compi tirectional well.		st of	I hereby certify the	at the well	location	n shown on thi		
organiz	ation either	owns a wor	king interes	st or unl	eased n	nineral interest	t in the land	En l'Andre B	was plotted from f		-			
ocation	pursuant i	o a contract	with an or	wher of a	ı worki	t to drill this a ing interest or	unleased min	veral	or under my super correct to the best	of my beli	CHALL	W. LA	e ana	
	, or to a vo by the divi		ing agreem	ent or a	comput	lsory pooling or	rder heretofor	e	correct to the best	AM	IN	MER E		
			L I furtham	contifs.	hat +1.:	is organization	has marined		~	17	HE	No V	1	
consent	of at least	one lessee o	or owner of	a workin	ng inte	rest or unlease	d mineral in	terest	111	A COL	TYA	178		•
						any part of the order from the		ieted	/	19	L	JT	1	
		1th	1			10/14	4/2024			B.	4-21	8-24 8	/	
Signa		ь T1			Da			Signature and Seal of Professional Surveyor SUNIE						
	Megha	n Twele	•		Carliffords Number Data of Comme									
									Certificate Number		Date of S	штеу		
	mtwele	e@outlo	ook.cor	<u>n</u>					17078	3	10/17	/22		

Note: 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. Case No. 24633 - Avant Exhibit Packet AMENDED

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

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Plat Revised: 9/21/24

Legend:

- = SURFACE LOCATION (SHL) = LTP/BHL Δ = FTP/PPP-1
- \Box = KICK OFF POINT (KOP)
- ♦ = LANDING POINT (LP)
 FOUND 1913 USGLO = FOUND 1913 USGLO BRASS CAP

CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001

NAD 83 NME, NMSPC ZONE 3001 B - Y= 628660.49 N, X= 772232.56 E C - Y= 628675.79 N, X= 774878.22 E E - Y= 628375.79 N, X= 774917.75 E G - Y= 623378.40 N, X= 774917.75 E H - Y= 623394.56 N, X= 774955.84 E K - Y= 620754.47 N, X= 774955.70 E M - Y= 618097.29 N, X= 772336.30 E N - Y= 618114.70 N, X= 774975.43 E

 $\begin{array}{r} \label{eq:constraints} CORNER COORDINATES TABLE \\ NAD 83 NME, NMSPC ZONE 3001 \\ B - LAT.=32.7259787^{\circ} N, LONG.=103.5738119^{\circ} W \\ C - LAT.=32.7259689^{\circ} N, LONG.=103.5738969^{\circ} W \\ G - LAT.=32.7114501^{\circ} N, LONG.=103.5738801^{\circ} W \\ H - LAT.=32.7114528^{\circ} N, LONG.=103.5738801^{\circ} W \\ K - LAT.=32.7041961^{\circ} N, LONG.=103.5738801^{\circ} W \\ M - LAT.=32.6969441^{\circ} N, LONG.=103.5738418^{\circ} W \\ N - LAT.=32.6969444^{\circ} N, LONG.=103.5738418^{\circ} W \\ \end{array}$

	N 89*40'0 B 2645.7	,	c
<u>S 00'30'38"</u> 50.00' FTP/PPP-1- <u>S 00'30'38"</u> 425.00'	KOP-	SHL	00'30'38" E 2639.98'
SECTION 29		NM 0245247	о 98 98 98 98
NM 116166		PPP-2 NM 012277	S 00'31'21" E 2641.47'
NM 0245247	G	583945 D/C	н s 00.3 264
<u>N 89'38'58"</u> 2641.03'			22" E 20'
SECTION 32			X 8 00.32 2640.
1202899 D/C <u>s oor</u> 99	<u>31'41" E</u> 37.93'		12" E 39'
			S 00'32' 2639.1
1-19-5	M N 89 26	37'19"E 39.19'	N

SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 627873.86 N X= 773842.04 E X= 773642.04 L LAT: 32.7237852* N LONG: 103.5772997* W

≥

KICK OFF POINT NAD 83 NME, NMSPC ZONE 3001 50' FNL, 1710' FEL SEC. 29, T18S, R34E Y= 628615.90 N X= 773168.69 E LAT: 32.7258379" N LONG: 103.5794719' W

FIRST TAKE POINT/PPP-1 NAD 83 NME, NMSPC ZONE 3001 100' FNL, 1710' FEL SEC. 29, T18S, R34E Y= 628565.90 N X= 773169.14 E LAT: 32.7257004' N LONG: 103.5794716' W

LANDING POINT NAD 83 NME, NMSPC ZONE 3001 525' FNL, 1710' FEL SEC. 29, T18S, R34E Y= 628140.92 N X= 773172.92 E LAT: 32.7245323' N LONG: 103.5794691' W

PPP-2 NAD 83 NME, NMSPC ZONE 3001 2640' FSL, 1709' FEL SEC. 29, T18S, R34E Y= 626024.12 N X= 773192.43 E LAT: 32.7187140° N LONG: 103.5794546" W

PPP-3 NAD 83 NME, NMSPC ZONE 3001 0' FNL, 1709' FEL SEC. 32, T18S, R34E Y= 623384.10 N X= 773216.77 E LAT: 32.7114576" N LONG: 103.5794365' W

LAST TAKE POINT/
 DASI
 TARE
 POINT/

 BOTTOM
 HOLE
 LOCATION

 NAD
 83
 NME, NMSPC
 ZONE
 3001

 Y=
 618203.41
 N
 X
 773264.53
 E

 VIA
 773264.53
 E
 N
 X
 2
 773264.53
 E
 LAT: 32.6972177 N LONG: 103.5794010 W

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

Received by OCD: 11/2/2024 2:07:46 PM

<u>C-102</u> State of New M Energy, Minerals & Natural Re									sources Depa	rtment			R	evised July 9, 2024
	mit Elect					OIL COI	NSERVA	TION	DIVISION				🛛 In	itial Submittal
Via	OCD Pern	hitting										Submittal Type:		nended Report
													As Drilled	
						WE	LL LOCA	TION	INFORMATION	ſ				
API N	umber	5-52787	7	Pool C		21670			Pool Name E-	K;Wolf	camr	 1		
Prope	sty Code	5-5218	/	Proper	_						Cum		Well	Number
	335719						DAYT	ONA	29 FED C0	DM			0	009H
OGRIE	о n o. 330	396		Operat	or Na		AVANT	OPE	ERATING, L	LC			Grou	nd Level Elevation 4048
Surfa		State] Fee 🗌 T	ribal 🛛	Feder	al		1	Mineral Owner: 🛛	State 🗌 F	ee 🗌 T	ribal 🛛 Federa	ป	
							Surfa	ace L	ocation					
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitud			Longitude		County
Α	29	18 S	34 E		92	I FNL	977	FEL	32.72338	53° N	103	.5770832	2° W	LEA
							Bottom	Hole	Location					
ரு P	Section	Township	Range 34 E	Lot		from N/S 0 FSL	Ft. from 330		Latitud 32.69721		103	Longitude .5749152	0 14/	County LEA
F	32	18 S	34 E		10	UFSL	5501	L	52.09721	57 N	105	. 3749132		
	ated Acres		_			Infill or Defi	ining Well	Defini	ng Well API	Overlappi	ing Spa	cing Unit (Y/N	I) C	onsolidation Code
128	30					Infill		30-	025-52788		Yes	6		
Order	Numbers			-				1	Well setbacks are	under Con	nmon ()wnership:	Yes	X No
							Kick O	ff Poi	int (KOP)					
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitud	-	107	Longitude		County
Α	29	18 S	34 E		5	0 FNL	330	FEL	32.72583	27" N	105.	.5749846	5- VV	LEA
								_	oint (FTP)		r			
UL A	Section 29	Township	Range 34 E	Lot		from N/S 0 FNL	Ft. from 330		Latitud 32.72569		103	Longitude .5749843	5° W	LEA
			04 2			0 THE			1	00 11	100			
UL	Section	Township	Range	Lot	Ft	from N/S	Last Ta		oint (LTP)	e		Longitude	-	County
P	32	18 S	-			0 FSL	330 1		32.69721	-	103	.5749152	° W	
														· · · · · · · · · · · · · · · · · · ·
Unitiz	ed Area o	r Area of 1	Uniform In	terest		Spacing U	nit Type [Horizo	ontal 🗌 Vertical			Ground F	loor E	levation:
I hereb my kno organiz- includi location theres enteres interes Signe Print	ny certify the oroledge and cation either ing the prop n pursuant t, or to a v t by the disc well is a h t of at least h tract (in al will be for atture Me ced Name	belief, and, ours a wor ased bottom a to a contract obstary pool ission. We target po catid ar other eghan T ele@our	nation cont if the well bing intere- hole location is with an o is with an o is or forma- ined a com wele	ained her is vertil st or usu n or has where of end or a coertify a vorbi tion) in pulsory ;	eal or of leased 1 a right a work compu- that the that the ing inte which opooling	true and comp tirectional well nineral interest ing interest or lsory pooling or is organisation rest or valease any part of the order from the 10/14/2 ate	, that this t in the land well at this unleased mi rder heretofor has received ad mineral in s well's comp division	est of I u orneral the derest oleted	SURVEYOR (hereby certify th pas plotted from f r under my super orrect to the best Signature and Seal	at the well field notes of me bell of me bell of Provident	location of acture that	on shown on the al surveys made the some is true to some is the some is true to some is the so	de by : ue and	me

Note: 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. Case No. 24633 - Avant Exhibit Packet AMENDED 45

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

Plat Revised: 9/21/24

- Legend:
- SURFACE LOCATION (SHL)
- O = LTP/BHL $\Delta = FTP/PPP-1$
- \Box = KICK OFF POINT (KOP)
- \Diamond = LANDING POINT (LP)
- = FOUND 1913 USGLO BRASS CAP

						X= 773 LAT: 32 LONG: 1
		Ва	N 89'44 2645	0'07" E 5.71'	<u>\$ 00°30</u> 50.0	
			<u>N 35'31'31"</u> 1099.78' SHL —	KOP-	С ТР/РР 	P-1 <u>KICK OF</u> NAD 83 50' FNL SEC. 29 Y= 628 X= 774 LAT: 32
	SECTIO	N 29	<u>\$ 00°30'3</u> 425.0 NM 0245247		2639.9	LONG: 1 FIRST T NAD 83 100' FN SEC. 29
CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 B - Y= 628660.49 N, X= 772232.56 E C - Y= 628675.79 N, X= 774878.22 E E - Y= 626035.92 N, X= 7748701.75 E		NM 116166		PPP-2-	21" E	Y= 628 X= 774 LAT: 32 LONG:
G - Y= 623378.40 N, X= 772284.85 E H - Y= 623394.56 N, X= 774925.84 E K - Y= 620754.47 N, X= 774950.70 E M - Y= 618097.29 N, X= 772336.30 E N - Y= 618114.70 N, X= 774975.43 E	NM 0245247		NM 012277	PPP-3-	S 00'31'2 2641.4	LANDING NAD 83 525' FM SEC. 29 Y= 628 X= 774 LAT: 32
CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 B - LAT.=32.7259787' N, LONG.=103.5825147' W C - LAT.=32.7259689' N, LONG.=103.5739119' W E - LAT.=32.7187129' N, LONG.=103.5738969' W G - LAT.=32.7114528' N, LONG.=103.5738801' W H - LAT.=32.7041961' N, LONG.=103.5738601' W K - LAT.=32.6969404' N, LONG.=103.5738617' W M - LAT.=32.6969404' N, LONG.=103.5738618' W	<u> </u>	<u>N 89'38'</u> 2641.0	G 58" E 03'	D/C 	2'22" E	PPP-2 NAD 83 2641' F SEC. 29 Y= 626 X= 774
	SECTI	ON 32			× \$ 00'32'22"	LAT: 32. LONG: 1 <u>PPP-3</u> NAD 83 1321' F SEC. 29
	1202899 D/C		<u>s oo:</u> 993	<u>31'41" E</u> 36.80'	00'32'12" E	Y= 624 X= 774 LAT: 32 LONG: 1 <u>PPP-4</u> NAD 83 0' FNL,
	<u>T-18-S</u>				S 00.3	SEC. 32 Y= 623 X= 774 LAT: 32 LONG: 1
	T–19–S			57'19"E 9.19'	N	BOTTOM NAD 83

SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 627728.82 N X= 773909.63 E 2.7233853' N 103.5770832° W

KICK OFF POINT
NAD 83 NME, NMSPC ZONE 3001
50' FNL, 330' FEL
SEC. 29, T18S, R34E
Y= 628623.89 N
X= 774548.67 E
LAT: 32.7258327" N
LONG: 103.5749846' W
FIRST TAKE POINT/PPP-1
NAD 83 NMF NMSPC 70NF 3001

B3 NME, NMSPC ZONE 3001 FNL, 330' FEL 29, T18S, R34E 28573.89 N 74549.12 E 32.7256953° N 103.5749843' W

<u>NG POINT</u> B3 NME, NMSPC ZONE 3001 FNL, 330' FEL 29, T18S, R34E 28148.90 N 4552.91 E 32.7245272° N 103.5749819° W

2 33 NME, NMSPC ZONE 3001 FSL, 329' FEL 29, T18S, R34E 26033.65 N 74572.40 E 2.7187131' N 103.5749677' W

3 NME, NMSPC ZONE 3001 FSL, 329' FEL 29, T18S, R34E 4713.09 N 74584.58 E 2.7150834' N 103.5749589° W

3 NME, NMSPC ZONE 3001 L, 329 FEL 32, T18S, R34E 23392.54 N 74596.75 E 2.7114537 N 103.5749500° W

TAKE POINT/ M HOLE LOCATION 33 NME, NMSPC ZONE 3001 Y= 618212.52 N X= 774644.50 E LAT: 32.6972157 N LONG: 103.5749152' W

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

Case No. 24633 - Avant Exhibit Packet AMENDED

EXHIBIT A-12

DAYTONA WC UNIT WELL PROPOSAL LETTER & AFE

April 11, 2024

Sent via USPS

Kaiser-Francis Oil Company 6733 S Yale Ave Tulsa, OK 74136

RE: Daytona 29 Fed Com 006H, 007H, 008H, 009H Sections 29 & 32, Township 18 South, Range 34 East Lea County, New Mexico

Ladies and Gentlemen:

Avant Operating, LLC ("Avant") hereby proposes to drill and complete the Daytona 29 Fed Com 006H, 007H, 008H, and 009H wells in Sections 29 and 32, Township 18 South, Range 34 East, Lea County, New Mexico. Avant is finalizing reports and title shows you have an interest in the referenced lands.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping of each proposed well is itemized on the enclosed Authority for Expenditures ("AFE").
- **Daytona 29 Fed Com #006H**: to be drilled from a SHL of 160' FNL & 1,500' FWL of Section 29 and a BHL of 100' FSL & 810' FWL of Section 32. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,800' TVD and will be drilled horizontally to a Measured Depth of approximately 21,123'.
- Daytona 29 Fed Com #007H: to be drilled from a SHL of 320' FNL & 1,500' FWL of Section 29 and a BHL of 100' FSL & 2,190' FWL of Section 32. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,800' TVD and will be drilled horizontally to a Measured Depth of approximately 21,123'.
- **Daytona 29 Fed Com #008H**: to be drilled from a SHL of 796' FNL & 1,043' FEL of Section 29 and a BHL of 100' FSL & 1,710' FEL of Section 32. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,800' TVD and will be drilled horizontally to a Measured Depth of approximately 21,123'.
- **Daytona 29 Fed Com #009H**: to be drilled from a SHL of 941' FNL & 977' FEL of Section 29 and a BHL of 100' FSL & 330' FEL of Section 32. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,800' TVD and will be drilled horizontally to a Measured Depth of approximately 21,123'.

Avant reserves the right to modify the locations and drilling plans described above to address topography, cultural or environmental concerns, among other reasons.

Avant is proposing to drill the proposed wells under the terms of a modified 1989 AAPL form of Operating Agreement ("JOA"). This JOA will be sent to you following this proposal with the following general provisions:

- 100%/300%/300% non-consent penalty
- \$10,000/\$1000 drilling and producing monthly overhead rates
- Contract Area of Section 29-T18S-R34E and Section 32-T18S-R34E
- This proposed Operating Agreement will supersede any and all existing Operating Agreements as to all depths on all horizontal wells drilled after the effective date of the JOA.

If we do not reach an agreement within thirty (30) days of receipt of these well proposals, Avant will file an application(s) with the New Mexico Oil Conservation Division to compulsory pool your interest into a spacing unit(s) for the proposed wells to promote the development of these lands.

Please indicate your elections in the spaces provided on the following pages. If you elect to participate in the drilling and completion of the wells proposed herein, please sign, and return a copy of this letter along with the enclosed AFEs within thirty (30) days of receipt of this proposal.

In the event you do not wish to participate in this proposed development and would be interested in selling your interest, please let us know. Should you have any questions, please contact the undersigned at <u>sophia@avantnr.com</u> or (303) 519-2870.

Sincerely,

Sophia Guerra Senior Landman

Enclosures

Kaiser-Francis Oil Company elects as follows:

Daytona 29 Fed Com #006H:

 _ I/We hereby elect to participate in the Daytona 29 Fed Com #006H well.
 _ I/We hereby elect NOT to participate in the Daytona 29 Fed Com #006H well.

Daytona 29 Fed Com #007H:

_____ I/We hereby elect to participate in the **Daytona 29 Fed Com #007H** well. _____ I/We hereby elect **NOT** to participate in the **Daytona 29 Fed Com #007H** well.

Daytona 29 Fed Com #008H:

_____ I/We hereby elect to participate in the **Daytona 29 Fed Com #008H** well. _____ I/We hereby elect **NOT** to participate in the **Daytona 29 Fed Com #008H** well.

Daytona 29 Fed Com #009H:

_____ I/We hereby elect to participate in the **Daytona 29 Fed Com #009H** well. _____ I/We hereby elect **NOT** to participate in the **Daytona 29 Fed Com #009H** well.

Kaiser-Francis Oil Company

By: _____

Printed Name: _____

Date:



Authority for Expenditure

AFE:	NM0188	Date:	May 1	6, 2023
Well Name:	Daytona 29 Fed Com #006H	Projected MD	/TVD:	21123 / 10800
Target:	Wolfcamp	Spud	to TD:	15.2 days
County:	Lea	Lateral Le	ength:	10,000
State:	NM	S	tages:	64
SHL:	Sec: 29, T-18S, R-34E; 160 FNL, 1500 FWL	Total Proppant	(ppf):	2,500
BHL:	Sec: 32, T-18S, R-34E; 100 FSL, 810 FWL	Total Fluid (g	al/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Daytona 29 Fed Com #006H, a 2 section Wolfcamp horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 14.75'' surface hole drilled on Fresh to 1300' and 10.75'' 40.5# J-55 BTC casing will be set and cemented in place; 9.875'' hole will then be drilled on Brine to 10500' and a string of 7.625'' 29.7# P-110 HC LTC casing will be set and cemented in place; 6.75'' production hole will then be drilled on OBM to 21123' and a string of 5.5'' 20# P-110 HC GBCD casing will be set and cemented in place. There will be 10000' of treatable lateral and the completions design will consist of +/-64 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$4,572,394
COMPLETIONS:	\$6,602,527
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,239,948

OPERATOR APPROVAL:

Signature: Name:	Jacob Nagy	Date: Title: CO-C.E.O.
Signature: Name:	Skyler Gary	Date: Title: CO-C.E.O.
Signature: Name:	Pete Williams	Date: Title: C.F.O.
Signature: Name:	Braden Harris Case No. 24633 - Avant Exhibit Pa	Date: Title: S.V.P. Operations

Received by OCD: 11/2/2024 2:07:46 PM

AFE # NM0188 - Daytona 29 Fed Com #006H

840 840 840 Fangible Com 840	lling 00.301 00.302 00.302 00.303	Surface Casing: Intermediate1 Casing:	\$ \$ \$	1,518,316 90,728	\$ \$	-	\$ \$	-	\$ \$	1,518,31 90,72
840 840 840 Fangible Com 840	00.302 00.302	Intermediate1 Casing:		,		-	\$	-	\$	90,72
840 840 840 Fangible Com 840	00.302		\$							
840 840 angible Com 840			÷	612,966	\$	-	\$	-	\$	612,96
angible Com 840	00 303	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
angible Com	00.000	Production Casing:	\$	757,720	\$	-	\$	-	\$	757,72
angible Com	00.340	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,90
840			\$	-	\$	-	\$	-	\$	
840	nnletion		\$	_	\$	305,653	\$	-	\$	305,65
	-	Tubing:	\$		\$	156,716	₽ \$		\$	156,71
	00.340	Wellhead Equip:	\$		\$	107,841	\$	-	\$	107,84
		Artificial Lift: Gas Lift		-				-		
840	00.312	Artificial Lift. Gas Lift	\$	-	\$	41,096	\$	-	\$	41,09
			\$	-	\$	-	\$	-	\$	
angible Facil	-		\$	-	\$	-	\$	815,651	\$	815,65
840	00.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,38
840	00.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,30
840	00.343	Flare:	\$	-	\$	-	\$	19,963	\$	19,96
840	00.344	Compressors:	\$	-	\$	-	\$	13,912	\$	13,91
	00.316	Pipe/Valves/Fittings:	\$	-	\$	_	\$	117,518	\$	117,51
	00.328	Instrumentation/Meters:	\$	_	\$	_	\$	36,201	\$	36,20
	00.328	LACT Unit:	\$	-	\$		φ \$	00,201	\$	50,20
				-		-		-		
	00.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
	00.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,23
	00.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,24
840	00.349	Pipelines:	\$	-	\$	-	\$	-	\$	
840	00.315	Flowlines:	\$	-	\$	-	\$	-	\$	
840	00.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,89
			\$	-	\$	-	\$	-	\$,
	τ	OTAL TANGIBLE COSTS >>>	,	1,518,316	\$	305,653	\$	815,651	\$	2,639,62
	1	OTAL TANGIBLE COSTS	φ	1,510,510	φ	303,033	φ	015,051	φ	2,039,020
				Duillin a					1	Tatal
		INTANGIBLE COSTS		Drilling		ompletion	-	Facilities		Total
ntangible Dri	-		\$	3,054,078	\$	-	\$	-	\$	3,054,07
820	00.111	Survey, Stake/Permit:	\$	5,269	\$	-	\$	-	\$	5,26
820	00.113	Damages/ROW:	\$	7,903	\$	-	\$	-	\$	7,90
820	00.149	Legal, Title, Etc.	\$	10,538	\$	-	\$	-	\$	10,53
820	00.152	Well Control Insurance:	\$	7,903	\$	-	\$	-	\$	7,90
820	00.112	Location:	\$	91,542	\$	-	\$	-	\$	91,54
	00.103	Rig Move:	\$	79,822	\$	-	\$		\$	79,82
	00.102	Drilling Daywork:	\$	835,901	\$	_	\$	_	\$	835,90
	00.102	Fuel/Power:	\$	165,282	\$		\$		\$	165,28
						-		-		
	00.116	Bits & BHA:	\$	81,394	\$	-	\$	-	\$	81,39
	00.128	Directional:	\$	236,682	\$	-	\$	-	\$	236,68
	00.117	Mud & Chemicals:	\$	174,091	\$	-	\$	-	\$	174,09
820	00.115	Mud - Drill Water:	\$	4,350	\$	-	\$	-	\$	4,35
820	00.169	Mud Brine:	\$	18,870	\$	-	\$	-	\$	18,87
820	00.170	Mud - Diesel:	\$	63,689	\$	-	\$	-	\$	63,68
	00.119	Mud - Auxiliary:	\$	30,912	\$	_	\$	-	\$	30,91
	00.164	Solids Control/Closed Loop:	\$	110,069	\$		\$	-	\$	110,06
	00.158	Disposal:	\$	176,003	\$		\$		\$	176,00
	00.156	•				-		-		
		Equipment Rental:	\$	163,250	\$	-	\$	-	\$	163,2
	00.146	Mancamp:	\$	45,314	\$	-	\$	-	\$	45,3
	00.137	Casing Services:	\$	72,109	\$	-	\$	-	\$	72,10
	00.138	Cementing:	\$	200,213	\$	-	\$	-	\$	200,21
820	00.106	Transportation:	\$	133,794	\$	-	\$	-	\$	133,79
820	00.125	Inspection/Testing:	\$	45,311	\$	-	\$	-	\$	45,31
820	00.144	Company Supervision:	\$	2,400	\$	-	\$	-	\$	2,40
	00.107	Consulting Services:	\$	246,352	\$	_	\$	-	\$	246,3
	00.127	Contract Labor:	\$	27,283	\$		\$	-	\$	27,28
	00.127	Roustabout Services:	\$	2,193	\$	-	\$ \$	-	\$	2,19
				2,193		-		-		۷, ۱
	00.136	Mudlogging:	\$		\$	-	\$	-	\$	
1 820	00.143	Geo-Steering:	\$	8,044	\$	-	\$	-	\$	8,04
	00.134	Open Hole Logging:	\$	-	\$	-	\$	-	\$	
	00.135	Coring & Analysis:	\$	-	\$	-	\$	-	\$	
820		Safety & Environmental:	\$	2,483	\$		\$	-	¢.	2,4
820 820	00.165		1.0	2,400	Ψ	-	Ψ	-	\$	2,4
820 820 820	00.165 00.147	Drilling Overhead:	\$	5,112	•		φ \$	-	ծ \$	2,4

AFE # NM0188 - Daytona 29 Fed Com #006H

Intangible Completion					
	\$	-	\$ 6,296,874	\$ -	\$ 6,296,874
8300.205 Location & Roads:	\$	-	\$ 5,294	\$ -	\$ 5,294
8300.216 Cased Hole Logs & Surveys	\$	-	\$ -	\$ -	\$ -
8300.243 Analysis	\$	-	\$ 12,645	\$ -	\$ 12,645
8300.270 Stimulation:	\$	-	\$ 1,483,399	\$ -	\$ 1,483,399
8300.275 Proppant:	\$	-	\$ 1,193,418	\$ -	\$ 1,193,418
8300.207 Water:	\$	-	\$ 932,358	\$ -	\$ 932,358
8300.274 Water Transfer:	\$	-	\$ 82,673	\$ -	\$ 82,673
8300.266 Chemicals:	\$	-	\$ 443,277	\$ -	\$ 443,277
8300.209 Pump Down Services:	\$	-	\$ 110,117	\$ -	\$ 110,117
8300.214 Wireline/Perforating:	\$	-	\$ 399,556	\$ -	\$ 399,556
8300.203 Fuel, Power:	\$	-	\$ 700,280	\$ -	\$ 700,280
8300.210 Rental Equipment (Surface):	\$	-	\$ 371,475	\$ -	\$ 371,475
8300.277 Mancamp:	\$	-	\$ 18,815	\$ -	\$ 18,815
8300.250 Rental Equipment (Downhole):	\$	-	\$ 43,431	\$ -	\$ 43,431
8300.232 Disposal:	\$	-	\$ 28,704	\$ -	\$ 28,704
8300.276 Safety & Environmental:	\$	-	\$ 6,876	\$ -	\$ 6,876
8300.277 Consulting Services:	\$	-	\$ 200,739	\$ -	\$ 200,739
8300.212 Contract Labor:	\$	-	\$ 30,506	\$ -	\$ 30,506
8300.278 Roustabout Services:	\$	-	\$ 1,581	\$ -	\$ 1,581
8300.220 Company Supervision:	\$	-	\$ 5,058	\$ -	\$ 5,058
8300.230 Completions Rig:	\$	-	\$ 39,516	\$ -	\$ 39,516
8300.271 Coil Tubing Unit	\$	-	\$ 112,065	\$ -	\$ 112,065
8300.273 Flowback:	\$	-	\$ 59,201	\$ -	\$ 59,201
8300.229 Transportation:	\$	-	\$ 15,892	\$ -	\$ 15,892
8300.225 Contingency:	\$	-	\$ -	\$ -	\$ -
Intangible Facilities	\$	-	\$ -	\$ 249,376	\$ 249,376
8350.401 Title Work/Permit Fees:	\$	-	\$ -	\$ -	\$ -
8350.402 Damages/ROW:	\$	-	\$ -	\$ -	\$ -
8350.403 Location, Roads:	\$	-	\$ -	\$ 499	\$ 499
8350.405 Pipeline/Flowline Labor:	\$	-	\$ -	\$ -	\$ -
8350.406 Automation/Electrical Labor:	\$	-	\$ -	\$ -	\$ -
8350.407 Engineering/Technical Labor:	\$	-	\$ -	\$ 56,823	\$ 56,823
8350.408 Civil/Mechanical Labor:	\$	_	\$ _	\$ 115,718	\$ 115,718
8350.409 Commissioning Labor:	\$	-	\$ -	\$ -	\$ -
8350.410 Transportation:	\$	-	\$ -	\$ 15,638	\$ 15,638
8350.404 Equipment Rentals:	\$	_	\$ _	\$ 9,982	\$ 9,982
8350.411 Safety & Environmental:	\$	-	\$ -	\$ -	\$ -,002
8350.413 Contingency:	\$	-	\$ -	\$ 50,716	\$ 50,716
TOTAL INTANGIBLE COSTS	,	3,054,078	6,296,874	\$ 249,376	\$ 9,600,328

TOTAL D&C&F COSTS >>>	\$ 4,572,394	\$ 6,602,527	\$ 1,065,027	\$ 12,239,948
TOTAL D&C&F COSTS >>>	Drilling	Completion	Facilities	Total

This Authority For Expenditure is based on cost estimates only. Billing will reflect your proportionate share of the actual invoice costs.

JOINT INTEREST APPROVAL:

Company: _____ Working Interest: _____

Signature:

Date:

Ву:_____



Authority for Expenditure

AFE:	NM0189	Date:	May 1	6, 2023
Well Name:	Daytona 29 Fed Com #007H	Projected MD	/TVD:	21123 / 10800
Target:	Wolfcamp	Spud	to TD:	15.2 days
County:	Lea	Lateral Le	ength:	10,000
State:	NM	S	tages:	64
SHL:	Sec: 29, T-18S, R-34E; 320 FNL, 1500 FWL	Total Proppant	(ppf):	2,500
BHL:	Sec: 32, T-18S, R-34E; 100 FSL, 2190 FWL	Total Fluid (g	al/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Daytona 29 Fed Com #007H, a 2 section Wolfcamp horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 14.75'' surface hole drilled on Fresh to 1300' and 10.75'' 40.5# J-55 BTC casing will be set and cemented in place; 9.875'' hole will then be drilled on Brine to 10500' and a string of 7.625'' 29.7# P-110 HC LTC casing will be set and cemented in place; 6.75'' production hole will then be drilled on OBM to 21123' and a string of 5.5'' 20# P-110 HC GBCD casing will be set and cemented in place. There will be 10000' of treatable lateral and the completions design will consist of +/-64 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$4,572,394
COMPLETIONS:	\$6,602,527
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,239,948

OPERATOR APPROVAL:

Signature: Name:	Jacob Nagy	Date: Title: CO-C.E.O.
Signature: Name:	Skyler Gary	Date: Title: CO-C.E.O.
Signature: Name:	Pete Williams	Date: Title: C.F.O.
Signature: Name:	Braden Harris Case No. 24633 - Avant Exhibit Pa	Date: Title: S.V.P. Operations

Received by OCD: 11/2/2024 2:07:46 PM

AFE # NM0189 - Daytona 29 Fed Com #007H

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angible Drilling	TANGIBLE COSTS	\$	Drilling 1,518,316	Completion \$ -	\$	Facilities -	\$	Total 1,518,3 [,]
8400.301	Surface Casing:	ə \$	90,728	ə - \$-	⊅ \$	-	⊅ \$	90,7
					· ·	-		
8400.302	Intermediate1 Casing:	\$	612,966	\$-	\$	-	\$	612,9
8400.302	Intermediate2 Casing:	\$	-	\$ -	\$	-	\$	
8400.303	Production Casing:	\$	757,720	\$-	\$	-	\$	757,7
8400.340	Wellhead Equipment:	\$	56,903	\$-	\$	-	\$	56,9
		\$	-	\$-	\$	-	\$	
angible Completior		\$	-	\$ 305,653	\$	-	\$	305,6
8400.308	Tubing:	\$	-	\$ 156,716	\$	-	\$	156,7
8400.340	Wellhead Equip:	\$	-	\$ 107,841	\$	-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	_	\$ 41,096	\$	_	\$	41,0
0400.012		\$		\$ -	\$		\$	
			-			045.054		045.0
angible Facility		\$	-	\$-	\$	815,651	\$	815,6
8400.341	Vessels:	\$	-	\$ -	\$	155,381	\$	155,3
8400.342	Tanks:	\$	-	\$-	\$	71,306	\$	71,3
8400.343	Flare:	\$	-	\$-	\$	19,963	\$	19,9
8400.344	Compressors:	\$	-	\$-	\$	13,912	\$	13,9
8400.316	Pipe/Valves/Fittings:	\$	-	\$-	\$	117,518	\$	117,
8400.328	Instrumentation/Meters:	\$	-	\$ -	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$	_	\$-	\$		\$	
8400.345	Electrical Facility:	\$	-	\$ -	\$	-	\$ \$	
	-		-			-		10
8400.347	Containment:	\$	-	\$ -	\$	19,231	\$	19,1
8400.348	Pump/Supplies:	\$	-	\$-	\$	29,247	\$	29,
8400.349	Pipelines:	\$	-	\$-	\$	-	\$	
8400.315	Flowlines:	\$	-	\$-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$	-	\$-	\$	352,891	\$	352,8
		\$	-	\$-	\$	-	\$	
7	OTAL TANGIBLE COSTS >>>	Ś	1,518,316	\$ 305,653	\$	815,651	\$	2,639,6
		Ψ	1,010,010	φ 300,003	Ψ	010,001	Ψ	2,000,0
	INTANGIBLE COSTS		Drilling	Completion		Facilities		Total
ntangible Drilling		e	3,054,078		¢		\$	
	Ourse Otalia / Damait	\$		\$-	\$	-		3,054,0
8200.111	Survey, Stake/Permit:	\$	5,269	\$ -	\$	-	\$	5,2
8200.113	Damages/ROW:	\$	7,903	\$-	\$	-	\$	7,
								10 /
8200.149	Legal, Title, Etc.	\$	10,538		\$	-	\$	10,
8200.149 8200.152	Legal, Title, Etc. Well Control Insurance:				\$ \$	-	\$ \$	
	-	\$	10,538 7,903	\$-		-		7,9
8200.152 8200.112	Well Control Insurance: Location:	\$ \$ \$	10,538 7,903 91,542	\$ - \$ - \$ -	\$ \$	- - - -	\$ \$	10,5 7,5 91,5 79,5
8200.152 8200.112 8200.103	Well Control Insurance: Location: Rig Move:	\$ \$ \$	10,538 7,903 91,542 79,822	\$ - \$ - \$ - \$ -	\$ \$ \$		\$ \$ \$	7,9 91,5 79,8
8200.152 8200.112 8200.103 8200.102	Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901	\$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$	• • • •	\$ \$ \$	7,9 91,4 79,8 835,9
8200.152 8200.112 8200.103 8200.102 8200.104	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$	7,9 91,4 79,4 835,9 165,2
8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	7,9 91,3 79,3 835,3 165,3 81,3
8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	7,9 91,1 79,1 835,1 165,1 81,1 236,1
8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$	7,5 91,4 79,1 835,5 165,2 81,5 236,1 174,1
8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 174, 4, 63,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 174, 4, 63, 30,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 174, 4, 63, 30, 110,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Drill Water:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4,, 18, 63, 30, 110, 176, 163, 45, 72,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.164 8200.158 8200.124 8200.137 8200.138	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Brine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133, 45,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Company Supervision:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133, 45, 2,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Prine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Company Supervision:Consulting Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133, 45, 2, 246,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Prine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Contract Labor:	\$\$ \$\$ <td< td=""><td>10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283</td><td>\$ - \$ -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133, 45, 2, 246, 27,</td></td<>	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133, 45, 2, 246, 27,
8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.128 8200.117 8200.115 8200.158 8200.164 8200.164 8200.137 8200.138 8200.138 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Brine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Consulting Services:Consulting Services:Consulting Services:Contract Labor:Roustabout Services:	\$\$ \$\$ <td< td=""><td>10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352</td><td>\$ - \$</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133, 45, 2, 246, 27,</td></td<>	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 91, 79, 835, 165, 81, 236, 174, 4, 18, 63, 30, 110, 176, 163, 45, 72, 200, 133, 45, 2, 246, 27,
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AFE # NM0189 - Daytona 29 Fed Com #007H

Intangible Completion	on	\$ -	\$ 6,296,874	\$ -	\$ 6,296,874
8300.205	Location & Roads:	\$ -	\$ 5,294	\$ -	\$ 5,294
8300.216	Cased Hole Logs & Surveys	\$ -	\$ -	\$ -	\$ -
8300.243	Analysis	\$ -	\$ 12,645	\$ -	\$ 12,645
8300.270	Stimulation:	\$ -	\$ 1,483,399	\$ -	\$ 1,483,399
8300.275	Proppant:	\$ -	\$ 1,193,418	\$ -	\$ 1,193,418
8300.207	Water:	\$ -	\$ 932,358	\$ -	\$ 932,358
8300.274	Water Transfer:	\$ -	\$ 82,673	\$ -	\$ 82,673
8300.266	Chemicals:	\$ -	\$ 443,277	\$ -	\$ 443,277
8300.209	Pump Down Services:	\$ -	\$ 110,117	\$ -	\$ 110,117
8300.214	Wireline/Perforating:	\$ -	\$ 399,556	\$ -	\$ 399,556
8300.203	Fuel, Power:	\$ -	\$ 700,280	\$ -	\$ 700,280
8300.210	Rental Equipment (Surface):	\$ -	\$ 371,475	\$ -	\$ 371,475
8300.277	Mancamp:	\$ -	\$ 18,815	\$ -	\$ 18,815
8300.250	Rental Equipment (Downhole):	\$ -	\$ 43,431	\$ -	\$ 43,431
8300.232	Disposal:	\$ -	\$ 28,704	\$ -	\$ 28,704
8300.276	Safety & Environmental:	\$ -	\$ 6,876	\$ -	\$ 6,876
8300.277	Consulting Services:	\$ -	\$ 200,739	\$ -	\$ 200,739
8300.212	Contract Labor:	\$ -	\$ 30,506	\$ -	\$ 30,506
8300.278	Roustabout Services:	\$ -	\$ 1,581	\$ -	\$ 1,581
8300.220	Company Supervision:	\$ -	\$ 5,058	\$ -	\$ 5,058
8300.230	Completions Rig:	\$ -	\$ 39,516	\$ -	\$ 39,516
8300.271	Coil Tubing Unit	\$ -	\$ 112,065	\$ -	\$ 112,065
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 15,892	\$ -	\$ 15,892
8300.225	Contingency:	\$ -	\$ -	\$ -	\$ -
Intangible Facilities		\$ -	\$ -	\$ 249,376	\$ 249,376
8350.401	Title Work/Permit Fees:	\$ -	\$ -	\$ -	\$ -
8350.402	Damages/ROW:	\$ -	\$ -	\$ -	\$ -
8350.403	Location, Roads:	\$ -	\$ -	\$ 499	\$ 499
8350.405	Pipeline/Flowline Labor:	\$ -	\$ -	\$ -	\$ -
8350.406	Automation/Electrical Labor:	\$ -	\$ -	\$ -	\$ -
8350.407	Engineering/Technical Labor:	\$ -	\$ -	\$ 56,823	\$ 56,823
8350.408	Civil/Mechanical Labor:	\$ -	\$ -	\$ 115,718	\$ 115,718
8350.409	Commissioning Labor:	\$ -	\$ -	\$ -	\$
8350.410	Transportation:	\$ -	\$ -	\$ 15,638	\$ 15,638
8350.404	Equipment Rentals:	\$ -	\$ -	\$ 9,982	\$ 9,982
8350.411	Safety & Environmental:	\$ -	\$ -	\$ -	\$
8350.413	Contingency:	\$ -	\$ -	\$ 50,716	\$ 50,716
	DTAL INTANGIBLE COSTS >>>	\$ 3,054,078	\$ 6,296,874	\$ 249,376	\$ 9,600,328

TOTAL D&C&F COSTS >>>	\$ 4,572,394	\$ 6,602,527	\$ 1,065,027	\$ 12,239,948
TOTAL Dacar COSTS >>>	Drilling	Completion	Facilities	Total

This Authority For Expenditure is based on cost estimates only. Billing will reflect your proportionate share of the actual invoice costs.

JOINT INTEREST APPROVAL:

Company: _____ Working Interest: _____

Signature:

Date:

Ву:_____



Authority for Expenditure

AFE: NM0194	Date:	May 16	6, 2023
Well Name: Daytona 29 Fed Com #008H	Projecte	d MD/TVD:	21123 / 10800
Target: Wolfcamp	S	Spud to TD:	15.2 days
County: Lea	Late	eral Length:	10,000
State: NM		Stages:	64
SHL: Sec: 29, T-18S, R-34E; 796 FNL, 1043 FEL	Total Prop	opant (ppf):	2,500
BHL: Sec: 32, T-18S, R-34E; 100 FSL, 1710 FEL	Total Fl	uid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Daytona 29 Fed Com #008H, a 2 section Wolfcamp horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 14.75'' surface hole drilled on Fresh to 1300' and 10.75'' 40.5# J-55 BTC casing will be set and cemented in place; 9.875'' hole will then be drilled on Brine to 10500' and a string of 7.625'' 29.7# P-110 HC LTC casing will be set and cemented in place; 6.75'' production hole will then be drilled on OBM to 21123' and a string of 5.5'' 20# P-110 HC GBCD casing will be set and cemented in place. There will be 10000' of treatable lateral and the completions design will consist of +/-64 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$4,572,394
COMPLETIONS:	\$6,602,527
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,239,948

OPERATOR APPROVAL:

Signature: Name:	Jacob Nagy	Date: Title: CO-C.E.O.
Signature: Name:	Skyler Gary	Date: Title: CO-C.E.O.
Signature: Name:	Pete Williams	Date: Title: C.F.O.
Signature: Name:	Braden Harris Case No. 24633 - Avant Exhibit Pa	Date: Title: S.V.P. Operations

Received by OCD: 11/2/2024 2:07:46 PM

AFE # NM0194 - Daytona 29 Fed Com #008H

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Tangible Drilling	TANGIBLE COSTS		Drilling		Completion	-	Facilities		Total
	Quefe e e Quein e	\$	1,518,316	\$	-	\$	-	\$	1,518,31
8400.301	Surface Casing:	\$	90,728	\$	-	\$	-	\$	90,72
8400.302	Intermediate1 Casing:	\$	612,966	\$	-	\$	-	\$	612,96
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	757,720	\$	-	\$	-	\$	757,72
8400.340	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,90
		\$	-	\$	-	\$	-	\$	
angible Completion		\$	-	\$	305,653	\$	-	\$	305,65
8400.308	Tubing:	\$	-	\$	156,716	\$	-	\$	156,71
8400.340	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,84
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,09
		\$	-	\$	-	\$	-	\$	
angible Facility	•	\$	-	\$	-	\$	815,651	\$	815,65
8400.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,38
8400.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,30
8400.343	Flare:	\$		\$	-	\$	19,963	\$	19,96
8400.344	Compressors:	\$		\$		\$	13,912	\$	13,91
8400.316	Pipe/Valves/Fittings:	\$	_	\$	-	φ \$	117,518	φ \$	117,51
8400.328	Instrumentation/Meters:	\$	-	\$	-	φ \$	36,201	φ \$	36,20
	LACT Unit:		-		-		30,201		30,20
8400.345		\$	-	\$	-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,23
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,24
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$	
8400.315	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,89
		\$	-	\$	-	\$	-	\$	
7	OTAL TANGIBLE COSTS >>>	\$	1,518,316	\$	305,653	\$	815,651	\$	2,639,62
			, ,	,	,		,	,	
	INTANGIBLE COSTS		Drilling	0	Completion		Facilities		Total
ntangible Drilling		\$	3,054,078	\$	-	\$	-	\$	3,054,07
8200.111	Survey, Stake/Permit:	\$	5,269	\$	-	\$	-	\$	5,26
8200.113	Damages/ROW:	\$	7,903	\$	-	\$	-	\$	7,90
						Ψ		Ψ	
	Legal Title Etc.				-	\$	-	\$	10.53
8200.149	Legal, Title, Etc.	\$	10,538	\$	-	\$ \$	-	\$ \$	10,53
8200.149 8200.152	Well Control Insurance:	\$	10,538 7,903	\$ \$	-	\$	-	\$	7,90
8200.149 8200.152 8200.112	Well Control Insurance: Location:	\$ \$ \$	10,538 7,903 91,542	\$ \$ \$	-	\$ \$	-	\$ \$	7,90 91,54
8200.149 8200.152 8200.112 8200.103	Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$	10,538 7,903 91,542 79,822	\$ \$ \$ \$		\$ \$ \$		\$ \$	7,90 91,54 79,82
8200.149 8200.152 8200.112 8200.103 8200.102	Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901	\$ \$ \$ \$ \$	- - - -	\$ \$ \$ \$	- - - -	\$ \$ \$	7,90 91,54 79,82 835,90
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282	\$ \$ \$ \$	- - - - -	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$	7,90 91,54 79,82 835,90 165,28
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394	\$ \$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,90 91,5- 79,82 835,90 165,22 81,35
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682	\$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$	7,90 91,54 79,82 835,90 165,24 81,39 236,66
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394	\$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,90 91,5- 79,82 835,90 165,22 81,35
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682	\$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,90 91,54 79,82 835,90 165,24 81,33 236,64 174,05
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6
8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - -	\$\$ \$\$<	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,9(91,5: 79,8: 835,9(165,2: 236,6: 174,0: 4,3: 18,8: 63,6: 30,9 110,0(176,0(163,2:
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,9(91,5: 79,8: 835,9(165,2: 236,6: 174,0: 4,3: 18,8: 63,6: 30,9 110,0(176,0(163,2: 45,3:
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Prine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.128 8200.115 8200.169 8200.169 8200.169 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138	Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <td< td=""><td></td><td>\$ \$</td><td>7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2</td></td<>		\$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.169 8200.164 8200.158 8200.158 8200.124 8200.137 8200.138 8200.106	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7
8200.149 8200.152 8200.103 8200.103 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.158 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ <td< td=""><td>7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7 45,3</td></td<>	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7 45,3
8200.149 8200.152 8200.103 8200.103 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Company Supervision:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7 45,3 2,4
8200.149 8200.152 8200.103 8200.103 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.169 8200.164 8200.158 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Brine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Company Supervision:Consulting Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ <td< td=""><td>7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7 45,3 2,4</td></td<>	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7 45,3 2,4
8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Company Supervision:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2
8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Brine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Company Supervision:Consulting Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,538 7,903 91,542 79,822 835,901 165,282 81,394 236,682 174,091 4,350 18,870 63,689 30,912 110,069 176,003 163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ <td< td=""><td>7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7 45,3 2,4 45,3 2,4 45,3</td></td<>	7,9 91,5 79,8 835,9 165,2 81,3 236,6 174,0 4,3 18,8 63,6 30,9 110,0 176,0 163,2 45,3 72,1 200,2 133,7 45,3 2,4 45,3 2,4 45,3
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AFE # NM0194 - Daytona 29 Fed Com #008H

Intangible Completion	on	\$ -	\$ 6,296,874	\$ -	\$ 6,296,874
8300.205	Location & Roads:	\$ -	\$ 5,294	\$ -	\$ 5,294
8300.216	Cased Hole Logs & Surveys	\$ -	\$ -	\$ -	\$ -
8300.243	Analysis	\$ -	\$ 12,645	\$ -	\$ 12,645
8300.270	Stimulation:	\$ -	\$ 1,483,399	\$ -	\$ 1,483,399
8300.275	Proppant:	\$ -	\$ 1,193,418	\$ -	\$ 1,193,418
8300.207	Water:	\$ -	\$ 932,358	\$ -	\$ 932,358
8300.274	Water Transfer:	\$ -	\$ 82,673	\$ -	\$ 82,673
8300.266	Chemicals:	\$ -	\$ 443,277	\$ -	\$ 443,277
8300.209	Pump Down Services:	\$ -	\$ 110,117	\$ -	\$ 110,117
8300.214	Wireline/Perforating:	\$ -	\$ 399,556	\$ -	\$ 399,556
8300.203	Fuel, Power:	\$ -	\$ 700,280	\$ -	\$ 700,280
8300.210	Rental Equipment (Surface):	\$ -	\$ 371,475	\$ -	\$ 371,475
8300.277	Mancamp:	\$ -	\$ 18,815	\$ -	\$ 18,815
8300.250	Rental Equipment (Downhole):	\$ -	\$ 43,431	\$ -	\$ 43,431
8300.232	Disposal:	\$ -	\$ 28,704	\$ -	\$ 28,704
8300.276	Safety & Environmental:	\$ -	\$ 6,876	\$ -	\$ 6,876
8300.277	Consulting Services:	\$ -	\$ 200,739	\$ -	\$ 200,739
8300.212	Contract Labor:	\$ -	\$ 30,506	\$ -	\$ 30,506
8300.278	Roustabout Services:	\$ -	\$ 1,581	\$ -	\$ 1,581
8300.220	Company Supervision:	\$ -	\$ 5,058	\$ -	\$ 5,058
8300.230	Completions Rig:	\$ -	\$ 39,516	\$ -	\$ 39,516
8300.271	Coil Tubing Unit	\$ -	\$ 112,065	\$ -	\$ 112,065
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 15,892	\$ -	\$ 15,892
8300.225	Contingency:	\$ -	\$ -	\$ -	\$ -
Intangible Facilities	•	\$ -	\$ -	\$ 249,376	\$ 249,376
8350.401	Title Work/Permit Fees:	\$ -	\$ -	\$ -	\$ -
8350.402	Damages/ROW:	\$ -	\$ -	\$ -	\$ -
8350.403	Location, Roads:	\$ -	\$ -	\$ 499	\$ 499
8350.405	Pipeline/Flowline Labor:	\$ -	\$ -	\$ -	\$ -
8350.406	Automation/Electrical Labor:	\$ -	\$ -	\$ -	\$ -
8350.407	Engineering/Technical Labor:	\$ -	\$ -	\$ 56,823	\$ 56,823
8350.408	Civil/Mechanical Labor:	\$ -	\$ -	\$ 115,718	\$ 115,718
8350.409	Commissioning Labor:	\$ -	\$ -	\$ -	\$
8350.410	Transportation:	\$ -	\$ -	\$ 15,638	\$ 15,638
8350.404	Equipment Rentals:	\$ -	\$ -	\$ 9,982	\$ 9,982
8350.411	Safety & Environmental:	\$ -	\$ -	\$ -	\$ -
8350.413	Contingency:	\$ -	\$ -	\$ 50,716	\$ 50,716
	DTAL INTANGIBLE COSTS >>>	\$ 3,054,078	\$ 6,296,874	\$ 249,376	\$ 9,600,328

TOTAL DICIE COSTS	\$ 4,572,394	\$ 6,602,527	\$ 1,065,027	\$ 12,239,948
TOTAL D&C&F COSTS >>>	Drilling	Completion	Facilities	Total

This Authority For Expenditure is based on cost estimates only. Billing will reflect your proportionate share of the actual invoice costs.

JOINT INTEREST APPROVAL:

Company: _____ Working Interest: _____

Signature:

Date:

Ву:_____



Authority for Expenditure

AFE: NM0195	Date:	May 16	6, 2023
Well Name: Daytona 29 Fed Com #009H	Projecte	d MD/TVD:	21123 / 10800
Target: Wolfcamp	ç	Spud to TD:	15.2 days
County: Lea	Late	eral Length:	10,000
State: NM		Stages:	64
SHL: Sec: 29, T-18S, R-34E; 941 FNL, 977 FEL	Total Prop	opant (ppf):	2,500
BHL: Sec: 32, T-18S, R-34E; 100 FSL, 330 FEL	Total Fl	uid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Daytona 29 Fed Com #009H, a 2 section Wolfcamp horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 14.75'' surface hole drilled on Fresh to 1300' and 10.75'' 40.5# J-55 BTC casing will be set and cemented in place; 9.875'' hole will then be drilled on Brine to 10500' and a string of 7.625'' 29.7# P-110 HC LTC casing will be set and cemented in place; 6.75'' production hole will then be drilled on OBM to 21123' and a string of 5.5'' 20# P-110 HC GBCD casing will be set and cemented in place. There will be 10000' of treatable lateral and the completions design will consist of +/-64 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$4,572,394
COMPLETIONS:	\$6,602,527
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,239,948

OPERATOR APPROVAL:

Signature: Name:	Jacob Nagy	Date: Title: Co-C.E.O.
Signature: Name:	Skyler Gary	Date: Title: Co-C.E.O.
Signature: Name:	Pete Williams	Date: Title: C.F.O.
Signature: Name:	Braden Harris Case No. 24633 - Avant Exh	Date: Title: S.V.P. Operations

Received by OCD: 11/2/2024 2:07:46 PM

AFE # NM0195 - Daytona 29 Fed Com #009H

	TANGIBLE COSTS	·	Drilling		ompletion	-	Facilities	-	Total
angible Drilling		\$	1,518,316	\$	-	\$	-	\$	1,518,316
8400.301	Surface Casing:	\$	90,728	\$	-	\$	-	\$	90,728
8400.302	Intermediate1 Casing:	\$	612,966	\$	-	\$	-	\$	612,966
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	757,720	\$	-	\$	-	\$	757,720
8400.340	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,903
		\$	-	\$	-	\$	-	\$	
angible Completion		\$	-	\$	305,653	\$	-	\$	305,653
	Tubing:	\$		\$	156,716	₽ \$		\$	156,710
8400.340	Wellhead Equip:	\$	-	\$	107,841	\$	-	φ \$	107,84
	Artificial Lift: Gas Lift		-				-		
8400.312	Artificial Lift. Gas Lift	\$	-	\$	41,096	\$	-	\$	41,09
		\$	-	\$	-	\$	-	\$	
angible Facility		\$	-	\$	-	\$	815,651	\$	815,65 ⁻
8400.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,38
8400.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,30
8400.343	Flare:	\$	-	\$	-	\$	19,963	\$	19,96
8400.344	Compressors:	\$	-	\$	-	\$	13,912	\$	13,91
8400.316	Pipe/Valves/Fittings:	\$	-	\$	_	\$	117,518	\$	117,51
8400.328	Instrumentation/Meters:	\$	-	\$		\$	36,201	\$	36,20
8400.345	LACT Unit:	\$	-	φ \$		φ \$	00,201	\$	50,20
8400.345	Electrical Facility:		-		-		-		
		\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,23
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,24
8400.349	Pipelines:	\$	-	\$	-	\$		\$	
8400.315	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,89
		\$	-	\$	-	\$	_	\$	
	OTAL TANGIBLE COSTS >>>	\$	1,518,316	\$	305,653	\$	815,651	\$	2,639,62
•		Ψ	1,010,010	Ψ	000,000	Ψ	010,001	Ψ	2,000,020
	INTANGIBLE COSTS	I	Drilling		mpletion		Facilities		Total
standikla Baillina	INTANGIBLE COSTS		-		mpletion	•	Facilities	^	
ntangible Drilling		\$	3,054,078	\$	-	\$	-	\$	3,054,07
8200.111	Survey, Stake/Permit:	\$	5,269	\$	-	\$	-	\$	5,26
8200.113	Damages/ROW:	\$	7,903	\$	-	\$	-	\$	7,90
8200.149	Legal, Title, Etc.	\$	10,538	\$	-	\$	-	\$	10,53
8200.152	Well Control Insurance:	\$	7,903	\$	-	\$	-	\$	7,90
8200.112	Location:	\$	91,542	\$	-	\$	-	\$	91,54
8200.103	Rig Move:	\$	79,822	\$	-	\$	-	\$	79,82
8200.102	Drilling Daywork:	\$	835,901	\$	_	\$	-	\$	835,90
8200.104	Fuel/Power:	\$	165,282	\$		\$		\$	165,28
8200.116	Bits & BHA:	,	81,394	\$		-			81,39
		\$			-	\$	-	\$	
8200.128	Directional:	\$	236,682	\$	-	\$	-	\$	236,68
8200.117	Mud & Chemicals:	\$	174,091	\$	-	\$	-	\$	174,09
8200.115	Mud - Drill Water:	\$	4,350	\$	-	\$	-	\$	4,35
8200.169	Mud Brine:	\$	18,870	\$	-	\$	-	\$	18,87
8200.170	Mud - Diesel:	\$	63,689	\$	-	\$	-	\$	63,68
8200.119	Mud - Auxiliary:	\$	30,912	\$	-	\$	-	\$	30,92
8200.164	Solids Control/Closed Loop:	\$	110,069	\$	-	\$	-	\$	110,06
8200.158	Disposal:	\$	176,003	\$	_	\$	-	\$	176,00
	Equipment Rental:			ب ۲				\$	163,25
8200 124		C		\$		*	-	Ψ	45,3
8200.124		\$	163,250	\$ ¢	-	\$ ¢			
8200.146	Mancamp:	\$	163,250 45,314	\$	-	\$	-	\$	
8200.146 8200.137	Mancamp: Casing Services:	\$	163,250 45,314 72,109	\$ \$	-	\$ \$	-	\$ \$	72,10
8200.146 8200.137 8200.138	Mancamp: Casing Services: Cementing:	\$ \$ \$	163,250 45,314 72,109 200,213	\$ \$ \$		\$ \$ \$		\$ \$ \$	72,10 200,2
8200.146 8200.137 8200.138 8200.106	Mancamp: Casing Services: Cementing: Transportation:	\$ \$ \$	163,250 45,314 72,109 200,213 133,794	\$ \$ \$ \$	- - - -	\$ \$ \$	-	\$ \$ \$	72,10 200,2 ⁻ 133,79
8200.146 8200.137 8200.138 8200.106 8200.125	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing:	\$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311	\$ \$ \$	- - - - - -	\$ \$ \$ \$	-	\$ \$ \$	72,10 200,2 133,79 45,3
8200.146 8200.137 8200.138 8200.106	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$ \$ \$	163,250 45,314 72,109 200,213 133,794	\$ \$ \$ \$		\$ \$ \$	-	\$ \$ \$	72,10 200,2 133,79 45,3
8200.146 8200.137 8200.138 8200.106 8200.125	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing:	\$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311	\$ \$ \$ \$ \$		\$ \$ \$ \$		\$\$ \$\$ \$\$ \$	72,10 200,2 133,79
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$	72,10 200,2 133,79 45,3 2,40 246,3
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		- - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$	72,11 200,2 133,74 45,3 2,44 246,33 27,25
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		↔ ↔	- - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	72,11 200,2 133,79 45,3 2,44 246,3
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127 8200.168 8200.136	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283 2,193	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	- - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	72,11 200,2 133,74 45,3 2,44 246,3 27,2 2,11
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127 8200.168 8200.136 8200.143	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	72,1 200,2 133,7 45,3 2,4 246,3 27,2 2,1
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127 8200.168 8200.136 8200.143 8200.134	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283 2,193	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$\omega\$ \$\omega\$	72,1 200,2 133,7 45,3 2,4 246,3 27,2
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.136 8200.134 8200.135	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283 2,193 - 8,044 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	72,1 200,2 133,7 45,3 2,4 246,3 27,2 2,1 8,0
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127 8200.168 8200.136 8200.143 8200.134	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis: Safety & Environmental:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283 2,193	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	Horizontal Horizon	72,1 200,2 133,7 45,3 2,4 246,3 27,2 2,1
8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.136 8200.134 8200.135	Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	163,250 45,314 72,109 200,213 133,794 45,311 2,400 246,352 27,283 2,193 - 8,044 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	72,1 200,2 133,7 45,3 2,4 246,3 27,2 2,1 8,0

AFE # NM0195 - Daytona 29 Fed Com #009H

Intangible Completion	on	\$ -	\$ 6,296,874	\$ -	\$ 6,296,874
8300.205	Location & Roads:	\$ -	\$ 5,294	\$ -	\$ 5,294
8300.216	Cased Hole Logs & Surveys	\$ -	\$ -	\$ -	\$ -
8300.243	Analysis	\$ -	\$ 12,645	\$ -	\$ 12,645
8300.270	Stimulation:	\$ -	\$ 1,483,399	\$ -	\$ 1,483,399
8300.275	Proppant:	\$ -	\$ 1,193,418	\$ -	\$ 1,193,418
8300.207	Water:	\$ -	\$ 932,358	\$ -	\$ 932,358
8300.274	Water Transfer:	\$ -	\$ 82,673	\$ -	\$ 82,673
8300.266	Chemicals:	\$ -	\$ 443,277	\$ -	\$ 443,277
8300.209	Pump Down Services:	\$ -	\$ 110,117	\$ -	\$ 110,117
8300.214	Wireline/Perforating:	\$ -	\$ 399,556	\$ -	\$ 399,556
8300.203	Fuel, Power:	\$ -	\$ 700,280	\$ -	\$ 700,280
8300.210	Rental Equipment (Surface):	\$ -	\$ 371,475	\$ -	\$ 371,475
8300.277	Mancamp:	\$ -	\$ 18,815	\$ -	\$ 18,815
8300.250	Rental Equipment (Downhole):	\$ -	\$ 43,431	\$ -	\$ 43,431
8300.232	Disposal:	\$ -	\$ 28,704	\$ -	\$ 28,704
8300.276	Safety & Environmental:	\$ -	\$ 6,876	\$ -	\$ 6,876
8300.277	Consulting Services:	\$ -	\$ 200,739	\$ -	\$ 200,739
8300.212	Contract Labor:	\$ -	\$ 30,506	\$ -	\$ 30,506
8300.278	Roustabout Services:	\$ -	\$ 1,581	\$ -	\$ 1,581
8300.220	Company Supervision:	\$ -	\$ 5,058	\$ -	\$ 5,058
8300.230	Completions Rig:	\$ -	\$ 39,516	\$ -	\$ 39,516
8300.271	Coil Tubing Unit	\$ -	\$ 112,065	\$ -	\$ 112,065
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 15,892	\$ -	\$ 15,892
8300.225	Contingency:	\$ -	\$ -	\$ -	\$ -
ntangible Facilities	•	\$ -	\$ -	\$ 249,376	\$ 249,376
8350.401	Title Work/Permit Fees:	\$ -	\$ -	\$ -	\$
8350.402	Damages/ROW:	\$ -	\$ -	\$ -	\$
8350.403	Location, Roads:	\$ -	\$ -	\$ 499	\$ 499
8350.405	Pipeline/Flowline Labor:	\$ -	\$ -	\$ -	\$
8350.406	Automation/Electrical Labor:	\$ -	\$ -	\$ -	\$
8350.407	Engineering/Technical Labor:	\$ -	\$ -	\$ 56,823	\$ 56,823
8350.408	Civil/Mechanical Labor:	\$ -	\$ -	\$ 115,718	\$ 115,718
8350.409	Commissioning Labor:	\$ -	\$ -	\$ -	\$
8350.410	Transportation:	\$ -	\$ -	\$ 15,638	\$ 15,638
8350.404	Equipment Rentals:	\$ -	\$ -	\$ 9,982	\$ 9,982
8350.411	Safety & Environmental:	\$ -	\$ -	\$ -	\$
8350.413	Contingency:	\$ -	\$ -	\$ 50,716	\$ 50,716
	DTAL INTANGIBLE COSTS >>>	\$ 3,054,078	\$ 6,296,874	\$ 249,376	\$ 9,600,328

TOTAL D&C&F COSTS >>>	\$ 4,572,394	\$ 6,602,527	\$ 1,065,027	\$ 12,239,948
TOTAL D&C&F COSTS >>>	Drilling	Completion	Facilities	Total

This Authority For Expenditure is based on cost estimates only. Billing will reflect your proportionate share of the actual invoice costs.

JOINT INTEREST APPROVAL:

Company: _____ Working Interest: _____

Signature:

Date:

Ву:_____

July 25, 2024

Kaiser-Francis Oil Company 6733 S Yale Ave Tulsa, OK 74136 Sent via USPS

RE: Well Proposal Revision Daytona 29 Fed Com 006H, 007H, 008H, 009H Sections 29 & 32, T18S R34E Lea County, New Mexico

Ladies and Gentlemen:

Earlier this year, Avant Operating, LLC ("Avant") proposed the Daytona 29 Fed Com 006H, 007H, 008H and 009H wells (the "Wells"), located in Sections 29 & 32, T18S R34E, Lea County, New Mexico. The corresponding Authority for Expenditure ("AFE") included with the well proposals stated a projected TVD of 10,800 feet. Since the well proposals were sent to working interest owners, Avant has evaluated the development plan of the Wells and hereby proposes to amend the projected TVD of the Wells to 11,400 feet to test the Wolfcamp formation.

Please note that there are no other proposed changes to the Wells and their corresponding AFEs. If you have already elected to participate in the Wells, please contact the undersigned at (303) 519-2870 or <u>sophia@avantnr.com</u> with any questions or concerns.

Sincerely,

higher

Sophia Guera Senior Landman (303) 519-2870 sophia@avantnr.com

Avant Operating, LLC Case Nos. 24633 Exhibit A-13



Avant reached out to all locatable owners to reach joinder agreements and 45.45% of owners have committed to Avant's Unit

• Avant retained a broker who conducted extensive title work to determine the working interest owners and other interest

owners.

- Avant searched public records, phone directory, LexisNexis subscription, and conducted various internet searches.
- Avant sent well proposals starting on or around April 12, 2024.
- Avant proposed general terms of a Joint Operating Agreement (JOA) within the well proposal letters sent to working interest

owners.

- Avant sent working interest owners a JOA upon request.
- Avant had multiple communications with uncommitted working interest owners, outlined on the following exhibit.
- Avant's counsel sent notices of the force pooling applications to the addresses of record for uncommitted interest owners and overriding royalty owners.
- Avant published notice in a newspaper of general circulation in the county where the wells will be located.

Avant Operating, LLC Case Nos. 24633 Exhibit A-13



AVANT OPERATING, LLC

Summary of Contacts with all Working Interest Owners:

Owner Name	% of Interest	Date Proposal Letter Sent	Follow-Up / Comments
T. H. McElvain Oil & Gas, LLLP	4.85%	4/12/2024	Well proposals sent and delivered. Owner signed JOA.
Marbella Development, LP	0.21%	4/12/2024	Spoke with owner on phone to work through signatures needed. Owner signed JOA.
Kaiser-Francis Oil Company	1.16%	4/12/2024	Well proposals sent and delivered. Owner signed JOA.
Del Mar Holdings, LP	3.01%	4/12/2024	Owner returned elections to participate and signed JOA.
J. Cleo Thompson and James Cleo Thompson Jr, LP	0.76%	4/12/2024	Well proposals sent and delivered.
Magnum Hunter Production, Inc.	14.33%	4/12/2024	Sent well proposals via mail and to landman via email. See additional summary of contacts exhibit for further details.
Eart hstone Per mian, LLC	9.40%	4/12/2024	Sent well proposals via USPS and email. Answered questions regarding title.
Marathon Oil Permian, LLC	0.59%	4/12/2024	Well proposals sent and delivered.
Burk Royalty Company	0.56%	4/12/2024	Owner returned elections to participate. Sent JOA for review.
W.T.G. Exploration, Inc.	0.52%	4/12/2024	Spoke with owner regarding development plan. Wants to wait until pooling proceedings completed before participating.
George Soros	0.28%	4/12/2024	Well proposals sent and delivered.
Susan Weber	0.28%	4/12/2024	Well proposals sent and delivered.
A. H. Gonzales Oil Co	0.21%	4/12/2024	Well proposals sent and delivered.
Viersen Oil & Gas Co.	0.17%	4/12/2024	Well proposals sent and delivered.
James D. Moring and wife, Dorothy D. Moring	0.06%	4/12/2024	Well proposals sent and delivered.
Manta Oil & Gas Company	0.04%	4/12/2024	Well proposals sent and delivered.
The Estate of Alice Marie Smith, Deceased	0.03%	4/12/2024	Spoke with heir of estate and answered development questions. Estate needs to go through probate so no decisions will be made until probate complete.
Schlagal Brothers	0.02%	4/12/2024	Answered owner questions regarding WI in unit. Spoke with representative and passed along offer to purchase interest, but they intend to participate.
Timothy R. MacDonald	0.01%	4/12/2024	Owner returned well proposal elections.
The Estate of R. C. Schlagal, Deceased	0.01%	4/12/2024	Answered owner questions regarding WI in unit. Spoke with representative and passed along offer to purchase interest, but they intend to participate.
The Estate of Alice R. Schlagal, Deceased	0.01%	4/12/2024	Answered owner questions regarding WI in unit. Spoke with representative and passed along offer to purchase interest, but they intend to participate.

Avant Operating, LLC Case Nos. 24633 Exhibit A-13



AVANT OPERATING, LLC

Summary of Contacts with all Working Interest Owners:

Owner Name	% of Interest	Date Proposal Letter Sent	Follow-Up / Comments
Maverick Oil & Gas Corporation	0.004%	4/12/2024	After receiving well proposals, owner reached out via email with questions. Answered questions in regards to title and development timing; owner returned elections to participate. Provided JOA for review.
HOG Partnership LP	2.00%	4/12/2024	Answered owner questions regarding interest and title. Avant acquired large portion of this interest and owner electing to participate with remainder. Sent JOA for review.
Trainer Partners, LTD	1.01%	4/12/2024	Answered owner questions via email regarding title. Sent JOA for review.
Mexco Energy Corporation	1.01%	4/12/2024	Spoke on phone and answered several emails regarding interest. Sent JOA for review.
Don O. Chapell, Inc.	0.87%	4/12/2024	Avant reached out to owner to acquire interest; working through title questions.
Mewbourne Oil Company	4.91%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
Mewbourne and Daughters, Ltd.	1.82%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
Mewbourne Development Partners, 94-A, L.P.	1.04%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
Mewbourne Development Partners, 93-B, L.P.	0.69%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
Mewbourne Development Corporation	0.27%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
Mewbourne Development Corporation #1	0.11%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
Mewbourne Development Corporation #2	0.07%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
Mewbourne Development Corporation #3	0.11%	4/12/2024	Well proposals sent and delivered. Ongoing discussions between companies regarding this interest.
McElvain Oil Company LP	1.11%	4/12/2024	Sent multiple emails to owner to discuss interest.
Prima Exploration, Inc.	9.22%	4/12/2024	Answered initial owner questions via email. Avant and Prima representatives had multiple months of deal negotiations regarding this interest. Provided JOA.
Trainer Partners, LTD	0.78%	4/12/2024	Answered owner questions via email regarding title. Sent JOA for review.
Maybole, LLC	0.81%	4/12/2024	Answered owner questions regarding interest via email. Multiple discussions with owner regarding commercial options. Avant acquired interest.

66

Avant Operating, LLC Case Nos. 24633 Exhibit A-13



AVANT OPERATING, LLC

Summary of Contacts with all Working Interest Owners:

Owner Name	% of Interest	Date Proposal Letter Sent	Follow-Up / Comments
Jacqueline M. Withers Trust	2.34%	4/12/2024	Well proposals delivered. Avant acquired interest.
Everette L. Andrews Jr. Trustee	0.02%	4/12/2024	Well proposals sent and delivered.
Boswell Interests Ltd	0.24%	4/12/2024	Well proposals sent and delivered.
Burnett Oil Company	0.43%	4/12/2024	Emailed with owner to answer questions regarding interest and development timing. Provided target formation information to company's engineering team. Owner signed JOA.
CEB Oil Company	0.09%	4/12/2024	Well proposals sent and delivered.
Merlyn Holland Wright Dahlin	0.02%	4/12/2024	Well proposals sent and delivered.
Amy Vernae Dahlin Trust	0.02%	4/12/2024	Well proposals sent and delivered.
EAB Oil Company	0.09%	4/12/2024	Well proposals sent and delivered.
Michael J. Havel	0.03%	4/12/2024	Well proposals sent and delivered.
David L. Henderson	0.04%	4/12/2024	Spoke with representative fo Henderson et al interests. Provided WI for each company and development plans.
David L. Henderson and Dawn Henderson	0.04%	4/12/2024	Spoke with representative fo Henderson et al interests. Provided WI for each company and development plans.
HHE II, LLC and Horcado Dream, LLC	0.31%	4/12/2024	Proposals sent to predecessor in title (Houston and Emma Hill Trust Estate). Emailed with owner to confirm ownership transfer.
John P. Oil Company	0.09%	4/12/2024	Well proposals sent and delivered.
Ozark Exploration, Inc	0.24%	4/12/2024	Well proposals sent and delivered.
PVB O il Company	0.09%	4/12/2024	Well proposals sent and delivered.
Sierra Madre Energy, LLC	0.02%	4/12/2024	Spoke with representative fo Henderson et al interests. Provided WI for each company and development plans.
Charles W . Seely, Jr.	0.04%	4/12/2024	Spoke with representative fo Henderson et al interests. Provided WI for each company and development plans.
Seely Petroleum Partners, LP	0.26%	4/12/2024	Spoke with representative fo Henderson et al interests. Provided WI for each company and development plans.
SSV&H Associates	0.07%	4/12/2024	Spoke with representative fo Henderson et al interests. Provided WI for each company and development plans.
Adelaide Y. Thomsen, Trustee	0.02%	4/12/2024	Well proposals sent and delivered.
Wes-Tex Drilling Co. LP	0.19%	4/12/2024	Well proposals sent and delivered.
2017 Permian Basin JV	0.31%	4/12/2024	Sent owner email regarding development timing. Owner sent elections to participate.

Summary of Contacts - Cimarex Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H



Avant has been proactive and consistently engaged with Cimarex to reach an agreement, showing
intent to be prudent operator

12/5/23:	Avant landman reaches out to Cimarex landman to inquire about possible trade for Cimarex assets in T18S R34E32 amongst other lands.	
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^{12/27/23:} Cimarex landman rejects Avant trade proposal, proposes no alternative; Avant landman immediately responds and states Avant wll try and come up with alternatives after the new year.

1/3/24:	Avant landman expresses desire to keep Section 32 in trade, also proposes alternative trade.
---------	--

- 1/4/24: Avant and Cimarex landmen clarify trade proposal via email. Avant requests additional information from Cimarex.
- 1/4/24: Avant sends Daytona 29 Fed Com well proposals to Cimarex landman via USPS and email.
- 1/8/24: Avant landman responds to questions from Cimarex regarding development timing. Avant provides Cimarex with WI in proposed unit.
- 5/6/24: Avant reaches out to Cimarex landman to express desire to transact on trade and requests clarifying information from Cimarex. Avant also

offers trade alternative.

6/4/24: Avant landman requests in-person meeting to discuss trade proposa

- **6/5/24:** Cimarex landman expresses unwillingness to trade.
- **8/9/24:** Avant VP of land reaches out to Cimarex land manager to discuss how Cimarex's development plan is contradictory to Avant and MRC's

aligned North-South development. Inquired whether any trades between Cimarex and MRC were being negotiated.

- 10/15/24:
 Avant and Cimarex landmen spoke on phone to discuss potential title issues. Cimarex landman states there is an existing Joirt Operating

 Agreement that causes discrepancies in title regarding Cimarex's
 ownership. Avant requests copy of JOA.
- **10/17/24:** Cimarex landman sends Exhibit A to unrecorded JOA referenced on 10/15.
- **10/21/24:** Avant requests copy of full JOA to confirm terms and parties to JOA.
- **10/24/24:** Cimarex sends signature pages of JOA, but not full copy of JOA with terms or recorded memo of JOA.

Case No. 24633 - Avant Exhibit Packet AMENDED

AVANT OPERATING, LLC

NSSU Notice - Wolfcamp Daytona 29 Fed Com #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit A-14



Notice Sent to Offset Operators and Lessees of Record:

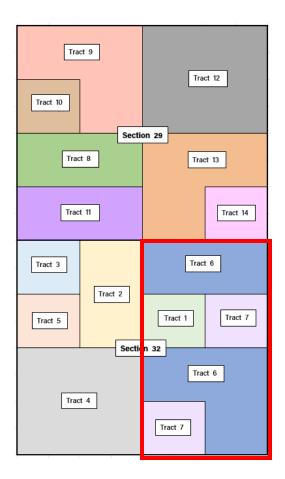
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	L5 38.06												
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Offset Operators and Lessees of Record Noticed									
Lands	Owner	Last Known Address							
	Camarie Oil and Gas in c	25 02 Ca marie Midland, TX 797 05							
	Ross Duncan Properties LLC	POBox 647 Artesia, NM 88211							
	Big Three Energy Group LLC	POBox 429 Roswell, NM 88202							
T185 R34E Sec 20	Fea the rstone Development Corp	POBox 429 Roswell, NM 88202							
	Prospector LLC	POBox 429 Roswell, NM 88202							
	Brian C Reid	25 02 Ca marie Midland, TX 797 05							
	Fea the rstone Development Corp	POBox 429 Roswell, NM 88202							
T185 R34E Sec 21	Matador Resources	54 00 LBJ Fre eway, Ste 1 500 Dalla s, TX 752 40							
T185 R32 E Sec 28	Yar brough Oil LP	1008 W Broad wa y Hobbs, NM 88240							
1163 K32E Sec 26	MRC Permian Co	5400 LBI Freeway, Ste 1500 Dallas, TX 75240							
T185 R34E Sec 33	Marathon Oil Permian LLC	990 Town and Country Blvd Houston, TX 77024							
T195 R34 E Sec 4	See ly Oil	81 5 W 10th St Fort Wort h, TX 76102							
T1 95 R34 E Sec 5	Earthstone Permian LLC	300 N Marienfeld St, Ste 1000 Midland, TX 79701							
T195 R34 E Sec 6	Earthstone Permian LLC	300 N Marienfeld St, Ste 1000 Midland, TX 79701							
T18S R34E Sec 31	Earthstone Permian LLC	300 N Marienfeld St, Ste 1000 Midland, TX 79701							
	TH McElvain Oil & Gas LLLP	1819 Denver W Drive, Ste 260 Lakewood, CO 80401							
	Jacque lin M Withers Trust	3429 Devonshire Way Palm Beach Gardens, FL 33418							
T18S R34E Sec 30	Brian Peter McGary 2017Trust	POBox 83 030 8 Dalla s, TX 752 83							
	McGary Family Trust	POBox 83 030 8 Dalla s, TX 752 83							
	Mary Jane McGary Trust	POBox 83 030 8 Dalla s, TX 752 83							
T18S R34E Sec 19	See ly Oil	81.5 W 10th St Fort Wort h, TX 76102							

1998 JOA Title Comparison Daytona 29 Fed Com #301H-#304H, #601H-#604H, #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit A-15



Legacy JOA creates potential title differences but Avant still owns majority interest in unit



- Cimarex informed Avant of September 18, 1998 JOA covering E2 of Section 32 by and between Matador Operating Company and Mewbourne Oil Company but did not provide full copy of JOA
- While Avant was not able to review 1998 JOA validity, title brokers were able to glean potential title differences if JOA was applied based on provided Exhibit A
- Even with JOA applied to title, Cimarex ownership in unit does not exceed Avant's ownership in unit

Without 1998 JOA Applied								
Owner WI in Unit NMA								
Magnum Hunter (Cimarex)	8.01%	102.50						
With 1998 JOA Applied								
OWNER	WI in Unit	NMA						
Magnum Hunter (Cimarex)	17.60%	225.33						

DAYTONA 29 FED COM - WOLFCAMP

Without 1998 JOA Applied			
Owner	WI in Unit	NMA	
Magnum Hunter (Cimarex)	14.33%	183.47	

With 1998 JOA Applied			
OWNER	WI in Unit	NMA	
Magnum Hunter (Cimarex)	20.12%	257.38	

DAYTONA 29 FED COM - BONE SPRING

GEOLOGY



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Case No. 24633 - Avant Exhibit Packet AMENDED

Exhibit B Geology Exhibits Case No. 24633

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

APPLICATION OF AVANT OPERATING, LLC FOR APPROVAL OF A NON-STANDARD UNIT, COMPULSORY POOLING, AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, LEA COUNTY, NEW MEXICO.

CASE NO. 24633

APPLICATION OF MAGNUM HUNTER, LLC FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 24756-24759

AFFIDAVIT OF JOHN HARPER

John Harper being duly sworn, deposes and states as follows:

- 1. I am over the age of 18, I am a geologist for Avant Operating, LLC ("Avant"), and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum geologist were accepted by the Division as a matter of record.
 - 2. My area of responsibility at Avant includes the area of Lea County in New Mexico.
 - 3. I am familiar with the application Avant filed in Case No. 24633 ("Daytona WC

Unit"). I am also familiar with the applications filed by Magnum Hunter Production, Inc. ("Magnum Hunter") in Case Numbers 24756-24759 ("Turnpike WC Cases").

4. In my opinion, Avant's proposed development plan is more effective than Magnum Hunter's plan and will result in the protection of correlative rights and the prevention of waste. 5. **Exhibit B-1** is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef.

6. **Exhibit B-2(a)** is a wellbore schematic showing Avant's development plan. Avant is targeting the Wolfcamp Formation. I have also included as **Exhibit B-2(b)** a wellbore schematic depicting Magnum Hunter's Wolfcamp development plan, and **Exhibit B-2(c)** a wellbore schematic showing MRC Permian Co.'s ("MRC") development plan for the proposed horizontal spacing units directly adjacent to the Daytona WC Unit to the East.

7. **Exhibit B-3** is a stress orientation map demonstrating that the stress orientation is approximately east-northeast by west-southwest in the vicinity of the Daytona WC Unit.

8. **Exhibit B-4** is a map depicting Avant's operating activity in the vicinity of the Daytona WC Unit. Exhibit B-4 also includes a cross-section reference map that identifies three wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.

9. **Exhibit B-5** is a stratigraphic cross-section, and the well logs shown on the crosssection give a representative sample of the Wolfcamp formation in the area. The target zone for the Daytona 29 Fed Com #006H-009H wells, which are Wolfcamp wells, is identified by a red-dashed line and a box identifying the wells. In my opinion, the Wolfcamp formation is relatively consistent.

10. **Exhibit B-6** is a structural cross-section, and the well logs shown on the crosssection give a representative sample of the Wolfcamp formation in the area. The target zone for the Daytona 29 Fed Com #006H-009H wells is identified by a red-dashed line and a box identifying the wells. In my opinion, the Wolfcamp formation dips slightly to the south.

11. **Exhibit B-7** is a Wolfcamp Type Log and Structure map identifying the landing target for the Daytona 29 Fed Com #006H-009H wells. The type log for the Zafiro State "32" Com as utilized for this exhibit is depicted by a red star.

12. **Exhibit B-8** is a Wolfcamp Type Log and Isopach map identifying the landing target for the Daytona 29 Fed Com #006H-009H wells. The type log for the Zafiro State "32" Com as utilized for this exhibit is depicted by a red star.

13. I conclude from the geology studies referenced above that:

- a. The horizontal spacing 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 proposed unit will contribute more or less equally to production.

14. The preferred well orientation in this area is north/south because the stress orientation is approximately northeast.

15. In my opinion, the granting of Avant's application is in the interests of conservation and the prevention of waste.

16. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.

17. I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

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Allo	
John Harper	
C II	

State of Colorado

County of Denver

This record was acknowledged before me on October <u></u>, 2024, by John Harper.

[Stamp]-							
[Dtamp]	Sophia Guerra						
	NOTARY PUBLIC						
	STATE OF COLORADO						
	NOTARY ID# 20194020815						
	MY COMMISSION EXPIRES 9/14/2027						

Notary Public in and for the State of

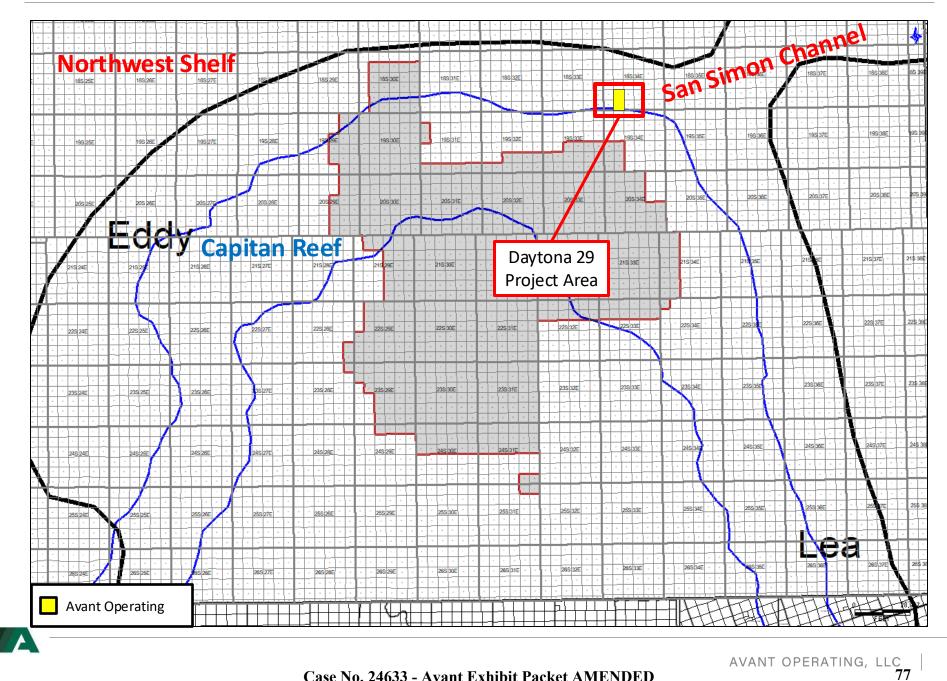
Commission Number: 20194020815

My Commission Expires: 9/14/27

Regional Locator Map Daytona 29 Federal Com #301H-#304H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit B-1



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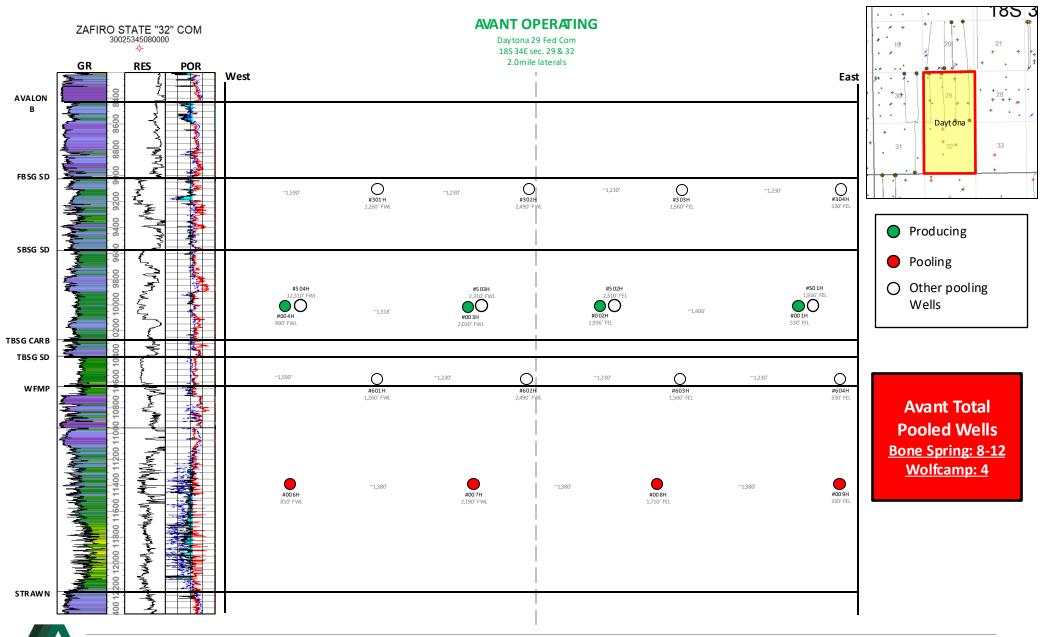
Received by OCD: 11/2/2024 2:07:46 PM Gun Barrel Development Plan FBSG – TBSG - WFMP

Daytona 29 Federal Com #301H-#304H / #601-#604H / #006H-#009H

Avant Operating, LLC Case Nos. 24633 Exhibit B-2(a)



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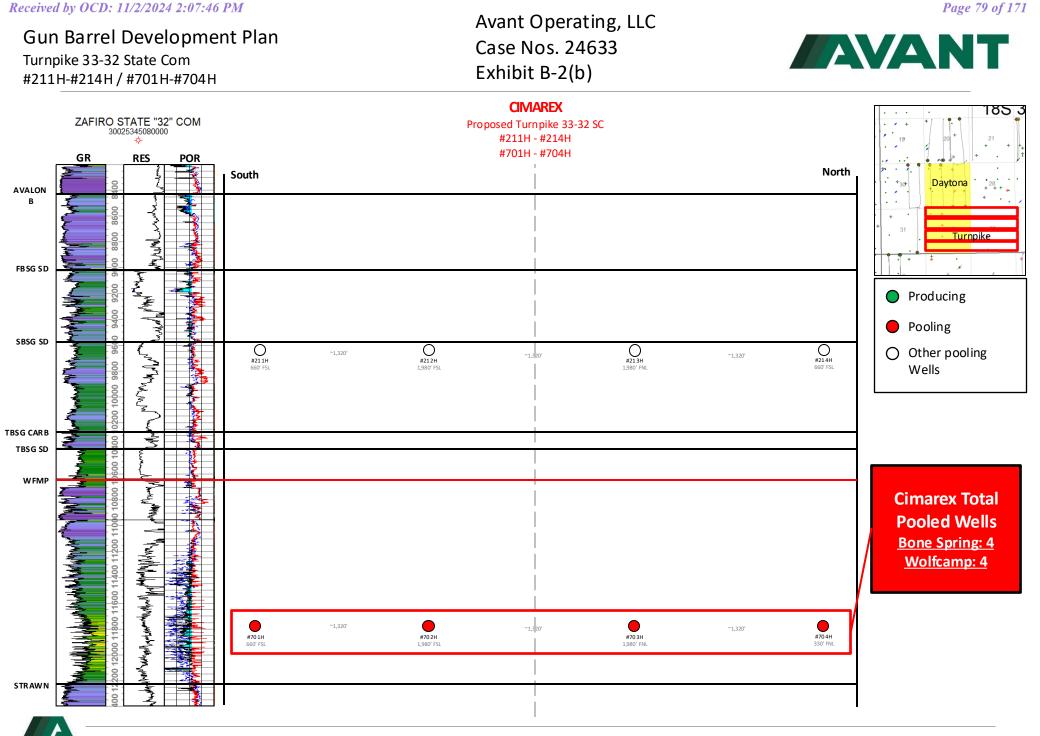


Case No. 24633 - Avant Exhibit Packet AMENDED

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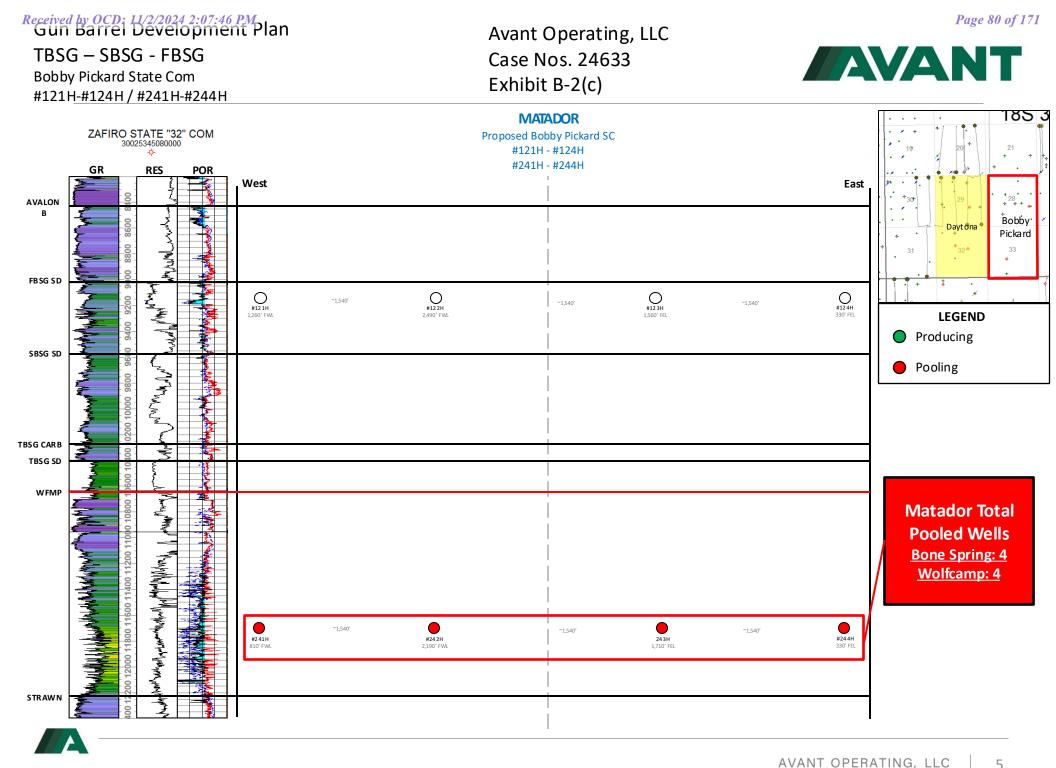
AVANT OPERATING, LLC



Case No. 24633 - Avant Exhibit Packet AMENDED

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AVANT OPERATING, LLC 79



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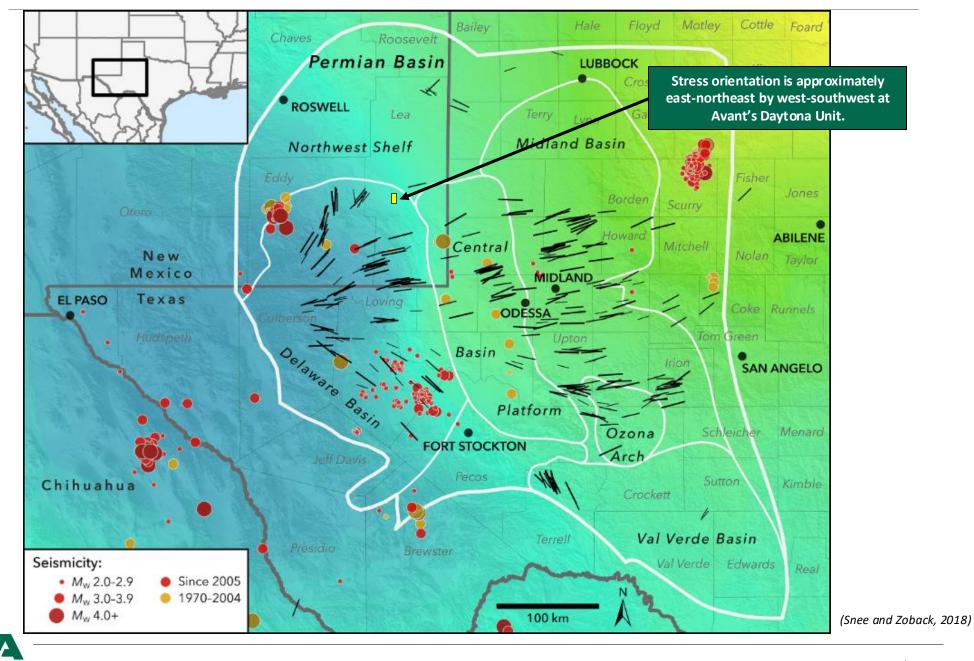
Stress Orientation Map

. Daytona 29 Fed Com #301H-#304H / #601H-#604H / #006H-#009H

Avant Operating, LLC Case Nos. 24633 Exhibit B-3



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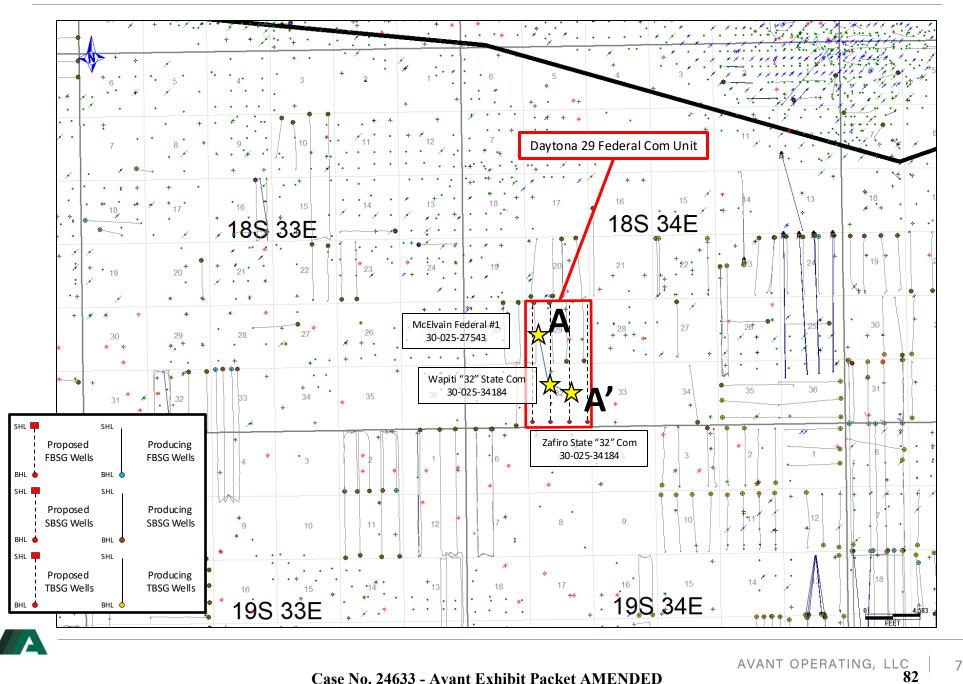
AVANT OPERATING, LLC

Cross-Section Locator Map (A-A')

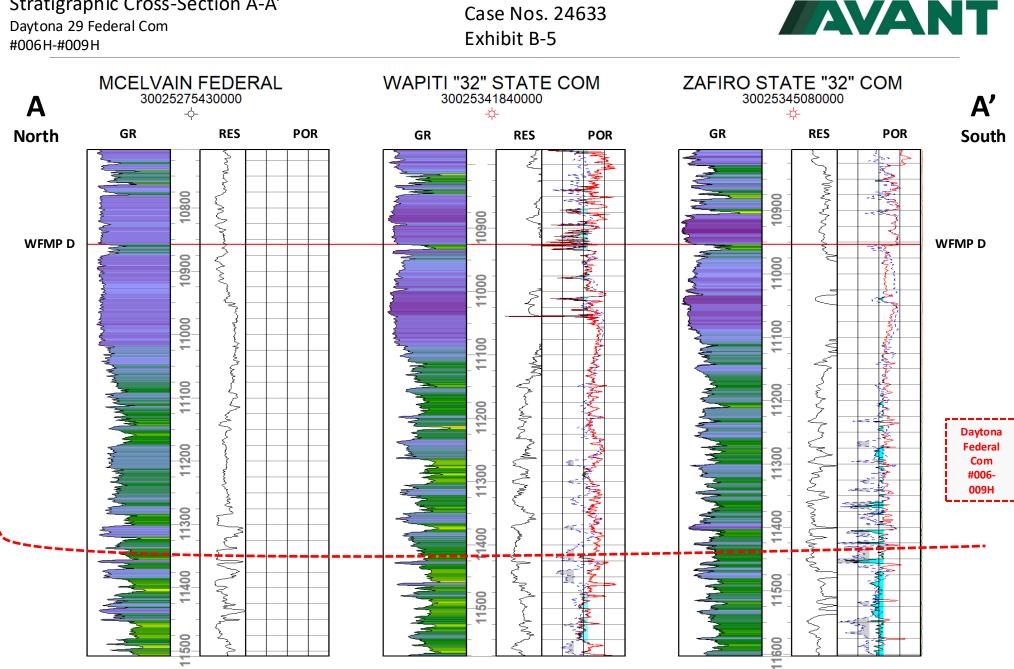
Daytona 29 Federal Com #301H-#304H / #601-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit B-4



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Case No. 24633 - Avant Exhibit Packet AMENDED

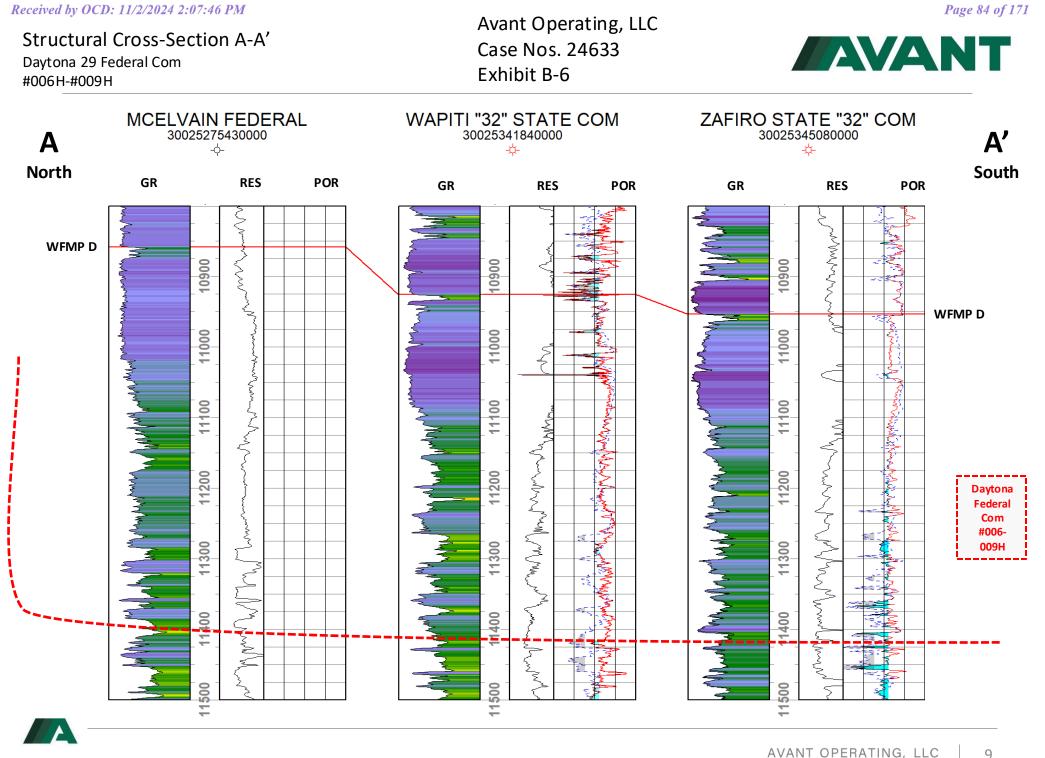
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Stratigraphic Cross-Section A-A'

Avant Operating, LLC





Case No. 24633 - Avant Exhibit Packet AMENDED

AVANT OPERATING, LLC 84

Wolfcamp Type Log and Structure Daytona 29 Federal Com #006H-#009H

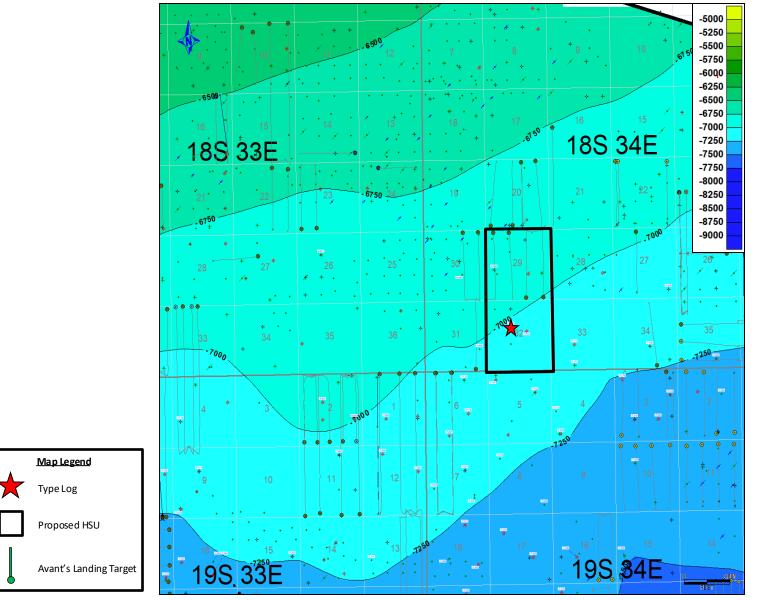
ZAFIRO STATE "32" COM 30025345080000 **NP HI** GR RES Log¹⁰ DPHI 0.2 - 20000 0.3 - .01 0 - 150 0060 18S 33E 11000 1100 1200 Wolfcamp D 7000 1300 z 1400 Map Legend Type Log Proposed HSU 9S.33E Avant's Landing Target 11

Top Wolfcamp D Structure (SS') (CI:250')

Case No. 24633 - Avant Exhibit Packet AMENDED

Avant Operating, LLC Case Nos. 24633 Exhibit B-7





Received by OCD: 11/2/2024 2:07:46 PM

Wolfcamp Type Log and Isopach Daytona 29 Federal Com #006H-#009H

ZAFIRO STATE "32" COM 30025345080000 **NP HI** GR RES Log¹⁰ DPHI 0.2 - 20000 0 - 150 0.3 - .01 0060 11000 1100 1200 Wolfcamp D 1300 1400 Map Legend Type Log Proposed HSU Avant's Landing Target 11

Lower Wolfcamp Isopach Map (CI:25')

Case No. 24633 - Avant Exhibit Packet AMENDED

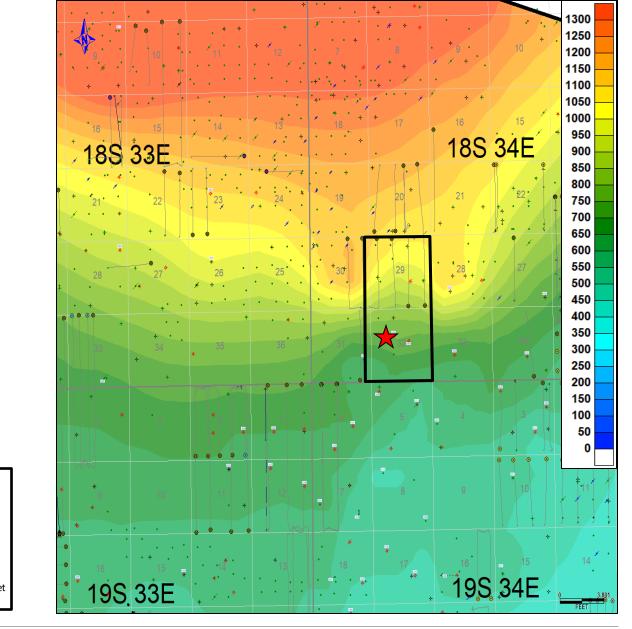


Avant Operating, LLC Case Nos. 24633 Exhibit B-8



Page 86 of 171





11

AVANT OPERATING, LLC 86

RESERVOIR

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Exhibit C Reservoir Exhibits Case No. 24633

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

APPLICATION OF AVANT OPERATING, LLC FOR APPROVAL OF A NON-STANDARD UNIT, COMPULSORY POOLING, AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, LEA COUNTY, NEW MEXICO.

CASE NO. 24633

APPLICATION OF MAGNUM HUNTER, LLC FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 24756-24759

AFFIDAVIT OF SHANE KELLY

Shane Kelly, being duly sworn, deposes and states as follows:

1. I am over the age of 18, I am a reservoir engineer for Avant Operating, LLC ("Avant") and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum engineer were accepted by the Division as a matter of record.

2. My area of responsibility includes the area of Lea County in New Mexico.

3. I am familiar with the application Avant filed in Case No. 24633 ("Daytona WC Unit"). I am also familiar with the application filed by Magnum Hunter Production, Inc. ("Magnum Hunter") in Case Numbers 24756-24759 ("Turnpike WC Cases").

4. In my opinion, Avant's proposed development plan is more effective than Magnum Hunter's plan and will result in the protection of correlative rights and the prevention of waste.

5. In my opinion, Magnum Hunter's plan is suboptimal, based on the relative orientation of the Turnpike WC Units (east to west) relative to the Daytona WC Unit (north to

south). Specifically, the Turnpike WC Units are suboptimal because they are oriented east to west.

As **Exhibit C-1** demonstrates, wells in the vicinity of the Daytona WC Unit that were drilled on an east to west orientation underperform those wells drilled on a north to south orientation by approximately 52%, as measured by average well cumulative production normalized to a 10,000' lateral. In addition, as illustrated, Avant controls the western-adjacent standup 1280-acre horizontal spacing unit, which provides Avant the ability to both limit depletion issues and maximize recovery in both units.

6. **Exhibit C-2** is a plat depicting general well orientation in the direct vicinity of the Daytona WC Unit. As is depicted on the plat, approximately 95% of all development from 2016 to present has been conducted on a north to south orientation, as proposed by Avant in this case.

7. **Exhibit C-3** is a plat depicting Avant's oil takeaway capacity for the Daytona WC Unit. Avant has secured a 10-year dedication agreement beginning December 1, 2023, obligating Plains to connect to all Avant Central Tank Batteries ("CTBs") in the direct vicinity of the Daytona BS Unit, regardless of well count.

8. **Exhibit C-4** is a plat depicting Avant's gas takeaway capacity for the Daytona WC Unit. Avant has secured a 15-year gas gathering, et al., dedication agreement beginning November 14, 2023, obligating Northwind to connect to all Avant CTBs in the direct vicinity of the Daytona BS Unit, regardless of well count. Via this dedication agreement, Avant has secured access to reliable gas takeaway capacity and treatment, which allows for full development regardless of gas composition, with no flaring.

9. **Exhibit C-5** is a plat depicting Avant's produced water takeaway capacity for the Daytona WC Unit. Avant has deployed significant capital to ensure that water infrastructure (fully

integrated water gathering and recycling system) is in place to accommodate full development. Avant's consolidated position and significant activity in the area supports this investment.

10. In this case, Avant seeks approval of a 1280-acre non-standard Wolfcamp unit.

11. Avant seeks to minimize surface disturbance and costs by consolidating facilities and commingling production from the wells and future wells in the proposed non-standard spacing unit.

12. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

[Signature page follows]

Shane Kelly

State of Colorado County of ____ Donver

This record was acknowledged before me on October <u>M</u>, 2024, by Shane Kelly.

[Stamp]

Sophia Guerra NOTARY PUBLIC STATE OF COLORADO NOTARY ID# 20194020815 MY COMMISSION EXPIRES 9/14/2027

My Commission Expires: 9/19/17

Avant Operating, LLC Case Nos. 24633 Exhibit C-1



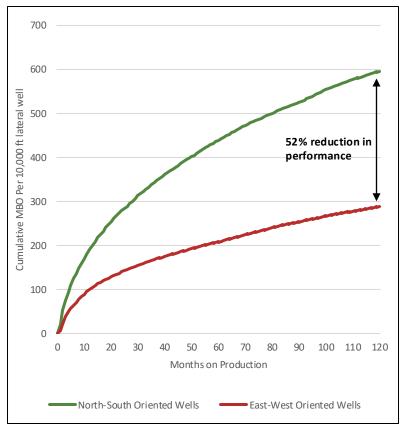
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Average Well Cum. Oil Normalized to 10,000 ft LL

Third Bone Spring Well Orientation

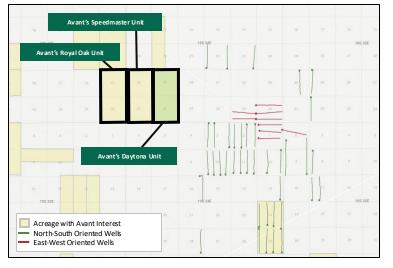
Daytona 29 Federal Com

#601H-#604H



E-W production has performed significantly worse in the area as shown by a 2012-2015 3BS field to the southeast of Daytona

North-South vs West-East Comparable Data Set



Avant's Speedmaster Unit							Avant's Daytona Unit								
~1,230	0	~1,230	0	~1,230	0	~1,230	0	~1,230	0	~1,230	0	~1,230	0	~1,230	0
0	~1,38	, C	~1,4	45'	0	•	~1,372	•	~1	,318	~1,3:	14	~1,40	б 이	
~1,590	0	~1,380	0	~1,368	0	~942	0	°1,230	0	~1,230	0	~1,230	0	~1,230	0
0	~1,3	80° () ~1	380 O	~1,38	a O	~1	380	0	~1,380	0	1,380 [°]	0	1,380	0

Avant controls unit west of Daytona with ability to limit depletion issues and maximize recovery in both units

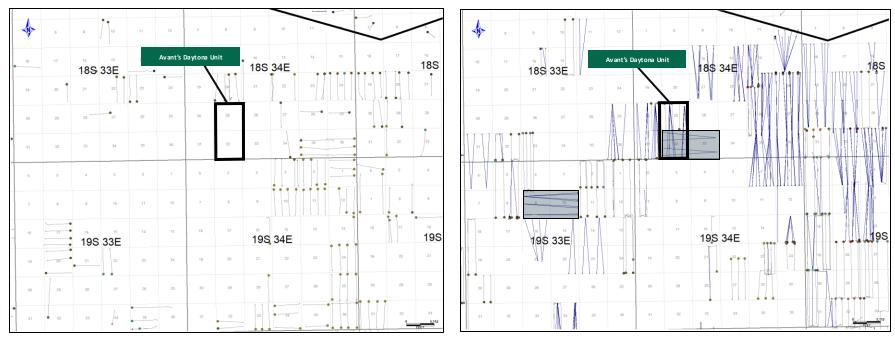
Note: MBO = 1000 barrels of oil.

Well Orientation Comparison Daytona 29 Federal Com #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24633 Exhibit C-2



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Pre-2016 Hz Development



- North-South Development Orientation accounts for 95% of development since 2016
- Only 5% of development since 2016 has been drilled in an West-East Development Orientation

N-S development has been the primary development method of choice in the area around Daytona 29 Fed Com since 2016

Post-2016 Hz Development & Permitting

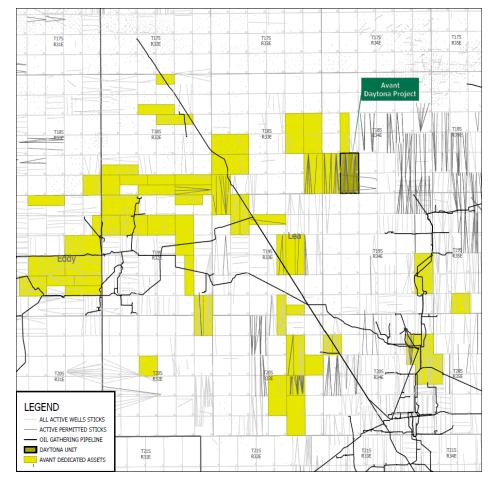
Midstream Summary – Oil Overview Daytona 29 Federal Com #301H-#304H / #601-#604H / #006H-#009H

Overview

- 10-year dedication and marketing agreement with Plains effective December 1, 2023
- Obligated to connect to CTB's within the Area A dedication regardless of well count
 - 100% of Avant's current DSU's are within the Area A dedication
- Obligated to connect to CTB's within the Area B dedication subject to a drilling commitment
 - Avant has the option to make connections within the Area B dedication should Plains not make the connection
- Marketing terms include a favorable buy/sell option providing Avant access to premium long-haul markets at both Crane and Midland



Plains Oryx Permian Basin Pipeline (Plains)



Avant has extensive access to oil transportation which will allow it to developed Daytona in the optimal way to eliminate waste



Case No. 24633 - Avant Exhibit Packet AMENDED

AVANT OPERATING, LLC

4

Midstream Summary – Gas Overview Daytona 29 Federal Com #301H-#304H / #601-#604H / #006H-#009H

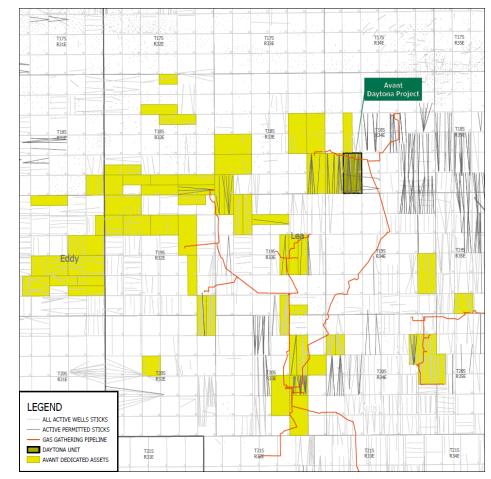
Overview

- 15-year Gas Gathering, Treating, Disposal, Processing and Purchase dedication effective November 14, 2023
- Obligation to connect to Avant CTB's across the entire acreage position
- Punitive delayed damages penalties for non-performance
 - If connections do not meet completion deadlines, material damages due to Avant for each day, up to 90 days of delay
 - Strong permanent release provisions for nonperformance
- Firm capacity of 50 MMcf/d with ability to increase
 - Sour gas treating included within firm capacity
 - Required to take and treat high N2 and CO2 gas
 - Total Acid Gas Injection firm capacity of 2 MMcf/d
- MVC in place as a % of firm capacity
 - Avant is an anchor producer backstopping the new buildout of the Northwind system providing Avant with more reliable gas takeaway
 - Firm capacity increases subject to MVC increases
- Target contract pressures of <100 psig with fee discounts due to high line pressures
- Residue gas take-in-kind option providing marketing optionality

Avant Operating, LLC Case Nos. 24633 Exhibit C-4



Northwind-Avant System



Avant has access to reliable gas takeaway capacity and treating which allows for full development regardless of gas composition



Midstream Summary – Produced Water Daytona 29 Federal Com #301H-#304H / #601-#604H / #006H-#009H

Overview

- Avant is spending significant capital in water infrastructure to ensure pipeline and recycling solutions are in place
- Avant's consolidated position and significant activity supports the investment in water infrastructure
- Avant is creating a fully integrated water gathering and recycling system which includes:
 - 3.75 MMBw recycle capabilities across two locations
 - ~200k barrels per day gathering capacity
 - ~180k barrels per day recycling capacity
 - 14 miles of 20" gathering pipeline
 - 9 miles of 16" gathering pipeline
 - 6 miles of 12" gathering pipeline
 - Reviewing offtake connections for disposal access
- Large % of Avant frac supply to be from recycle facilities as water conservation is a focus to Avant operations

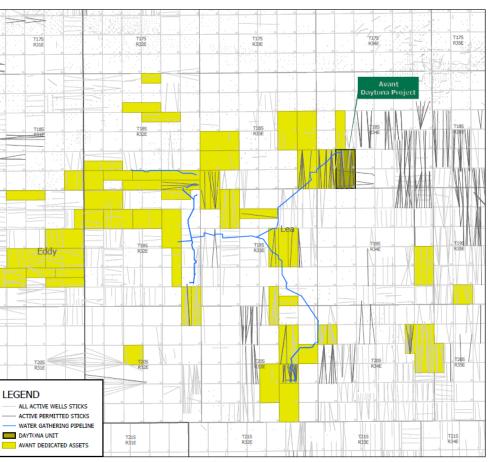


Avant Operating, LLC

Case Nos. 24633

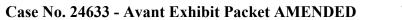
Exhibit C-5





Avant built its own water infrastructure to make operations around Daytona as efficient as possible





6

AVANT

Exhibit D Attorney Exhibits Case No. 24633

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

APPLICATION OF AVANT OPERATING, LLC FOR APPROVAL OF A NON-STANDARD UNIT, COMPULSORY POOLING, AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, LEA COUNTY, NEW MEXICO.

CASE NO. 24633

APPLICATION OF MAGNUM HUNTER, LLC FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 24756-24759

SELF-AFFIRMED STATEMENT OF BENJAMIN B. HOLLIDAY

1. I am attorney in fact and authorized representative Avant Operating, LLC ("Avant"), the Applicant in Case No. 24633.

2. I am familiar with the Notice Letter attached as **Exhibit D-1**. My predecessor counsel – Beatty & Wozniak – caused the Notice Letters, along with the Application in this case, to be sent to all parties set out in the chart attached as **Exhibit D-2**.

3. Copies of the certified mail green cards and white slips will be provided in advance of the contested hearing date in the above referenced matters.

4. On July 14, 2024, my predecessor counsel – Beatty & Wozniak – caused a notice to be published to all interested parties in the Hobbs News-Sun. An Affidavit of Publication from the Legal Clerk of the Hobbs News-Sun, along with a copy of the notice publication, is attached as **Exhibit D-4**.

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

[s] Benjamin B. Holliday BENJAMIN B. HOLLIDAY Counsel for Avant Operating, LLC October 29, 2024 Date

Exhibit D-1 Sample Notice Letter Case No. 24633

BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW 500 DON GASPAR AVENUE SANTA FE, NEW MEXICO 87505 TELEPHONE 505-983-8545 FACSIMILE 800-886-6566 www.bwenergylaw.com

COLORADO NEW MEXICO WYOMING

MIGUEL SUAZO

505-946-2090 MSUAZO@BWENERGYLAW.COM

July 2, 2024

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO SPACING AND POOLING PROCEEDINGS

Re: Application of Avant Operating LLC for Compulsory Pooling and Approval of a Non-Standard Horizontal Spacing Unit in Lea County, New Mexico (Case No. 24633)

Dear Interest Owners:

This letter is to advise you that Avant Operating LLC ("Avant") has filed the enclosed application, Case No. 24633, with the New Mexico Oil Conservation Division for Compulsory Pooling and Approval of Non-Standard Spacing Unit in Lea County, New Mexico.

In Case No. 24633, Avant seeks an Order from the Division to: (1) create a non-standard 1,280-acre, more or less, spacing and proration unit composed of all of Sections 29 and 32, Township 18 South, Range 34 East, N.M.P.M. Lea County, New Mexico; and (2) to pool all uncommitted mineral interests in the Wolfcamp formation, designated as an oil pool, underlying said unit.

A hearing has been requested before a Division Examiner on July 25, 2024, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m. and will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To view the hearing docket and to determine how to participate in the electronic hearing, visit the Division's website at: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u> or call (505) 476-3441.

You are being notified as an interest owner 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 contesting the matter at a later date.

Parties appearing in cases who intend to present evidence 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 submitted through the OCD E-Permitting system

BEATTY & WOZNIAK, P.C.

July 2, 2024 Case No. 24633 Page 2

(https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/) or via e-mail to ocd.hearings@emnrd.nm.gov 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. The statement must also be provided to the attorney for the applicant, Miguel Suazo at msuazo@bwenergylaw.com.

If you have any questions about this matter, please contact Sophia Guerra at (303) 519-2870 or at <u>sophia@avantnr.com</u>.

Sincerely,

Miguel Suazo

Attorney for Avant Operating, LLC

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

APPLICATION OF AVANT OPERATING, LLC FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD HORIZONTAL SPACING UNIT, LEA COUNTY, NEW MEXICO

Case No.

APPLICATION

Avant Operating, LLC, OGRID No. 330396 ("Avant" or "Applicant"), through its undersigned attorneys, hereby files this Application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17 and 19.15.16.15(B)(5) NMAC, for an order (1) approving a 1,280-acre, more or less, non-standard horizontal spacing unit ("HSU") composed of all of Sections 29 and 32, Township 18 South, Range 34 East, N.M.P.M. (the "Application Lands"), and (2) pooling all uncommitted mineral interests in the Wolfcamp Formation, designated as an oil pool, underlying said HSU.

In support of its Application, Avant states the following:

1. Avant is a working interest owner in the subject lands and has a right to drill wells thereon.

2. Avant seeks to dedicate all of the Application Lands to form a 1,280-acre, more or less, HSU.

3. Avant seeks to dedicate the above-referenced HSU to the following proposed wells:

A. **Daytona 29 Fed Com #006H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SW/4 (Unit M) of Section 32;

B. **Daytona 29 Fed Com #007H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit N) of Section 32;

C. **Daytona 29 Fed Com #008H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SE/4 (Unit O) of Section 32; and

D. **Daytona 29 Fed Com #009H**, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SE/4(Unit P) of Section 32.

4. The wells are orthodox in their location as defined by 19.15.16.15.(C) NMAC, and the take points and laterals comply with Statewide Rules for setbacks under 19.15.16.15.(C) NMAC.

5. Avant has sought in good faith but has been unable to obtain voluntary agreement from all interest owners in the Wolfcamp Formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

6. The pooling of all interests in the Wolfcamp Formation within the proposed unit will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

7. Approval of a non-standard horizontal spacing unit is necessary to prevent waste and protect correlative rights.

8. To provide for its just and fair share of the oil and gas underlying the subject lands, Avant requests that all uncommitted interests in this HSU be pooled and that Avant be designated as the operator of the proposed horizontal wells and HSU. WHEREFORE, Avant requests this Application be set for hearing on July 11, 2024, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- A. Approving the creation of an approximately 1,280-acre non-standard HSU, composed of the Application Lands, pursuant to 19.15.16.15(B)(5) NMAC;
- B. Pooling all uncommitted interests in the Wolfcamp Formation underlying the HSU within the Application Lands;
- C. Approving the Daytona 29 Fed Com #006H, Daytona 29 Fed Com #007H, Daytona 29 Fed Com #008H, and Daytona 29 Fed Com #009H as the wells for the HSU.
- D. Designating Avant as operator of the HSU and the horizontal wells to be drilled thereon;
- E. Authorizing Avant 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
- G. Setting a 200% charge for the risk assumed by Avant in drilling and completing the wells in the event a working interest owner elects not to participate in the wells, as authorized by NMSA 1978, § 70-2-17.

Respectfully submitted,

BEATTY & WOZNIAK, P.C.

By:

James P. Parrot Miguel A. Suazo Sophia A. Graham Kaitlyn A. Luck 500 Don Gaspar Ave., Santa Fe, NM 87505 (505) 946-2090 msuazo@bwenergylaw.com jparrot@bwenergylaw.com sgraham@bwenergylaw.com kluck@bwenergylaw.com

Attorneys for Avant Operating, LLC

Application of Avant Natural Resources, LLC for Compulsory Pooling and Approving a Non-Standard Horizontal Spacing Unit and, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) approving a 1,280-acre, more or less, non-standard horizontal spacing and proration unit composed of all of Sections 29 and 32, Township 18 South, Range 34 East, N.M.P.M.; and (2) pooling all uncommitted mineral interests in the Wolfcamp Formation, designated as an oil pool, underlying said unit. The proposed wells to be dedicated to the horizontal spacing unit are the Daytona 29 Fed Com #006H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SW/4 (Unit M) of Section 32; Davtona 29 Fed Com #007H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit N) of Section 32; Daytona 29 Fed Com #008H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SW/4SE/4 (Unit O) of Section 32; and Daytona 29 Fed Com #009H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SE/4 (Unit P) of Section 32. The wells are orthodox in location, and the take points and laterals comply with Statewide Rules for setbacks. 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 22 miles west from Hobbs, New Mexico.

Exhibit D-2 Notice Chart Case No. 24633

WI OWNERS				
OWNER	ADDRESS INTEREST TYPE			
	600 East Las Colinas Blvd.,			
	Suite 1100			
Magnum Hunter Production, Inc.	Irving, Texas 75039	WI		
	300 N. Marienfeld St., Ste. 1000			
Earthstone Permian, LLC	Midland, TX 79701	WI		
	990 Town and Country Blvd			
Marathon Oil Permian, LLC	Houston, TX 77024	WI		
	P.O. Box 94903			
Burk Royalty Company	Wichita Falls, Texas 76308	WI		
	6 Desta Dr, Suite 4400			
W.T.G. Exploration, Inc.	Midland, TX 79705	WI		
	888 7th Avenue, #330			
George Soros	New York, New York 10106	WI		
	18 W. 86th Street			
Susan Weber	New York, New York 10024	WI		
	PO Box 181020			
Marbella Development, LP	Corpus Christi, TX 78480	WI		
	115 E. Riverwalk, Unit 400			
A. H. Gonzales Oil Co	Pueblo, CO 81003	WI		
	645 S. Lewis, Suite 200			
Viersen Oil & Gas Co.	Tulsa, Oklahoma 74136	WI		
	303 West Wall, Suite 1000			
James D. Moring and wife, Dorothy D. Moring	Midland, Texas 79701	WI		
	P.O. Box 10886			
Manta Oil & Gas Company	Midland, Texas 79702	WI		
	Steven W. Smith, Personal			
	Representative of The Estate of Alice			
	Marie Smith, Deceased			
	3012 Diamond A Drive			
The Estate of Alice Marie Smith, Deceased	Roswell, New Mexico 88201	WI		
	202 North Eisenhower			
Schlagal Brothers	Midland, TX 79703	WI		
	3003 Paleo Pt			
Timothy R. MacDonald	College Station, TX 77845	WI		
	226 Bora Bora			
The Estate of R. C. Schlagal, Deceased	Galveston, TX 77554	WI		
	226 Bora Bora			
The Estate of Alice R. Schlagal, Deceased	Galveston, TX 77554	WI		
	1001 W. Wall Street			
Maverick Oil & Gas Corporation	Midland, Texas 79704	WI		
	6733 S Yale Ave			
Kaiser-Francis Oil Company	Tulsa, OK 74136	WI		
	5950 Cedar Springs Rd			
HOG Partnership LP	Dallas, TX 75235	WI		
	2802 N Garfield St			
Trainer Partners, LTD	Midland, TX 79705	WI		
	PO Box 10502			
Mexco Energy Corporation	Midland, TX 79702	WI		
	2230 Republic Bank Tower			
Don O. Chapell, Inc.	Dallas, TX 75201	WI		

	PO Box 2769]
Mewbourne Oil Company	Tyler, TX 75701	WI
	1302 West Ave.	
DelMar Holdings, LP	Austin, TX 78701	WI
	PO Box 2769	
Mewbourne and Daughters, Ltd.	Tyler, TX 75701	WI
Mewbourne Development Partners, 94-A,	PO Box 2769	
L.P.	Tyler, TX 75701	WI
Mewbourne Development Partners, 93-B,	PO Box 2769	
L.P.	Tyler, TX 75701	WI
	PO Box 2769	
Mewbourne Development Corporation	Tyler, TX 75701	WI
	PO Box 2769	
Mewbourne Development Corporation #1	Tyler, TX 75701	WI
	PO Box 2769	
Mewbourne Development Corporation #2	Tyler, TX 75701	WI
	PO Box 2769	
Mewbourne Development Corporation #3	Tyler, TX 75701	WI
	P.O. Box 801888	
McElvain Oil Company LP	Dallas, Texas 75380	WI
	1819 Denver West Drive	
T. H. McElvain Oil & Gas, LLLP	Lakewood, Colorado 80401	WI
Drive - Fundametian da -	250 Fillmore Street, Ste 450	14/1
Prima Exploration, Inc.	Denver, CO 80206-4918	WI
Mouholo II C	4005 Euclid Avenue Dallas, Texas 75205	WI
Maybole, LLC		VVI
	Jacqueline M. Withers Trustee of the	
	Jacquelin M. Withers Trust U/A dated	
	December 10, 1992 3429 Devonshire Way	
	Palm Beach Gardens, Florida 33418-	
Jacqueline M. Withers Trust	6881	WI
	1715 North Wolcott Ave.	
Everette L. Andrews Jr. Trustee	Chicago, Illinois 60622	WI
	1320 Lake Street	
Boswell Interests Ltd	Fort Worth, Texas 76102	WI
	801 Cherry Street, Ste. 1500	
Burnett Oil Company	Fort Worth, Texas 76102	WI
	1320 Lake Street	
CEB Oil Company	Fort Worth, Texas 76102	WI
	6300 Ridglea Place, #611	
Merlyn Holland Wright Dahlin	Fort Worth, Texas 76102	WI
	6300 Ridglea Place, #611	
Amy Vernae Dahlin Trust	Fort Worth, Texas 76116	WI
	1320 Lake Street	
EAB Oil Company	Fort Worth, Texas 76102	WI
	14902 Preston Road	
	#404-768	
Michael J. Havel	Dallas, Texas 75254	WI
	815 W. 10th St.	
David L. Henderson	Fort Worth, Texas 76102	WI

	815 W. 10th St.	
David L. Henderson and Dawn Henderson	Fort Worth, Texas 76102	WI
Houston and Emma Hill Trust Estate	500 W. 7th, Ste. 1802, Unit 16	
HHE II, LLC and Horcado Dream, LLC	Fort Worth, Texas 76102-4516	WI
	1320 Lake Street	
John P. Oil Company	Fort Worth, TX 76102	WI
	3838 Oak Lawn Ave, Suite 1525	
Ozark Exploration, Inc	Dallas, TX 75219	WI
	1320 Lake Street	
PVB Oil Company	Fort Worth, Texas 76102	WI
	9975 J-2 Ranch Road	
Sierra Madre Energy, LLC	Inez, TX 77968	WI
	815 W. 10th Street	
Charles W. Seely, Jr.	Fort Worth, Texas 76102	WI
	815 W. 10th Street	
Seely Petroleum Partners, LP	Fort Worth, Texas 76102	WI
	815 W. 10th Street	
SSV&H Associates	Fort Worth, Texas 76102	WI
J. Cleo Thompson and James Cleo	325 N. Paul St. Ste. 4300	
Thompson Jr, LP	Dallas, Texas 75201	WI
	11117 Blue Sky Drive	
Adelaide Y. Thomsen, Trustee	Haslet, Texas 76052	WI
	P.O. Box 3739	
Wes-Tex Drilling Co. LP	Abilene, Texas 79604	WI
	P.O. Box 10	
2017 Permian Basin JV	St. Tammany Parish, LA 70437	WI

ORRI OWNERS			
OWNER	ADDRESS	INTEREST TYPE	
	P. O. Box 7698		
Mewbourne Oil Company	Tyler, Texas 7571	ORRI	
	4245 Kemp Blvd., Ste. 600		
Burk Royalty Company	Wichita Falls, Texas 76308	ORRI	
	211 North Colorado		
W.T.G. Exploration, Inc.	Midland, Texas 79701-4607	ORRI	
	630 Jemez		
Bovina Limited Liability Company	Hobbs, New Mexico 88240	ORRI	
	5555 San Felipe St.		
Marathon Oil Permian, LLC	Houston, Texas 77056	ORRI	
	P.O. Box 823085		
Nearburg Producing Company	Dallas, Texas 75382	ORRI	
	2195 Fallview Dr.		
A. H. Gonzales Oil Co.	Pueblo, Colorado 81006	ORRI	
	2110-B Boca Raton Dr., Ste. 100		
Marbella Development, LP	Austin, Texas 78747-1674	ORRI	
	P.O. Box 25204		
David A. Hart (Andrea M. Hart, spouse)	Dallas, Texas 75225	ORRI	
	P.O. Box 1708		
Coyote Oil and Gas, LLC	Hobbs, New Mexico 88241	ORRI	
	3725 Cherry Avenue		
Top Brass Oil Properties, Inc.	Long Beach, California 90807	ORRI	

	177 Bridgewater Circle	ORRI
James D. Moring and wife, Dorothy D. Moring	D. Moring and wife, Dorothy D. Moring Midland, Texas 79707	
	508 West Wall Street, Suite 1250	
S. E. S. Investments, Ltd.	Midland, Texas 79701	ORRI
The Estate of R. C. Schlagal, Deceased		
Trudy Gayle Schlagal Rea, Personal		
Representative of The Estate of R. C.	4214 Coyote Trail	
Schlagal, Deceased	Midland, Texas 79707	ORRI
The Estate of Alice R. Schlagal, Deceased		
Trudy Gayle Schlagal Rea, surviving	4214 Coyote Trail	
daughter of Alice R. Schlagal, Deceased	Midland, Texas 79707	ORRI
	202 North Eisenhower	
Schlagal Brothers	Midland, Texas 79703	ORRI
	P.O. Box 312	
John A. Starck	Burkett, Texas 76828	ORRI
	1603 Holloway Avenue	
Mike Petraitis	Midland, Texas 79701	ORRI
	214 W. Texas Avenue #900	
Darren Printz	Midland, Texas 79701	ORRI
	306 West Wall Street, Ste. 608	
Colgate Royalties, LP	Midland, Texas 79701	ORRI
	1515 W Calle Sur St.	
	Hobbs, New Mexico	
Penroc Oil Corporation	88240	ORRI
	60 South Munn Ave	
Geri Short	East Orange, NJ 07017	ORRI
	PO Box 627	
Slate River Oil & Gas LLC	Littleton, CO 80160	ORRI
	2802 N Garfield St	
Jan Trainer Smith	Midland, TX 79705	ORRI
	1819 Denver West Drive	
T.H. McElvain Oil & Gas LLLP	Lakewood, Colorado 80401	ORRI
	3429 Devonshire Way	
Whitney Hopkins as Successor Trustee of	Palm Beach Gardens, Florida 33418-	
the Jacqueline M. Withers Revocable Trust	6881	ORRI
Brian Peter McGary 2017 Revocable Trust		
Brian Peter McGary, Trustee	P.O. Box 830308	
Bank of America, N.A., Agent	Dallas, Texas, 75283-0308	ORRI
Mary Jane McGary Trust		
Mary Jane McGary, Trustee	P.O. Box 830308	
c/o Blue Barrel consulting	Dallas, Texas, 75283-0308	ORRI
	P.O. Box 3852	
KM Petro Investments, LLC	Stateline, Nevada 89449	ORRI
	PO Box 3788	
Buckeye Energy	Midland, Texas 79702	ORRI
	2925 Richmond Avenue, Suite 1200	
Community Minerals, LLC	Houston, TX 77098	ORRI
	3106 Elm Tree Lane	
Kathleen A. Tsibulsky	Raleigh, NC 27614	ORRI

	20 Bloomingdale Ave.	
lichelle Blum Akron, NY 14001		ORRI
	10112 Clairbourne Pl	•••••
Christine A Kelly	Raleigh, NC 27615	ORRI
The William Patrick Ashworth and Michelle	9610 Stage Rd.	•••••
Marie Ashworth Living Trust	Arkport, NY 14807	ORRI
	33 George St.	UT III
Gregory Ashworth	Wellsville, NY 14895	ORRI
	1755 Yankee Lane	UT III
John P. Ashworth	Hornell, NY 14843	ORRI
	P.O. Box 840	Orad
Sharbro Energy, LLC	Artesia, NM 88211	ORRI
	5509 Champions Dr	ORR
EOG Resources, Inc.	Midland, TX 79706	ORRI
		UNN
The First National Bank, Trustee of the Mary		
The First National Bank, Trustee of the Mary	303 West Main Street	
Anne Berliner Foundation Established under		ORRI
Trust Agreement, dated February 1, 2000	Artesia, NM 88210	
HTI Resources, Inc.	UNKNOWN	ORRI
NationsBank of Texas, NA Trustee of the	P.O. Box 830308	
Sabine Royalty Trust	Dallas, TX 75283	ORRI
	741 N. Vermont Avenue	
Braille Institute of America, Inc	Los Angeles, CA 90029	ORRI
Bank of America, N.A., Sole Trustee of the		
Selma E. Andrews Trust, for the benefit of	P.O. Box 830308	
Peggy Barrett Dallas, TX 75283		ORRI
Bank of America, N.A., Sole Trustee of the	P.O. Bo 830308	
Selma E. Andrews Perpetual Charitable Trust	Dallas, TX 75283	ORRI
	1050 17th Street	
	Suite 2500	
Thomaston, LLC	maston, LLC Denver, CO 80265	
Bank of America, N.A. Trustee under the Will	PO Box 2546	
of Roberta M. Regan, Deceased	Fort Worth, TX 76113	ORRI
	PO Box 840	
The Estate of Lillie M. Yates, deceased	Artesia, NM 88202	ORRI
	PO Box 6905	
Higgins Trust, Inc	ggins Trust, Inc Thomasville, GA 31758 OF	
	5318 Cotonwood Club Cir	
Ralph C. McElvain, Jr. Salt Lake City, UT 84117		ORRI
	2111 Borthrup	
Billy J. Cook	Midland, TX 79705	ORRI

NSU Offset					
OWNER ADDRESS INTEREST TY					
	815 W 10th St				
Seely Oil	Fort Worth, TX 76102	Operator			
	5400 LBJ Freeway, Ste 1500				
Matador Resources	Dallas, TX 75240	Operator			
	1008 W Broadway				
Yarbrough Oil LP	Hobbs, NM 88240	Operator			

	250 Fillmore St, Ste 500	
Prima Exploration		
Coterra Energy	Midland, TX 79706	Operator
	300 N Marienfeld St, Ste 1000	
Permian Resources	Midland, TX 79701	Operator
	815 W 10th St	
Seely Oil	Fort Worth, TX 76102	Lessee of Record
	2502 Camarie	
Camarie Oil and Gas inc	Midland, TX 79705	Lessee of Record
	PO Box 647	
Ross Duncan Properties LLC	Artesia, NM 88211	Lessee of Record
	PO Box 429	
Big Three Energy Group LLC	Roswell, NM 88202	Lessee of Record
	PO Box 429	
Featherstone Development Corp	Roswell, NM 88202	Lessee of Record
	PO Box 429	
Prospector LLC	Roswell, NM 88202	Lessee of Record
	2502 Camarie	
Brian C Reid	Midland, TX 79705	Lessee of Record
	PO Box 429	
Featherstone Development Corp	Roswell, NM 88202	Lessee of Record
	5400 LBJ Freeway, Ste 1500	
MRC Permian Co	Dallas, TX 75240	Lessee of Record
	1008 W Broadway	
Yarbrough Oil LP	Hobbs, NM 88240	Lessee of Record
	990 Town and Country Blvd	
Marathon Oil Permian LLC	Houston, TX 77024	Lessee of Record
	300 N Marienfeld St, Ste 1000	
Earthstone Permian LLC	Midland, TX 79701	Lessee of Record
	1819 Denver W Drive, Ste 260	
TH McElvain Oil & Gas LLLP	Lakewood, CO 80401	Lessee of Record
	3429 Devonshire Way	
Jacquelin M Withers Trust	Palm Beach Gardens, FL 33418	Lessee of Record
	PO Box 830308	
Brian Peter McGary 2017 Trust	Dallas, TX 75283	Lessee of Record
	PO Box 830308	
McGary Family Trust	Dallas, TX 75283	Lessee of Record
	PO Box 830308	
Mary Jane McGary Trust	Dallas, TX 75283	Lessee of Record

In-Unit Well Operators						
OWNER ADDRESS INTEREST TYPE						
	250 Fillmore St, Ste 500, Denver, CO					
Prima Exploration	80206	Operator				
Seely Oil	815 W 10th St, Fort Worth, TX 76102	Operator				
Rhombus Operating	PO Box 18979, Golden, CO 80402	Operator				

Exhibit D-3 Certified Mail Receipts Case No. 24633

































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15	U.S. Postal Service [™] CERTIFIED MAIL [®] RECI Domestic Mail Only	EIPT	166 1.0	U.S. Postal Service [™] CERTIFIED MAIL [®] RE Domestic Mail Only For delivery information, visit our webs
164	For delivery information, visit our website a	at www.usps.com®.	6 2	Certified Mail Fee
P5 8020 075	Adult Signature Required	Postmark Here 1809.0007	5270 020	xtra Services & Fees (check box, add fee as appropriate Heturn Receipt (hardcopy) Return Receipt (electronic) Certified Mall Restricted Delivery Adult Signature Required Adult Sign Costage
сл и	Postage Maybole, LLC		r-	Total Postac Jan Trainer Smith 2802 N Garfield St
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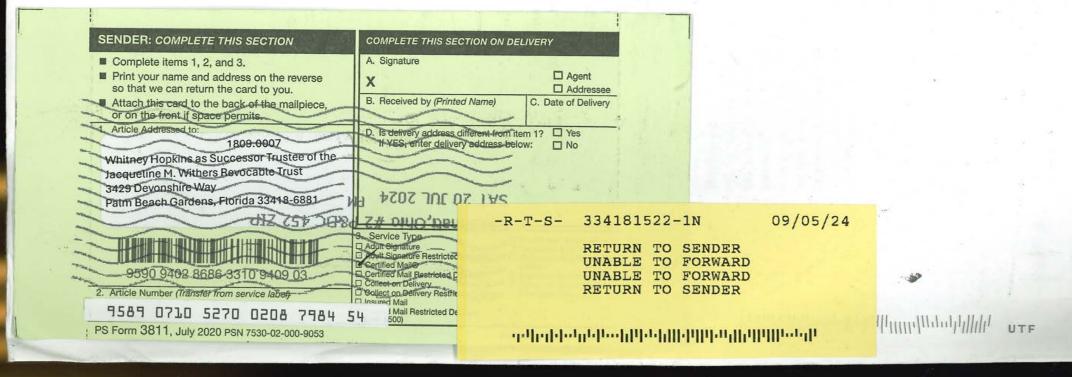






1809.0007 Whitney Hopkins as Successor Trustee of the Jacqueline M. Withers Revocable Trust

3429 Devonshire Way Palm Beach Gardens, Florida 33418-6881



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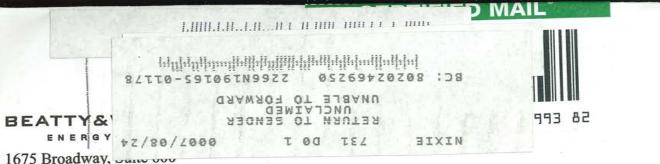




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Blairbax Energy, LLC 815 Brazos St, Suite A Austin, TX 78701

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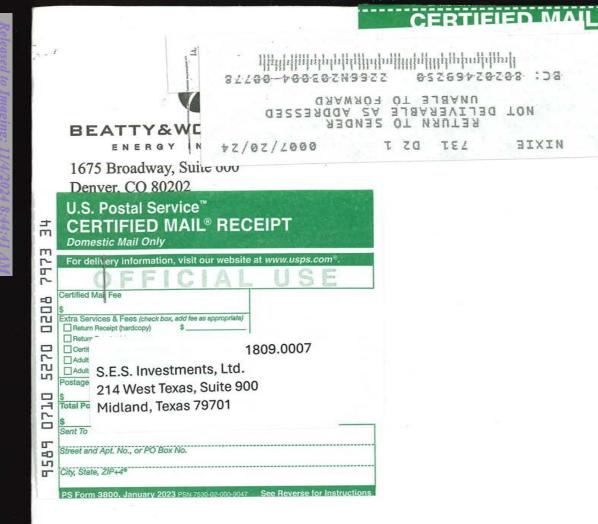
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Billy J. Cook 2111 Borthrup Midland, TX 79705

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1809.0007 S.E.S. Investments, Ltd. 214 West Texas, Suite 900 Midland, Texas 79701

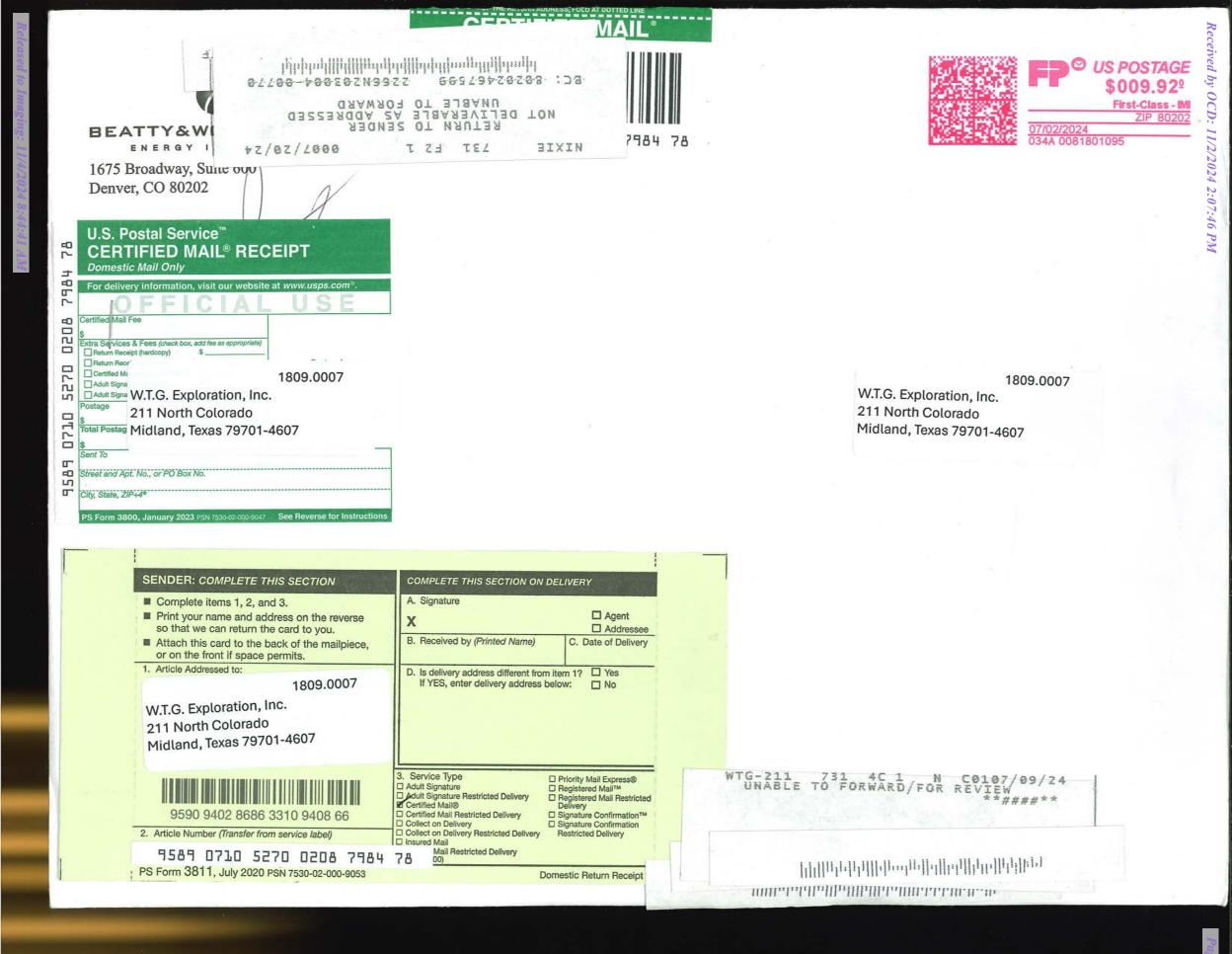
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1809.0007 Jacquelin M Withers Trust 3429 Devonshire Way Palm Beach Gardens, FL 33418

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1675 Broadway, Suite 600 - Denver, CO 80202



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Don O. Chapell, Inc. 2230 Republic Bank Tower Dallas, TX 75201



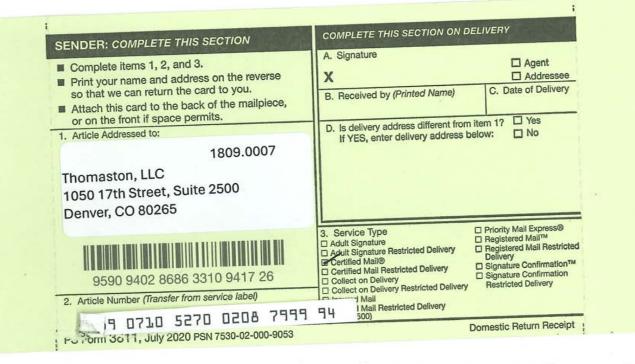








1809.0007 Thomaston, LLC 1050 17th Street, Suite 2500 Denver, CO 80265

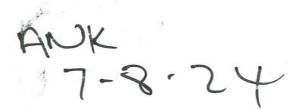




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Yarbrough Oil LP 1008 W Broadway Hobbs, NM 88240

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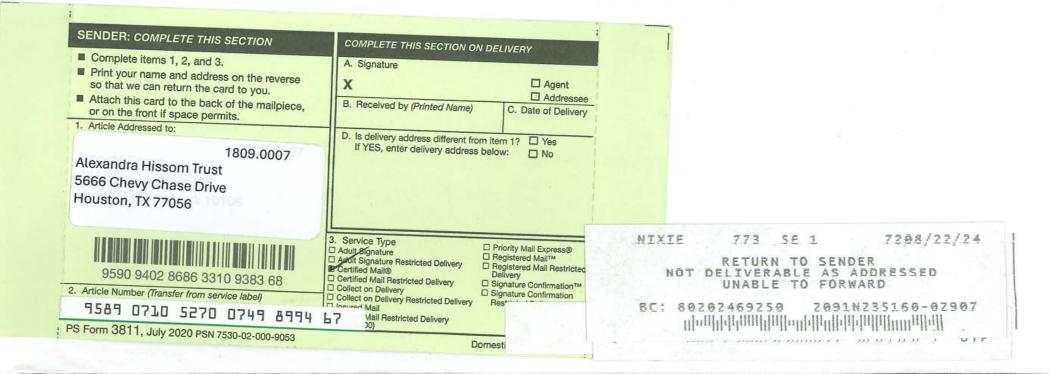
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1809.0007 Alexandra Hissom Trust 5666 Chevy Chase Drive Houston, TX 77056

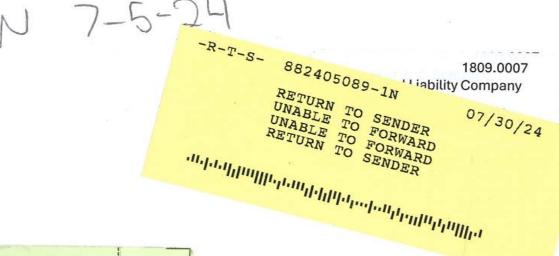


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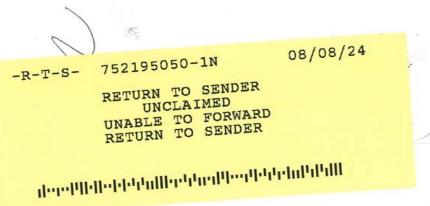
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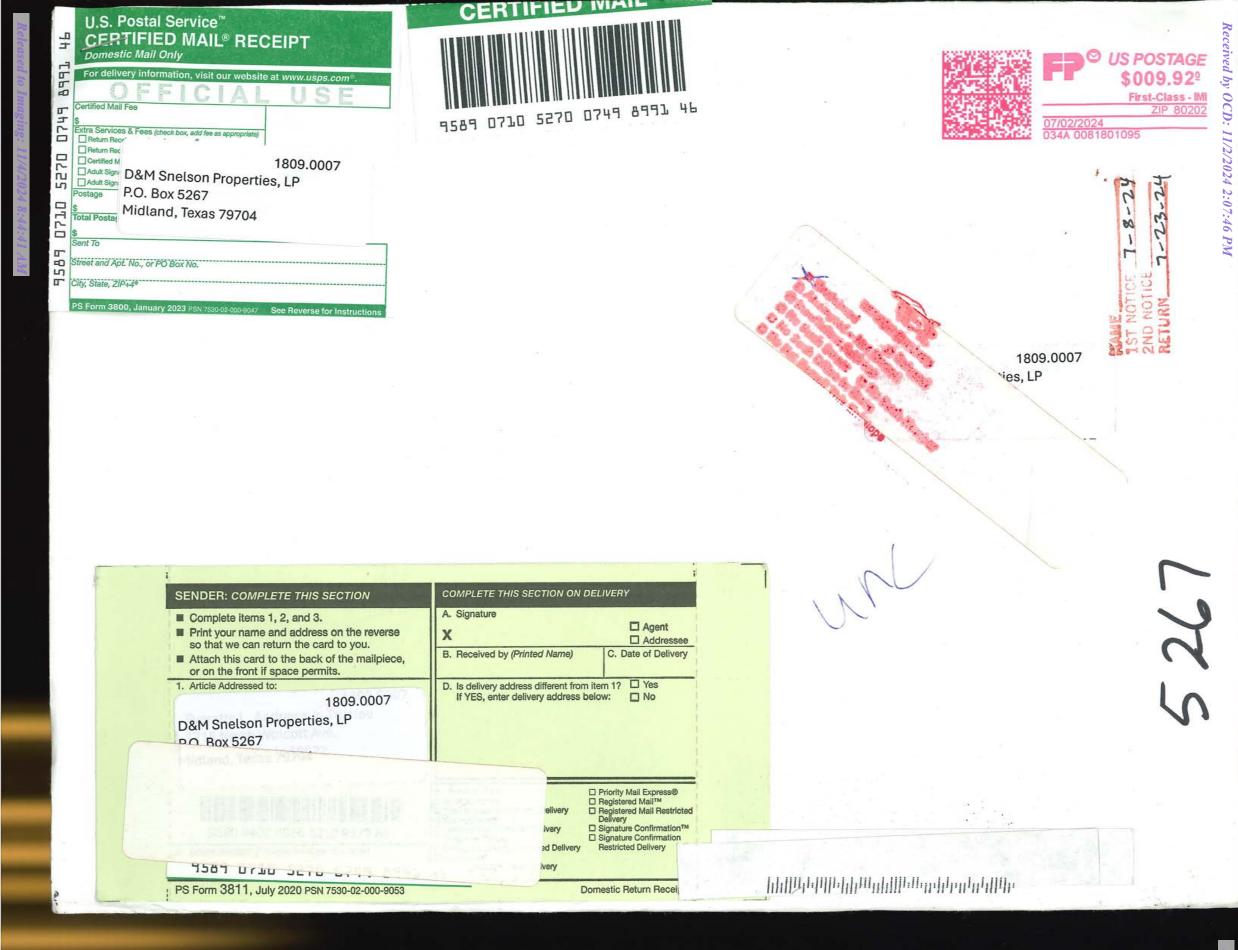
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Schlagal Brothers 202 North Eisenhower Midland, TX 79703

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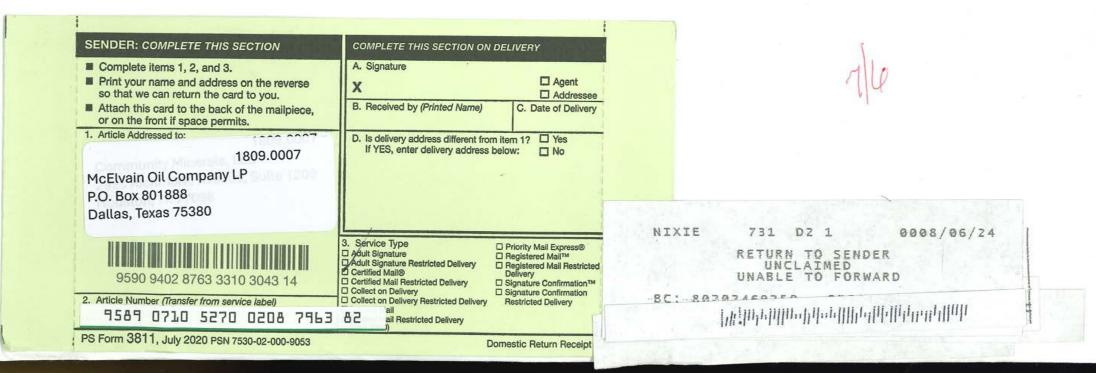
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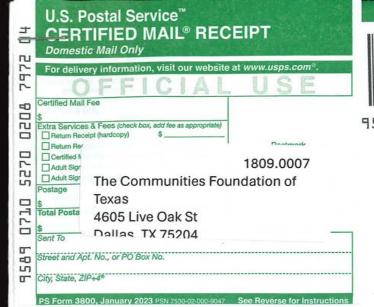
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1809.0007 McElvain Oil Company LP P.O. Box 801888 Dallas, Texas 75380



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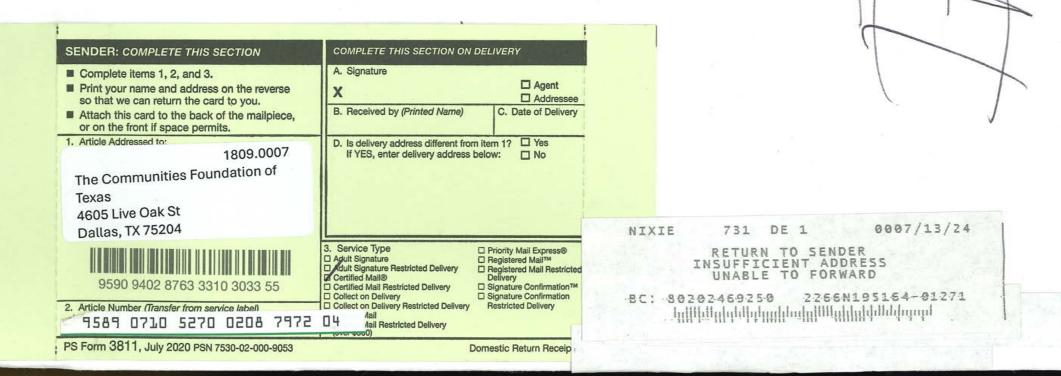








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1809.0007 The Estate of Alice R. Schlagal, Deceased Trudy Gayle Schlagal Rea, surviving daughter of Alice R. Schlagal, Deceased 4214 Coyote Trail Midland, Texas 79707

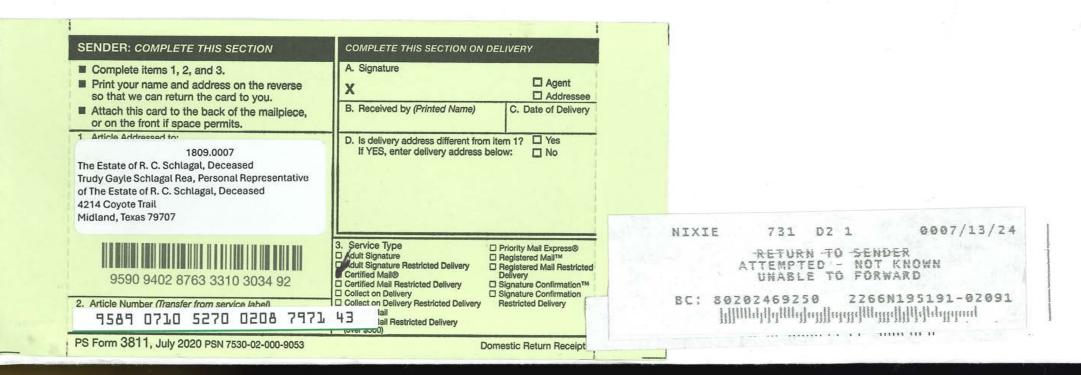
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1809.0007 The Estate of R. C. Schlagal, Deceased Trudy Gayle Schlagal Rea, Personal Representative of The Estate of R. C. Schlagal, Deceased 4214 Coyote Trail Midland, Texas 79707



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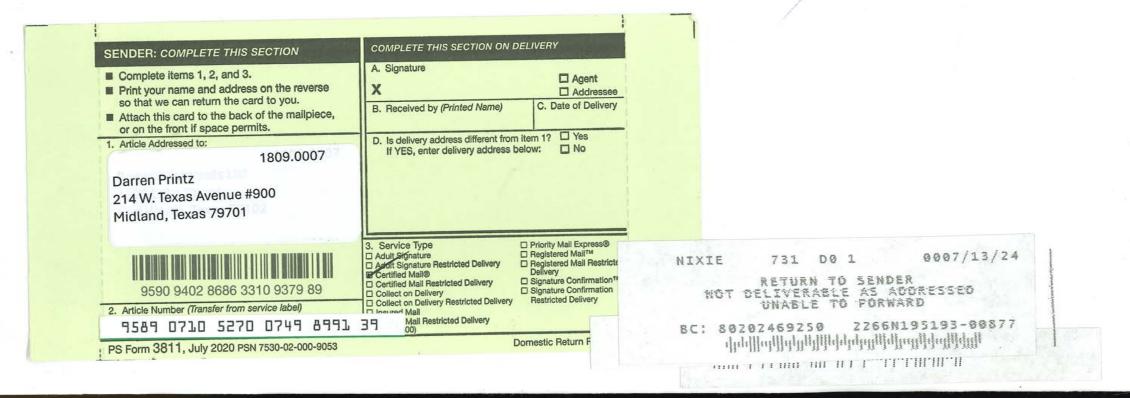


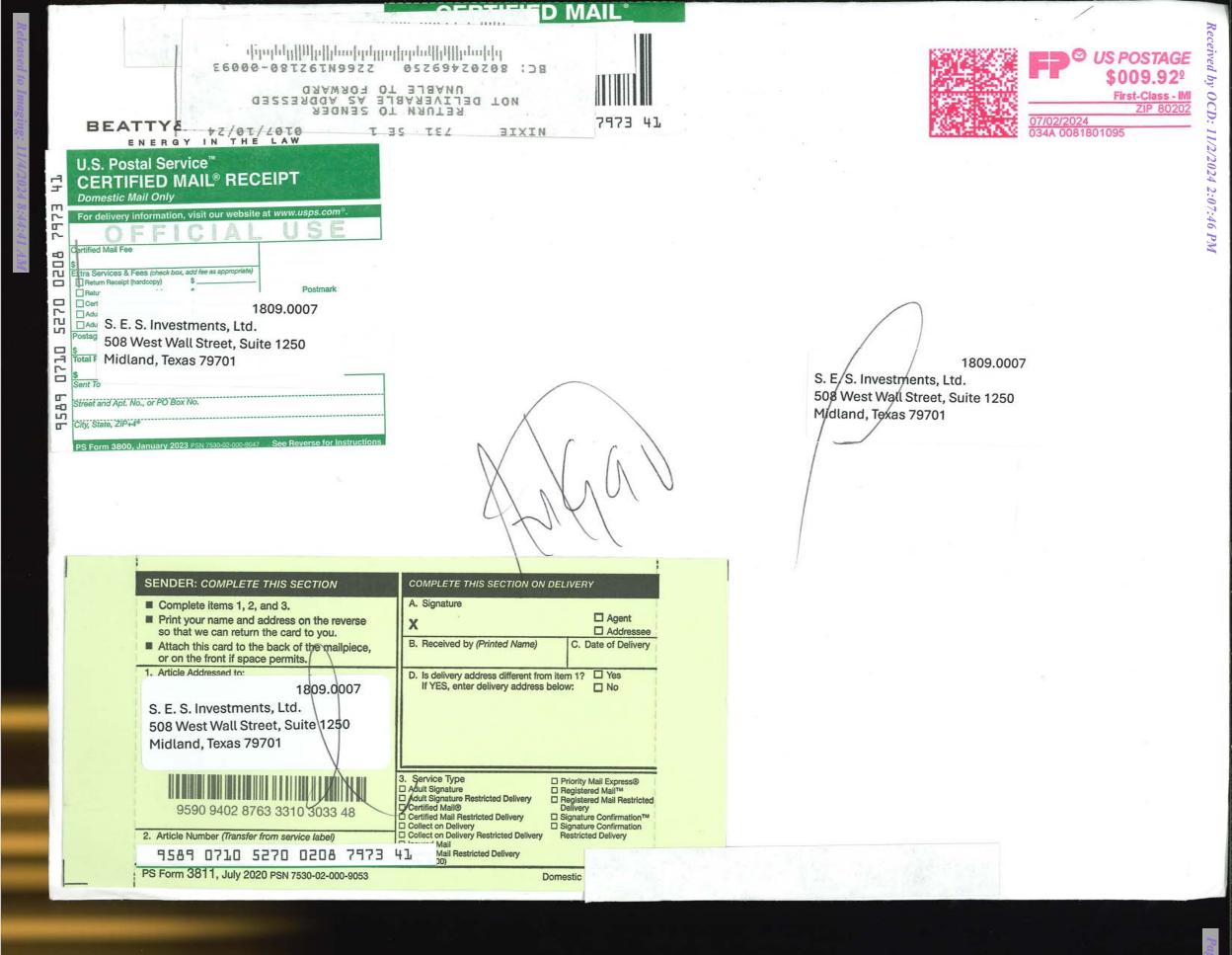




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1809.0007 Darren Printz 214 W. Texas Avenue #900 Midland, Texas 79701









1809.0007 James D. Moring and wife, Dorothy D. Moring 303 West Wall, Suite 1000 Midland, Texas 79701

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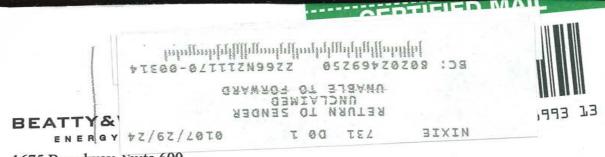




1809.0007 Magnum Hunter Production, Inc. 600 East Las Colinas Blvd., Suite 1100 Irving, Texas 75039

COMPLETE THIS SECTION ON DELIVERY SENDER: COMPLETE THIS SECTION A. Signature Complete items 1, 2, and 3. Agent Print your name and address on the reverse X Addressee so that we can return the card to you. C. Date of Delivery B. Received by (Printed Name) Attach this card to the back of the mailpiece, or on the front if space permits. D. Is delivery address different from item 1? Yes 1. Article Addressed to: No 1 If YES, enter delivery address below: 1809.0007 Magnum Hunter Production, Inc. 600 East Las Colinas Blvd., Suite 1100 0007/10/24 NIXIE 731 DC 1 Irving, Texas 75039 RETURN TO SENDER ATTEMPTED - NOT KNOWN UNABLE TO FORWARD Priority Mail Express®
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1675 Broadway, Suite 600 Denver, CO 80202

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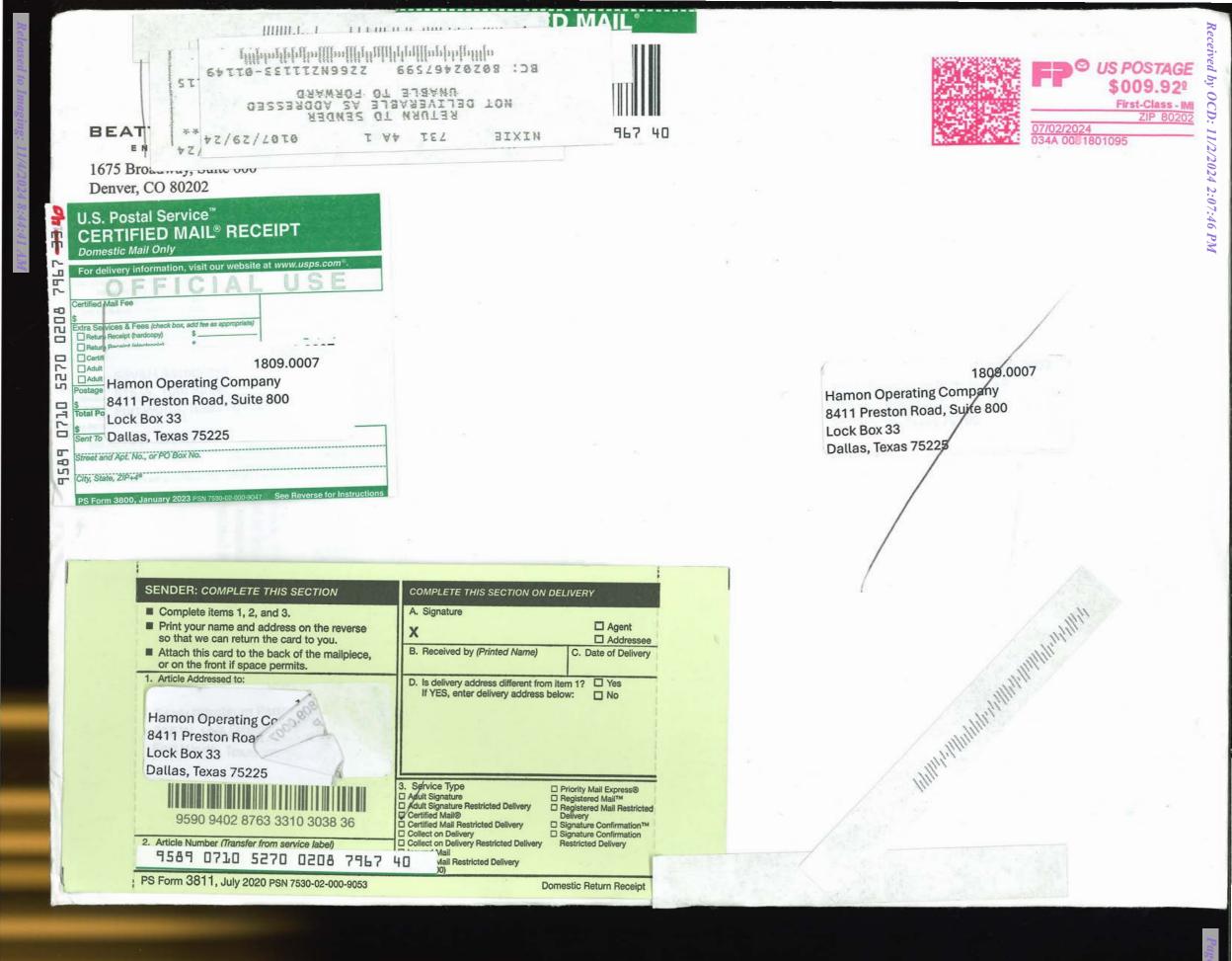
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Buckeye Energy PO Box 3788 Midland, Texas 79702



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Marbella Development, LP 2110-B Boca Raton Dr., Ste. 100 Austin, Texas 78747-1674

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Attach this card to the back of the mailpiece, or on the front if space permits.	B. Received by (Printed Name)	C. Date of Delivery				
1. Article Addressed to: 1809.0007 Marbella Development, LP	D. Is delivery address different from ite If YES, enter delivery address below the test of the test of test					
2110-B Boca Raton Dr., Ste. 100 Austin, Texas 78747-1674			-R	R-T-S- 7874 RETU	475090-1N URN TO SENDER BLE TO FORWARD	07/30/24
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2. Article Number (Transfer from service label) 9589 0710 5270 0208 7964	Collect on Delivery Restricted Delivery	Restricted Delivery		իդիրերերու	սիումիկույիկերուսիկ	ատուրո







1809.0007

Viersen Oil & Gas Co. 645 S. Lewis, Suite 200 Tulsa, Oklahoma 74136

-R-T-S-

741365037-1N

07/29/24

RETURN TO SENDER UNCLAIMED UNABLE TO FORWARD RETURN TO SENDER

<u>իրքացեկինը, ունինը Արթրվիանը Սրինիսինիս</u>

A. Signature Complete items 1, 2, and 3. Print your name and address on the reverse X so that we can return the card to you. B. Received by (Printed Name) Attach this card to the back of the mailpiece, or on the front if space permits. D. Is delivery address different from item 1?
Yes 1. Article Addressed to: If YES, enter delivery address below: No 1809.0007 Viersen Oil & Gas Co. 645 S. Lewis, Suite 200 Tulsa, Oklahoma 74136 D Priority Mail Express® 3. Service Type Registered MailTM
 Registered Mail Restricted
 Delivery Adult Signature Certified Mail® □ Signature Confirmation™

COMPLETE THIS SECTION ON DELIVERY

Certified Mail Restricted Delivery

Collect on Delivery
Collect on Delivery Restricted Delivery

\$500)

9590 9402 8686 3310 9408 28

SENDER: COMPLETE THIS SECTION

2. Article Number (Transfer from service label) Insured Mail 9589 0710 5270 0208 7984 92

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

Agent

C. Date of Delivery

Signature Confirmation

Domestic Return Receipt

Restricted Delivery

Addressee





9589 0710 5270 0208 7965 04





1809.0007 Julia Ann Hissom Trust 5666 Cherry Chase Drive Houston, TX 77056

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X Agent B. Received by (Printed Name) C. Date of Delivery	
1. Article Addressed to: 1809.0007 Julia Ann Hissom Trust 5666 Chevy Chase Drive Houston, TX 77056	 D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 	NTXTE 731 5E 1 0107/29/24
9590 9402 8763 3310 3040 31 2. Article Number (Transfer from service label) 9589 0710 5270 0208 7965	3. Service Type □ Priority Mail Express® □ Adult Signature □ Registered Mail™ □ Adult Signature Restricted Delivery □ Registered Mail Restricted Delivery □ Certified Mail® □ Signature Confirmation™ □ Collect on Delivery □ Signature Confirmation □ Collect on Delivery □ Signature Confirmation □ Adult Alail Restricted Delivery □ Signature Confirmation □ Collect on Delivery □ Signature Confirmation □ Adult Restricted Delivery □ Signature Confirmation □ Adult Restricted Delivery □ Signature Confirmation	NIXIE 731 SE 1 GIOT/ 17/ 17/ 17/ 17/ 17/ 17/ 17/ 17/ 17/ 17

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CERTIFIED MAIL



1809.0007 Marathon Oil Permian, LLC 5555 San Felipe St. Houston, Texas 77056

UTF 715/24

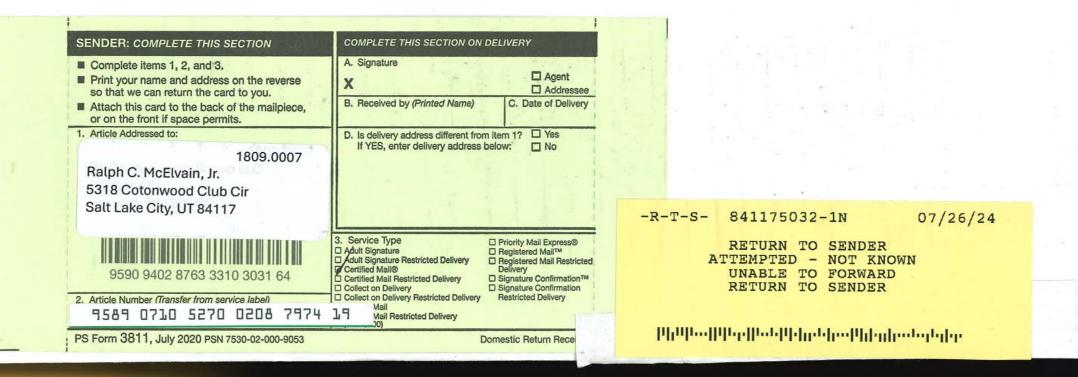
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1. Article Addressed to: 1809.0007 Marathon Oil Permian, LLC	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No	
5555 San Felipe St. Houston, Texas 77056		-R-T-S- 770565009-1N *95 07/29/24 RETURN TO SENDER
9590 9402 8763 3310 3041 16	3. Service Type □ Priority Mail Express® □ Adult Signature □ Registered Mail™ □ Adult Signature Restricted Delivery □ Registered Mail™ □ Certified Mail® □ Delivery □ Certified Mail Restricted Delivery □ Signature Confirmation™ □ Collect on Delivery □ Signature Confirmation	UNABLE TO FORWARD UNABLE TO FORWARD RETURN TO SENDER
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PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt	

+ 1.9	U.S. Postal Service [™] CERTIFIED MAIL [®] RECEIPT Domestic Mail Only	
4262	For delivery information, visit our website at www.usps.com [®] .	
89 0710 5270 0208	Certified Mail Fee	
954	City, State, ZIP+4®	





1809.0007 Ralph C. McElvain, Jr. 5318 Cotonwood Club Cir Salt Lake City, UT 84117



1 9,8	U.S. Postal Service [™] CERTIFIED MAIL [®] RECEIPT Domestic Mail Only	
797 8050	For delivery information, visit our website at www.usps.com [®] . OFFICIALUSE Certified Mail Fee \$ Extra Services & Fees (check box, edd fee as appropriate) Return Receipt (hardcopy) \$	9589
9 0710 5270	Return Receipt (electronic) Certifier Adult S Adult S The Estate of Alice Marie Smith, Deceased Postage Steven W. Smith, Personal Representative of The Sent To	
	Street and Apt. No., or PO Box No. City, State, ZIP+4 ⁶	

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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1809.0007 The Estate of Alice Marie Smith, Deceased Steven W. Smith, Personal Representative of The Estate of Alice Marie Smith, Deceased 3012 Diamond A Drive Roswell, New Mexico 88201

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY				and the second se
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X B. Received by (Printed Name)	Agent Addressee C. Date of Delivery	INC		
1. Article Addressed to: 1809.0007 The Estate of Alice Marie Smith, Deceased Steven W. Smith, Personal Representative of The Estate of Alice Marie Smith, Deceased 3012 Diamond A Drive Roswell, New Mexico 88201	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No				
9590 9402 8763 3310 3035 46 2. Article Number (Transfer from service label) 9589 0710 5270 0208 7971	Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery Collect on Delivery	Priority Mail Express® Registered Mail™ Registered Mail Restricted Delivery Signature Confirmation™ Signature Confirmation Restricted Delivery	NIXIE 731 52 1 0107/26/24 RETURN TO SENDER UNCLAIMED UNABLE TO FORWARD BC: 80202469250 2266N208193-01519 		
PS Form 3811, July 2020 PSN 7530-02-000-9053	Dom	estic Return Receipt			

ase No. 24633 - Avant Exhibit Packet AMENDEI

Exhibit D-4 Publication Notice Case No. 24633

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 July 14, 2024 and ending with the issue dated July 14, 2024.

Publisher

Sworn and subscribed to before me this 14th day of July 2024.

eller the

Business Manager

My commission expires January 29, 2027

(Seal) STATE OF NEW MEXICO NOTARY PUBLIC GUSSIE RUTH BLACK OOMMISSION # 1087526 COMMISSION EXPIRES 01/29/2027

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 publication has been made.

LEGAL NOTICE July 14, 2024

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

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case.

The hearing will be conducted on **Thursday, July 25, 2024, beginning at 8:15 A.M.** in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To view the hearing docket and to determine how to participate in the electronic hearing, visit the Division's website at: http://www.emnrd.state.nm.us/OCD/hearing-info/ or contact Sheila Apodaca at Sheila.Apodaca@emnrd.nm.gov. Documents filed in the case may also be viewed at https://ocdimage.emnrd.state.nm.us/imaging/CaseFileCriteria.aspx. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in the hearing, contact Sheila Apodaca or the New Mexico Relay Network at 1-800-659-1779, no later than July 15, 2024.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.) TO: All Interested parties, including: Magnum Hunter Production, Inc.; Earthstone Permian, LLC; Marathon Oil Permian, LLC; Burk Royalty Company; W.T.G. Exploration, Inc.; George Soros; Susan Weber; Marbella Development, LP; A. H. Gonzales Oil Co; Viersen Oil & Gas Co.; James D. Moring and wife, Dorothy D. Moring; Manta Oil & Gas Company; The Estate of Alice Marie Smith, Deceased; Schlagal Brothers; Timothy R. MacDonald; The Estate of R. C. Schlagal, Deceased; The Estate of Alice R., Schlagal, Deceased; Maverick Oil & Gas Corporation; Kaiser- Francis Oil Company; HOG Partnership LP; Trainer Partners, LTD; Mexco Energy Corporation; Don O. Chapell, Inc.; Mewbourne Oil Company; DelMar Holdings, LP; Mewbourne and Daughters, Ltd.; Mewbourne Development Partners, 94-A, L.P.; Mewbourne Development Partners, 93-B, L.P.; Mewbourne Development Corporation, Mewbourne Development Corporation #1; Mewbourne Development Corporation #2; Mewbourne Development Corporation #3; McEivain Oil Company; Meriyn Holland Wright Dahlin; Amy Vernae Dahlin Trust; EAB Oil Company; Michael J. Have; David L. Henderson; David L. Henderson and Dawn Henderson; Houston and Emma Hill Trust Estate; HHE II, LLC and Horcado Dream, LLC; John P. Oil Company; Ozark Exploration, Inc.; YPS Oil Company; Sterra Madre Energy, LLC; Charles W. Seely, Jr.; Seely Petroleum Partners, LP; SV&H Associates; J. Cleo Thompson and James Cleo Thompson Jr. P.; Adelaide Y. Thomsen, Trustee; Wes-Tex Drilling Co. LP; 2017 Permian Basin JY; Bovina Limited Liability Company; Nearburg Producing Company; A H. Gonzales Oil Co.; David A. Hart (Andrea M. Hart, spouse); Coyote Oil and Gas, LLC; Top Brass Oil Properties, Inc.; S. E. S. Investments, Ltd.; The Estate of R. C. Schlagal, Deceased; Trudy Gayle Schlagal Rea, Personal Representative of The Estate of R. C. Schlagal, Deceased; Thug Gayle Schlagal Rea, Personal Representative of The Estate of R. C. Schla Inc; Bank of America, N.A., Sole Trustee of the Selma E. Andrews Trust, for the benefit of Peggy Barrett, Pork of America N.A., Sole Trustee of the Selma E. Andrews Trust, for the benefit of Peggy Barrett, Formation in the SW/4SE/4 (Unit O) of Section 32; and Daytona 29 Fed Com #009H, which is an oil well that will be horizontally drilled from a surface location in the NE/4NE/4 (Unit A) of Section 29 to a bottom hole location in the Wolfcamp Formation in the SE/4SE/4 (Unit P) of Section 32. The wells are orthodox in location, and the take points and laterals comply with Statewide Rules for setbacks. 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 22 miles west from Hobbs, New Mexico. #00292216

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MARY FINNEY BEATTY & WOZNIAK, P.C. 1675 BROADWAY, SUITE 600 **DENVER, CO 80202**