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 SPACING UNIT, LEA COUNTY, NEW MEXICO

CASE NO. 24543

NOTICE OF SUPPLEMENTAL EXHIBITS

Avant Operating, LLC, ("Avant") provides notice that it is supplementing the evidentiary record in this case by replacing Exhibit C-5 to Avant's Exhibit Packet in the above-referenced cases. The replacement exhibit provides for an updated list of committed interest owners and an updated list of parties to be pooled.

Respectfully submitted,

BEATTY & WOZNIAK, P.C.

By: Mill An

Miguel A .Suazo James P. Parrot Sophia A. Graham Kaitlyn A. Luck Beatty & Wozniak, P.C. 500 Don Gaspar Ave., Santa Fe, NM 87505 (505) 946-2090 Fax: 800-886-6566 msuazo@bwenergylaw.com jparrot@bwenergylaw.com sgraham@bwenergylaw.com kluck@bwenergylaw.com

Attorneys for Avant Operating, LLC

BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING JUNE 27, 2024

Case Nos. 24543 & 24544

Royal Oak 25 Fed Com #006H Royal Oak 25 Fed Com #007H Royal Oak 25 Fed Com #008H Royal Oak 25 Fed Com #009H Royal Oak 25 Fed Com #301H Royal Oak 25 Fed Com #302H Royal Oak 25 Fed Com #303H Royal Oak 25 Fed Com #304H Royal Oak 25 Fed Com #501H Royal Oak 25 Fed Com #502H Royal Oak 25 Fed Com #503H Royal Oak 25 Fed Com #504H Royal Oak 25 Fed Com #601H Royal Oak 25 Fed Com #602H Royal Oak 25 Fed Com #603H Royal Oak 25 Fed Com #604H

Lea County, New Mexico



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

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

CASE NOS. 24543 & 24544

HEARING PACKAGE TABLE OF CONTENTS

Avant Exhibit A:	Compulsory Pooling Application Checklists
Avant Exhibit B:	Filed Applications & Proposed Notices of Hearing
Avant Exhibit C:	Prepared by Sophia Guerra, Senior Landman

- Avant Exhibit C-1: General Location Map(s)
- Avant Exhibit C-2: C-102(s)
- Avant Exhibit C-3: Depiction of Spacing Unit
- Avant Exhibit C-4: Interest Calculations for Bone Spring Spacing Unit
- Avant Exhibit C-5: Interest Calculations for Wolfcamp Spacing Unit
- Avant Exhibit C-6: Map of Non-Standard Spacing Unit
- Avant Exhibit C-7: Sample Proposal Letter
- Avant Exhibit C-8: AFEs
- Avant Exhibit C-9: Chronology of Contact

Avant Exhibit D: Prepared by John Harper, Senior Geologist

- Avant Exhibit D-1: Base Map
- Avant Exhibit D-2: Bone Spring Structure Map
- Avant Exhibit D-3: Wolfcamp Structure Map
- Avant Exhibit D-4: Cross Section Locator Maps
- Avant Exhibit D-5: Stratigraphic Cross-Sections

Avant Exhibit E: Notice Affidavit

- Notice Letter to Interested Parties and Offset Owners
- Certified Mail Receipts

Avant Exhibit F: Affidavit of Publication

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 24543	APPLICANT'S RESPONSE			
Date				
Applicant	Avant Operating, LLC			
Designated Operator & OGRID (affiliation if applicable)	330396			
Applicant's Counsel:	Miguel Suazo, Beatty &Wozniak, P.C.			
Case Title:	Application of Avant Operating, LLC FOR Compulsor			
	Pooling and Approval of Non-Standard Spacing Unit,			
	Lea County, New Mexico			
Entries of Appearance/Intervenors:	COG Operating LLC; EOG Resources, Inc.; Prima			
	Exploration, Inc.			
Well Family	Royal Oak Fed Com			
Formation/Pool				
Formation Name(s) or Vertical Extent:	Wolfcamp			
Primary Product (Oil or Gas):	Oil			
Pooling this vertical extent:	Entire Formation			
Pool Name and Pool Code (Only if NSP is requested):	N/A			
Well Location Setback Rules (Only if NSP is Requested):	N/A			
Spacing Unit				
Type (Horizontal/Vertical)	Horizontal			
Size (Acres)	1,280 acres, more or less			
Building Blocks:	Quarter-Quarter sections			
Orientation:	North-South			
Description: TRS/County	All of Sections 25 and 36, T-18-S, R-33-E, Lea County,			
	NM			
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and	No. Applicant seeks approval of non-standard unit.			
is approval of non-standard unit requested 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	Exhibit C			
Well(s)				
Name & API (if assigned), surface and bottom hole location,	Add wells as needed			
footages, completion target, orientation, completion status				
(standard or non-standard)				
Well #1	Royal Oak 25 Fed Com #006H Well (API No. 30-025-			
	52841)			
	SHL: 320' FNL & 1,280' FWL (Unit D) of Section 25,			
	Township 18 South, Range 33 East, N.M.P.M.			
	BHL: 100' FSL & 330' FWL (Unit M) of Section 36,			
	Township 18 South, Range 33 East, N.M.P.M.			
	Completion Target: Wolfcamp Formation			
	Well Orientation: Standup			
	Completion Location: Standard			
	Case Nos. 24543 & 24544 Avant Operating LLC - Expibit A			

Received by OCD: 7/9/2024 4:11:17 PM Well #2	Page 5 of Royal Oak 25 Fed Com #007H Well (API No. 30-025-
	53052)
	SHL: 160' FNL & 1,280' FWL (Unit D) of Section 25,
	Township 18 South, Range 33 East, N.M.P.M.
	BHL: 100' FSL & 1,650' FWL (Unit N) of Section 36,
	Township 18 South, Range 33 East, N.M.P.M.
	Township to South, Range 35 Last, N.M.F.M.
	Completion Target: Wolfcamp Formation
	Well Orientation: Standup
	Completion Location: Standard
Well #3	Royal Oak 25 Fed Com #008H Well (API No. Pending)
	SHL: 320' FNL & 1,480' FEL (Unit B) of Section 25,
	Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 2,310' FEL (Unit O) of Section 36,
	Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Wolfcamp Formation
	Well Orientation: Standup
	Completion Location: Standard
Well #4	Royal Oak 25 Fed Com #009H Well (API No. Pending)
	SHL: 160' FNL & 1,480' FEL (Unit B) of Section 25,
	Township 18 South, Range 33 East, N.M.P.M.
	BHL: 100' FSL & 1,950' FEL (Unit P) of Section 36,
	Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Wolfcamp Formation
	Well Orientation: Standup
	Completion Location: Standard
Horizontal Well First and Last Take Points	Exhibit C-2
Completion Target (Formation, TVD and MD)	Exhibits C-7, C-8, D-2, and D-3
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibits C-3, C-4, and C-5 Exhibits C-3, C-4, and C-5 _{Case Nos. 24543 & 24544}
Tract List (including lease numbers and owners)	

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If approval of Non-Standard Spacing Unit is requested, Tract List				
(including lease numbers and owners) of Tracts subject to notice				
requirements.	Exhibit C-6			
Pooled Parties (including ownership type)	Exhibits C-3, C-4, and C-5			
Unlocatable Parties to be Pooled	N/A			
Ownership Depth Severance (including percentage above &				
below)	N/A			
Joinder				
Sample Copy of Proposal Letter	Exhibit C-7			
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-4 and C-5			
Chronology of Contact with Non-Joined Working Interests	Exhibit C-9			
Overhead Rates In Proposal Letter	Exhibits C-7 and C-8			
Cost Estimate to Drill and Complete	Exhibit C-8			
Cost Estimate to Equip Well	Exhibit C-8			
Cost Estimate for Production Facilities	Exhibit C-8			
Geology				
Summary (including special considerations)	Exhibit D			
Spacing Unit Schematic	Exhibits C-2, C-3, D-2, D-3, D-4			
Gunbarrel/Lateral Trajectory Schematic	Exhibits C-3, D-2, D-3, D-4			
Well Orientation (with rationale)	Exhibit D			
Target Formation	Exhibit D			
HSU Cross Section	Exhibit D-3, D-4, D-5			
Depth Severance Discussion	N/A			
Forms, Figures and Tables				
C-102	Exhibit C-2			
Tracts	Exhibit C-3			
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-4 and C-5			
General Location Map (including basin)	Exhibits C-1 and D-1			
Well Bore Location Map	Exhibits C-2, C-3, and D-4			
Structure Contour Map - Subsea Depth	Exhibit D-2 and D-3			
Cross Section Location Map (including wells)	Exhibit D-4			
Cross Section (including Landing Zone)	Exhibit D-5			
Additional Information				
Special Provisions/Stipulations	N/A			
CERTIFICATION: I hereby certify that the information provide	ed in this checklist is complete and accurate.			
Printed Name (Attorney or Party Representative):	Miguel Suazo			
Signed Name (Attorney or Party Representative):	Mid A Gra			
Date:	6/20/2024			

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ALL INFORMATION IN THE APPLICATION MUST BE			
Case: 24544	APPLICANT'S RESPONSE		
Date Applicant	Avant Operating, LLC		
Designated Operator & OGRID (affiliation if applicable)	330396		
Applicant's Counsel:	Miguel Suazo, Beatty & Wozniak, P.C.		
Case Title:	Application of Avant Operating, LLC FOR Compulsory		
	Pooling and Approval of Non-Standard Spacing Unit,		
	Lea County, New Mexico		
Entries of Appearance/Intervenors:	COG Operating LLC; EOG Resources, Inc.; Prima		
	Exploration, Inc.		
Well Family	Royal Oak Fed Com		
Formation/Pool			
Formation Name(s) or Vertical Extent:	Bone Spring		
Primary Product (Oil or Gas):	Oil		
Pooling this vertical extent:	Entire Formation		
Pool Name and Pool Code (Only if NSP is requested):	N/A		
Well Location Setback Rules (Only if NSP is Requested):	N/A		
Spacing Unit			
Type (Horizontal/Vertical)	Horizontal		
Size (Acres)	1,280 acres, more or less		
Building Blocks:	Quarter-Quarter sections		
Orientation:	North-South		
Description: TRS/County	All of Sections 25 and 36, T-18-S, R-33-E, Lea County,		
	NM		
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and	No. Applicant seeks approval of non-standard unit.		
is approval of non-standard unit requested 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 Well(s)	Exhibit C		
footages, completion target, orientation, completion status (standard or non-standard) Well #1	Royal Oak 25 Fed Com #301H Well (API No. 30-025-		
	52841)		
	SHL: 320' FNL & 1,340 FWL (Unit C) of Section 25,		
	Township 18 South, Range 33 East, N.M.P.M.		
	BHL: 100' FSL & 990' FWL (Unit M) of Section 36,		
	Township 18 South, Range 33 East, N.M.P.M.		
	Completion Target: Bone Spring Formation		
	Well Orientation: Standup		
	Completion Location: Standard		
Well #2	Royal Oak 25 Fed Com #302H Well (API No. 30-025-		
	52843)		
	SHL: 160' FNL & 1,340' FWL (Unit C) of Section 25,		
	Township 18 South, Range 33 East, N.M.P.M.		
	BHL: 100' FSL & 2,310' FWL (Unit N) of Section 36, Township 18 South, Range 33 East, N.M.P.M.		
	Completion Target: Bone Spring Formation		
	Well Orientation: Standup		
	Completion Location: Standard		
Well #3	Royal Oak 25 Fed Com #303H Well (API No. Pending		
	SHL: 320' FNL & 1,420' FEL (Unit B) of Section 25,		
	Township 18 South, Range 33 East, N.M.P.M.		
	BHL: 100' FSL & 990' FEL (Unit O) of Section 36,		
	Township 18 South, Range 33 East, N.M.P.M.		
	יייייייייייייייייייייייייייייייייייייי		
	Completion Target: Bone Spring Formation		
	Completion Target: Bone Spring Formation Well Orientation: Standup		
	Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard		

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Well #5	Royal Oak 25 Fed Com #501H Well (API No. 30-025- 52844) SHL: 320' FNL & 1,300' FWL (Unit D) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 330' FWL (Unit M) of Section 36, Township 18 South, Range 33 East, N.M.P.M. Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard
Well #6	Royal Oak 25 Fed Com #502H Well (API No. 30-025- 52845) SHL: 160' FNL & 1,300' FWL (Unit D) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 1,650 FWL (Unit N) of Section 36, Township 18 South, Range 33 East, N.M.P.M. Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard
Well #7	Royal Oak 25 Fed Com #503H Well (API No. Pending) SHL: 320' FNL & 1,460' FEL (Unit B) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 2,310' FEL (Unit O) of Section 36, Township 18 South, Range 33 East, N.M.P.M. Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard
Well #8	Royal Oak 25 Fed Com #504H Well (API No. Pending) SHL: 160' FNL & 1,460' FEL (Unit B) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 990' FEL (Unit P) of Section 36, Township 18 South, Range 33 East, N.M.P.M. Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard
Well #9	Royal Oak 25 Fed Com #601H Well (API No. 30-025- 52846) SHL: 320' FNL & 1,320' FWL (Unit C) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 990' FWL (Unit M) of Section 36, Township 18 South, Range 33 East, N.M.P.M. Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard
Well #10	Royal Oak 25 Fed Com #602H Well (API No. 30-025- 52847) SHL: 160' FNL &1,320 FWL (Unit C) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 2,310' FWL (Unit N) of Section 36, Township 18 South, Range 33 East, N.M.P.M. Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard

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weii #11	Royal Oak 25 Fed Com #603H Well (API No. Pending) SHL: 320' FNL & 1,440' FEL (Unit B) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 1,650' FEL (Unit O) of Section 36, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: Standup
	Completion Location: Standard
Well #12	Royal Oak 25 Fed Com #604H Well (API No. Pending) SHL: 160' FNL & 1,440' FEL (Unit B) of Section 25, Township 18 South, Range 33 East, N.M.P.M. BHL: 100' FSL & 330' FEL (Unit P) of Section 36, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: Standup Completion Location: Standard
	5 1/2 10 2
Horizontal Well First and Last Take Points Completion Target (Formation, TVD and MD)	Exhibit C-2 Exhibits C-7, C-8, D-2, and D-3
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$ Justification for Supervision Costs	\$800 Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit Tract List (including lease numbers and owners)	Exhibits C-3, C-4, and C-5 Exhibits C-3, C-4, and C-5
If approval of Non-Standard Spacing Unit is requested, Tract List	
(including lease numbers and owners) of Tracts subject to notice	
requirements.	Exhibit C-6
Pooled Parties (including ownership type)	Exhibits C-3, C-4, and C-5
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-7
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-4 and C-5
Chronology of Contact with Non-Joined Working Interests	Exhibit C-9
Overhead Rates In Proposal Letter	Exhibits C-7 and C-8
Cost Estimate to Drill and Complete	Exhibit C-8
Cost Estimate to Equip Well Cost Estimate for Production Facilities	Exhibit C-8 Exhibit C-8
Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibits C-2, C-3, D-2, D-3, D-4
Gunbarrel/Lateral Trajectory Schematic	Exhibits C-3, D-2, D-3, D-4
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D
HSU Cross Section Depth Severance Discussion	Exhibit D-3, D-4, D-5 N/A
Forms, Figures and Tables C-102	Exhibit C-2
Tracts	Exhibit C-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-4 and C-5
General Location Map (including basin)	Exhibits C-1 and D-1
Well Bore Location Map	Exhibits C-2, C-3, and D-4
Structure Contour Map - Subsea Depth	Exhibit D-2 and D-3
Cross Section Location Map (including wells)	Exhibit D-4
Cross Section (including Landing Zone) Additional Information	Exhibit D-5
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provide	•
Printed Name (Attorney or Party Representative):	Miguel Suazo
Signed Name (Attorney or Party Representative):	
Date:	6/20/2024
batt.	0/20/2024

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 non-standard 1,280-acre, more or less, horizontal spacing unit ("HSU") composed of all of Sections 25 and 36, Township 18 South, Range 33 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. **Royal Oak 25 Fed Com #006H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SW/4SW/4 (Unit M) of Section 36;

B. **Royal Oak 25 Fed Com #007H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit N) of Section 36;

C. **Royal Oak 25 Fed Com #008H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit O) of Section 36; and

D. **Royal Oak 25 Fed Com #009H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SE/4 (Unit P) of Section 36.

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.

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WHEREFORE, Avant requests this Application be set for hearing on June 13th, 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 Royal Oak 25 Fed Com #006H, Royal Oak 25 Fed Com #007H,
 Royal Oak 25 Fed Com #008H, and Royal Oak 25 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.

Bv:

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

Attorneys for Avant Operating, LLC

Application of Avant Natural Resources, LLC for Compulsory Pooling and Approval of a Non-Standard Horizontal Spacing Unit, 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 25 and 36, Township 18 South, Range 33 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 Royal Oak 25 Fed Com #006H, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SW/4SW/4 (Unit M) of Section 36; the Royal Oak 25 Fed Com #007H, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit N) of Section 36; the Royal Oak 25 Fed Com #008H, which is an oil well that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit O) of Section 36; and the Royal Oak 25 Fed Com #009H, which is an oil well that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SE/4 (Unit P) of Section 36. 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 28 miles west from Hobbs, New Mexico.

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 25 and 36, Township 18 South, Range 33 East, N.M.P.M. (the "Application Lands"), and (2) pooling all uncommitted mineral interests in the Bone Spring 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. **Royal Oak 25 Fed Com #501H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Bone Spring Formation in the SW/4SW/4 (Unit M) of Section 36;

1

B. **Royal Oak 25 Fed Com #502H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SW/4 (Unit N) of Section 36;

C. Royal Oak 25 Fed Com #301H and Royal Oak 25 Fed Com #601H, which are oil wells that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 25 to a bottom hole location in the Bone Spring Formation in the SW/4SW/4 (Unit M) of Section 36;

D. Royal Oak 25 Fed Com #302 and Royal Oak 25 Fed Com #602H, which are oil wells that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SW/4 (Unit N) of Section 36;

E. Royal Oak 25 Fed Com #303H, Royal Oak 25 Fed Com #503H, and Royal Oak 25 Fed Com #603H, which are oil wells that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SW/4 (Unit O) of Section 36; and

F. Royal Oak 25 Fed Com #304H, Royal Oak 25 Fed Com #504H, and

Royal Oak 25 Fed Com #604H, which are oil wells that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SE/4 (Unit P) of Section 36.

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.

2

5. Avant has sought in good faith but has been unable to obtain voluntary agreement from all interest owners in the Bone Spring 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 Bone Spring 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 June 13th, 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 Bone Spring Formation underlying the HSU within the Application Lands;
- C. Approving the Royal Oak 25 Fed Com #301H, Royal Oak 25 Fed Com #302H, Royal Oak 25 Fed Com #303H, Royal Oak 25 Fed Com #304H, Royal Oak 25 Fed Com #501H, Royal Oak 25 Fed Com #502H, Royal Oak 25 Fed Com #503H, Royal Oak 25 Fed Com #504H, Royal Oak 25 Fed Com #601H, Royal Oak 25 Fed Com #602H, Royal Oak 25 Fed Com #603H, and Royal Oak 25 Fed Com #604H 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 500 Don Gaspar Ave., Santa Fe, NM 87505 (505) 946-2090 <u>msuazo@bwenergylaw.com</u> jparrot@bwenergylaw.com sgraham@bwenergylaw.com

Attorneys for Avant Operating, LLC

Application of Avant Natural Resources, LLC for Compulsory and Approving a Non-Standard Horizontal Spacing Unit and Pooling, 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 25 and 36, Township 18 South, Range 33 East, N.M.P.M.; and (2) pooling all uncommitted mineral interests in the Bone Spring Formation, designated as an oil pool, underlying said unit. The proposed wells to be dedicated to the horizontal spacing unit are Royal Oak 25 Fed Com #501H, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Bone Spring Formation in the SW/4SW/4 (Unit M) of Section 36; Royal Oak 25 Fed Com #502H, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SW/4 (Unit N) of Section 36; Royal Oak 25 Fed Com #301H and Royal Oak 25 Fed Com #601H, which are oil wells that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 25 to a bottom hole location in the Bone Spring Formation in the SW/4SW/4 (Unit M) of Section 36; Royal Oak 25 Fed Com #302 and Royal Oak 25 Fed Com #602H, which are oil wells that will be horizontally drilled from a surface location in the NE/4NW/4 (Unit C) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SW/4 (Unit N) of Section 36; Royal Oak 25 Fed Com #303H, Royal Oak 25 Fed Com #503H, and Royal Oak 25 Fed Com #603H, which are oil wells that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SW/4 (Unit O) of Section 36; and Royal Oak 25 Fed Com #304H, Royal Oak 25 Fed Com #504H, and Royal Oak 25 Fed Com #604H, which are oil wells that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Bone Spring Formation in the SE/4SE/4 (Unit P) of Section 36. 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 28 miles west from Hobbs, New Mexico.

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

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

CASE NOS. 24543 & 24544

AFFIDAVIT OF SOPHIA GUERRA

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

1. My name is Sophia Guerra, and I am employed by Avant Operating, LLC ("Avant") as a Senior Landman.

2. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my qualifications as an expert in petroleum land matters were accepted and made a matter of record. I have several years of experience in petroleum land matters, and I have worked directly or in a supervisory role with the properties that are the subject of these matters.

3. I am familiar with the applications filed by Avant in the above-referenced cases and the status of the lands in the subject lands.

4. I am submitting this affidavit in support of Avant's applications in the abovereferenced cases pursuant to 19.15.4.12.(A)(1) NMAC. None of the parties proposed to be pooled in these cases indicated opposition to this matter proceeding by affidavit, and I do not expect opposition at the hearing.

5. Under Case No. 24543, Avant seeks an order (1) approving a non-standard 1,280acre, more or less, horizontal spacing unit ("HSU") composed of all of Sections 25 and 36, Township 18 South, Range 33 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.

6. Under Case No. 24544, Avant seeks an order (1) approving a non-standard 1,280acre, more or less, horizontal spacing unit ("HSU") underlying the Application Lands, and (2) pooling all uncommitted mineral interests in the Bone Spring Formation, designated as an oil pool, underlying said HSU.

7. **Avant Exhibit C-1** is a general location map showing the proposed Bone Spring and Wolfcamp formation spacing units. The acreage subject to the applications are federal and state lands.

8. **Avant Exhibit C-2** contains the Form C-102s reflecting that the proposed Bone Spring and Wolfcamp wells to be drilled and completed in the subject unit. The location of each well is orthodox and meets the Division's offset requirements.

9. A review of the Bone Spring and Wolfcamp formations underlying the subject lands indicated that there are no overlapping spacing units in these formations.

10. **Avant Exhibit C-3** outlines the proposed Bone Spring and Wolfcamp units and tracts therein.

11. **Avant Exhibit C-4** sets forth the ownership of the parties being pooled in the Bone Spring Formation and the nature of their interests and **Avant Exhibit C-5** sets forth the ownership of the parties being pooled in the Wolfcamp Formation. These exhibits identify the tract number and spacing unit percentage interest for each mineral owner.

12. **Avant Exhibit C-6** is a map depicting the non-standard spacing unit in relation to the outline of a standard spacing unit. The map also identified the interest owners in the tracts surrounding the proposed units, who were also provided notice of the applications.

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13. Avant's request for approval of non-standard spacing units will allow it to consolidate surface facilities and will consequently prevent surface, environmental, and economic waste. As a result, approval of a non-standard spacing unit is necessary to prevent waste and protect correlative rights.

14. **Avant Exhibit C-7** contains a sample well proposal letter sent in March and April of 2024 to each mineral interest owner.

15. **Avant Exhibit C-8** contains the AFE for each proposed well. The estimated costs of the wells set forth in the AFEs is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.

16. Avant requests overhead and administrative rates of \$8,000/month for drilling each well and \$800/month for producing each well. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of New Mexico. Avant respectfully requests that these administrative and overhead costs be incorporated into any orders entered by the Division in these cases.

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

18. **Avant Exhibit C-9** sets forth a chronology of the contacts with owners. Avant has made a good faith effort to obtain voluntary joinder of the interest owners in the proposed wells.

In compiling these addresses, I conducted a diligent search of the public records in Lea County, New Mexico, where the wells are located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. All interest owners were locatable and noticed, and there are no unleased mineral interest owners. Avant caused notice to be published in the Hobbs News-Sun, a newspaper of general circulation in Lea County, New

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Mexico. I provided the law firm of Beatty & Wozniak, P.C. with the names and addresses for these mineral owners and instructed that each owner be provided notice of the hearing in these matters.

19. Avant requests that it be designated operator of the unit and wells.

20. **Exhibit C-1** through **Exhibit C-9** were either prepared by me or compiled from Avant's company business records under my direction and supervision.

21. The granting of these applications for compulsory pooling and approval of nonstandard spacing units is in the best interest of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

22. I hereby swear that to the best of my knowledge and belief, all of the matters set forth herein and in the exhibits are true, correct, and accurate.

[Remainder of page left intentionally blank]

FURTHER AFFIANT SAYETH NOT.

Dated this 13th day of June, 2024.

Sophia Guerra Avant Operating, LLC

STATE OF COLORADO

)) ss.

CITY OF DENVER

The foregoing instrument was subscribed and sworn to before me this 3^{2} day of , 2024, by Sophia Guerra, Senior Landman for Avant Operating, LLC.

Witness my hand and official seal.

My commission expires: 6/24/2015

KATELYN DICK Notary Public State of Colorado Notary ID # 20214034126 My Commission Expires 08-26-2025

Ketely nie

General Location Map Royal Oak 25 Fed Com #301H-#304H / #501H-#504H / #601H-#604H / #006H-#009H Avant Operating, LLC Case Nos. 24543 & 24544 Exhibit C-1



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East,

N.M.P.M., Lea County, New Mexico





AVANT OPERATING, LLC 1

DISTRICT 1 1625 N. French Dr., Hobbs, N.M. 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 State of New Mexico Form C-102 Energy, Minerals & Natural Resources Department Revised August 1, 2011 DISTRICT II 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 Submit one copy to appropriate OIL CONSERVATION DIVISION **District** Office DISTRICT III 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 Santa Fe, N.M. 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 67505 Phone: (505) 476-3460 Fax: (505) 476-3462 □ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number Pool Code Pool Name Well Number ⁴Property Code ⁶Property Name ROYAL OAK 25 FED COM 006H OGRID No. ⁸Operator Name [•] Elevation AVANT OPERATING, LLC 3869 ¹⁰ Surface Location North/South line UL or lot no. Section Township Lot Idn Feet from the East/West line Range Feet from the County D 25 18 S 33 E NORTH 1280 WEST 320 LEA ¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
м	36	18 S	33 E	Sec.	100	SOUTH	330	WEST	LEA
Dedicated Acre	5				18 Joint or Infill	¹⁴ Consolidation Code	15 Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Page 27 of 220 DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 State of New Mexico Form C-102 Energy, Minerals & Natural Resources Department Revised August 1, 2011 DISTRICT II 811 S. First St., Artesin, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 Submit one copy to appropriate **OIL CONSERVATION DIVISION** DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 **District** Office 1220 South St. Francis Dr. Santa Fe, N.M. 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 67505 Phone: (505) 476-3460 Fax: (505) 476-3462 □ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number Pool Code ⁸ Pool Name Well Number * Property Code ⁸Property Name ROYAL OAK 25 FED COM 007H OGRID No. ⁸Operator Name ^{*} Elevation AVANT OPERATING, LLC 3866 ¹⁰ Surface Location UL or lot no. Section Lot Idn Feet from the North/South line Township Range Feet from the East/West line County D 25 18 S 33 E 160 NORTH 1280 WEST LEA ¹¹ Bottom Hole Location If Different From Surface Feet from the North/South line UL or lot no. Section Lot Idn Feet from the East/West line Township Range County N 18 S 33 E 100 SOUTH WEST 36 1650 LEA ¹⁸ Dedicated Acres ¹⁸ Joint or Infill ¹⁴ Consolidation Code 16 Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 17 OPERATOR CERTIFICATION SCALE: 1"=3000" Legend: = SURFACE LOCATION (SHL) . I hereby certify that the information contained herein is 0 = BOTTOM HOLE LOCATION/ LTP SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 true and complete to the best of my knowledge and belief. $\Delta = FIRST TAKE POINT (FTP)$ and that this organization either owns a working interest Y= 628399.85 N or unleased mineral interest in the land including the θ = FOUND 1913 USGLO BRASS CAP X= 760409.10 E proposed bottom hole location or has a right to drill this = FOUND 1912 USGLO BRASS CAP LAT: 32.7254866' well at this location pursuant to a contract with an LONG: 103.6209650" W • = FOUND 1/2" REBAR owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order 89'24'13" 2634.89 SHL heretofore entered by the division. 160' FNL, 1280' FWL FIRST TAKE POINT NAD 83 NME, NMSPC ZONE 3001 100' FNL, 1650' FWL SEC. 25, T185, R33E Y= 628463.62 N X= 760778.70 E FTP 100' FNL, 1650' FWL 80'1 '40' Date LAT: 32.7256551" Signature N LONG: 103.6197618' W SECTION 25 Printed Name LAST TAKE POINT/ 00'26'12" 5282.89' BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 E-mail Address Y= 618104.88 N ¹⁸ SURVEYOR CERTIFICATION X= 760851.33 E LAT: 32.6971829' N 89'16'49" E LONG: 103.6197523" W I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by mu °¢ D or under my supervision, and that the same is true and correct to the best of my belief. CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 10,359.00 NAD 83 NME, NMSPC ZONE 3001 - Y= 628546.44 N, X= 759128.02 E - Y= 628573.87 N, X= 761762.76 E - Y= 623263.71 N, X= 759168.27 E - Y= 623296.78 N, X= 759184.16 E - Y= 612629.40 N, X= 759184.16 E - Y= 617987.58 N, X= 759202.09 E - Y= 618042.94 N, X= 764480.74 E 10/28/22 2634.36 Date of Survey CD 1 SECTION 36 EF ш S 00'24'06" CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 - LAT.=32.7259132' N, LONG.=103.6251273' - LAT.=32.7259398' N, LONG.=103.6165596' - LAT.=32.7113929' N, LONG.=103.6165522' - LAT.=32.7114352' N, LONG.=103.6165522' S SUSVONAL SURVE 88 BC BHL/LTP 100' FSL, 2641.8 w 1650' FW

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LONG.=103.6079563*

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Certificate





DISTRICT I 1625 N. French Dr., Hobbs, N.M. 86240 Phone: (575) 393-6161 Fax: (575) 393-0720 State of New Mexico Form C-102 Energy, Minerals & Natural Resources Department Revised August 1, 2011 DISTRICT II 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 Submit one copy to appropriate OIL CONSERVATION DIVISION **District** Office DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 South St. Francis Dr. Santa Fe, N.M. 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 □ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number Pool Code Pool Name Well Number ⁴Property Code ⁵Property Name ROYAL OAK 25 FED COM 30IH "OGRID No. ⁸Operator Name ^e Elevation AVANT OPERATING, LLC 3869 ¹⁰ Surface Location North/South line UL or lot no. Section Township Range Lot Idn Feet from the Feet from the East/West line County С 25 18 S 33 E 320 NORTH 1340 WEST LEA ¹¹ Bottom Hole Location If Different From Surface UL or lot no. Feet from the North/South line Section Township Range Lot Idn Feet from the East/West line County м 36 18 S 33 E 100 SOUTH 990 WEST LEA Dedicated Acres 18 Joint or Infill ¹⁴ Consolidation Code 15 Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 17 OPERATOR CERTIFICATION SCALE: 1"=3000" Legend: = SURFACE LOCATION (SHL) . I hereby certify that the information contained herein is 0 = BOTTOM HOLE LOCATION/ LTP SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 628240.38 N true and complete to the best of my knowledge and belief. = FIRST TAKE POINT (FTP) Δ and that this organization either owns a working interest or unleased mineral interest in the land including the FOUND 1913 USGLO BRASS CAP X= 760470.31 E proposed bottom hole location or has a right to drill this = FOUND 1912 USGLO BRASS CAP LAT: 32.7250472' N well at this location pursuant to a contract with an LONG: 103.6207694" W owner of such a mineral or working interest, or to a FOUND 1/2" REBAR voluntary pooling agreement or a compulsory pooling o 58'23'27" 412.83' N W heretofore entered by the division. 2634.89 FIRST TAKE POINT в NAD 83 NME, NMSPC ZONE 3001 100' FNL, 990' FWL SEC. 25, T18S, R33E a SHL Y= 628456.75 N 320' FNL, 1340' FWL X= 760118.73 E LAT: 32.7256484' N LONG: 103.6219079' W Signature Date 100' FNL, 990' FWL Printed Name 00"26'12" 5282.89' SECTION 25 LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 E-mail Address R-33-R-34-Y= 618097.96 N S X= 760191.37 E LAT: 32.6971761' N ¹⁸ SURVEYOR CERTIFICATION N 89'16'49" E 2632.67 LONG: 103.6218977' W I hereby certify that the well location shown on this plat vas plotted from field notes of actual surveys made by me c D or under my supervision, and that the same is true and correct to the best of my belief. 359.05' CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 - Y= 628546.44 N, X= 759128.02 E - Y= 628573.87 N, X= 761762.76 E 10/28/22 ILAK W 2634.36 0 Date of Survey 1 SECTION 36 Signature 1.1 S 00.24'06' E 1707 CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 LAT.=32.7259132" N, LONG.=103.6251273"
 LAT.=32.7259398" N, LONG.=103.6251273"
 LAT.=32.7113929" N, LONG.=103.6165596"
 LAT.=32.7114352" N, LONG.=103.6165522"
 LAT.=32.7041523" N, LONG.=103.6251167"
 LAT.=32.60600" N, LONG.=103.6251167" AB S PRESSIONAL SURVE 2641.88 BHL/LTP W CD FSL, 990' FWL T-18-EFG -<u>-S</u> OG 7078 LAT.=32.6968909' N, LONG.=103.6251158' LAT.=32.6969450' N, LONG.=103.6079563' 89'23'57" Certificate

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DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 State of New Mexico Form C-102 Energy, Minerals & Natural Resources Department Revised August 1, 2011 DISTRICT II 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 OIL CONSERVATION DIVISION DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 South St. Francis Dr. Santa Fe, N.M. 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 □ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number Pool Code Pool Name * Property Code Well Number ⁵Property Name ROYAL OAK 25 FED COM 302H "OGRID No. ⁸Operator Name ^e Elevation AVANT OPERATING, LLC 3869 ¹⁰ Surface Location UL or lot no. North/South line Section Township Range Lot Idn Feet from the Feet from the East/West line County С 25 18 S 33 E NORTH 160 1340 WEST LEA ¹¹ Bottom Hole Location If Different From Surface UL or lot no. Feet from the Lot Idn North/South line Feet from the Section Township Range East/West line County Ν 36 18 S 33 E 100 SOUTH 2310 WEST LEA * Dedicated Acres ¹⁵ Joint or Infill ¹⁴ Consolidation Code 18 Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 SCALE: 1"=3000" 17 OPERATOR CERTIFICATION Legend: SURFACE LOCATION (SHL) I hereby certify that the information contained herein is 0 = BOTTOM HOLE LOCATION/ LTP true and complete to the best of my knowledge and belief. SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 $\Delta = FIRST TAKE POINT (FTP)$ and that this organization either owns a working interest Y= 628400.43 N or unleased mineral interest in the land including the = FOUND 1913 USGLO BRASS CAP X= 760469.11 E proposed bottom hole location or has a right to drill this 0 = FOUND 1912 USGLO BRASS CAP LAT: 32.7254871" well at this location pursuant to a contract with an LONG: 103.6207698' W owner of such a mineral or working interest, or to a FOUND 1/2" REBAR voluntary pooling agreement or a compulsory pooling orde SHLheretofore entered by the division. 89'24'13" E 2634.89' 160' FNL FIRST TAKE POINT NAD 83 NME, NMSPC ZONE 3001 100' FNL, 2310' FWL SEC. 25, T185, R33E Y= 628470.49 N X= 761438.66 E NT 30 056651T N 1340' FWL в 100' FNL, 2310' 85'52'02 Ε FWL Ν LAT: 32.7256617" N LONG: 103.6176158" W Date Signature SECTION 25 Printed Name 00'26'12" 5282.89' LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 R-33-E R-34-E E-mail Address Y= 618111.80 N **18 SURVEYOR CERTIFICATION** X= 761511.30 E LAT: 32.6971897' N

LONG: 103.6176069"

CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001

- Y= 628546.44 N, X= 759128.02 E - Y= 628573.87 N, X= 761762.76 E - Y= 623263.71 N, X= 759168.27 E - Y= 623296.78 N, X= 761800.73 E

- Y= 620629.40 N, X= 759184.16 E - Y= 617987.58 N, X= 759202.09 E - Y= 618042.94 N, X= 764480.74 E

CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001

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I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Submit one copy to appropriate **District** Office

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SECTION 36

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DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240 State of New Mexico Form C-102 Energy, Minerals & Natural Resources Department Phone: (575) 393-6161 Fax: (575) 393-0720 Revised August 1, 2011 DISTRICT II 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 Submit one copy to appropriate OIL CONSERVATION DIVISION DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 **District** Office 1220 South St. Francis Dr. Santa Fe, N.M. 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3460 Fax: (505) 476-3482 □ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number Pool Code Pool Name Well Number ⁴ Property Code ⁶Property Name ROYAL OAK 25 FED COM 502H 7 OGRID No ⁸Operator Name ^e Elevation AVANT OPERATING, LLC 3866 ¹⁰ Surface Location UL or lot no. Feet from the North/South line Township Section Range Lot Idn Feet from the East/West line County D 25 18 S 33 E 160 NORTH 1300 WEST LEA ¹¹ Bottom Hole Location If Different From Surface UL or lot no. North/South line Section Township Lot Idn Feet from the Feet from the Range East/West line County N 36 18 S 33 E 100 SOUTH WEST 1650 LEA Dedicated Acres ¹⁵ Joint or Infill ¹⁴ Consolidation Code 15 Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 17 OPERATOR CERTIFICATION SCALE: 1"=3000" Legend: SURFACE LOCATION (SHL) I hereby certify that the information contained herein is O = BOTTOM HOLE LOCATION/ LTP true and complete to the best of my knowledge and belief. SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 628400.03 N Δ = FIRST TAKE POINT (FTP) and that this organization either owns a working interest - FOUND 1913 USGLO BRASS CAP or unleased mineral interest in the land including the X= 760429.08 E proposed bottom hole location or has a right to drill this = FOUND 1912 USGLO BRASS CAP \bigcirc LAT: 32.7254868' N well at this location pursuant to a contract with an LONG: 103.6209000" W owner of such a mineral or working interest, or to a FOUND 1/2" REBAR voluntary pooling agreement or a compulsory pooling o 89'24'13" SHI Ν heretofore entered by the division. 160' FNL, 1300' FWL FIRST TAKE POINT NAD 83 NME, NMSPC ZONE 3001 100' FNL, 1650' FWL SEC. 25, T185, R33E E FTP Y= 628463.62 N 79'4 100 FNL, 1650' FWL X= 760778.70 E LAT: 32.7256551' N Signature Date LONG: 103.6197618" W SECTION 25 Printed Name 00'26'12" 5282.89' LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 618104.88 N E-mail Address S X= 760851.33 E ¹⁶ SURVEYOR CERTIFICATION LAT: 32.6971829" N LONG: 103.6197523" W 89'16'49" E 2632.67 N I hereby certify that the well location shown on this plat vas plotted from field notes of actual surveys made by m D C/ or under my supervision, and that the same is true and rect to the best of my belief. CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 359.00 NAD 83 NME, NMSPC ZONE 3001 A - Y= 628546.44 N, X= 759128.02 E B - Y= 628573.87 N, X= 761762.76 E C - Y= 623263.71 N, X= 759168.27 E D - Y= 623296.78 N, X= 759168.27 E E - Y= 620629.40 N, X= 759184.16 E F - Y= 617987.58 N, X= 759202.09 E G - Y= 618042.94 N, X= 764480.74 E ALL W. / 10/28/22 2634.36 0 Date of Survey 8 ŧ. SECTION 36 Signature an ш S 00.24'06" CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 - LAT.=32.7259132' N, LONG.=103.6251273' W - LAT.=32.7259398' N, LONG.=103.6165596' W - LAT.=32.7113929' N, LONG.=103.6251112' W AB S POFESSIONAL SUP 3.20

7078

Certificate Numb

S

BHL/LTP 100' FSL,

T-18-S

89'23'57" W

1650' FWL

 $\Theta_{\rm G}$

С

D

EF

G

- LAT.=32.7113929" - LAT.=32.7114352"

- LAT.=32.7114352' N, - LAT.=32.7041523' N, - LAT.=32.6968909' N, - LAT.=32.6969450' N,

LONG.=103.6165522

LONG.=103.6251167 LONG.=103.6251158

LONG.=103.6079563

W




DISTRICT J 1625 N. French Dr., Hobbs, N.M. 86240 Phone: (575) 393-6161 Fax: (575) 393-0720 State of New Mexico Form C-102 Energy, Minerals & Natural Resources Department Revised August 1, 2011 <u>DISTRICT II</u> 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 Submit one copy to appropriate OIL CONSERVATION DIVISION **District** Office DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-8178 Fax: (505) 334-8170 1220 South St. Francis Dr. Santa Fe, N.M. 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3480 Fax: (505) 476-3482 ☐ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT ¹ API Number Pool Code Pool Name Well Number *Property Code ⁶Property Name ROYAL OAK 25 FED COM 60IH "OGRID No. ⁸Operator Name ^e Elevation AVANT OPERATING, LLC 3870 10 Surface Location UL or lot no. Section Township Lot Idn Feet from the North/South line Range Feet from the East/West line County С 25 18 S 33 E 320 NORTH 1320 WEST LEA ¹¹ Bottom Hole Location If Different From Surface Feet from the UL or lot no. Section Township Range Lot Idn North/South line Feet from the East/West line County м 36 18 S 33 E 990 100 SOUTH WEST LEA Dedicated Acres 18 Joint or Infill ¹⁴ Consolidation Code 15 Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 17 OPERATOR CERTIFICATION SCALE: 1"=3000' Legend: = SURFACE LOCATION (SHL) I hereby certify that the information contained herein is 0 = BOTTOM HOLE LOCATION/ LTP true and complete to the best of my knowledge and belief, SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 628240.18 N = FIRST TAKE POINT (FTP) Δ and that this organization either owns a working interest or unleased mineral interest in the land including the FOUND 1913 USGLO BRASS CAP X= 760450.28 E proposed bottom hole location or has a right to drill this = FOUND 1912 USGLO BRASS CAP LAT: 32.7250470' N well at this location pursuant to a contract with an LONG: 103.6208346' W owner of such a mineral or working interest, or to a FOUND 1/2" REBAR voluntary pooling agreement or a compulsory pooling orde 56'50'48" W 396.02' Ν heretofore entered by the division. 89'24'13" E 2634.89' FIRST TAKE POINT NAD 83 NME, NMSPC ZONE 3001 100' FNL, 990' FWL SEC. 25, T18S, R33E B 0 SHL Y= 628456.75 N 320' FNL, 1320' FWL X= 760118.73 E Signature Date LAT: 32.7256484" N LONG: 103.6219079" W 100' FNL, 990' FWL Printed Name 5282.89[°] SECTION 25 LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 E-mail Address Y= 618097.96 N in X= 760191.37 E ¹⁸ SURVEYOR CERTIFICATION LAT: 32.6971761' N 89'16'49" E 2632.67' Ν LONG: 103.6218977' W hereby certify that the well location shown on this plat as plotted from field notes of actual surveys made by me D С or under my supervision, and that the same is true and correct to the best of my belief. 359.05' CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 10/28/22 2634.36 RSHALL M 0 Date of Surv 1 SECTION 36 1.1 S 00'24'06" F CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 S 88 BCD BHL/LTP w 2641 FSL, 990' FWL STONAL SURVEYO W T-18-S ĒF -7078 12-28-22 0_G LAT.=32.6968909" N, LONG.=103.6251158" LAT.=32.6969450" N, LONG.=103.6079563" Cartificate Numb S 89'23'57" W

Received by OCD: 7/9/2024 4:11:17 PM State of New Mexico DISTRICT I Form C-102 1625 N. French Dr., Hobbs, N.M. 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 Energy, Minerals & Natural Resources Department DISTRICT II 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 OIL CONSERVATION DIVISION DISTRICT III 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 Santa Fe, N.M. 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 WELL LOCATION AND ACREAGE DEDICATION PLAT "Pool Code ¹ API Number Pool Name Well Number ⁴Property Code ⁶Property Name ROYAL OAK 25 FED COM 602H "OGRID No. ⁸Operator Name ^e Elevation AVANT OPERATING, LLC 3869 ¹⁰ Surface Location Feet from the UL or lot no. Section Township Range Lot Idn North/South line Feet from the East/West line County С 33 E NORTH 25 18 S 160 1320 WEST LEA ¹¹ Bottom Hole Location If Different From Surface UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 33 E SOUTH WEST N 36 18 S 100 2310 LEA Dedicated Acres ⁵ Joint or Infill ¹⁴ Consolidation Code 15 Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 17 OPERATOR CERTIFICATION SCALE: 1"=3000" Legend: = SURFACE LOCATION (SHL) I hereby certify that the information contained herein is O = BOTTOM HOLE LOCATION/ LTP SURFACE LOCATION NAD 83 NME, NMSPC ZONE 3001 Y= 628400.10 N true and complete to the best of my knowledge and belief. Δ = FIRST TAKE POINT (FTP) and that this organisation either owns a working interest or unleased mineral interest in the land including the = FOUND 1913 USGLO BRASS CAP 0 X= 760449.10 E proposed bottom hole location or has a right to drill this 0 = FOUND 1912 USGLO BRASS CAP LAT: 32.7254866" N well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a LONG: 103.6208349' W \odot = FOUND 1/2" REBAR voluntary pooling agreement or a compulsory pooling order 160' FNL 1320' FWL heretofore entered by the division. 89'24'13" E 2634.89' FIRST TAKE POINT NAD 83 NME, NMSPC ZONE 3001 100' FNL, 2310' FWL SEC. 25, T185, R33E Y= 628470.49 N X= 761438.66 E LAT: 32.7256617' N LONC, 103 6176187 W в 0 Su 100' FNL, 2310' 85'55'52 FWI N Signature Date LONG: 103.6176158" W Printed Name SECTION 25 5282.89 LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME, NMSPC ZONE 3001 E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat as plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Revised August 1, 2011 Submit one copy to appropriate **District** Office

Y= 618111.80 N S X= 761511.30 E LAT: 32.6971897' N 89'16'49" E N LONG: 103.6176069" W С CORNER COORDINATES TABLE NAD 83 NME, NMSPC ZONE 3001 32 - Y= 628546.44 N, X= 759128.02 E 10,358 S 00'20'44 2634.36 C Ď SECTION 36 ш G E .90 CORNER COORDINATES TABLE 00'24 NAD 83 NME, NMSPC ZONE 3001 - LAT.=32.7259132' N, LONG.=103.6251273' W - LAT.=32.7259398' N, LONG.=103.6165596' W - LAT.=32.7113929' N, LONG.=103.6165592' W - LAT.=32.7114352' N, LONG.=103.6165522' W 2641.88 BHL/LTP LONG.=103.6165596* W LONG.=103.6251112* W LONG.=103.6165522* W в S FSL, 2310' FWL CD LAT.=32.7041523 N, LONG.=103.6251167 LAT.=32.6968909 N, LONG.=103.6251157 LAT.=32.6969450 N, LONG.=103.6079563 EF w -S ⊕_G Ŕ -19 89'23'57" 5278.94' S W Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit C-2 Released to Imaging: 7/10/2024 11:32:25 AM





Lease Tract Map Royal Oak 25 Fed Com #301H-#304H / #501H-#504H / #601H-#604H /#006H-#009H

Avant Operating, LLC Case Nos. 24543 & 24544 Exhibit C-3



Lease Tract Map: ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico



Tract	State/Fed/Fee	Lease	Acres
Tract 1	Fed	NMNM 051842	80.00
Tract 2	Fed	NMNM 019448	80.00
Tract 3	State	LG 2484	160.00
Tract 4	State	LG 2484	160.00
Tract 5	State	V0 697	80.00
Tract 6	State	V0 697	80.00
Tract 7	State	V0 697	160.00
Tract 8	Fed	NMNM 0245247	80.00
Tract 9	Fed	NMNM 0245247	80.00
Tract 10	Fed	NMNM 0245247	80.00
Tract 11	Fed	NMNM 0245247	80.00
Tract 12	Fed	NMNM 0245247	80.00
Tract 13	Fed	NMNM 116166	80.00

Total Fed and State Acreage: 1280.00



AVANT OPERATING, LLC 2

Tract Map - Locations Royal Oak 25 Fed Com #301H-#304H / #501H-#504H / #601H-#604H Avant Operating, LLC Case No. 24544 Exhibit C-3



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Tract Map with approximate well locations:

	Royal Oak 25 Fed Com #501H	Royal Oak 25 Fed Com #301H, #601H	Royal Oak 25 Fed Com #502H	Royal Oak 25 Fed Com #302H, #602H		Royal Oak 25 Fed Com #503H	Royal Oak 25 Fed Com #303H, #603H		Royal Oak 25 Fed Com #504H	Royal Oak 25 Fed Com #304H, #604H
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Tract	State/Fed/Fee	Lease	Acres
Tract 1	Fed	NMNM 051842	80.00
Tract 2	Fed	NMNM 019448	80.00
Tract 3	State	LG 2484	160.00
Tract 4	State	LG 2484	160.00
Tract 5	State	V0 697	80.00
Tract 6	State	V0 697	80.00
Tract 7	State	V0 697	160.00
Tract 8	Fed	NMNM 0245247	80.00
Tract 9	Fed	NMNM 0245247	80.00
Tract 10	Fed	NMNM 0245247	80.00
Tract 11	Fed	NMNM 0245247	80.00
Tract 12	Fed	NMNM 0245247	80.00
Tract 13	Fed	NMNM 116166	80.00

Total Fed and State Acreage: 1280.00

Tract Map - Locations Royal Oak 25 Fed Com #006H-#009H Avant Operating, LLC Case No. 24543 Exhibit C-3



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Tract Map with approx. well locations:



Tract	State/Fed/Fee	Lease	Acres
Tract 1	Fed	NMNM 051842	80.00
Tract 2	Fed	NMNM 019448	80.00
Tract 3	State	LG 2484	160.00
Tract 4	State	LG 2484	160.00
Tract 5	State	V0 697	80.00
Tract 6	State	V0 697	80.00
Tract 7	State	V0 697	160.00
Tract 8	Fed	NMNM 0245247	80.00
Tract 9	Fed	NMNM 0245247	80.00
Tract 10	Fed	NMNM 0245247	80.00
Tract 11	Fed	NMNM 0245247	80.00
Tract 12	Fed	NMNM 0245247	80.00
Tract 13	Fed	NMNM 116166	80.00
	1280.00		

Total Fed and State Acreage: 1280.00

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Summary of Interests Royal Oak 25 Fed Com #301H-#304H / #501H-#504H / #601H-#604H Avant Operating, LLC Case Nos. 24544 Exhibit C-4



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of Interests and Working Interest Owners to be Pooled:

WI OWNER	WI	Net Acres	Tract No	STATUS
Avant Operating, LLC	23.16%	296.50	2-13	Operator
Legion Production Partners, LLC	11.95%	153.01	2-13	JOA - Committed
Double Cabin Minerals, LLC	6.17%	79.01	2-13	JOA - Committed
T.H. McElvain Oil & Gas LLLP	4.13%	52.92	2-13	JOA - Committed
Caroline Hissom Wallace Trust	0.06%	0.82	2-3, 5-6, 8-10, 12	JOA - Committed
Alexandra Carson Hissom Trust	0.06%	0.82	2-3, 5-6, 8-10, 12	JOA - Committed
Julia Ann Hissom Trust	0.06%	0.82	2-3, 5-6, 8-10, 12	JOA - Committed
Robert Davis Hissom Trust	0.06%	0.82	2-3, 5-6, 8-10	JOA - Committed
Tamra Hissom Budd Trust	0.05%	0.58	2, 8-10	JOA - Committed
Morris Associates II	2.13%	27.21	1	Compulsory Pool
Carlton Beal Family Trust for Kelly Beal	0.33%	4.18	1	Compulsory Pool
Trust #1430-1-09	0.21%	2.70	1	Compulsory Pool
Trust #1430-3-09	0.18%	2.31	1	Compulsory Pool
Trust #1430-4-09	0.18%	2.31	1	Compulsory Pool
Carlton Beal Family Trust for Spencer Beal	0.16%	2.09	1	Compulsory Pool
Scott Evans Beal KBG 2020 GST Gift Trust	0.16%	2.09	11	Compulsory Pool
Lynard Chris Hinojosa, Jr. KBG 2020 GST Gift Trust	0.16%	2.09	1	Compulsory Pool
Bernard E. Alpern Trust	0.16%	2.06	1	Compulsory Pool
Trust #0417-02-03-04	0.12%	1.48	1	Compulsory Pool
Trobaugh Properties	0.96%	12.32	1-2, 12	Compulsory Pool
Trust #1430-2-09	0.09%	1.16	1	Compulsory Pool
Carlton Evans Beal, Jr. Family Trust fbo Carlton Beal, III	0.08%	1.07	11	Compulsory Pool
Carlton Evans Beal, Jr. Family Trust fbo Cristina Johnstone	0.08%	1.07	11	Compulsory Pool
Carlton Evans Beal, Jr. Family Trust fbo Helena Pedregon	0.08%	1.07	1	Compulsory Pool
Carlton Evans Beal, Jr. Family Trust fbo Lauren Sherry	0.08%	1.07	11	Compulsory Pool
Barry A. Beal Family Trust fbo Barry Beal, Jr	0.08%	1.07	11	Compulsory Pool
Barry A. Beal Family Trust fbo Stuart Beal	0.08%	1.07	11	Compulsory Pool
Barry A. Beal Family Trust fbo Elizabeth Beal Davenport	0.08%	1.07	1	Compulsory Pool
Barry A. Beal Family Trust fbo Stephen Beal	0.08%	1.07	1	Compulsory Pool
Glickman Oil and Gas Properties, LLC	0.08%	0.99	1	Compulsory Pool

Avant et al entities = 41.29% WI

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

Committed Parties= 45.73% WI







ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of Interests and Working Interest Owners to be Pooled (continued):

WI OWNER	WI	Net Acres	Tract No	STATUS
BTA Oil Producers	0.07%	0.95	1	Compulsory Pool
Trust #1430-5-09	0.06%	0.77	1	Compulsory Pool
Roger P. Palma	0.06%	0.75	1	Compulsory Pool
Spencer E. Beal, Jr. GST Trust	0.06%	0.74	1	Compulsory Pool
Kimberly E. Beal GST Trust	0.06%	0.74	1	Compulsory Pool
Rebecca G. Beal McClure GST Trust	0.06%	0.74	1	Compulsory Pool
Barry Beal	0.05%	0.68	1	Compulsory Pool
Barry Beal, Jr.	0.05%	0.68	1	Compulsory Pool
Forman Energy Corporation	0.05%	0.66	1	Compulsory Pool
Robert M. Davenport, Jr.	0.05%	0.65	1	Compulsory Pool
Stuart E. Beal	0.05%	0.65	1	Compulsory Pool
Kelly Beal	0.05%	0.64	1	Compulsory Pool
Spencer Beal	0.04%	0.54	11	Compulsory Pool
MTrustee u/w/o Geral N. Frank fbo Peter Frank	0.04%	0.52	1	Compulsory Pool
Trustee u/w/o Geral N. Frank fbo Lynn Bettman	0.04%	0.52	11	Compulsory Pool
Carlton Beal, Jr	0.05%	0.66	11	Compulsory Pool
Elizabeth W. Murov, LLC (JVI)	0.03%	0.33	11	Compulsory Pool
Blank Living Investment Trust dated 7/24/1989	0.03%	0.33	1	Compulsory Pool
Allan E. Bulley, Jr	0.03%	0.33	1	Compulsory Pool
Cerri Family Trust uta dated 12/6/1988	0.03%	0.33	11	Compulsory Pool
Phyllis Mack	0.03%	0.33	11	Compulsory Pool
Phyllis Mack, Trustee	0.03%	0.33	11	Compulsory Pool
The R Company	0.03%	0.33	11	Compulsory Pool
Sydell Shaw and Gerald Shaw	0.03%	0.33	1	Compulsory Pool
Trione Interest	0.03%	0.33	11	Compulsory Pool
Jane C. Gottschalk, SSP	0.03%	0.33	11	Compulsory Pool
Salvatore Giordano 1990 Irrevocable Family Trust	0.03%	0.33	11	Compulsory Pool
Davenport Conger Properties, LP	0.03%	0.33	11	Compulsory Pool
Currie Family Resources, LP	0.03%	0.33	11	Compulsory Pool
Scott Evans Beal	0.02%	0.19	1	Compulsory Pool
Lynard Chris Hinojosa, Jr. Living Trust	0.02%	0.19	11	Compulsory Pool
Abby R. Bloch aka Abby Spiegelman	0.01%	0.13	1	Compulsory Pool





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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of Interests and Working Interest Owners to be Pooled (continued):

WI OWNER	WI	Net Acres	Tract No	STATUS
Kathy Spiegelman	0.01%	0.13	1	Compulsory Pool
James Spiegelman	0.01%	0.13	1	Compulsory Pool
Harold E. Henderson Self Trusted Trust dated	0.01%	0.16	1	Computer on Deal
8/7/1987	0.01%	0.16	1	Compulsory Pool
Janet M. Henderson Self Trusted Trust dated 8/7/1987	0.01%	0.16	11	Compulsory Pool
Telco II, A California General Partnership	0.01%	0.16	11	Compulsory Pool
Gisler Family Trust	0.01%	0.16	11	Compulsory Pool
Gregory Ralph Stone 2004 Trust	0.01%	0.16	1	Compulsory Pool
Robert H. McCall aka R. H. McCall	0.01%	0.16	11	Compulsory Pool
Carroll Cartwright, III, SSP	0.01%	0.16	11	Compulsory Pool
Georgette Cartwright Nichols, SSP	0.01%	0.16	1	Compulsory Pool
Trustee uta dated 8/7/1990 of Lawrence Chaffin	0.01%	0.16	1	Compulsory Pool
McKittrick Living Trust dated 12/25/2017	0.01%	0.16	1	Compulsory Pool
Michele J. David Family Trust	0.01%	0.15	1	Compulsory Pool
M. Robert Gallop 1997 Revocable Trust u/a dated				
11/12/197	0.01%	0.14	1	Compulsory Pool
Patricia A. Shea Ryan	0.01%	0.11	11	Compulsory Pool
Patricia M. Booth	0.01%	0.11	1	Compulsory Pool
Jonathan Gould	0.01%	0.11	11	Compulsory Pool
Judson Gould	0.01%	0.11	11	Compulsory Pool
Trust u/w/o May Nora Shea fbo William A. Shea, Jr	0.01%	0.11	11	Compulsory Pool
Andrew Steven Halperin Family Trust dated 1/1/2007	0.01%	0.09	1	Compulsory Pool
Seth J. Atlas, SSP	0.01%	0.08	1	Compulsory Pool
Clifford R. Atlas, SSP	0.01%	0.08	1	Compulsory Pool
Robin Stone Smith	0.01%	0.08	11	Compulsory Pool
Matthew P. Portoni and Megan G. Portoni Revocable Family Trust dated 10/8/2018	0.01%	0.08	1	Compulsory Pool
Barbara G. Gilbert 1997 Revocable Trust	0.01%	0.07	1	Compulsory Pool
Andrew L. Klau	0.001%	0.02	1	Compulsory Pool
Edward D. Klau	0.001%	0.02	1	Compulsory Pool
Lisbeth L. Klau	0.001%	0.02	1	Compulsory Pool
Patricia Ann Wolff	0.003%	0.02	1	Compulsory Pool





AVANT OPERATING, LLC 7



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico Summary of Interests and Working Interest Owners to be Pooled (continued):

WI OWNER	WI	Net Acres	Tract No	STATUS
Spencer Beal Family Trust fbo Spencer Beal, Jr	0.002%	0.03	11	Compulsory Pool
Spencer Beal Family Trust fbo Kimberly Beal	0.002%	0.03	11	Compulsory Pool
Spencer Beal Family Trust fbo Rebecca Beal	0.002%	0.03	1	Compulsory Pool
Kelly Beal Family Trust fbo Robin Beal	0.002%	0.03	1	Compulsory Pool
Kelly Beal Family Trust fbo Leigh Beal	0.002%	0.03	1	Compulsory Pool
Kelly Beal Family Trust fbo Kelley Beal	0.002%	0.03	11	Compulsory Pool
Andrew Steven Halperin Family Trust dated 1/1/2007	0.002%	0.03	1	Compulsory Pool
Roberta H. Brayer Family Trust dated 1/1/2007	0.002%	0.03	11	Compulsory Pool
Alexander E. Fisher Trust u/w/o Dora Fisher	0.002%	0.03	11	Compulsory Pool
Ellen R. Harvey, Individually	0.002%	0.03	11	Compulsory Pool
Steven A. Ruskin, Individually	0.002%	0.03	11	Compulsory Pool
The Kathryn Patricia Beal GST Gift Trust	0.002%	0.02	11	Compulsory Pool
The Cynthia Keleen Beal GST Gift Trust	0.002%	0.02	11	Compulsory Pool
The Ashley Carruth Beal GST Gift Trust	0.002%	0.02	1	Compulsory Pool
The Michael Adams Beal GST Gift Trust	0.002%	0.02	11	Compulsory Pool
Ashley Beal LaFevers	0.002%	0.02	1	Compulsory Pool
Trainer Partners, Ltd.	4.85%	62.12	2-10, 12-13	Compulsory Pool
Community Minerals, LLC	3.56%	45.60	2-6, 8-10, 12-13	Compulsory Pool
Adams Family Living Trust	0.17%	2.16	2, 10, 12-13	Compulsory Pool
Prima Exploration, Inc	2.75%	35.26	2, 10, 12-13	Compulsory Pool
MitchOil, LLC	0.29%	3.70	2, 8-10, 12-13	Compulsory Pool
Val Joe Hill	0.10%	1.27	2, 10, 12	Compulsory Pool
Jerry Kent Phillips	0.15%	1.92	2, 10, 12	Compulsory Pool
Connie Jean Phillips Jackson	0.06%	0.72	2, 10, 12	Compulsory Pool
Kimbrough Working Interests, LLC	0.38%	4.92	2, 10	Compulsory Pool
Stumhoffer Family Partnership, LP	0.84%	10.80	2, 10, 12-13	Compulsory Pool
Terri Jan Smith	0.04%	0.56	13	Compulsory Pool
Jerry Wilbanks	0.17%	2.16	2, 10, 12-13	Compulsory Pool
COG Operating LLC	7.64%	97.83	3-7	Compulsory Pool
Red River Energy Partners	5.06%	64.71	3, 5, 6, 7	Compulsory Pool
Nearburg Exploration Company	1.40%	17.94	3-5	Compulsory Pool
Trust B u/w/o Julie S. Herkenhoff, deceased	0.24%	3.02	3, 5-6	Compulsory Pool







ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of Interests and Working Interest Owners to be Pooled (continued):

WI OWNER	WI	Net Acres	Tract No	STATUS
Duran Properties, LLC	0.28%	3.62	3, 5-6	Compulsory Pool
The Ralph E. McElvain, Jr. Trust dated 12/13/2007	0.05%	0.60	3, 5-6	Compulsory Pool
Peggy McElvain	0.05%	0.60	3, 5-6	Compulsory Pool
Heirs of Murrell J. Abbott & wife, Barbara Jane Abbott, both deceased	0.09%	1.21	3, 5-6	Compulsory Pool
Budd Living Trust	0.02%	0.24	3, 5-6	Compulsory Pool
Kaiser-Francis Oil Company	6.92%	88.56	3, 5, 6, 7	Compulsory Pool
Earthstone Permian LLC	4.03%	51.59	6, 7	Compulsory Pool
McElvain Oil Company, LP	1.60%	20.46	8-11, 13	Compulsory Pool
Maybole, LLC	0.93%	11.95	8-13	Compulsory Pool
Buckeye Energy Inc.	0.50%	6.40	8-9	Compulsory Pool
Nancy Gillis Sobeck	0.06%	0.80	9	Compulsory Pool
MATCO 850, Ltd.	1.41%	18.00	9-10, 13	Compulsory Pool
Estate of David M. Trainer	0.09%	1.12	10, 12	Compulsory Pool
Taylor Jordan Phillips Wayne	0.01%	0.17	12	Compulsory Pool
Cavalry Energy Partners, LLC	0.68%	8.72	10	Compulsory Pool
John R. Holloway (Life Estate)	0.03%	0.33	10, 12	Compulsory Pool
Moser Revocable Trust, Charles E. Moser and Vicky J. Moser	0.02%	0.26	10	Compulsory Pool
Peggy Runyan	0.02%	0.26	10	Compulsory Pool
Brian Peter McGary 2017 Revocable Trust	0.52%	6.67	11	Compulsory Pool
Mary Jane McGary Trust	0.52%	6.67	11	Compulsory Pool
KM Petro Investments, LLC	0.52%	6.67	11	Compulsory Pool
Jacqueline M. Withers Revocable Trust	0.78%	10.00	11	Compulsory Pool
All-Liberty Energy Co.	0.04%	0.50	13	Compulsory Pool
Estate of Patty Hill Holloway, deceased	0.04%	0.50	13	Compulsory Pool
Ann Kimbrough Irrevocable Trust Share of The Calvin and Ann Kimbrough Revocable Trust	0.12%	1.56	12-13	Compulsory Pool
Ellen Dietz Phillips	0.03%	0.35	10, 13	Compulsory Pool
Krew Family Investments, LLC	0.09%	1.21	3, 5-6	Compulsory Pool





Summary of Interests Royal Oak 25 Fed Com #301H-#304H / #501H-#504H / #601H-#604H Avant Operating, LLC Case Nos. 24544 Exhibit C-4



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of ORRI Owners to be Pooled:

ORRI Owner	Tract Number
Kathleen A. Tsibulsky	10-13
Michelle Blum	10-13
Christine A Kelly	10-13
The William and Michelle Marie Ashworth Living Trust	10-13
Gregory Ashworth	10-13
John P. Ashworth	10-13
Sharbro Energy, LLC	10-13
EOG Resources, Inc.	1, 10-13
First National Bank, Trstee of the Mary Anne Berliner Foundation	10-13
HTI Resources, Inc.	10-13
NationsBank of Texas, N.A., Trustee of Sabine Royalty Trust	10-13
Braille Institute of America, Inc.	10-13
Bank of America, N.A., Sole Trustee of the Selma E. Andrews Trust, for the benefit of Peggy Barrett	10-13
Bank of America, N.A., Sole Trustee of the Selma E. Andrews Perpetual Charitable Trust	10-13
T.H. McElvain Oil and Gas LLLP	10, 12-13
Avant Operating, LLC	10, 12-13
Brian Peter McGary 2017 Revocable Trust	10, 12-13
Mary Jane McGary Trust	10, 12-13
McGary Family Trust	10, 12-13
Whitney Hopkins as Successor Trustee of the Jacquelin M. Withers Revocable Trust	10, 12-13
McElvain Oil Company, LP	10, 12-13
Maybole, LLC	10, 12-13
Community Minerals, LLC	10, 12-13
Estate of David Trainer, deceased	10, 12
Jane Riddle Lancaster	12
Turner Stagner, LP	12
Kelly Dion Coll	12
Thomaston, LLC	2, 10-11, 13
Kay W. Beck	2
Bruce G. Bumgarner	2
Anne M. Wadill	2
Trustee of Diane Coston Trust	2
Douglas L Schaefer	2
Dorothy Lou Martin	2
Joyce Zynda	2
James D. Jones	2
Trainer Partners, Ltd.	2





AVANT OPERATING, LLC 10

Summary of Interests Royal Oak 25 Fed Com #301H-#304H / #501H-#504H / #601H-#604H Avant Operating, LLC Case Nos. 24544 Exhibit C-4



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of ORRI Owners to be Pooled (continued):

ORRI Owner	Tract Number
Sitio Permian, LLC	3, 5-7
Donnie Michael and wife, Karen W. Michael	3-7
Post Oak Mavros II, LLC	3, 5-7
Sortida Resources, LLC	3, 5-7
Oak Valley Minerals and Land, LP	3, 5-7
Platform Energy IV, LLC	3-7
Gary Wyvil Whitlow	3-7
Linda Kay Whitlow	3-7
Gayna Lea Whitlow Smith	3-7
Caroline Free Bagot	3, 5-6
Mary Margery Free	3, 5-6
Casey Trust	3, 5-6
Marion Leone Spears, Life Tenant	3-6
John and Theresa Hillman Family Properties, LP	3
latan Royalty, LLC	3
Roca Exploration Ltd	6, 7
Nearburg Producing Company Employee Fund	6
Terri Jan Smith	13
Walter Beck, III	2
Elizabeth L. Beck	2
Baber Well Servicing Company	3, 5-7
Bovina Limited Liability Company	3, 5-7
Bullet Limited Liability Company	3, 5-7
Mongoose Minerals, LLC	3, 5-7
Roca Exploration, Ltd.	3-7
Mexco Energy Corp.	3-7
MitchOil, LLC	3, 5-7
Wing Resources VI, LLC	5-7
Elk Range Royalties II, LP	5-7
Wing Resources VI, LLC	5-7
Elk Range Royalties II, LP	5-7
The Gary and Seree Whitlow Revocable Mineral Trust	6, 7
Colgate Royalties, LP	6, 7
The William Patrick Ashworth and Michelle Marie Ashworth Living Trust	8, 10-12
KM Petro Investments, LLC	8-10, 12, 13
Cavalry Energy Partners, LLC	10, 13





AVANT OPERATING, LLC 11

Summary of Interests Royal Oak 25 Fed Com #006H-#009H Avant Operating, LLC Case Nos. 24543 Exhibit C-5



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of Interests and Working Interest Owners to be Pooled:

WI	Net Acres	Tract No	STATUS
21.70%	277.82	3-13	Operator
11.44%	146.41	3-7	JOA-Committed
5.88%	75.22	3-7	JOA-Committed
3.84%	49.17	3-13	JOA-Committed
0.02%	0.24	3, 5-6	JOA-Committed
0.02%	0.24	3, 5-6	JOA-Committed
0.02%	0.24	3, 5-6	JOA-Committed
0.02%	0.24	3, 5-6	JOA-Committed
5.06%	64.71	3, 5-7	JOA-Committed
6.92%	88.56	3-6	JOA-Committed
7.64%	97.83	3-7	JOA - Committed
3.13%	40.00	8-13	Not being pooled - in deal discussions
6.25%	80.00	11	Compulsory Pool
4.52%	57.80	2-7	Compulsory Pool
4.49%	57.49	2-6	Compulsory Pool
1.40%	17.94	3-5	Compulsory Pool
0.24%	3.02	3, 5-6	Compulsory Pool
0.28%	3.62	3, 5-6	Compulsory Pool
0.05%	0.60	3, 5-6	Compulsory Pool
0.05%	0.60	3, 5-6	Compulsory Pool
0.09%	1.21	3, 5-6	Compulsory Pool
0.09%	1.21	3, 5-6	Compulsory Pool
4.03%	51.59	6, 7	Compulsory Pool
0.79%	10.11	8-13	Compulsory Pool
1.08%	13.89	8-13	Compulsory Pool
0.02%	0.24	3, 5-6	Compulsory Pool
3.13%	40.00	8-13	Compulsory Pool
3.13%	40.00	8-13	Compulsory Pool
4.69%	60.00	8-13	Compulsory Pool
	21.70% 11.44% 5.88% 3.84% 0.02% 0.02% 0.02% 0.02% 5.06% 6.92% 7.64% 3.13% 6.25% 4.52% 4.49% 1.40% 0.24% 0.28% 0.05% 0.05% 0.05% 0.05% 0.09% 4.03% 0.79% 1.08% 0.02% 3.13%	21.70% 277.82 11.44% 146.41 5.88% 75.22 3.84% 49.17 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 0.24 0.02% 88.56 7.64% 97.83 3.13% 40.00 6.25% 80.00 4.52% 57.80 4.49% 57.49 1.40% 17.94 0.24% 3.02 0.28% 3.62 0.05% 0.60 0.05% 0.60 0.09% 1.21 0.09% 1.21 0.09% 1.21 0.09% 1.21 0.02% 0	21.70% 277.82 3-13 11.44% 146.41 3-7 5.88% 75.22 3-7 3.84% 49.17 3-13 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-6 0.02% 0.24 3, 5-7 6.92% 88.56 3-6 7.64% 97.83 3-7 3.13% 40.00 8-13 6.25% 80.00 1 4.52% 57.80 2-7 4.49% 57.49 2-6 1.40% 17.94 3-5 0.24% 3.02 3, 5-6 0.05% 0.60 3, 5-6 0.09%

Avant et al entities = 39.02% WI

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

Committed Parties= 62.55% WI





Summary of Interests Royal Oak 25 Fed Com #006H-#009H Avant Operating, LLC Case Nos. 24543 Exhibit C-5



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of ORRI Owners to be Pooled:

ORRI Owner	Tract Number
Kathleen A. Tsibulsky	10-13
Michelle Blum	10-13
Christine A Kelly	10-13
The William Patrick Ashworth and Michelle Marie Ashworth Living Trust	10-13
Gregory Ashworth	10-13
John P. Ashworth	10-13
Sharbro Energy, LLC	10-13
EOG Resources, Inc.	10-13
The First National Bank, Trustee of the Mary Anne Berliner Foundation Established under Trust Agreement, dated February 1, 2000	10-13
HTI Resources, Inc.	10-13
NationsBank of Texas, N.A., Trustee of Sabine Royalty Trust	10-13
Braille Institute of America, Inc.	10-13
Bank of America, N.A., Sole Trustee of the Selma E. Andrews Trust, for the benefit of Peggy Barrett Bank of America, N.A., Sole Trustee of the Selma E. Andrews Perpetual Charitable	10-13
Trust	10-13
Jane Riddle Lancaster	12
Turner Stagner, LP	12
Kelly Dion Coll	12
Thomaston, LLC	10-13
Kay W. Beck	2
Bruce G. Bumgarner	2
Anne M. Wadill	2
Sitio Permian, LLC	3, 5-7
Donnie Michael and wife, Karen W. Michael	3-7
Post Oak Mavros II, LLC	3, 5-7
Sortida Resources, LLC	3, 5-7
Dak Valley Minerals and Land, LP	3, 5-7
Platform Energy IV, LLC	3-7



Summary of Interests Royal Oak 25 Fed Com #006H-#009H Avant Operating, LLC Case Nos. 24543 Exhibit C-5



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of ORRI Owners to be Pooled:

ORRI Owner	Tract Number
Gary Wyvil Whitlow	3-7
Linda Kay Whitlow	3-7
Gayna Lea Whitlow Smith	3-7
Caroline Free Bagot	3, 5-6
Mary Margery Free	3, 5-6
Casey Trust	3, 5-6
Marion Leone Spears, Life Tenant	3-6
John and Theresa Hillman Family Properties, LP	3
latan Royalty, LLC	3
Roca Exploration Ltd	6, 7
Nearburg Producing Company Employee Fund	6
Walter Beck, III	2
Elizabeth L. Beck	2
Baber Well Servicing Company	3, 5, 6
Bovina Limited Liability Company	3, 5, 6
Bullet Limited Liability Company	3, 5, 6
Mongoose Minerals, LLC	3, 5, 6
Roca Exploration, Ltd.	3-6
Mexco Energy Corp.	3-6
MitchOil, LLC	3, 5, 6
Wing Resources VI, LLC	5, 6
Elk Range Royalties II, LP	5, 6
Wing Resources VI, LLC	5, 6
Elk Range Royalties II, LP	5, 6
The Gary and Seree Whitlow Revocable Mineral Trust	6
Colgate Royalties, LP	6
The William Patrick Ashworth and Michelle Marie Ashworth Living Trust	8, 10-12



Released to Imaging: 7/10/2024 11:32:25 AM

Non-Standard Unit Notice Royal Oak 25 Fed Com #301H-#304H / #501H-#504H / #601H-#604H / #006H-##009H Avant Operating, LLC Case Nos. 24543 & 24544 Exhibit C-6



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Notice Sent to Offset Operators and Lessees:

23	3	2	4	L1 37,01 L2 37,14 L3 37,29 L3 37,29	1	9	
26	5	2	5	L1 37 53 L2 37 63 L3 37 73 L4 37 83	3	D	EA
35	5	3	6	L1 37.91 L2 37.97 L3 38.03 L4 38.09	3		
L4 L3 43.86 43.98 2	12 41 44 18 81.8	alla alla 1953		L4 49.27 L5 39.00 L0 39.02 L7 37.98	13 45.3	12 45.16	L1 45.03

Operators/Lessees in Adjacent Tracts Noticed							
Lands	Owner	Last Known Address					
T100 D225 Car 22, 52	Conoco Phillips	PO Box 2197, Houston, TX 77252					
T18S R33E Sec 23: E2	Seely Oil	815 W. 10th Street, Fort Worth, TX 76102					
T18S R33E Sec 24	Raybaw Operating LLC	2626 Cole Avenue, Suite 300, Dallas, TX 75204					
1185 K33E Sec 24	Seely Oil	815 W. 10th Street, Fort Worth, TX 76102					
T18S R34E Sec 19: W2	Seely Oil	815 W. 10th Street, Fort Worth, TX 76102					
	Seely Oil	815 W. 10th Street, Fort Worth, TX 76102					
	EOG Resources Inc	PO Box 4362, Houston, TX 77210					
	TH McElvain Oil & Gas LLLP	1819 Denver West Dr., Suite 260, Lakewood, CO 80401					
T18S R34E Sec 30: W2	Jacqueline M Withers, Trustee	3429 Devonshire Way, Palm Beach Gardens, FL 33418					
	Brian Peter McGary 2017 Revocable Trust	P. O. Box 830308, Dallas, Texas, 75283					
	Kelly McGary, Trustee	P. O. Box 830308, Dallas, Texas, 75283					
	Mary Jane McGary, Trustee	P. O. Box 830308, Dallas, Texas, 75283					
	Prima Exploration	250 Fillmore St., Suite 500, Denver, CO 80206					
	TH McElvain Oil & Gas LLLP	1819 Denver West Dr., Suite 260, Lakewood, CO 80401					
	Jacqueline M Withers, Trustee	3429 Devonshire Way, Palm Beach Gardens, FL 33418					
	Brian Peter McGary 2017 Revocable Trust	P. O. Box 830308, Dallas, Texas, 75283					
T18S R34E Sec 31: W2	Kelly McGary, Trustee	P. O. Box 830308, Dallas, Texas, 75283					
	Mary Jane McGary, Trustee	P. O. Box 830308, Dallas, Texas, 75283					
	Bethol Corp	2415 1st National Building, Dallas, TX 75202					
	Jacqueline M Withers, Trustee	3429 Devonshire Way, Palm Beach Gardens, FL 33418					
	ZPZ Delaware I LLC	2000 W. Sam Houston Pkwy S., Suite 200, Houston, TX 77042					
T19S R34E Sec 6: W2	Earthstone Permian LLC	300 N. Marienfeld St., Suite 1000, Midland, TX 79701					
1195 K34L SEC 0. W2	Permian Resources	300 N. Marienfeld St., Suite 1000, Midland, TX 79701					
T19S R33E Sec 1	Permian Resources	300 N. Marienfeld St., Suite 1000, Midland, TX 79701					
T19S R33E Sec 2: E2	Permian Resources	300 N. Marienfeld St., Suite 1000, Midland, TX 79701					
T18S R33E Sec 35: E2	Permian Resources	300 N. Marienfeld St., Suite 1000, Midland, TX 79701					
T18S R33E Sec 26: E2	Permian Resources	300 N. Marienfeld St., Suite 1000, Midland, TX 79701					



AVANT OPERATING, LLC 15



April 9, 2024

Sent via USPS

Franklin Mountian Energy 3, LLC 44 Cook Street, Suite 1000 Denver, CO 80206

RE: Well Proposals Royal Oak 25 Fed Com 301H, 302H, 303H, 304H, 501H, 502H, 503H, 504H 601H, 602H, 603H, 604H, 006H, 007H, 008H, 009H Sections 25 & 36, Township 18 South, Range 33 East Lea County, New Mexico

Ladies and Gentlemen:

Avant Operating, LLC ("Avant") hereby proposes to drill and complete the Royal Oak 25 Fed Com 301H, 302H, 303H, 304H, 501H, 502H, 503H, 504H, 601H, 602H, 603H, 604H, 006H, 007H, 008H and 009H wells in Sections 25 and 36, Township 18 South, Range 33 East, Lea County, New Mexico. Avant is finalizing reports and preliminary title shows you *may* 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").
- Royal Oak 25 Fed Com #301H: to be drilled from a SHL of 320' FNL & 1,340' FWL of Section 25 and a BHL of 100' FSL & 990' FWL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 8,550' TVD and will be drilled horizontally to a Measured Depth of approximately 18,873'.
- **Royal Oak 25 Fed Com #302H**: to be drilled from a SHL of 160' FNL & 1,340' FWL of Section 25 and a BHL of 100' FSL & 2,310' FWL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 8,550' TVD and will be drilled horizontally to a Measured Depth of approximately 18,873'.
- Royal Oak 25 Fed Com #303H: to be drilled from a SHL of 320' FNL & 1,420' FEL of Section 25 and a BHL of 100' FSL & 990' FEL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 8,550' TVD and will be drilled horizontally to a Measured Depth of approximately 18,873'.
- Royal Oak 25 Fed Com #304H: to be drilled from a SHL of 160' FNL & 1,420' FEL of Section 25 and a BHL of 100' FSL & 330' FEL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 8,550' TVD and will be drilled horizontally to a Measured Depth of approximately 18,873'.
- Royal Oak 25 Fed Com #501H: to be drilled from a SHL of 320' FNL & 1,300' FWL of Section 25 and a BHL of 100' FSL & 330' FWL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 9,650' TVD and will be drilled horizontally to a Measured Depth of approximately 19,973'.



- Royal Oak 25 Fed Com #502H: to be drilled from a SHL of 160' FNL & 1,300' FWL of Section 25 and a BHL of 100' FSL & 1,650' FWL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 9,650' TVD and will be drilled horizontally to a Measured Depth of approximately 19,973'.
- Royal Oak 25 Fed Com #503H: to be drilled from a SHL of 320' FNL & 1,460' FEL of Section 25 and a BHL of 100' FSL & 2,310' FEL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 9,650' TVD and will be drilled horizontally to a Measured Depth of approximately 19,973'.
- Royal Oak 25 Fed Com #504H: to be drilled from a SHL of 160' FNL & 1,460' FEL of Section 25 and a BHL of 100' FSL & 990' FEL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 9,650' TVD and will be drilled horizontally to a Measured Depth of approximately 19,973'.
- Royal Oak 25 Fed Com #601H: to be drilled from a SHL of 320' FNL & 1,320' FWL of Section 25 and a BHL of 100' FSL & 990' FWL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 10,150' TVD and will be drilled horizontally to a Measured Depth of approximately 20,473'.
- Royal Oak 25 Fed Com #602H: to be drilled from a SHL of 160' FNL & 1,320' FWL of Section 25 and a BHL of 100' FSL & 2,310' FWL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 10,150' TVD and will be drilled horizontally to a Measured Depth of approximately 20,473'.
- **Royal Oak 25 Fed Com #603H**: to be drilled from a SHL of 320' FNL & 1,440' FEL of Section 25 and a BHL of 100' FSL & 1,650' FEL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 10,150' TVD and will be drilled horizontally to a Measured Depth of approximately 20,473'.
- Royal Oak 25 Fed Com #604H: to be drilled from a SHL of 160' FNL & 1,440' FEL of Section 25 and a BHL of 100' FSL & 330' FEL of Section 36. The Well will have a targeted interval within the Bone Springs formation at a depth of approximately 10,150' TVD and will be drilled horizontally to a Measured Depth of approximately 20,473'.
- Royal Oak 25 Fed Com #006H: to be drilled from a SHL of 320' FNL & 1,280' FWL of Section 25 and a BHL of 100' FSL & 330' FWL of Section 36. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,500' TVD and will be drilled horizontally to a Measured Depth of approximately 21,573'.
- Royal Oak 25 Fed Com #007H: to be drilled from a SHL of 160' FNL & 1,280' FWL of Section 25 and a BHL of 100' FSL & 1,650' FWL of Section 36. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,500' TVD and will be drilled horizontally to a Measured Depth of approximately 21,573'.
- Royal Oak 25 Fed Com #008H: to be drilled from a SHL of 320' FNL & 1,480' FEL of Section 25 and a BHL of 100' FSL & 2,310' FEL of Section 36. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,500' TVD and will be drilled horizontally to a Measured Depth of approximately 21,573'.
- Royal Oak 25 Fed Com #009H: to be drilled from a SHL of 160' FNL & 1,480' FEL of Section 25 and a BHL of 100' FSL & 1,950' FEL of Section 36. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,500' TVD and will be drilled horizontally to a Measured Depth of approximately 21,573'.



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 25-T18S-R33E and Section 36-T18S-R33E
- 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.

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.

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.

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,

here

Sophia Guerra Landman

Enclosures



Franklin Mountain Energy 3, LLC elects as follows:

Royal Oak 25 Fed Com #301H:

I/We hereby elect to participate in the Royal Oak 25 Fed Com #301H well.
I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #301H well.

Royal Oak 25 Fed Com #302H:

I/We hereby elect to participate in the **Royal Oak 25 Fed Com #302H** well. I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #302H** well.

Royal Oak 25 Fed Com #303H:

I/We hereby elect to participate in the **Royal Oak 25 Fed Com #303H** well. I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #303H** well.

Royal Oak 25 Fed Com #304H:

I/We hereby elect to participate in the Royal Oak 25 Fed Com #304H well.
I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #304H well.

Royal Oak 25 Fed Com #501H:

I/We hereby elect to participate in the Royal Oak 25 Fed Com #501H well.
I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #501H well.

Royal Oak 25 Fed Com #502H:

I/We hereby elect to participate in the **Royal Oak 25 Fed Com #502H** well. I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #502H** well.

Royal Oak 25 Fed Com #503H:

I/We hereby elect to participate in the **Royal Oak 25 Fed Com #503H** well. I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #503H** well.

Royal Oak 25 Fed Com #504H:

_____ I/We hereby elect to participate in the **Royal Oak 25 Fed Com #504H** well. _____ I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #504H** well.

Royal Oak 25 Fed Com #601H:

_____ I/We hereby elect to participate in the Royal Oak 25 Fed Com #601H well. _____ I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #601H well.

Royal Oak 25 Fed Com #602H:

- _____ I/We hereby elect to participate in the **Royal Oak 25 Fed Com #602H** well.
- _____ I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #602H well.



Royal Oak 25 Fed Com #603H:

_____ I/We hereby elect to participate in the **Royal Oak 25 Fed Com #603H** well. _____ I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #603H** well.

Royal Oak 25 Fed Com #604H:

 _ I/We hereby elect to participate in the Royal Oak 25 Fed Com #604H well.
 _ I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #604H well

Royal Oak 25 Fed Com #006H:

_ I/We hereby elect to participate in the Royal Oak 25 Fed Com #006H well.
 _ I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #006H well.

Royal Oak 25 Fed Com #007H:

_____ I/We hereby elect to participate in the **Royal Oak 25 Fed Com #007H** well. _____ I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #007H** well.

Royal Oak 25 Fed Com #008H:

I/We hereby elect to participate in the Royal Oak 25 Fed Com #008H well.
I/We hereby elect NOT to participate in the Royal Oak 25 Fed Com #008H well.

Royal Oak 25 Fed Com #009H:

_____ I/We hereby elect to participate in the **Royal Oak 25 Fed Com #009H** well. _____ I/We hereby elect **NOT** to participate in the **Royal Oak 25 Fed Com #009H** well.

Franklin Mountain Energy 3, LLC

By: _____

Printed Name: _____

Title: _____

Date: _____



Authority for Expenditure

AFE: NM0096	Date:	May 15, 2023
Well Name: Royal Oak 25 Fed Com #301H	Projected MD/	/TVD: 18873 / 8550
Target: Bone Springs	Spud t	o TD: 12.8 days
County: Lea	Lateral Le	ngth: 10,000
State: NM	St	ages: 64
SHL: Sec: 25, T-18S, R-33E; 320 FNL, 1340 FWL	Total Proppant ((ppf): 2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 990 FWL	Total Fluid (ga	al/ft): 3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #301H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18873' 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

	TOTAL
DRILLING:	\$3,948,640
COMPLETIONS:	\$6,565,661
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,579,328

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	Date: Title:	S.V.P. Operations

Received by OCD: 7/9/2024 4:11:17 PM

AFE # NM0096 - Royal Oak 25 Fed Com #301H

TANGIBLE COSTS		Drilling	Comp	letion		Facilities		Total
angible Drilling	\$	1,153,787	\$	-	\$	-	\$	1,153,78
8400.301 Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302 Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,8
8400.302 Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303 Production Casing:	\$	677,345	\$	-	\$	-	\$	677,34
8400.340 Wellhead Equipment:	\$	56,903	\$	-	\$		\$	56,90
	\$		\$	_	\$		\$	00,0
ngible Completion	\$	-		72,460	ф \$	-	\$	272 46
		-			•	-		272,46
8400.308 Tubing:	\$	-		123,523	\$	-	\$	123,5
8400.340 Wellhead Equip:	\$	-		107,841	\$	-	\$	107,8
8400.312 Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,0
	\$	-	\$	-	\$	-	\$	
ingible 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	\$	117,5
		-		-				
	\$	-	\$	-	\$	36,201	\$	36,2
8400.345 LACT Unit:	\$	-	\$	-	\$	-	\$	
8400.346 Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347 Containment:	\$	-	\$	-	\$	19,231	\$	19,2
8400.348 Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349 Pipelines:	\$	-	\$	-	\$	-	\$	
8400.315 Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350 Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
	\$	_	\$	_	\$		\$	
TOTAL TANGIBLE COSTS >>>		4 452 707	· ·	72 460	\$	045 654	\$	2 244 0
TOTAL TANGIBLE COSTS	Þ	1,153,787	φ ZI	72,460	Þ	815,651	Þ	2,241,8
INTANGIBLE COSTS		Drilling	Comp	letion		Facilities		Total
angible Drilling	\$	2,794,852	\$	-	\$	-	\$	2,794,8
8200.111 Survey, Stake/Permit:			Ψ	-			Ψ	
	1 0	E 060	¢		C D		¢	
	\$	5,269	\$	-	\$	-	\$	
8200.113 Damages/ROW:	\$	7,903	\$	-	\$	-	\$	5,2
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc.	\$ \$	7,903 10,538	\$ \$	-	\$	-	\$ \$	7,9 10,5
8200.113Damages/ROW:8200.149Legal, Title, Etc.8200.152Well Control Insurance:	\$ \$ \$	7,903 10,538 7,903	\$ \$ \$	- - -	\$ \$	- - -	\$ \$ \$	7,9 10,9 7,9
8200.113Damages/ROW:8200.149Legal, Title, Etc.8200.152Well Control Insurance:8200.112Location:	\$ \$	7,903 10,538	\$ \$		\$	- - - -	\$ \$	7,9 10,9 7,9
8200.113Damages/ROW:8200.149Legal, Title, Etc.8200.152Well Control Insurance:8200.112Location:8200.103Rig Move:	\$ \$ \$	7,903 10,538 7,903	\$ \$ \$ \$		\$ \$	- - - - -	\$ \$ \$	7,9 10,9 7,9 91,9
8200.113Damages/ROW:8200.149Legal, Title, Etc.8200.152Well Control Insurance:8200.112Location:	\$ \$ \$	7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$	- - - - - -	\$ \$ \$ \$	7,9 10,4 7,9 91,4 79,8
8200.113Damages/ROW:8200.149Legal, Title, Etc.8200.152Well Control Insurance:8200.112Location:8200.103Rig Move:	\$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$	7,9 10,9 7,9 91,9 79,0 721,9
8200.113Damages/ROW:8200.149Legal, Title, Etc.8200.152Well Control Insurance:8200.112Location:8200.103Rig Move:8200.102Drilling Daywork:8200.104Fuel/Power:	\$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 79,5 721,5 141,2
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,4 7,5 91,4 79,6 721,5 141,2 86,5
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 7,5 91,4 79,0 721,1 141,2 86,5 212,5
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 91,4 79,0 721,4 141,2 86,5 212,5 165,4
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4,
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,6 721,5 141,2 86,5 212,5 165,5 4,6 23,7
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,6 721,5 141,2 86,5 212,5 165,4 4,5 23,4 107,0
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Dirilling Daywork: 8200.105 Dirilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	• •	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,6 721,5 141,2 86,5 212,5 165,4 4,5 23,4 107,0 29,7
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.112 Location: 8200.103 Rig Move: 8200.104 Drilling Daywork: 8200.105 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Bits & BHA: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.119 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 91,4 79,6 721,5 141,2 86,5 212,5 165,4 4,6 23,6 107,1 29,9 96,1
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Dirilling Daywork: 8200.105 Dirilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	• •	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 91,4 79,6 721,5 141,2 86,5 212,5 165,4 4,6 23,6 107,1 29,9 96,1
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.112 Location: 8200.103 Rig Move: 8200.104 Drilling Daywork: 8200.105 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Bits & BHA: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.119 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 79,5 721,5 141,2 86,5 212,5 165,4 4,5 23,4 107,0 29,5 96,0 181,5
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.112 Location: 8200.103 Rig Move: 8200.104 Dirilling Daywork: 8200.105 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Bits & BHA: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.19 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.124 Equipment Rental:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 721,5 141,2 86,5 212,5 165,4 4,4 23,4 107,7 29,5 96,6 181,5 99,6
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.112 Location: 8200.103 Rig Move: 8200.104 Dirilling Daywork: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Bits & BHA: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.170 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.146 Mancamp:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ \$\$\$ <td>- - - - - - - - - - - - - - - - - - -</td> <td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td>7,5 10,5 75,5 91,5 79,5 721,5 141,2 86,5 212,5 165,4 4,5 23,4 107,0 29,5 96,0 181,5 99,0 42,0</td>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 75,5 91,5 79,5 721,5 141,2 86,5 212,5 165,4 4,5 23,4 107,0 29,5 96,0 181,5 99,0 42,0
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Direling Daywork: 8200.104 Fuel/Power: 8200.105 Bits & BHA: 8200.116 Bits & BHA: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.191 Mud - Auxiliary: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.137 Casing Services:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 725,5 75,5 7
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.112 Location: 8200.103 Rig Move: 8200.104 Dirilling Daywork: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Bits & BHA: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.118 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.170 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 725,7 75,7 7
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Dirilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.115 Mud - Diesel: 8200.119 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.136 Transportation:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 721,5 725,7 75,7 7
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Dirilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.199 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.106 Transportation: 8200.125 Inspection/Testing:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311	\$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 141,2 86,5 212,5 165,6 4,5 23,6 107,0 29,7 96,0 181,6 99,0 42,0 71,6 200,2 99,2 45,5
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.152 Location: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Dirilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Diesel: 8200.170 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.106 Transportation: 8200.125 Inspection/Testing: 8200.144 Company Supervision:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400	\$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 721,5 141,2 86,5 212,5 165,6 4,5 23,6 107,0 29,7 96,0 181,9 99,0 42,0 71,6 200,2 99,1 200,2 99,2 45,5 2,7
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Dirilling Daywork: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.128 Directional: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.128 Mud - Drill Water: 8200.136 Mud Brine: 8200.149 Mud - Auxiliary: 8200.170 Mud - Auxiliary: 8200.124 Equipment Rental: 8200.124 Equipment Rental: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.125 Inspection/Testing: 8200.107 Consulting Services:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746	\$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 141,2 86,5 212,5 165,6 4,5 23,6 107,0 29,7 96,0 181,0 99,0 42,0 71,6 200,5 99,1 45,5 212,5 218,5
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Dirilling Daywork: 8200.102 Drilling Daywork: 8200.103 Bits & BHA: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.128 Directional: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.128 Mud - Drill Water: 8200.139 Mud - Auxiliary: 8200.149 Mud - Auxiliary: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.125 Inspection/Testing: 8200.127 Contract Labor:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 721,5 141,2 86,3 212,3 165,4 4,5 23,4 107,0 29,7 96,0 181,5 99,0 42,0 71,6 200,2 99,2 45,5 2,4 218,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Dirilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.116 Bits & BHA: 8200.128 Directional: 8200.129 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud Brine: 8200.170 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.125 Inspection/Testing: 8200	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746	\$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 141,2 86,5 212,5 165,6 4,5 23,6 107,0 29,7 96,0 181,0 99,0 42,0 71,6 200,5 99,1 45,5 212,5 218,5
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.128 Directional: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.118 Mud - Drill Water: 8200.129 Mud are: 8200.119 Mud - Auxiliary: 8200.120 Solids Control/Closed Loop: 8200.124 Equipment Rental: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.125 Inspection/Testing: 8200.127 Contract Labor:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 721,5 141,2 86,3 212,3 165,4 4,5 23,4 107,(29,7 96,(181,6 99,0 42,0 71,6 200,3 99,1 45,5 21,5 2
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.104 Fuel/Power: 8200.105 Dirilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.116 Bits & BHA: 8200.117 Mud & Chemicals: 8200.118 Directional: 8200.119 Mud - Drill Water: 8200.119 Mud - Auxiliary: 8200.119 Mud - Auxiliary: 8200.164 Solids Control/Closed Loop: 8200.158 Disposal: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.125 Inspection/Testing: 8200.127 Contract Labor: 8200.127 Contract Labor: 8200.127 Contract Labor: 8	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$\$ \$\$ \$\$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29, 96, 181, 99, 42, 71, 200, 99, 42, 71, 200, 212, 105, 107, 105, 107, 107, 107, 105, 107, 105, 107, 105, 107, 105, 107, 107, 105, 107, 105, 107, 105, 107, 105, 107, 105, 107, 105, 107, 105, 107, 105, 107, 105, 107, 105, 107, 107, 105, 107, 107, 107, 107, 107, 105, 107, 1
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.118 Directional: 8200.119 Mud - Drill Water: 8200.119 Mud - Diesel: 8200.119 Mud - Auxiliary: 8200.124 Equipment Rental: 8200.124 Equipment Rental: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.125 Inspection/Testing: 8200.127 Contract Labor: 8200.128 Roustabout Services: 8200.136 Mudlogging: 8200.143 Geo-Steering:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 721,5 141,2 86,2 212,2 165,4 4,5 23,4 107,0 29,7 96,0 181,0 99,0 42,0 71,5 200,2 99,2 45,5 2,4 218,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.169 Mud - Dirsel: 8200.170 Mud - Auxiliary: 8200.180 Solids Control/Closed Loop: 8200.191 Mud - Auxiliary: 8200.124 Equipment Rental: 8200.124 Equipment Rental: 8200.138 Cementing: 8200.138 Cementing: 8200.138 Cementing: 8200.106 Transportation: 8200.125 Inspection/Testing: 8200.126 Roustabout Services: 8200.127 Contract Labor: 8200.136 Mudlogging:	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$\$ \$\$ \$\$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 721,5 721,5 141,2 86,2 212,2 165,4 4,5 23,4 107,0 29,7 96,0 181,0 99,0 42,0 71,5 200,2 99,2 45,5 2,4 218,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.115 Mud - Diesel: 8200.119 Mud - Auxiliary: 8200.119 Mud - Auxiliary: 8200.124 Equipment Rental: 8200.138 Disposal: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.138 Cementing: 8200.144 Company Supervision: 8200.125 Inspection/Testing: 8200.126 Consulting Services: 8200.127 Contract Labor: 8200.128 Roustabout Services: 8	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$\$ \$\$ \$\$		\$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29, 96, 181, 99, 42, 71, 200, 99, 42, 71, 200, 21, 7, 2, 2, 7, 7, 165, 4, 23, 107, 29, 96, 181, 20, 21, 20, 7, 165, 7, 21, 21, 21, 21, 21, 21, 21, 21
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.116 Bits & BHA: 8200.117 Mud & Chemicals: 8200.118 Mud - Drill Water: 8200.119 Mud - Auxiliary: 8200.119 Mud - Auxiliary: 8200.124 Equipment Rental: 8200.125 Disposal: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.138 Cementing: 8200.139 Contract Labor: 8200.144 Company Supervision: 8200.125 Inspection/Testing: 8200.12	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\psi\$ \$\psi\$<		\$ \$	7,5 10,5 79,6 79,7 79,7 721,5 141,2 86,5 212,5 165,4 4,5 23,4 107,0 29,7 96,0 181,5 99,0 42,0 71,6 200,3 99,1 42,5 2,7 2,7 7,4 2,7 2,7 7,4 2,7 2,7 2,7 2,7 2,7 2,7 2,7 2,7
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.105 Directional: 8200.116 Bits & BHA: 8200.117 Mud & Chemicals: 8200.118 Directional: 8200.119 Mud - Drill Water: 8200.119 Mud - Diesel: 8200.119 Mud - Auxiliary: 8200.124 Equipment Rental: 8200.138 Disposal: 8200.146 Mancamp: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.146 Transportation: 8200.125 Inspection/Testing: 8200.137 Consulting Services: 8200.138 Cementing: 8200.144 Company Supervision: 8200.125 Inspection/Testing: 8200.136	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447	\$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		\$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29, 96, 181, 99, 42, 71, 200, 99, 42, 71, 200, 91, 181, 212, 165, 4, 23, 107, 29, 96, 181, 20, 21, 7, 165, 4, 21, 20, 165, 4, 21, 165, 21, 165, 21, 165, 21, 165, 21, 165, 21, 165, 21, 165, 21, 165, 21, 165, 21, 165, 21, 20, 20, 165, 21, 20, 20, 20, 20, 20, 20, 20, 20
8200.113 Damages/ROW: 8200.149 Legal, Title, Etc. 8200.152 Well Control Insurance: 8200.112 Location: 8200.103 Rig Move: 8200.102 Drilling Daywork: 8200.104 Fuel/Power: 8200.116 Bits & BHA: 8200.128 Directional: 8200.117 Mud & Chemicals: 8200.115 Mud - Drill Water: 8200.116 Bits & BHA: 8200.117 Mud & Chemicals: 8200.118 Mud - Drill Water: 8200.119 Mud - Auxiliary: 8200.119 Mud - Auxiliary: 8200.124 Equipment Rental: 8200.125 Disposal: 8200.137 Casing Services: 8200.138 Cementing: 8200.138 Cementing: 8200.125 Inspection/Testing: 8200.138 Cementing: 8200.139 Contract Labor: 8200.144 Company Supervision: 8200.125 Inspection/Testing: 8200.12	\$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29, 96, 181, 99, 42, 71, 200, 29, 96, 181, 200, 212, 7, 2, 7, 2, 2, 2, 2, 2, 2, 4, 4, 4, 4, 23, 107, 29, 96, 107, 29, 96, 107, 29, 96, 107, 29, 96, 107, 29, 96, 107, 29, 96, 107, 29, 96, 107, 29, 96, 181, 202, 20, 20, 20, 20, 20, 20, 2

AFE # NM0096 - Royal Oak 25 Fed Com #301H

Intangible Completion	on	\$ -	\$ 6,293,201	\$ -	\$ 6,293,201
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	\$ -	\$ 110,642	\$ -	\$ 110,642
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 13,642	\$ -	\$ 13,642
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 >>>	\$ 2,794,852	\$ 6,293,201	\$ 249,376	\$ 9,337,429

TOTAL D&C&F COSTS >>>	\$ 3,948,640	\$ 6,565,661	\$ 1,065,027	\$ 11,579,328
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:	NM0112	Date:	May 1	5, 2023
Well Name:	Royal Oak 25 Fed Com #302H	Projected MD	/TVD:	18873 / 8550
Target:	Bone Springs	Spud	to TD:	12.8 days
County:	Lea	Lateral Lo	ength:	10,000
State:	NM	S	tages:	64
SHL:	Sec: 25, T-18S, R-33E; 160 FNL, 1340 FWL	Total Proppant	(ppf):	2,500
BHL:	Sec: 36, T-18S, R-33E; 100 FSL, 2310 FWL	Total Fluid (g	gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #302H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18873' 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:	\$3,948,640
COMPLETIONS:	\$6,565,661
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,579,328

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	Date: Title:	S.V.P. Operations Case Nos. 24543 & 24544

Avant Operating, LLC - Exhibit C-8

Received by OCD: 7/9/2024 4:11:17 PM

AFE # NM0112 - Royal Oak 25 Fed Com #302H

	TANGIBLE COSTS		Drilling		ompletion		Facilities		Total
ngible Drilling		\$	1,153,787	\$	-	\$	-	\$	1,153,78
8400.301	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302	Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,85
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	677,345	\$	-	\$	-	\$	677,34
	Wellhead Equipment:	\$	56,903	\$	_	\$	-	\$	56,9
0+00.0+0		\$	00,000	\$		\$		\$	00,0
ngible Completion		\$	-	φ \$	272,460	φ \$	-	\$	272,46
	Tubing		-			<u> </u>	-		
	Tubing:	\$	-	\$	123,523	\$	-	\$	123,5
	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,0
		\$	-	\$	-	\$	-	\$	
ngible Facility		\$	-	\$	-	\$	815,651	\$	815,6
8400.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,3
8400.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,3
	Flare:	\$		\$		\$	19,963		19,9
	Compressors:		-	Ψ \$	-				
	•	\$	-		-	\$	13,912		13,9
	Pipe/Valves/Fittings:	\$	-	\$	-	\$	117,518	\$	117,5
	Instrumentation/Meters:	\$	-	\$	-	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$	-	\$	-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
	Pump/Supplies:	\$	-	\$	_	\$	29,247	\$	29,2
	Pipelines:	\$		\$	-	\$		\$	20,2
	Flowlines:	\$		\$		\$		\$	
		_	-		-	· ·	-		050.0
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
		\$	-	\$	-	\$	-	\$	
T	OTAL TANGIBLE COSTS >>>	\$	1,153,787	\$	272,460	\$	815,651	\$	2,241,8
	INTANGIBLE COSTS		Drilling		ompletion		Facilities		Total
angible Drilling		\$	2,794,852	\$		\$	-	\$	2,794,8
		Ψ	2,794,052	Ψ	-	–		Ψ	_,,.
	Survey, Stake/Permit:	ə \$	2,794,052 5,269	\$	-	\$	-	₽ \$	
8200.111	Survey, Stake/Permit: Damages/ROW:	- · ·			-		-		5,2
8200.111 8200.113	Damages/ROW:	\$ \$	5,269 7,903	\$ \$	- - -	\$ \$	-	\$ \$	5,2 7,9
8200.111 8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$ \$	5,269 7,903 10,538	\$ \$ \$	-	\$ \$ \$	-	\$ \$	5,2 7,9 10,5
8200.111 8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$ \$	-	\$ \$ \$	-	\$ \$ \$ \$	5,2 7,9 10,9 7,9
8200.111 8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$	-	\$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,9 7,9 91,9 79,8
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953	\$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,8 7,9 91,8 79,8 721,9
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,5 10,5 7,5 91,5 79,5 721,5 141,2
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,5 10,5 7,5 91,5 79,5 721,5 141,2
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,5 10,5 91,5 79,6 721,6 141,2 86,5
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,;
8200.111 8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,;</td></t<>	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,;
8200.111 8200.113 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 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081	\$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,9 10,4 91,4 79,4 721,9 141,2 86,5, 212,5 165,4 4,4 23,4 107,0 29,7 96,0
8200.111 8200.113 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 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169	\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>5,; 7,9 10,5 91,5 79,8 721,9 141,2 86,5; 212,5; 165,4 4,8 23,4 107,0 29,7 96,0</td></t<>	5,; 7,9 10,5 91,5 79,8 721,9 141,2 86,5; 212,5; 165,4 4,8 23,4 107,0 29,7 96,0
8200.111 8200.13 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$\$ \$\$<	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081	\$\$ \$\$<		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>5,; 7,9 10,5 91,5 79,8 721,9 141,2 86,5, 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8</td></t<>	5,; 7,9 10,5 91,5 79,8 721,9 141,2 86,5, 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8
8200.111 8200.13 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 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	· ·	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		S S	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,; 96,; 181,; 99,;
8200.111 8200.133 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 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$\$ \$\$<	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ <t< td=""><td>5,; 7; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,; 96,; 181,; 99,; 42,;</td></t<>	5,; 7; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,; 96,; 181,; 99,; 42,;
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	5,2 7,5 10,5 791,5 791,5 721,5
8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.119 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ <		\$ \$	5; 7; 7; 79, 79, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 79, 79, 79, 79, 79, 79, 79, 79, 79
8200.111 8200.133 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.119 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$		\$ \$ <t< td=""><td>5,2 7,5 10,5 791,5 791,5 721,5</td></t<>	5,2 7,5 10,5 791,5 791,5 721,5
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8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,; 7,; 10,; 791,; 791,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,(29,; 96,(181,; 99,; 42,; 71,; 200,; 99,; 45,; 2,;</td></t<>	5,; 7,; 10,; 791,; 791,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,(29,; 96,(181,; 99,; 42,; 71,; 200,; 99,; 45,; 2,;
8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.164 8200.158 8200.124 8200.125 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,2 7,5 10,5 791,5 791,5 721,5 141,2 86,3 212,3 165,4 4,5 23,4 107,0 29,7 96,0 181,5 99,0 42,0 71,6 200,2 99,2 45,3 2,4</td></t<>	5,2 7,5 10,5 791,5 791,5 721,5 141,2 86,3 212,3 165,4 4,5 23,4 107,0 29,7 96,0 181,5 99,0 42,0 71,6 200,2 99,2 45,3 2,4
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8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.128 8200.117 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Consulting Services:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$		S S <t< td=""><td>5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2</td></t<>	5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.128 8200.117 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Consulting Services: Contract Labor: Roustabout Services:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2</td></t<>	5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.115 8200.119 8200.119 8200.164 8200.158 8200.124 8200.125 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Contract Labor: Roustabout Services: Mudlogging:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,2 7,5 10,5 791,5 791,5 791,5 791,5 721,5 141,2 86,5 212,3 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 200,2 209,2 218,7 22,2</td></t<>	5,2 7,5 10,5 791,5 791,5 791,5 791,5 721,5 141,2 86,5 212,3 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 200,2 209,2 218,7 22,2
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.115 8200.117 8200.119 8200.119 8200.164 8200.125 8200.144 8200.125 8200.144 8200.125 8200.144 8200.127 8200.127 8200.136 8200.143	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisesl: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5; 7; 10; 91; 79; 721; 141; 86; 212; 165; 4; 23; 107; 29; 96; 181; 99; 42; 71; 200; 200; 99; 42; 218; 22; 218; 22; 218; 22; 218; 22; 22; 22; 22; 22; 22; 22; 22; 22; 2</td></t<>	5; 7; 10; 91; 79; 721; 141; 86; 212; 165; 4; 23; 107; 29; 96; 181; 99; 42; 71; 200; 200; 99; 42; 218; 22; 218; 22; 218; 22; 218; 22; 22; 22; 22; 22; 22; 22; 22; 22; 2
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.115 8200.119 8200.119 8200.164 8200.158 8200.124 8200.125 8200.137 8200.138 8200.125 8200.144 8200.107 8200.127 8200.136 8200.136 8200.134	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5; 7; 7; 91; 79; 721; 141; 86; 212; 165; 4; 23; 165; 4; 23; 107; 29; 96; 181; 99; 200; 29; 20; 20; 218; 22; 218; 22; 218; 22; 22; 218; 22; 22; 22; 22; 22; 22; 22; 22; 22; 2</td></t<>	5; 7; 7; 91; 79; 721; 141; 86; 212; 165; 4; 23; 165; 4; 23; 107; 29; 96; 181; 99; 200; 29; 20; 20; 218; 22; 218; 22; 218; 22; 22; 218; 22; 22; 22; 22; 22; 22; 22; 22; 22; 2
8200.111 8200.149 8200.152 8200.152 8200.103 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.104 8200.104 8200.117 8200.128 8200.169 8200.169 8200.164 8200.164 8200.124 8200.137 8200.146 8200.138 8200.137 8200.138 8200.125 8200.106 8200.127 8200.127 8200.136 8200.136 8200.136 8200.134 8200.134	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5; 7; 7; 91; 79; 721; 141; 86; 212; 165; 4; 23; 107; 29; 96; 181; 99; 42; 71; 200; 29; 99; 42; 71; 200; 200; 29; 24; 218; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7;</td></t<>	5; 7; 7; 91; 79; 721; 141; 86; 212; 165; 4; 23; 107; 29; 96; 181; 99; 42; 71; 200; 29; 99; 42; 71; 200; 200; 29; 24; 218; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7; 7;
8200.111 8200.113 8200.149 8200.152 8200.102 8200.102 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.117 8200.128 8200.117 8200.117 8200.169 8200.164 8200.164 8200.158 8200.124 8200.137 8200.138 8200.137 8200.138 8200.125 8200.136 8200.127 8200.127 8200.136 8200.136 8200.137 8200.136 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,; 7,9 10,5 79,8 721,9 141,2 86,5; 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 27,2 2,7 7,4</td></t<>	5,; 7,9 10,5 79,8 721,9 141,2 86,5; 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 27,2 2,7 7,4
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8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.104 8200.117 8200.128 8200.117 8200.117 8200.169 8200.164 8200.158 8200.164 8200.124 8200.125 8200.137 8200.138 8200.137 8200.138 8200.125 8200.136 8200.127 8200.136 8200.136 8200.134 8200.135 8200.134 8200.135 8200.135 8200.135 8200.135 8200.135	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192	\$\$ \$\$<		\$ \$	- - - - - - - - - - - - - - - - - - -	S S <td< td=""><td>5,2 7,9 10,5 79,8 721,9 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 96,0 181,8 99,0 42,0 71,6 200,2 201,2 99,2 218,7 27,2 2,1 7,4 7,4</td></td<>	5,2 7,9 10,5 79,8 721,9 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 96,0 181,8 99,0 42,0 71,6 200,2 201,2 99,2 218,7 27,2 2,1 7,4 7,4

AFE # NM0112 - Royal Oak 25 Fed Com #302H

Intangible Completi	on	\$ -	\$	6,293,201	\$ -	\$ 6,293,201
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	\$ -	\$	110,642	\$ -	\$ 110,642
8300.273	Flowback:	\$ -	\$	59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$	13,642	\$ -	\$ 13,642
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 >>>	\$ 2,794,852	, a	6,293,201	\$ 249,376	\$ 9,337,429

TOTAL D&C&F COSTS >>>	\$ 3,948,640	\$ 6,565,661	\$ 1,065,027	\$ 11,579,328
TOTAL DACAF 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: NM0116	Date:	May 1	5, 2023
Well Name: Royal Oak 25 Fed Com #303H	Projected M	ID/TVD:	18873 / 8550
Target: Bone Springs	Spu	d to TD:	12.8 days
County: Lea	Lateral	Length:	10,000
State: NM		Stages:	64
SHL: Sec: 25, T-18S, R-33E; 320 FNL, 1420 FEL	Total Proppar	nt (ppf):	2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 990 FEL	Total Fluid	(gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #303H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18873' 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

	TOTAL
DRILLING:	\$3,948,640
COMPLETIONS:	\$6,565,661
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,579,328

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	Date: Title:	S.V.P. Operations

Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit C-8

Received by OCD: 7/9/2024 4:11:17 PM

AFE # NM0116 - Royal Oak 25 Fed Com #303H

	TANGIBLE COSTS		Drilling		ompletion		Facilities		Total
ngible Drilling		\$	1,153,787	\$	-	\$	-	\$	1,153,78
8400.301	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302	Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,85
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	677,345	\$	-	\$	-	\$	677,34
	Wellhead Equipment:	\$	56,903	\$	_	\$	-	\$	56,9
0+00.0+0		\$	00,000	\$		\$		\$	00,0
ngible Completion		\$	-	φ \$	272,460	φ \$	-	\$	272,46
	Tubing		-			<u> </u>	-		
	Tubing:	\$	-	\$	123,523	\$	-	\$	123,5
	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,0
		\$	-	\$	-	\$	-	\$	
ngible Facility		\$	-	\$	-	\$	815,651	\$	815,6
8400.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,3
8400.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,3
	Flare:	\$		\$		\$	19,963		19,9
	Compressors:		-	Ψ \$	-				
	•	\$	-		-	\$	13,912		13,9
	Pipe/Valves/Fittings:	\$	-	\$	-	\$	117,518	\$	117,5
	Instrumentation/Meters:	\$	-	\$	-	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$	-	\$	-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
	Pump/Supplies:	\$	-	\$	_	\$	29,247	\$	29,2
	Pipelines:	\$		\$	-	\$		\$	20,2
	Flowlines:	\$		\$		\$		\$	
		_	-		-	· ·	-		050.0
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
		\$	-	\$	-	\$	-	\$	
T	OTAL TANGIBLE COSTS >>>	\$	1,153,787	\$	272,460	\$	815,651	\$	2,241,8
	INTANGIBLE COSTS		Drilling		ompletion		Facilities		Total
angible Drilling		\$	2,794,852	\$		\$	-	\$	2,794,8
		Ψ	2,794,052	Ψ	-	–		Ψ	_,,.
	Survey, Stake/Permit:	ə \$	5,269	\$	-	\$	-	₽ \$	
8200.111	Survey, Stake/Permit: Damages/ROW:	- · ·			-		-		5,2
8200.111 8200.113	Damages/ROW:	\$ \$	5,269 7,903	\$ \$	- - -	\$ \$	-	\$ \$	5,2 7,9
8200.111 8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$ \$	5,269 7,903 10,538	\$ \$ \$	-	\$ \$ \$	-	\$ \$	5,2 7,9 10,5
8200.111 8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$ \$	-	\$ \$ \$	-	\$ \$ \$ \$	5,2 7,9 10,9 7,9
8200.111 8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$	-	\$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,9 7,9 91,9 79,8
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953	\$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,8 7,9 91,8 79,8 721,9
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,5 10,5 7,5 91,5 79,5 721,5 141,2
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,5 10,5 7,5 91,5 79,5 721,5 141,2
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,5 10,5 91,5 79,6 721,6 141,2 86,5
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,;
8200.111 8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,;</td></t<>	5,; 7,; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,;
8200.111 8200.113 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 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081	\$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,9 10,4 91,4 79,4 721,9 141,2 86,5, 212,5 165,4 4,4 23,4 107,0 29,7 96,0
8200.111 8200.113 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 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169	\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>5,; 7,9 10,5 91,5 79,8 721,9 141,2 86,5; 212,5; 165,4 4,8 23,4 107,0 29,7 96,0</td></t<>	5,; 7,9 10,5 91,5 79,8 721,9 141,2 86,5; 212,5; 165,4 4,8 23,4 107,0 29,7 96,0
8200.111 8200.13 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$\$ \$\$<	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>5,; 7,9 10,8 91,9 721,9 721,9 141,2 86,5, 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8</td></t<>	5,; 7,9 10,8 91,9 721,9 721,9 141,2 86,5, 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8
8200.111 8200.13 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	· ·	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		S S	5,; 7; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,; 96,; 181,; 99,;
8200.111 8200.133 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 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$\$ \$\$<	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ <t< td=""><td>5,; 7; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,; 96,; 181,; 99,; 42,;</td></t<>	5,; 7; 10,; 91,; 79,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,; 29,; 96,; 181,; 99,; 42,;
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	5,2 7,5 10,5 91,5 79,8 721,5 721,5 141,2 86,2 212,2 165,4 4,5 23,4 107,0 29,7 96,6 181,8 99,0 42,0 71,6
8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.119 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ <		\$ \$	5; 7; 7; 79, 79, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 721, 79, 79, 79, 79, 79, 79, 79, 79, 79, 79
8200.111 8200.133 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.119 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$		\$ \$ <t< td=""><td>5,2 7,5 10,5 791,5 791,5 721,5</td></t<>	5,2 7,5 10,5 791,5 791,5 721,5
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8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,; 7,; 10,; 791,; 791,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,(29,; 96,(181,; 99,; 42,; 71,; 200,; 99,; 45,; 2,;</td></t<>	5,; 7,; 10,; 791,; 791,; 721,; 141,; 86,; 212,; 165,; 4,; 23,; 107,(29,; 96,(181,; 99,; 42,; 71,; 200,; 99,; 45,; 2,;
8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.164 8200.158 8200.124 8200.125 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,2 7,5 10,5 791,5 791,5 721,5 141,2 86,3 212,3 165,4 4,5 23,4 107,0 29,7 96,0 181,5 99,0 42,0 71,6 200,2 99,2 45,3 2,4</td></t<>	5,2 7,5 10,5 791,5 791,5 721,5 141,2 86,3 212,3 165,4 4,5 23,4 107,0 29,7 96,0 181,5 99,0 42,0 71,6 200,2 99,2 45,3 2,4
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8200.111 8200.133 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.128 8200.117 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Consulting Services:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$		S S <t< td=""><td>5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 98,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2</td></t<>	5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 98,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.128 8200.117 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Consulting Services: Contract Labor: Roustabout Services:	S S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 98,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2</td></t<>	5,2 7,5 10,5 79,8 721,5 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 98,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 22,2
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8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.115 8200.119 8200.119 8200.164 8200.158 8200.124 8200.125 8200.137 8200.138 8200.125 8200.144 8200.107 8200.127 8200.136 8200.136 8200.134	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5; 7; 7; 91; 79; 721; 141; 86; 212; 165; 4; 23; 165; 4; 23; 107; 29; 96; 181; 99; 200; 29; 20; 20; 218; 22; 218; 22; 218; 22; 218; 22; 22; 22; 22; 22; 22; 22; 22; 22; 2</td></t<>	5; 7; 7; 91; 79; 721; 141; 86; 212; 165; 4; 23; 165; 4; 23; 107; 29; 96; 181; 99; 200; 29; 20; 20; 218; 22; 218; 22; 218; 22; 218; 22; 22; 22; 22; 22; 22; 22; 22; 22; 2
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8200.111 8200.113 8200.149 8200.152 8200.102 8200.102 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.117 8200.128 8200.117 8200.117 8200.169 8200.164 8200.164 8200.158 8200.124 8200.137 8200.138 8200.137 8200.138 8200.125 8200.136 8200.127 8200.127 8200.136 8200.136 8200.137 8200.136 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,; 7,9 10,5 79,8 721,9 141,2 86,5; 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 27,2 2,7 7,4</td></t<>	5,; 7,9 10,5 79,8 721,9 141,2 86,5; 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 27,2 2,7 7,4
8200.111 8200.113 8200.149 8200.152 8200.102 8200.102 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.117 8200.128 8200.117 8200.117 8200.169 8200.164 8200.164 8200.158 8200.124 8200.137 8200.138 8200.137 8200.138 8200.125 8200.136 8200.127 8200.127 8200.136 8200.136 8200.137 8200.136 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447	\$\$ \$\$<		\$ \$		S S <t< td=""><td>5,; 7,9 10,5 79,8 721,9 141,2 86,5; 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 27,2 2,7 7,4</td></t<>	5,; 7,9 10,5 79,8 721,9 141,2 86,5; 212,5 165,4 4,8 23,4 107,0 29,7 96,0 181,8 99,0 42,0 71,6 200,2 99,2 45,3 2,4 218,7 27,2 2,7 7,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.104 8200.117 8200.128 8200.117 8200.117 8200.169 8200.164 8200.158 8200.164 8200.124 8200.125 8200.137 8200.138 8200.137 8200.138 8200.125 8200.136 8200.127 8200.136 8200.136 8200.134 8200.135 8200.134 8200.135 8200.135 8200.135 8200.135 8200.135	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192	\$\$ \$\$<		\$ \$	- - - - - - - - - - - - - - - - - - -	S S <td< td=""><td>5,2 7,9 10,5 79,8 721,9 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 96,0 181,8 99,0 42,0 71,6 200,2 201,2 99,2 218,7 27,2 2,1 7,4 7,4</td></td<>	5,2 7,9 10,5 79,8 721,9 141,2 86,3 212,3 165,4 4,8 23,4 107,0 29,1 96,0 181,8 99,0 42,0 71,6 200,2 201,2 99,2 218,7 27,2 2,1 7,4 7,4

AFE # NM0116 - Royal Oak 25 Fed Com #303H

Intangible Completic	n	\$ -	\$ 6,293,201	\$ -	\$ 6,293,201
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	\$ -	\$ 110,642	\$ -	\$ 110,642
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 13,642	\$ -	\$ 13,642
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
	TAL INTANGIBLE COSTS >>>	\$ 2,794,852	\$ 6,293,201	\$ 249,376	\$ 9,337,429

TOTAL D&C&F COSTS >>>	\$ 3,948,640	\$ 6,565,661	\$ 1,065,027	\$ 11,579,328
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: NM0120	Date:	May 15	5, 2023
Well Name: Royal Oak 25 Fed Com #304H	Projected	d MD/TVD:	18873 / 8550
Target: Bone Springs	S	pud to TD:	12.8 days
County: Lea	Late	ral Length:	10,000
State: NM		Stages:	64
SHL: Sec: 25, T-18S, R-33E; 160 FNL, 1420 FEL	Total Prop	pant (ppf):	2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 330 FEL	Total Flu	uid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #304H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18873' 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

	TOTAL
DRILLING:	\$3,948,640
COMPLETIONS:	\$6,565,661
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,579,328

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	Date: Title:	S.V.P. Operations Case Nos 24543 & 24544

Avant Operating, LLC - Exhibit C-8

Received by OCD: 7/9/2024 4:11:17 PM

AFE # NM0120 - Royal Oak 25 Fed Com #304H

	TANGIBLE COSTS		Drilling	Completion	\perp	Facilities		Total
ngible Drilling		\$	1,153,787	\$.		5 -	\$	1,153,7
8400.301	Surface Casing:	\$	101,687	\$	- 4	- 6	\$	101,6
8400.302	Intermediate1 Casing:	\$	317,853	\$	- 3	- 6	\$	317,8
8400.302	Intermediate2 Casing:	\$	-	\$	- 3	6 -	\$	
8400.303	Production Casing:	\$	677,345	\$	- 9	6 -	\$	677,3
8400.340	Wellhead Equipment:	\$	56,903	\$	- 3		\$	56,9
0+00.0+0		\$	50,505	\$	- 9		\$	50,0
ngible Completion			-					070.4
		\$	-	\$ 272,460	_	5 -	\$	272,4
8400.308	Tubing:	\$	-	\$ 123,523	_		\$	123,5
8400.340	Wellhead Equip:	\$	-	\$ 107,84 <i>°</i>	9	- 6	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	-	\$ 41,096	5 9	- 6	\$	41,0
		\$	-	\$. 3	6 -	\$	
ngible Facility		\$	-	\$		\$ 815,651	\$	815,6
8400.341	Vessels:	\$	_	\$	_	5 155,381	\$	155,3
	Tanks:		-		_	, ,	· ·	
8400.342		\$	-	\$	_	5 71,306	\$	71,
8400.343	Flare:	\$	-	\$	_	\$ 19,963	\$	19,
8400.344	Compressors:	\$	-	\$	- 9	\$ 13,912	\$	13,9
8400.316	Pipe/Valves/Fittings:	\$	-	\$. 3	§ 117,518	\$	117,
8400.328	Instrumentation/Meters:	\$	-	\$		\$ 36,201	\$	36,
8400.345	LACT Unit:	\$		\$. 9	· ,	\$	00,
			-		-			
8400.346	Electrical Facility:	\$	-	\$	- \$		\$	
8400.347	Containment:	\$	-	\$	· 3	\$ 19,231	\$	19,
8400.348	Pump/Supplies:	\$	-	\$	- 3	\$ 29,247	\$	29,
8400.349	Pipelines:	\$	-	\$. 9	- 6	\$	
8400.315	Flowlines:	\$		\$	- 9		\$	
8400.350	Instrument/Electrical Panel:				-			250
6400.350		\$	-	\$	_	\$ 352,891	\$	352,
		\$	-	\$	- 4		\$	
Т	OTAL TANGIBLE COSTS >>>	\$	1,153,787	\$ 272,460) .	\$ 815,651	\$	2,241,8
	INTANGIBLE COSTS		Drilling	Completion		Facilities		Total
angible Drilling		\$	2,794,852	\$.	. :	\$-	\$	2,794,8
8200.111	Survey, Stake/Permit:							_
0200.111	Survey, Stake/Ferrint.	\$	5,269	\$	- 9	- 6	\$	5.
			5,269 7,903		-			
8200.113	Damages/ROW:	\$	7,903	\$	- 4	-	\$	7,
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$	7,903 10,538	\$ \$	- 9	5 - 5 -	\$ \$	7, 10,
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$	7,903 10,538 7,903	\$ \$ \$	- 9	6 - 6 -	\$ \$ \$	7, 10, 7,
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$	7,903 10,538 7,903 91,542	\$ \$ \$ \$	- 47 - 47 - 47	6 - 6 - 6 -	\$ \$ \$ \$	7, 10, 7, 91,
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$	7,903 10,538 7,903 91,542 79,822	\$ \$ \$	- 9	6 - 6 - 6 -	\$ \$ \$	7, 10, 7, 91,
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$	7,903 10,538 7,903 91,542	\$ \$ \$ \$	- 47 - 47 - 47	6 - 6 - 6 - 6 -	\$ \$ \$ \$	7, 10, 7, 91, 79,
8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953	\$ \$ \$ \$ \$ \$	- 9 - 9 - 9 - 9 - 9	6 - 6 - 6 - 6 -	\$ \$ \$ \$	7, 10, 7, 91, 79, 721,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 99 - 99 - 99 - 99 - 99 - 99 - 99	6 - 6 - 6 - 6 - 6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 99 - 99 - 99 - 99 - 99 - 99 - 99 - 99	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 99 - 99 - 99 - 99 - 99 - 99 - 99 - 99	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212,
8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 99 - 99 - 99 - 99 - 99 - 99 - 99 - 99	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 99 - 99 - 99 - 99 - 99 - 99 - 99 - 99	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4,
8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 99 - 99 - 99 - 99 - 99 - 99 - 99 - 99	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4,
8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 99 - 99 - 99 - 99 - 99 - 99 - 99 - 99	6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107,
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29,
8200.113 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 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Pine: Mud - Joiseel: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	6 - 6 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29, 96,
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8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.164 8200.158 8200.164 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.136 8200.136 8200.134 8200.135 8200.165	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Dirll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	\$ \$ <td< td=""><td>7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>-</td><td>6 - 6</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29, 96, 181, 99, 42, 71, 200, 99, 45, 2, 218, 27, 2, 7, 2, 21, 21, 20, 99, 21, 21, 20, 21, 21, 20, 21, 20, 20, 20, 20, 20, 20, 20, 20</td></td<>	7,903 10,538 7,903 91,542 79,822 721,953 141,219 86,326 212,325 165,447 4,864 23,458 107,021 29,169 96,081 181,864 99,045 42,061 71,630 200,213 99,283 45,311 2,400 218,746 27,283 2,136 - 7,447 - 2,192	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	6 - 6	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 721, 141, 86, 212, 165, 4, 23, 107, 29, 96, 181, 99, 42, 71, 200, 99, 45, 2, 218, 27, 2, 7, 2, 21, 21, 20, 99, 21, 21, 20, 21, 21, 20, 21, 20, 20, 20, 20, 20, 20, 20, 20
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AFE # NM0120 - Royal Oak 25 Fed Com #304H

Intangible Completic		\$ -	\$ 6,293,201	\$ -	\$ 6,293,201
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	\$ -	\$ 110,642	\$ -	\$ 110,642
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 13,642	\$ -	\$ 13,642
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
	TAL INTANGIBLE COSTS >>>	\$ 2,794,852	\$ 6,293,201	\$ 249,376	\$ 9,337,429

TOTAL D&C&F COSTS >>>	\$ 3,948,640	\$ 6,565,661	\$ 1,065,027	\$ 11,579,328
TOTAL DACAF 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:_____


AFE: NM0097	Date:	May 15	5, 2023
Well Name: Royal Oak 25 Fed Com #501H	Projected	MD/TVD:	19973 / 9650
Target: Bone Springs	S	pud to TD:	13.3 days
County: Lea	Late	ral Length:	10,000
State: NM		Stages:	64
SHL: Sec: 25, T-18S, R-33E; 320 FNL, 1300 FWL	Total Prop	pant (ppf):	2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 330 FWL	Total Flu	uid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #501H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 19973' 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:	\$4,049,990
COMPLETIONS:	\$6,583,684
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,698,701

OPERATOR APPROVAL:

Signature: Name:	Jacob Nagy	Date: Title:	Co-C.E.O.
Signature: Name:	Skyler Gary	Date: Title:	<u>Co-C.E.O.</u>
Signature: Name:	Pete Williams	Date: Title:	C.F.O.
Signature: Name:	Braden Harris	Date: Title:	S.V.P. Operations Case Nos. 24543 & 24544

Avant Operating, LLC - Exhibit C-8

AFE # NM0097 - Royal Oak 25 Fed Com #501H

	TANGIBLE COSTS		Drilling	Completion		Facilities		Total
ngible Drilling		\$	1,193,082	\$-	\$	-	\$	1,193,08
	Surface Casing:	\$	101,687	\$-	\$	-	\$	101,6
8400.302	Intermediate1 Casing:	\$	317,853	\$-	\$	-	\$	317,8
8400.302	Intermediate2 Casing:	\$	-	\$-	\$	-	\$	
8400.303	Production Casing:	\$	716,639	\$-	\$	-	\$	716,6
8400.340	Wellhead Equipment:	\$	56,903	\$ -	\$	-	\$	56,9
		\$	-	\$-	\$	-	\$,-
ngible Completion		\$		\$ 288,687	\$	-	\$	288,6
	Tubing:	\$		\$ 139,750	\$		\$	139,7
			-		· ·	-	•	
	Wellhead Equip:	\$	-	\$ 107,841	\$	-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	-	\$ 41,096	\$	-	\$	41,0
		\$	-	\$-	\$	-	\$	
ngible 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
	Compressors:	\$		\$-	\$	13,912	\$	13,9
	Pipe/Valves/Fittings:			•				
		\$	-	\$-	\$	117,518	\$	117,
8400.328	Instrumentation/Meters:	\$	-	\$-	\$	36,201	\$	36,2
	LACT Unit:	\$	-	\$-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$-	\$	-	\$	
8400.347	Containment:	\$	-	\$-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$-	\$	29,247	\$	29,2
	Pipelines	\$	-	\$ -	\$	-	\$,
	Flowlines:	\$	-	\$-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$		\$-	\$	352,891	\$	352,8
0400.330			-			352,091		552,0
		\$	-	\$ -	\$	-	\$	
<i>T</i>	OTAL TANGIBLE COSTS >>>	\$	1,193,082	\$ 288,687	\$	815,651	\$	2,297,4
	INTANGIBLE COSTS		Drilling	Completion		Facilities		Total
angible Drilling		\$	2,856,908	\$-	\$	-	\$	2,856,9
0000 444		·						
	Survey, Stake/Permit:	\$	5,269	\$-	\$	-	\$	5,2
	Survey, Stake/Permit: Damages/ROW:	\$	5,269 7,903	\$- \$-	\$ \$	-	\$ \$	
8200.113			7,903			-		7,9
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$	7,903 10,538	\$ - \$ -	\$ \$	-	\$ \$	7,9 10,9
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$	7,903 10,538 7,903	\$ - \$ - \$ -	\$ \$ \$		\$ \$ \$	7,9 10,9 7,9
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$	7,903 10,538 7,903 91,542	\$ - \$ - \$ - \$ -	\$ \$ \$ \$		\$ \$ \$ \$	7,9 10,9 7,9 91,9
8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$		\$ \$ \$ \$	7,9 10,4 7,9 91,4 79,1
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$	7,9 10,9 7,9 91,9 79,0 747,0
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$	- - - - - - - -	\$ \$ \$ \$ \$ \$ \$	7,9 10,4 7,9 91,4 79,4 747,4 147,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 147, 218, 167, 4, 223,
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021	\$ - \$ -	\$ \$ <t< td=""><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7,5 10,3 91,4 79,6 747,1 147,5 86,6 218,4 167,4 4,5 23,4 107,1</td></t<>		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 91,4 79,6 747,1 147,5 86,6 218,4 167,4 4,5 23,4 107,1
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Piesel: Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566	\$ - \$ -	\$ \$ <t< td=""><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7, 10, 7, 91, 79, 747, 147, 86, 218, 218, 167, 4, 23, 107, 29,</td></t<>		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 218, 167, 4, 23, 107, 29,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 218, 218, 167, 4, 23, 107, 29, 99,
8200.113 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183,
8200.113 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 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 79, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 79, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101,
8200.113 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 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 79,1 79,1 747,1 147,1 86,3 218,4 167,4 4,5 23,4 107,0 29,5 99,1 183,1 101,1 42,1
8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7; 10; 79; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 183; 101; 42; 71;
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102,
8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311	\$ - \$ - <t< td=""><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45,</td></t<>	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.116 8200.117 8200.115 8200.117 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 2, 45, 2, 2, 107, 102, 1
8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: 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:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 227,
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8200.113 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 8200.164 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.134	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 227, 27, 27, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2
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AFE # NM0097 - Royal Oak 25 Fed Com #501H

Intangible Completio	n	\$ -	\$ 6,294,997	\$ -	\$ 6,294,997
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	\$ -	\$ 111,338	\$ -	\$ 111,338
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 14,742	\$ -	\$ 14,742
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
	TAL INTANGIBLE COSTS >>>	\$ 2,856,908	\$ 6,294,997	\$ 249,376	\$ 9,401,281

TOTAL D&C&F COSTS >>>	\$ 4,049,990	\$ 6,583,684	\$ 1,065,027	\$ 11,698,701
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:_____



AFE:	NM0113	Date:	May 1	5, 2023
Well Name:	Royal Oak 25 Fed Com #502H	Projected MD	/TVD:	19973 / 9650
Target:	Bone Springs	Spud	to TD:	13.3 days
County:	Lea	Lateral L	ength:	10,000
State:	NM	S	tages:	64
SHL:	Sec: 25, T-18S, R-33E; 160 FNL, 1300 FWL	Total Proppant	(ppf):	2,500
BHL:	Sec: 36, T-18S, R-33E; 100 FSL, 1650 FWL	Total Fluid (g	gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #502H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 19973' 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:	\$4,049,990
COMPLETIONS:	\$6,583,684
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,698,701

OPERATOR APPROVAL:

Signature: Name:	Jacob Nagy	Date: Title:	Co-C.E.O.
Signature: Name:	Skyler Gary	Date: Title:	<u>Co-C.E.O.</u>
Signature: Name:	Pete Williams	Date: Title:	C.F.O.
Signature: Name:	Braden Harris	Date: Title:	S.V.P. Operations Case Nos. 24543 & 24544

Avant Operating, LLC - Exhibit C-8

AFE # NM0113 - Royal Oak 25 Fed Com #502H

	TANGIBLE COSTS		Drilling	Completion		Facilities		Total
ngible Drilling		\$	1,193,082	\$-	\$	-	\$	1,193,08
	Surface Casing:	\$	101,687	\$-	\$	-	\$	101,6
8400.302	Intermediate1 Casing:	\$	317,853	\$-	\$	-	\$	317,8
8400.302	Intermediate2 Casing:	\$	-	\$-	\$	-	\$	
8400.303	Production Casing:	\$	716,639	\$-	\$	-	\$	716,6
8400.340	Wellhead Equipment:	\$	56,903	\$ -	\$	-	\$	56,9
		\$	-	\$-	\$	-	\$,-
ngible Completion		\$		\$ 288,687	\$	-	\$	288,6
	Tubing:	\$		\$ 139,750	\$		\$	139,7
			-			-	•	
	Wellhead Equip:	\$	-	\$ 107,841	\$	-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	-	\$ 41,096	\$	-	\$	41,0
		\$	-	\$-	\$	-	\$	
ngible 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
	Compressors:	\$		\$-	\$	13,912	\$	13,9
	Pipe/Valves/Fittings:			•				
		\$	-	\$-	\$	117,518	\$	117,
8400.328	Instrumentation/Meters:	\$	-	\$-	\$	36,201	\$	36,2
	LACT Unit:	\$	-	\$-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$-	\$	-	\$	
8400.347	Containment:	\$	-	\$-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$-	\$	29,247	\$	29,2
	Pipelines	\$	-	\$ -	\$	-	\$,
	Flowlines:	\$	-	\$-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$		\$-	\$	352,891	\$	352,8
0400.330			-			352,091		552,0
		\$	-	\$ -	\$	-	\$	
<i>T</i>	OTAL TANGIBLE COSTS >>>	\$	1,193,082	\$ 288,687	\$	815,651	\$	2,297,4
	INTANGIBLE COSTS		Drilling	Completion		Facilities		Total
angible Drilling		\$	2,856,908	\$-	\$	-	\$	2,856,9
0000 444		·						
	Survey, Stake/Permit:	\$	5,269	\$-	\$	-	\$	5,2
	Survey, Stake/Permit: Damages/ROW:	\$	5,269 7,903	\$- \$-	\$ \$	-	\$ \$	
8200.113			7,903			-		7,9
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$	7,903 10,538	\$ - \$ -	\$ \$	-	\$ \$	7,9 10,9
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$	7,903 10,538 7,903	\$ - \$ - \$ -	\$ \$ \$		\$ \$ \$	7,9 10,9 7,9
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$	7,903 10,538 7,903 91,542	\$ - \$ - \$ - \$ -	\$ \$ \$ \$		\$ \$ \$ \$	7,9 10,9 7,9 91,9
8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$		\$ \$ \$ \$	7,9 10,4 7,9 91,4 79,1
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	7,9 10,9 7,9 91,9 79,0 747,0
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$	- - - - - - - -	\$ \$ \$ \$ \$ \$ \$	7,9 10,4 7,9 91,4 79,4 747,4 147,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 147, 218, 167, 4, 223,
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021	\$ - \$ -	\$ \$ <t< td=""><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7,5 10,3 91,4 79,6 747,1 147,5 86,6 218,4 167,4 4,5 23,4 107,1</td></t<>		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 91,4 79,6 747,1 147,5 86,6 218,4 167,4 4,5 23,4 107,1
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Piesel: Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566	\$ - \$ -	S S		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 218, 167, 4, 23, 107, 29,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 218, 218, 167, 4, 23, 107, 29, 99,
8200.113 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 79, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183,
8200.113 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 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 79, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 79, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101,
8200.113 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 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,3 79,1 79,1 747,1 147,1 86,3 218,4 167,4 4,5 23,4 107,0 29,5 99,1 183,1 101,1 42,1
8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Jeisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7; 10; 79; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 183; 101; 42; 71;
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102,
8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311	\$ - \$ - <t< td=""><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45,</td></t<>	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.116 8200.117 8200.115 8200.117 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 2, 45, 2, 2, 103, 104, 105, 1
8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: 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:	\$\$ \$\$ <td< td=""><td>7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596</td><td>\$ - \$</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 227,</td></td<>	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 227,
8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 227, 227, 27, 27, 27, 27, 2
8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 227, 227, 27, 27, 27, 27, 2
8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 227, 227, 27, 27, 27, 27, 2
8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 227, 27, 27, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2
8200.113 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 8200.164 8200.158 8200.164 8200.125 8200.146 8200.125 8200.144 8200.107 8200.127 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Joisesl: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 227, 27, 27, 27, 27, 27, 27, 2
8200.113 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 8200.164 8200.158 8200.164 8200.158 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.134	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 227, 27, 27, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.119 8200.164 8200.125 8200.146 8200.137 8200.138 8200.107 8200.127 8200.144 8200.136 8200.134 8200.135	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	7, 10, 7, 91, 79, 747, 147, 86, 218, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 2, 227, 27, 27, 7,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.119 8200.164 8200.125 8200.146 8200.125 8200.144 8200.127 8200.144 8200.136 8200.136 8200.135 8200.135	Damages/ROW:Legal, Title, Etc.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:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544 - 2,258	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	7,5 10,5 7,9 91,1 79,1 747,1 147,5 86,5 218,4 167,4 4,5 23,4 107,1 29,5 99,3 183,1 101,1 42,5 71,5 200,5 102,5 2,7,5 2,7,5 2,7,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.115 8200.128 8200.117 8200.169 8200.119 8200.164 8200.119 8200.164 8200.124 8200.144 8200.137 8200.138 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.134 8200.135 8200.147	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: 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: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis: Safety & Environmental: Drilling Overhead:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	7,5 10,5 7,9 91,4 79,6 747,7 147,7 86,6 218,4 167,4 4,5 23,4 107,7 29,5 99,7 183,7 101,1 42,6 71,1 200,5 102,7 45,7 27,7 27,7 27,7 27,7 27,1 27,4 27,4 27,4 27,5
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.128 8200.117 8200.169 8200.169 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.144 8200.136 8200.135 8200.143 8200.135 8200.147 8200.148	Damages/ROW:Legal, Title, Etc.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:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:	\$ \$	7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544 - 2,258	\$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10; 7; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 183; 101; 42; 71; 200; 102; 102; 102; 102; 200; 210; 102; 102

AFE # NM0113 - Royal Oak 25 Fed Com #502H

Intangible Completio	n	\$ -	\$ 6,294,997	\$ -	\$ 6,294,997
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	\$ -	\$ 111,338	\$ -	\$ 111,338
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 14,742	\$ -	\$ 14,742
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
	TAL INTANGIBLE COSTS >>>	\$ 2,856,908	\$ 6,294,997	\$ 249,376	\$ 9,401,281

TOTAL D&C&F COSTS >>>	\$ 4,049,990	\$ 6,583,684	\$ 1,065,027	\$ 11,698,701
TOTAL DACAF 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:_____



AFE: NM0117	Date:	May 1	5, 2023
Well Name: Royal Oak 25 Fed Com #503H	Projected	MD/TVD:	19973 / 9650
Target: Bone Springs	S	pud to TD:	13.3 days
County: Lea	Late	ral Length:	10,000
State: NM		Stages:	64
SHL: Sec: 25, T-18S, R-33E; 320 FNL, 1460 FEL	Total Prop	pant (ppf):	2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 2310 FEL	Total Flu	uid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #503H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 19973' 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:	\$4,049,990
COMPLETIONS:	\$6,583,684
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,698,701

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	Date: Title:	S.V.P. Operations Case Nos. 24543 & 24544

Avant Operating, LLC - Exhibit C-8

AFE # NM0117 - Royal Oak 25 Fed Com #503H

	TANGIBLE COSTS		Drilling		pletion		Facilities		Total
ingible Drilling		\$	1,193,082	\$	-	\$	-	\$	1,193,08
8400.301	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302	Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,8
	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
	Production Casing:	\$	716,639	\$	-	\$	-	\$	716,63
	Wellhead Equipment:	\$	56,903	\$		\$		\$	56,90
0400.340		\$	50,905	φ \$	-	φ \$	-	φ \$	50,90
		_	-		-	•	-		
ngible Completion		\$	-		288,687	\$	-	\$	288,68
	Tubing:	\$	-	\$	139,750	\$	-	\$	139,75
	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,84
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,09
		\$	-	\$	-	\$	-	\$	
ngible Facility		\$	-	\$	-	\$	815,651	\$	815,6
	Vessels:	\$		↓ \$		\$	155,381	\$	155,3
	Tanks:		-						
		\$	-	\$	-	\$	71,306	\$	71,3
	Flare:	\$	-	\$	-	\$	19,963	\$	19,9
	Compressors:	\$	-	\$	-	\$	13,912		13,9
8400.316	Pipe/Valves/Fittings:	\$	-	\$	-	\$	117,518	\$	117,5
8400.328	Instrumentation/Meters:	\$	-	\$	-	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$	-	\$	-	\$	-	\$	
	Electrical Facility:	\$		\$		\$		\$	
	Containment:		-	,	-	· ·	-		10.0
		\$	-	\$	-	\$	19,231	\$	19,2
	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
	Pipelines:	\$	-	\$	-	\$	-	\$	
8400.315	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
		\$	-	\$	-	\$	-	\$	
T (OTAL TANGIBLE COSTS >>>	\$	1,193,082	,	288,687	\$	815,651	\$	2,297,4
/		φ	1,195,002	φ	200,007	φ	015,051	φ	2,297,4
	INTANGIBLE COSTS		Drilling	Com	pletion		Facilities		Total
			-		piecion			^	2,856,9
				•					- 7 8 5 6 G
		\$	2,856,908	\$	-	\$	-	\$	
8200.111	Survey, Stake/Permit:	\$ \$	5,269	\$	-	२ \$	-	₽ \$	5,2
8200.111	Survey, Stake/Permit: Damages/ROW:	- · ·		•	-		-	•	2,030,3 5,2 7,9
8200.111 8200.113		\$	5,269	\$	-	\$	- - -	\$	5,2
8200.111 8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$ \$	5,269 7,903 10,538	\$ \$ \$		\$ \$ \$		• \$ \$ \$	5,2 7,9 10,9
8200.111 8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$ \$ \$ \$ \$ \$	- - - -	\$ \$ \$		• () () () ()	5,2 7,9 10,9 7,9
8200.111 8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$		· \$\$ \$\$ \$\$ \$\$	5,2 7,9 10,5 7,9 91,5
8200.111 8200.113 8200.149 8200.152 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$		· • • • • • • •	5,2 7,9 10,9 7,9 91,9 79,8
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836	\$ \$ \$ \$ \$ \$ \$	• • • • • • •	\$ \$ \$ \$ \$ \$	- - - - - - - -	\$\$ \$\$ \$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,8 7,9 91,8 79,8 747,8
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -	• • • • • • • • • • •	5,3 7,9 10,9 7,9 91,9 79,0 747,8 147,5
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836	\$ \$ \$ \$ \$ \$ \$	• • • • • • • • • • • • • • •	\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,3 7,9 10,9 7,9 91,9 79,0 747,8 147,5
8200.111 8200.113 8200.149 8200.152 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	• • • • • • • • • • • • • • • • • • •	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	• • • • • • • • • • •	5,2 7,9 10,4 7,9 91,4 79,4 747,4 147,5 86,9
8200.111 8200.113 8200.149 8200.152 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,4 7,5 91,4 79,6 747,6 147,5 86,9 218,4
8200.111 8200.113 8200.149 8200.152 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419	% %	• • • • • • • • • • • • • • • • • • •	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		• •	5,2 7,9 10,4 7,5 91,4 79,6 747,6 147,5 86,9 218,4 167,4
8200.111 8200.113 8200.149 8200.152 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967	% %		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	· \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	5,; 7,9 10,5 91,5 79,6 747,6 147,5 86,6 218,6 167,6 4,5
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458	· ·		\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	· \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021	· ·	• • • • • • • • • • • • • • • • • • •	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	• •	5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,; 167,; 4,; 23,; 107,;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Piesel: Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458	· ·		\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	· \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021	· ·		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	• •	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261	· ·		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 167; 23; 107; 29; 99;
8200.111 8200.113 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 8200.164 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135	· ·		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 167; 23; 99; 39; 183;
8200.111 8200.113 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 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812	· · · · · · · · · · · · · · · · · · ·		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	* *	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 167; 23; 99; 99; 183; 101;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$\$ \$\$<	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800	· ·		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 167; 99; 99; 183; 101; 42;
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$\$ \$\$ <td< td=""><td>5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888</td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - - - - - - - - - - - - - - - - - -</td><td>\$\$ \$\$<</td><td>5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,; 167,; 4,; 23,; 107,; 29,; 99,; 183,; 101,; 42,; 71,;</td></td<>	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888	· · · · · · · · · · · · · · · · · · ·		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,; 167,; 4,; 23,; 107,; 29,; 99,; 183,; 101,; 42,; 71,;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.119 8200.169 8200.170 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$\$ \$\$<	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213	· ·		\$ \$		\$\$ \$\$<	5; 7; 7; 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 167, 23, 107, 29, 99, 183, 101, 42, 71, 200,
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.119 8200.169 8200.170 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$\$ \$\$ <td< td=""><td>5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888</td><td>· ·</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$\$ \$\$<</td><td>5; 7; 7; 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 167, 23, 107, 29, 99, 183, 101, 42, 71, 200,</td></td<>	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888	· ·		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	5; 7; 7; 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 167, 23, 107, 29, 99, 183, 101, 42, 71, 200,
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.119 8200.169 8200.170 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$\$ \$\$<	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213	· ·		\$ \$		· ·	5; 7; 7; 10, 91, 79, 747, 147, 86, 218, 167, 4, 23, 167, 23, 107, 29, 99, 3183, 101, 42, 71, 200, 102, 102,
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.119 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing:	\$\$ \$\$ <td< td=""><td>5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311</td><td>% %</td><td></td><td>\$ \$</td><td></td><td>\$\$ \$\$<</td><td>5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,4 167,4 4,; 23,4 107,(29,; 993,3 183,7 101,; 42,; 711,; 200,2 102,7 145,;</td></td<>	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311	% %		\$ \$		\$\$ \$\$<	5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,4 167,4 4,; 23,4 107,(29,; 993,3 183,7 101,; 42,; 711,; 200,2 102,7 145,;
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$\$ \$\$ <td< td=""><td>5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400</td><td>· ·</td><td></td><td>\$ \$</td><td></td><td>S S</td><td>5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,4 167,4 4,; 23,4 107,(29,; 999,3; 183,7 101,; 42,; 711,; 200,2 102,7 102,7</td></td<>	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400	· ·		\$ \$		S S	5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,4 167,4 4,; 23,4 107,(29,; 999,3; 183,7 101,; 42,; 711,; 200,2 102,7 102,7
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.164 8200.158 8200.124 8200.125 8200.125 8200.144 8200.107	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596	% %		\$ \$		S S	5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,4 167,4 4,; 23,4 107,(29,; 999,3; 183,7 101,; 42,; 711,; 200,2 102,7; 45,; 22,4 227,;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	% %		\$ \$		S S	5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,4 167,4 4,; 23,4 107,(29,; 999,3; 183,7 101,; 42,; 711,; 200,2 102,7 45,; 227,; 227,; 227,;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.169 8200.170 8200.119 8200.164 8200.125 8200.125 8200.125 8200.144 8200.107 8200.127 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596	% %		\$ \$		· ·	5,; 7,; 10,; 91,; 79,; 747,; 147,; 86,; 218,4 167,4 4,; 23,4 107,(29,; 999,3; 183,7 101,; 42,; 711,; 200,2 102,7; 45,; 22,4 227,;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.169 8200.170 8200.119 8200.164 8200.125 8200.144 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$\$ \$\$ \$\$ \$\$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	% %		\$ \$		· ·	5,2 7,5 7,5 91,5 79,8 747,8 147,3 86,9 218,4 167,4 4,5 23,4 107,0 29,5 999,3 183,7 101,8 200,2 183,7 101,8 200,2 102,7 45,5 227,5 27,5
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	% %		\$ \$		· ·	5; 7; 7; 10; 79; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 99; 183; 101; 42; 71; 200; 102; 102; 102; 102; 245; 227; 227; 227; 227; 227; 227; 227;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.117 8200.119 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joiesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$\$ \$\$ \$\$ \$\$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	% %		\$ \$		· ·	5;, 7;, 10,, 79, 91,, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 99, 183, 101, 42, 71, 200, 102, 102, 45, 227, 227, 227, 22, 22, 22, 22, 22, 22,
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.115 8200.128 8200.117 8200.115 8200.119 8200.164 8200.119 8200.164 8200.125 8200.146 8200.137 8200.138 8200.106 8200.127 8200.144 8200.136 8200.136 8200.134	Damages/ROW:Legal, Title, Etc.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:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:	\$\$ \$\$ \$\$ \$\$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	% %		\$ \$		· ·	5; 7; 7; 10; 79; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 99; 183; 101; 42; 71; 200; 102; 102; 102; 102; 245; 227; 227; 227; 227; 227; 227; 227;
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.115 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.119 8200.164 8200.125 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.144 8200.136 8200.134 8200.134 8200.135	Damages/ROW:Legal, Title, Etc.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:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:	\$\$ \$\$ \$\$ \$\$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544	· · · · · · · · · · · · · · · · · · ·		\$ \$		· · · · · · · · · · · · · · · · · · ·	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 183; 101; 42; 71; 200; 102; 102; 20; 227; 227; 27; 27; 27;
8200.111 8200.149 8200.152 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.115 8200.115 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.164 8200.125 8200.144 8200.137 8200.138 8200.107 8200.125 8200.144 8200.136 8200.136 8200.135 8200.135 8200.165	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	\$\$ \$\$ \$\$ \$\$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544 - 2,258	· · · · · · · · · · · · · · · · · · ·		\$ \$		· ·	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 183; 101; 29; 99; 183; 101; 200; 102; 102; 27; 27; 27; 27; 27; 27; 27; 22;
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.102 8200.104 8200.104 8200.104 8200.117 8200.128 8200.117 8200.169 8200.169 8200.170 8200.164 8200.158 8200.124 8200.137 8200.138 8200.137 8200.138 8200.125 8200.136 8200.127 8200.136 8200.136 8200.137 8200.138 8200.136 8200.135 8200.135 8200.135 8200.135 8200.135 8200.135 8200.135	Damages/ROW:Legal, Title, Etc.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:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:Drilling Overhead:	\$\$ \$\$ \$\$ \$\$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544	· · · · · · · · · · · · · · · · · · ·		\$ \$		· ·	5; 7; 10; 91; 79; 747; 147; 86; 218; 147; 86; 218; 167, 4; 23; 107, 29; 99; 183; 101; 42; 71; 200; 202; 27; 27; 27; 7; 7; 7; 7; 7; 7; 7; 7; 7;
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AFE # NM0117 - Royal Oak 25 Fed Com #503H

Intangible Completio	n	\$ -	\$ 6,294,997	\$ -	\$ 6,294,997
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	\$ -	\$ 111,338	\$ -	\$ 111,338
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 14,742	\$ -	\$ 14,742
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
TC	TAL INTANGIBLE COSTS >>>	\$ 2,856,908	\$ 6,294,997	\$ 249,376	\$ 9,401,281

TOTAL D&C&F COSTS >>>	\$ 4,049,990	\$ 6,583,684	\$ 1,065,027	\$ 11,698,701
TOTAL DACAF 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:_____



AFE: NM0121	Date:	May 15	5, 2023
Well Name: Royal Oak 25 Fed Com #504H	Projecte	ed MD/TVD:	19973 / 9650
Target: Bone Springs	:	Spud to TD:	13.3 days
County: Lea	Late	eral Length:	10,000
State: NM		Stages:	64
SHL: Sec: 25, T-18S, R-33E; 160 FNL, 1460 FEL	Total Prop	ppant (ppf):	2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 990 FEL	Total Fl	luid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #504H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 19973' 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

	TOTAL
DRILLING:	\$4,049,990
COMPLETIONS:	\$6,583,684
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,698,701

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	Date: Title:	S.V.P. Operations

Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit C-8

AFE # NM0121 - Royal Oak 25 Fed Com #504H

	TANGIBLE COSTS		Drilling		mpletion		Facilities		Total
ngible Drilling		\$	1,193,082	\$	-	\$	-	\$	1,193,08
8400.301	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302	Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,8
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	716,639	\$	-	\$	-	\$	716,63
8400.340	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,9
		\$	-	\$	-	\$	-	\$	
ngible Completion	•	\$	-	\$	288,687	\$	-	\$	288,68
8400.308	Tubing:	\$	_	\$	139,750	\$	-	\$	139,7
8400.340	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$		\$	41,096	\$		\$	41,0
0400.012		\$		\$	41,030	\$	-	\$	41,0
			-		-		-		045.0
ngible 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	\$	117,5
8400.328	Instrumentation/Meters:	\$	-	\$	-	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$		\$	-	\$		\$	00,2
8400.346	Electrical Facility:	\$		Ψ \$		\$		\$	
	Containment:		-	,	-		-		40.0
8400.347	-	\$	-	\$	-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$	
8400.315	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
		\$	-	\$	-	\$	-	\$	
	OTAL TANGIBLE COSTS >>>	\$	1,193,082	\$	288,687	\$	815,651	\$	2,297,4
-			.,	÷		•	0.0,001	Ý	_,,
	INTANGIBLE COSTS		Drilling	Co	mpletion		Facilities		Total
angible Drilling		\$	2,856,908	\$	· .	\$	-	\$	2,856,9
						IΨ			 ,000,0
8200 111	Survey Stake/Permit					\$	_		
8200.111	Survey, Stake/Permit:	\$	5,269	\$	-	\$ ¢	-	\$	5,2
8200.113	Damages/ROW:	\$	5,269 7,903	\$ \$	-	\$	-	\$ \$	5,2
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$ \$	5,269 7,903 10,538	\$ \$ \$	-	\$ \$	-	\$ \$ \$	5,2 7,9 10,9
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$ \$		\$ \$ \$	-	\$ \$ \$ \$	5,2 7,9 10,9 7,9
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$		\$ \$ \$ \$	- - - -	\$ \$ \$ \$	5,2 7,9 10,4 7,9 91,4
8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$	5,; 7,; 10,; 7,; 91,; 79;
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$	- - - - - -	\$ \$ \$ \$	5,; 7,; 10,; 7,; 91,; 79;
8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$	5, 7, 10, 7, 91, 79, 747,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$	- - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$	5,, 7,, 10,, 7,, 91,, 79,, 747,, 147,,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,: 7,9 10,4 7,1 91,4 79,4 747,4 147,5 86,9
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5, 7, 10, 7, 91, 79, 747, 147, 86, 218,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5, 7, 10, 7, 91, 79, 747, 147, 86, 218, 167,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5, 7, 10, 7, 91, 79, 747, 147, 147, 218, 167, 4,
8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5, 7, 10, 7, 91, 79, 747, 147, 147, 218, 167, 4, 23,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>5,; 7,9 10,; 91,; 79,; 747,; 147,; 147,; 218,; 167,; 4,; 23,; 107,;</td></t<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,; 7,9 10,; 91,; 79,; 747,; 147,; 147,; 218,; 167,; 4,; 23,; 107,;
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>5, 7, 10, 7, 91, 79, 747, 147, 147, 218, 167, 4, 223, 107, 29,</td></t<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5, 7, 10, 7, 91, 79, 747, 147, 147, 218, 167, 4, 223, 107, 29,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. 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:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>5;, 7;, 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 107, 29, 99,</td></t<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 107, 29, 99,
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ <t< td=""><td>- - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>5;, 7;, 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 107, 29, 99,</td></t<>	- - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 107, 29, 99,
8200.113 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 8200.164	Damages/ROW: Legal, Title, Etc. 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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 167; 23; 99; 183;
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisesl: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10, 91, 79, 747, 147, 218, 218, 167, 4, 23, 107, 29, 99, 183, 101,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10, 91, 79, 747, 147, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Pine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -	\$ \$ <td< td=""><td>5; 7; 7; 10; 79; 79; 747; 147; 86; 218; 167; 4; 23; 167; 99; 99; 183; 101; 42; 71;</td></td<>	5; 7; 7; 10; 79; 79; 747; 147; 86; 218; 167; 4; 23; 167; 99; 99; 183; 101; 42; 71;
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.170 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10, 91, 79, 747, 147, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.158 8200.158 8200.124 8200.137 8200.138 8200.106	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10,, 91,, 79, 747,; 147,; 147,; 218, 167, 4,, 23, 107, 29,, 99,3, 183, 101,, 42,; 71,; 200,; 102,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10,, 91,, 79, 747,, 147,; 147,; 86, 218, 167, 4, 23, 107, 29, 99, 99, 183, 101, 42, 71, 200, 102, 102, 45,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.117 8200.169 8200.170 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 7; 10, 91, 79, 747, 147, 86, 218, 167, 4, 23, 107, 29, 99, 3183, 101, 42, 71, 200, 102, 102, 102, 102, 2, 45, 2, 2,
8200.113 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 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 99; 183; 101; 42; 71; 200; 102; 102; 102; 102; 245; 227;
8200.113 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 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:Consulting Servi	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5;, 7;, 10,, 91,, 79, 747,, 147,; 147,; 86, 218, 167, 4, 23, 107, 29, 99, 99, 183, 101, 42, 71, 200, 102, 102, 45, 227, 227, 227, 27,
8200.113 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 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Contract Labor:Roustabout Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 30; 103; 101; 29; 20; 20; 103; 101; 20; 20; 20; 20; 20; 20; 20; 20; 20; 20
8200.113 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 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:Consulting Servi	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 7; 10; 91; 79; 747; 147; 86; 218; 167; 4; 23; 107; 29; 99; 30; 103; 101; 29; 20; 20; 103; 101; 20; 20; 20; 20; 20; 20; 20; 20; 20; 20
8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Consulting Services:Contract Labor:Roustabout Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10, 7, 91, 79, 747, 147, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 227, 227, 227, 2, 2,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.138 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136	Damages/ROW:Legal, Title, Etc.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:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5, 7, 10, 7, 91, 79, 747, 147, 147, 147, 218, 167, 4, 218, 167, 4, 23, 107, 29, 99, 183, 101, 101, 200, 102, 102, 227, 227, 227, 22, 22, 22, 22, 22, 22
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.119 8200.164 8200.158 8200.164 8200.137 8200.138 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.134	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10, 7, 91, 79, 747, 147, 147, 86, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 45, 227, 227, 227, 2, 2,
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.119 8200.164 8200.158 8200.164 8200.125 8200.138 8200.125 8200.125 8200.144 8200.127 8200.127 8200.168 8200.136 8200.134 8200.135	Damages/ROW:Legal, Title, Etc.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:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10, 7, 91, 79, 747, 147, 147, 147, 147, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 102, 102, 45, 2, 227, 27, 27, 7, 5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.119 8200.164 8200.125 8200.144 8200.138 8200.106 8200.125 8200.144 8200.127 8200.136 8200.134 8200.135 8200.135	Damages/ROW:Legal, Title, Etc.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:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544 - 2,258	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10, 7, 91, 79, 747, 147, 147, 218, 167, 4, 23, 107, 29, 99, 183, 101, 200, 102, 102, 45, 2, 227, 27, 27, 27, 27, 27, 2, 7, 5, 22, 27, 22,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.164 8200.124 8200.138 8200.125 8200.144 8200.125 8200.144 8200.127 8200.168 8200.136 8200.135 8200.147	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Diesel:Mud - Joisesl:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Contract Labor:Roustabout Services:Contract Labor:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:Drilling Overhead:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10, 79, 79, 747, 147, 147, 86, 218, 218, 167, 4, 23, 107, 29, 99, 183, 101, 42, 71, 200, 20, 102, 45, 227, 27, 27, 27, 27, 2, 7, 4, 5, 22, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.119 8200.164 8200.125 8200.144 8200.138 8200.106 8200.125 8200.144 8200.127 8200.136 8200.134 8200.135 8200.135	Damages/ROW:Legal, Title, Etc.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:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 747,836 147,341 86,920 218,427 167,419 4,967 23,458 107,021 29,566 99,261 183,135 101,812 42,800 71,888 200,213 102,761 45,311 2,400 227,596 27,283 2,150 - 7,544 - 2,258	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5; 7; 10; 79; 79; 747; 147; 86; 218; 147; 86; 218; 147; 23; 147; 23; 107; 29; 99; 183; 101; 42; 71; 200; 200; 200; 2102; 71; 200; 27; 27; 27; 27; 27; 27; 24; 227; 44

AFE # NM0121 - Royal Oak 25 Fed Com #504H

Intangible Completic	n	\$ -	\$ 6,294,997	\$ -	\$ 6,294,997
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	\$ -	\$ 111,338	\$ -	\$ 111,338
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 14,742	\$ -	\$ 14,742
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
	TAL INTANGIBLE COSTS >>>	\$ 2,856,908	\$ 6,294,997	\$ 249,376	\$ 9,401,281

TOTAL D&C&F COSTS >>>	\$ 4,049,990	\$ 6,583,684	\$ 1,065,027	\$ 11,698,701
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:_____



AFE:	NM0098	Date:	May 1	5, 2023
Well Name:	Royal Oak 25 Fed Com #601H	Projected MD	/TVD:	20473 / 10150
Target:	Bone Springs	Spud	to TD:	13.6 days
County:	Lea	Lateral Le	ength:	10,000
State:	NM	S	tages:	64
SHL:	Sec: 25, T-18S, R-33E; 320 FNL, 1320 FWL	Total Proppant	(ppf):	2,500
BHL:	Sec: 36, T-18S, R-33E; 100 FSL, 990 FWL	Total Fluid (g	gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #601H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 20473' 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

	TOTAL
DRILLING:	\$4,096,197
COMPLETIONS:	\$6,591,877
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,753,101

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	Date: Title:	S.V.P. Operations Case Nos. 24543 & 24544

AFE # NM0098 - Royal Oak 25 Fed Com #601H

	TANGIBLE COSTS		Drilling	Con	npletion		Facilities		Total
angible Drilling		\$	1,210,943	\$	-	\$	-	\$	1,210,94
8400.301 S	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302 Ir	ntermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,8
	ntermediate2 Casing:	\$	-	\$	-	\$	-	\$,.
	Production Casing:	\$	734,500	\$		\$		\$	734,50
	Vellhead Equipment:	_	56,903		-	\$		φ \$	
0400.340 V	vennead Equipment.	\$	56,903	\$	-	· ·	-		56,90
maible Completion		\$	-	\$	-	\$	-	\$	000.00
ingible Completion		\$	-	\$	296,064	\$	-	\$	296,06
	ubing:	\$	-	\$	147,127	\$	-	\$	147,1
8400.340 W	Vellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,8
8400.312 A	rtificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,0
		\$	-	\$	-	\$	-	\$	
angible Facility		\$	-	\$	-	\$	815,651	\$	815,6
	/essels:	\$		\$		\$	155,381	₽ \$	155,3
		_	-		-	· ·			
	anks:	\$	-	\$	-	\$	71,306	\$	71,3
	lare:	\$	-	\$	-	\$	19,963	\$	19,9
	Compressors:	\$	-	\$	-	\$	13,912	\$	13,9
8400.316 P	Pipe/Valves/Fittings:	\$	-	\$	-	\$	117,518	\$	117,5
8400.328 Ir	nstrumentation/Meters:	\$	-	\$	-	\$	36,201	\$	36,2
	ACT Unit:	\$	-	\$	-	\$	-	\$,
	Electrical Facility:								
		\$	-	\$	-	\$	-	\$	10.4
	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
	Pipelines:	\$	-	\$	-	\$	-	\$	
8400.315 F	lowlines:	\$	-	\$	-	\$	-	\$	
8400.350 lr	nstrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
		\$	-	\$	-	\$	-	\$,
TO	TAL TANGIBLE COSTS >>>		1,210,943	•	296,064	\$	815,651	\$	2,322,6
10	TAL TANGIBLE COSTS >>>	φ	1,210,943	φ	290,004	φ	015,051	φ	2,322,0
	INTANGIBLE COSTS	1	Drilling	Con	npletion		Facilities		Total
angible Drilling	INTANGIBLE COSTS	\$	2,885,254	\$	inpletion	\$		\$	2,885,2
	hum verve Otel ve /De mesite	- · ·			-		-	· ·	
	Survey, Stake/Permit:	\$	5,269	\$	-	\$	-	\$	5,2
)amages/ROW:	\$	7,903	\$	-	\$	-	\$	7,9
8200.149 L	egal, Title, Etc.	\$	10,538	\$		\$	-	\$	10,5
0200.149 L	eyal, The, Elo.	φ	10,556	Φ	-			Ψ	
	Vell Control Insurance:	\$	7,903	\$ \$	-	\$	-	\$	
8200.152 W		\$	7,903	\$	-	\$	-	\$	7,9
8200.152 W 8200.112 L	Vell Control Insurance: ocation:	\$ \$	7,903 91,542	\$ \$	-	\$ \$	-	\$ \$	7,9 91,5
8200.152 W 8200.112 L 8200.103 R	Vell Control Insurance: ocation: Rig Move:	\$ \$ \$	7,903 91,542 79,822	\$ \$ \$	-	\$ \$ \$	-	\$ \$ \$	7,9 91,5 79,8
8200.152 W 8200.112 L 8200.103 R 8200.102 D	Vell Control Insurance: ocation: Rig Move: rrilling Daywork:	\$ \$ \$ \$	7,903 91,542 79,822 759,602	\$ \$ \$ \$	-	\$ \$ \$ \$	- - -	\$	7,9 91,8 79,8 759,6
8200.152 W 8200.112 L 8200.103 R 8200.102 D 8200.104 F	Vell Control Insurance: ocation: kig Move: prilling Daywork: uel/Power:	\$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123	\$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$	- - - -	\$\$ \$\$ \$\$ \$	7,9 91,4 79,1 759,1 150,
8200.152 W 8200.112 L 8200.103 R 8200.102 D 8200.104 F 8200.116 B	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: fuel/Power: bits & BHA:	\$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$	7,9 91,4 79,4 759,6 150, 87,7
8200.152 W 8200.112 L 8200.103 R 8200.102 D 8200.104 F 8200.116 B 8200.128 D	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: fuel/Power: bits & BHA: Directional:	\$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123	\$ \$ \$ \$ \$ \$	- - - - - - - -	\$ \$ \$ \$	- - - - - -	\$\$ \$\$ \$\$ \$	7,9 91,4 79,4 759,6 150, 87,7
8200.152 W 8200.112 L 8200.103 R 8200.102 D 8200.104 F 8200.116 B 8200.128 D	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: fuel/Power: bits & BHA:	\$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	- - - - - - -	\$\$ \$\$ \$\$ \$\$	7,9 91,4 79,4 759,1 150, 87, 220,9
8200.152 W 8200.112 L 8200.103 R 8200.102 D 8200.104 F 8200.116 B 8200.128 D 8200.117 M	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: fuel/Power: bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,9 91,1 79,1 759,1 150, 87,1 220,1 168,1
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.116 B 8200.128 D 8200.117 M 8200.115 M	Vell Control Insurance: ocation: tig Move: Drilling Daywork: 'uel/Power: bits & BHA: Directional: Aud & Chemicals: Aud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,9 91,1 79,1 759,1 150, 87, 220,9 168,5 5,1
8200.152 W 8200.112 L 8200.103 R 8200.102 D 8200.104 F 8200.116 B 8200.128 D 8200.128 D 8200.117 M 8200.115 M 8200.169 M	Vell Control Insurance: ocation: itig Move: Drilling Daywork: 'uel/Power: itis & BHA: Directional: /ud & Chemicals: /ud - Drill Water: /ud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 91,4 79,6 759,6 150,7 87,7 220,9 168,5 168,5 5,6 23,4
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.116 B 8200.128 D 8200.117 M 8200.115 M 8200.169 M 8200.170 M	Vell Control Insurance: ocation: tig Move: Drilling Daywork: 'uel/Power: bits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud Brine: Aud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 91,4 759,6 150,7 87,7 220,9 168,5 5,6 23,4 107,0
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.105 D 8200.116 B 8200.128 D 8200.117 M 8200.115 M 8200.169 M 8200.170 M 8200.119 M	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: iuel/Power: iits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diesel: Aud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,9 91,3 759,1 150, 87, 220,3 168,3 5,1 23,2 107,1 29,
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.116 B 8200.128 D 8200.128 D 8200.117 M 8200.115 M 8200.169 M 8200.170 M 8200.119 M	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: iuel/Power: ists & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diesel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 91,3 759,6 150,7 220,5 168,5 168,5 5,6 23,4 107,6 29,7 100,7
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.105 D 8200.106 B 8200.107 M 8200.115 M 8200.169 M 8200.170 M 8200.119 M 8200.164 S 8200.158 D	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: iuel/Power: ists & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diesel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 91,3 759,6 150,7 220,5 168,5 168,5 5,6 23,4 107,6 29,7 100,7
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.105 D 8200.106 B 8200.107 M 8200.115 M 8200.169 M 8200.170 M 8200.119 M 8200.164 S 8200.158 D	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: iuel/Power: ists & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diesel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 91,542 79,822 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	(b) (c) (c) <td>7,5 91,3 759,6 150,7 87,7 220,9 168,3 168,3 5,0 23,4 107,0 29,7 100,7 183,7</td>	7,5 91,3 759,6 150,7 87,7 220,9 168,3 168,3 5,0 23,4 107,0 29,7 100,7 183,7
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.105 D 8200.106 B 8200.116 B 8200.128 D 8200.128 D 8200.117 M 8200.115 M 8200.169 M 8200.170 M 8200.119 M 8200.164 S 8200.158 D 8200.124 E	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: bits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diresel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$ \$ \$	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 91,5 79,6 759,6 150,7 220,5 168,5 168,5 5,6 23,4 107,6 29,7 100,7 183,7 103,4
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.104 F 8200.104 B 8200.104 D 8200.104 D 8200.104 D 8200.105 D 8200.128 D 8200.117 M 8200.169 M 8200.169 M 8200.119 M 8200.164 S 8200.158 D 8200.124 E 8200.146 M	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: Uirel/Power: Sits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Direll Water: Aud - Diesel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Aancamp:	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ <td< td=""><td>7,5 91,3 759,6 150, 87,7 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,7</td></td<>	7,5 91,3 759,6 150, 87,7 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,7
8200.152 W 8200.112 Li 8200.103 R 8200.104 F 8200.105 D 8200.128 D 8200.115 M 8200.169 M 8200.169 M 8200.119 M 8200.164 S 8200.158 D 8200.124 E 8200.146 M 8200.137 C	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: Uuel/Power: Sits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diresel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Aancamp: Casing Services:	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ <td< td=""><td>7,5 91,3 759,6 150, 87,7 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,7</td></td<>	7,5 91,3 759,6 150, 87,7 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,7
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.104 F 8200.104 B 8200.104 D 8200.104 D 8200.104 D 8200.105 D 8200.117 M 8200.169 M 8200.169 M 8200.119 M 8200.164 S 8200.158 D 8200.124 E 8200.137 C 8200.138 C	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: Uuel/Power: Sits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diresel: Aud - Diresel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Siguipment Rental: Aancamp: Casing Services: Cementing:	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213	\$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ <td< td=""><td>7,5 91,3 759,6 150,- 87,- 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,- 71,5 200,2</td></td<>	7,5 91,3 759,6 150,- 87,- 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,- 71,5 200,2
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.104 F 8200.104 B 8200.104 B 8200.104 B 8200.104 B 8200.104 B 8200.116 B 8200.117 M 8200.169 M 8200.169 M 8200.119 M 8200.164 S 8200.158 D 8200.124 E 8200.124 E 8200.137 C 8200.138 C 8200.138 C 8200.138 C 8200.106 T	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: Sits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diresel: Aud - Diresel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Siguipment Rental: Aancamp: Casing Services: Cementing: iransportation:	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - - - - - - - - - - - - - - - - - -</td><td>\$\mathcal{S}\$ \$\mathcal{S}\$ \$\mathcal{S}\$<</td><td>7,5 91,3 759,6 150,- 87,- 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 103,4 103,4 103,4 200,2 104,5 200,2</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\mathcal{S}\$ \$\mathcal{S}\$<	7,5 91,3 759,6 150,- 87,- 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 103,4 103,4 103,4 200,2 104,5 200,2
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.104 F 8200.104 F 8200.104 B 8200.104 F 8200.104 F 8200.104 F 8200.128 D 8200.128 D 8200.115 M 8200.169 M 8200.169 M 8200.164 S 8200.164 S 8200.158 D 8200.124 E 8200.124 E 8200.137 C 8200.138 C 8200.138 C 8200.106 T 8200.125 Irr	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: Viel/Power: Viel/	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$\$ \$\$<</td><td>7,5 91,3 759,6 150,- 87,- 220,9 168,3 5,0 23,4 107,0 29,7 100,7 100,7 103,4 43,7 71,5 200,2 104,5</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	7,5 91,3 759,6 150,- 87,- 220,9 168,3 5,0 23,4 107,0 29,7 100,7 100,7 103,4 43,7 71,5 200,2 104,5
8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.104 F 8200.104 F 8200.104 B 8200.104 F 8200.104 F 8200.104 B 8200.105 D 8200.117 M 8200.169 M 8200.169 M 8200.164 S 8200.164 S 8200.158 D 8200.124 E 8200.124 E 8200.137 C 8200.138 C 8200.138 C 8200.125 Ir 8200.125 Ir 8200.125 Ir	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: Viuel/Power: Viuel/Pow	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - - - - - - - - - - - - - - - - - -</td><td>\$\mathcal{S}\$ \$\mathcal{S}\$ \$\mathcal{S}\$<</td><td>7,5 91,5 759,6 150,- 220,5 168,5 5,0 23,4 107,0 29,7 100,7 100,7 103,4 43,7 71,5 200,2 104,5</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\mathcal{S}\$ \$\mathcal{S}\$<	7,5 91,5 759,6 150,- 220,5 168,5 5,0 23,4 107,0 29,7 100,7 100,7 103,4 43,7 71,5 200,2 104,5
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8200.152 W 8200.112 Li 8200.103 R 8200.102 D 8200.104 F 8200.104 F 8200.104 F 8200.116 B 8200.128 D 8200.117 M 8200.115 M 8200.169 M 8200.164 S 8200.164 S 8200.164 S 8200.124 E 8200.124 E 8200.125 D 8200.137 C 8200.138 C 8200.138 C 8200.125 Ir 8200.125 Ir 8200.125 Ir 8200.144 C 8200.107 C	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: Viuel/Power: Viuel/Pow	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 91,5 759,6 150,- 220,5 168,5 5,0 23,4 107,0 29,7 100,7 100,7 103,4 43,7 71,5 200,2 104,5 20,2 23,6
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8200.152 W 8200.103 R 8200.102 D 8200.104 F 8200.105 D 8200.128 D 8200.117 M 8200.169 M 8200.169 M 8200.164 S 8200.164 S 8200.164 S 8200.164 S 8200.124 E 8200.125 Ir 8200.138 C 8200.125 Ir 8200.125 Ir 8200.125 Ir 8200.125 Ir 8200.125 Ir 8200.125 Ir 8200.126 R 8200.127 C 8200.136 M 8200.136 M 8200.136 S 8200.135 C <td>Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: bits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diresel: Aud - Diesel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Aancamp: Casing Services: Cementing: Transportation: nspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Contract Labor: Roustabout Services: Audlogging: Seo-Steering: Open Hole Logging: Coring & Analysis: Safety & Environmental:</td> <td>\$\$ \$\$<</td> <td>7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589 - 2,288</td> <td>\$ \$</td> <td></td> <td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td>- - - - - - - - -</td> <td>\$\$ \$\$<</td> <td>7,5 91,5 79,6 759,6 150,1 220,5 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,5 200,2 21,0 45,3 2,4 231,6 27,2 2,1</td>	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: bits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diresel: Aud - Diesel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Aancamp: Casing Services: Cementing: Transportation: nspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Contract Labor: Roustabout Services: Audlogging: Seo-Steering: Open Hole Logging: Coring & Analysis: Safety & Environmental:	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589 - 2,288	\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$\$ \$\$<	7,5 91,5 79,6 759,6 150,1 220,5 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,5 200,2 21,0 45,3 2,4 231,6 27,2 2,1
8200.152 W 8200.103 R 8200.102 D 8200.104 F 8200.104 F 8200.104 F 8200.104 F 8200.104 F 8200.104 F 8200.105 D 8200.128 D 8200.128 D 8200.129 M 8200.169 M 8200.164 S 8200.164 S 8200.164 S 8200.124 E 8200.124 E 8200.125 Ir 8200.138 C 8200.125 Ir 8200.125 Ir 8200.125 Ir 8200.125 Ir 8200.127 C 8200.126 R 8200.127 C 8200.136 R 8200.136 K 8200.136 S 8200.134 C 8200.135 C 8200.135 S	Vell Control Insurance: ocation: Rig Move: Drilling Daywork: iuel/Power: bits & BHA: Directional: Aud & Chemicals: Aud - Drill Water: Aud - Drill Water: Aud - Diesel: Aud - Diesel: Aud - Diesel: Aud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Aancamp: Casing Services: Cementing: Transportation: nspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Contract Labor: Roustabout Services: Contract Labor: Consulting Services:	\$\$ \$\$<	7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589 -	\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	7,5 91,5 759,6 150,1 87,1 220,5 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 71,5 200,2 201,2 231,6 27,2 2,1 7,5
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AFE # NM0098 - Royal Oak 25 Fed Com #601H

Intangible Completion	n	\$ -	\$ 6,295,813	\$ -	\$ 6,295,813
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	\$ -	\$ 111,654	\$ -	\$ 111,654
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 15,242	\$ -	\$ 15,242
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
	TAL INTANGIBLE COSTS >>>	\$ 2,885,254	\$ 6,295,813	\$ 249,376	\$ 9,430,443

TOTAL D&C&F COSTS >>>	\$ 4,096,197	\$ 6,591,877	\$ 1,065,027	\$ 11,753,101
TOTAL DACAP 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:_____



AFE: NM0114	Date: May 1	5, 2023
Well Name: Royal Oak 25 Fed Com #602H	Projected MD/TVD:	20473 / 10150
Target: Bone Springs	Spud to TD:	13.6 days
County: Lea	Lateral Length:	10,000
State: NM	Stages:	64
SHL: Sec: 25, T-18S, R-33E; 160 FNL, 1320 FWL	Total Proppant (ppf):	2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 2310 FWL	Total Fluid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #602H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 20473' 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

	TOTAL
DRILLING:	\$4,096,197
COMPLETIONS:	\$6,591,877
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,753,101

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	Date: Title:	S.V.P. Operations Case Nos. 24543 & 24544

AFE # NM0114 - Royal Oak 25 Fed Com #602H

	TANGIBLE COSTS		Drilling		pletion		Facilities		Total
ingible Drilling		\$	1,210,943	\$	-	\$	-	\$	1,210,94
8400.301	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302	Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,85
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	734,500	\$	-	\$	-	\$	734,50
	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,90
		\$	-	\$	_	\$	-	\$	
ngible Completion		\$	-		296,064	\$	-	\$	296,06
-	Tubing		-				-		
	Tubing:	\$	-	\$	147,127	\$	-	\$	147,12
	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,84
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,09
		\$	-	\$	-	\$	-	\$	
ngible Facility		\$	-	\$	-	\$	815,651	\$	815,65
8400.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,3
8400.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,3
8400.343	Flare:	\$	-	\$	-	\$	19,963		19,9
	Compressors:	\$		\$		\$	13,912		13,9
	Pipe/Valves/Fittings:	\$		φ \$	-	\$	117,518	φ \$	117,5
	Instrumentation/Meters:		-		-				
8400.328		\$	-	\$	-	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$	-	\$	-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$	
	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$		\$		\$	352,891	\$	352,8
0400.000			-	•			552,031		552,0
		\$	-	\$	-	\$	-	\$	
I	OTAL TANGIBLE COSTS >>>	\$	1,210,943	\$ 2	296,064	\$	815,651	\$	2,322,6
	INTANCIDI E COSTO		Deilline	0			F = - 11141 = -		T - 4 - 1
	INTANGIBLE COSTS		Drilling	Con	pletion		Facilities		Total
			0 005 054	•				•	
		\$	2,885,254	\$	-	\$	-	\$	2,885,2
8200.111	Survey, Stake/Permit:	\$	5,269	\$	-	\$	-	\$	5,2
8200.111 8200.113	Damages/ROW:				-		-	•	2,885,2 5,2 7,9
8200.111 8200.113		\$	5,269	\$		\$	- - -	\$	5,2
8200.111 8200.113 8200.149	Damages/ROW:	\$	5,269 7,903	\$		\$ \$	- - - - -	\$ \$	5,2 7,9 10,5
8200.111 8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc.	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$	-	\$ \$ \$	- - - - -	\$ \$ \$	5,2 7,9 10,5 7,9
8200.111 8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602	\$ \$ \$ \$ \$ \$ \$	• • • • • • •	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,6 759,6 150,1
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,6 759,6 150,1 87,1 220,9
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - - - - - - - - - - - - - - - - - -</td><td>\$\$ \$\$<</td><td>5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$		\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Piesel: Mud - Auxiliary:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7
8200.111 8200.113 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dill Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirll Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.119 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirll Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,5 10,5 79,5 759,6 150,1 87,1 220,5 168,3 5,6 23,4 107,6 29,7 100,7 103,7 103,4 43,1 71,5</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,5 10,5 79,5 759,6 150,1 87,1 220,5 168,3 5,6 23,4 107,6 29,7 100,7 103,7 103,4 43,1 71,5
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>· ·</td><td>5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 7,1,9 200,2</td></td<>		\$\$ \$\$<		· ·	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 7,1,9 200,2
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diil Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 71,9 200,2 104,3</td></td<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 71,9 200,2 104,3
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$\$ \$\$ \$\$		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3
8200.111 8200.113 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 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400	\$\$\$ \$\$ \$\$		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud & Chemicals: Mud - Diresel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619	\$\$ \$\$ <td< td=""><td></td><td>S S</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,6 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7,1,9 200,2 104,3 45,3 2,4 231,6</td></td<>		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7,1,9 200,2 104,3 45,3 2,4 231,6
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8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.136 8200.136 8200.134 8200.135 8200.147	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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: Drilling Overhead:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589	\$\$\$ \$\$ \$\$		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 2,4 231,6 27,2 2,1 7,5 2,2 4,6
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AFE # NM0114 - Royal Oak 25 Fed Com #602H

Intangible Completic	n	\$ -	\$ 6,295,813	\$ -	\$ 6,295,813
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	\$ -	\$ 111,654	\$ -	\$ 111,654
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 15,242	\$ -	\$ 15,242
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
	TAL INTANGIBLE COSTS >>>	\$ 2,885,254	\$ 6,295,813	\$ 249,376	\$ 9,430,443

TOTAL D&C&F COSTS >>>	\$ 4,096,197	\$ 6,591,877	\$ 1,065,027	\$ 11,753,101
TOTAL DACAF 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:_____



AFE:	NM0118	Date:	May 1	5, 2023
Well Name:	Royal Oak 25 Fed Com #603H	Projected MD,	/TVD:	20473 / 10150
Target:	Bone Springs	Spud t	to TD:	13.6 days
County:	Lea	Lateral Le	ength:	10,000
State:	NM	St	tages:	64
SHL:	Sec: 25, T-18S, R-33E; 320 FNL, 1440 FEL	Total Proppant	(ppf):	2,500
BHL:	Sec: 36, T-18S, R-33E; 100 FSL, 1650 FEL	Total Fluid (g	al/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #603H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 20473' 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

	TOTAL
DRILLING:	\$4,096,197
COMPLETIONS:	\$6,591,877
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,753,101

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	Date: Title: S.V.P. Operations Case Nos. 24543 &

Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit C-8

AFE # NM0118 - Royal Oak 25 Fed Com #603H

	TANGIBLE COSTS		Drilling		pletion		Facilities		Total
ingible Drilling		\$	1,210,943	\$	-	\$	-	\$	1,210,94
8400.301	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302	Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,85
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	734,500	\$	-	\$	-	\$	734,50
	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,90
		\$	-	\$	_	\$	-	\$	
ngible Completion		\$	-		296,064	\$	-	\$	296,06
-	Tubing		-				-		
	Tubing:	\$	-	\$	147,127	\$	-	\$	147,12
	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,84
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,09
		\$	-	\$	-	\$	-	\$	
ngible Facility		\$	-	\$	-	\$	815,651	\$	815,65
8400.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,3
8400.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,3
8400.343	Flare:	\$	-	\$	-	\$	19,963		19,9
	Compressors:	\$		\$		\$	13,912		13,9
	Pipe/Valves/Fittings:	\$		φ \$	-	\$	117,518	φ \$	117,5
	Instrumentation/Meters:		-		-				
8400.328		\$	-	\$	-	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$	-	\$	-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$	
	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$		\$		\$	352,891	\$	352,8
0400.000			-	•			552,031		552,0
		\$	-	\$	-	\$	-	\$	
I	OTAL TANGIBLE COSTS >>>	\$	1,210,943	\$ 2	296,064	\$	815,651	\$	2,322,6
	INTANCIDI E COSTO		Deilline	0			F 11141		T - 4 - 1
	INTANGIBLE COSTS		Drilling	Con	pletion		Facilities		Total
			0 005 054	•				•	
		\$	2,885,254	\$	-	\$	-	\$	2,885,2
8200.111	Survey, Stake/Permit:	\$	5,269	\$	-	\$	-	\$	5,2
8200.111 8200.113	Damages/ROW:				-		-	•	2,885,2 5,2 7,9
8200.111 8200.113		\$	5,269	\$		\$	- - -	\$	5,2
8200.111 8200.113 8200.149	Damages/ROW:	\$	5,269 7,903	\$	- - - -	\$ \$	- - - - -	\$ \$	5,2 7,9 10,5
8200.111 8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc.	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$	-	\$ \$ \$	- - - - -	\$ \$ \$	5,2 7,9 10,5 7,9
8200.111 8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602	\$ \$ \$ \$ \$ \$ \$	• • • • • • •	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,6 759,6 150,1
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,6 759,6 150,1 87,1 220,9
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$		\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Piesel: Mud - Auxiliary:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7
8200.111 8200.113 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dill Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirll Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.119 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirll Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,5 10,5 79,5 759,6 150,1 87,1 220,5 168,3 5,6 23,4 107,6 29,7 100,7 103,7 103,4 43,1 71,5</td></td<>		\$\$ \$\$<		\$ \$	5,2 7,5 10,5 79,5 759,6 150,1 87,1 220,5 168,3 5,6 23,4 107,6 29,7 100,7 103,7 103,4 43,1 71,5
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>· ·</td><td>5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 7,1,9 200,2</td></td<>		\$\$ \$\$<		· ·	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 7,1,9 200,2
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diil Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$\$ \$\$ \$\$\$ \$\$ \$\$\$ <		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 71,9 200,2 104,3
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$\$ \$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3</td></td<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3
8200.111 8200.113 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 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4</td></td<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud & Chemicals: Mud - Diresel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619	\$\$ \$\$ <td< td=""><td></td><td>S S</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,6 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7,1,9 200,2 104,3 45,3 2,4 231,6</td></td<>		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7,1,9 200,2 104,3 45,3 2,4 231,6
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283	\$\$ \$\$ <td< td=""><td></td><td>S S</td><td></td><td>\$ \$ \$ \$</td><td>5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2</td></td<>		S S		\$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2
8200.111 8200.113 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 8200.164 8200.158 8200.164 8200.125 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 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 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 100,7 100,7 100,7 100,2 2,0,2 104,3 200,2 2,1 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 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 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2 2,1
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8200.111 8200.113 8200.149 8200.152 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.169 8200.119 8200.164 8200.158 8200.164 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.134 8200.135	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589	\$\$\$ \$\$ \$\$		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7103,4 43,1 7103,4 43,1 7103,4 43,1 71,5 200,2 104,3 2,4 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.119 8200.164 8200.124 8200.144 8200.137 8200.138 8200.106 8200.127 8200.144 8200.136 8200.136 8200.134 8200.135 8200.165	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud & Chemicals: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589 - 7,589	\$\$\$ \$\$ \$\$		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146 8200.125 8200.144 8200.107 8200.127 8200.136 8200.136 8200.134 8200.135 8200.147	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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: Drilling Overhead:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589	\$\$\$ \$\$ \$\$		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 2,4 231,6 27,2 2,1 7,5 2,2 4,6
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.169 8200.119 8200.164 8200.158 8200.164 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.144 8200.136 8200.136 8200.135 8200.147 8200.148	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud & Chemicals: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589 - 7,589	\$\$\$ \$\$ \$\$		Solution	- - - - - - - - - - - - - - - - - - -		5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7,1,9 200,2 104,3 2,4 231,6 27,2 2,1 7,5 7,5

AFE # NM0118 - Royal Oak 25 Fed Com #603H

Intangible Completic	n	\$ -	\$ 6,295,813	\$ -	\$ 6,295,813
8300.205	Location & Roads:	\$ -	\$ 5,294	\$ -	\$ 5,294
8300.216	Cased Hole Logs & Surveys	\$ -	\$ -,_0 -	\$ -	\$
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	\$ -	\$ 111,654	\$ -	\$ 111,654
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 15,242	\$ -	\$ 15,242
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
TC	TAL INTANGIBLE COSTS >>>	\$ 2,885,254	\$ 6,295,813	\$ 249,376	\$ 9,430,443

TOTAL D&C&F COSTS >>>	\$ 4,096,197	\$ 6,591,877	\$ 1,065,027	\$ 11,753,101
TOTAL DACAP 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:_____



AFE:	NM0122	Date:	May 1	5, 2023
Well Name:	Royal Oak 25 Fed Com #604H	Projected MD	/TVD:	20473 / 10150
Target:	Bone Springs	Spud t	to TD:	13.6 days
County:	Lea	Lateral Le	ength:	10,000
State:	NM	St	tages:	64
SHL:	Sec: 25, T-18S, R-33E; 160 FNL, 1440 FEL	Total Proppant	(ppf):	2,500
BHL:	Sec: 36, T-18S, R-33E; 100 FSL, 330 FEL	Total Fluid (g	al/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 Fed Com #604H, a 2 section Bone Springs horizontal well to be drilled in Lea County, NM. The well is a 3 string casing design consisting of the following: 17.5" surface hole drilled on Fresh to 1300' and 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Brine to 5300' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 20473' 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

	TOTAL
DRILLING:	\$4,096,197
COMPLETIONS:	\$6,591,877
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$11,753,101

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	Date: Title:	S.V.P. Operations Case Nos. 24543 & 24544

Avant Operating, LLC - Exhibit C-8

AFE # NM0122 - Royal Oak 25 Fed Com #604H

	TANGIBLE COSTS		Drilling		pletion		Facilities		Total
ingible Drilling		\$	1,210,943	\$	-	\$	-	\$	1,210,94
8400.301	Surface Casing:	\$	101,687	\$	-	\$	-	\$	101,68
8400.302	Intermediate1 Casing:	\$	317,853	\$	-	\$	-	\$	317,85
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	734,500	\$	-	\$	-	\$	734,50
	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,90
		\$	-	\$	_	\$	-	\$	
ngible Completion		\$	-		296,064	\$	-	\$	296,06
-	Tubing		-				-		
	Tubing:	\$	-	\$	147,127	\$	-	\$	147,12
	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,84
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,09
		\$	-	\$	-	\$	-	\$	
ngible Facility		\$	-	\$	-	\$	815,651	\$	815,65
8400.341	Vessels:	\$	-	\$	-	\$	155,381	\$	155,3
8400.342	Tanks:	\$	-	\$	-	\$	71,306	\$	71,3
8400.343	Flare:	\$	-	\$	-	\$	19,963		19,9
	Compressors:	\$		\$		\$	13,912		13,9
	Pipe/Valves/Fittings:	\$		φ \$	-	\$	117,518	\$	117,5
	Instrumentation/Meters:		-		-				
8400.328		\$	-	\$	-	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$	-	\$	-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$	
	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$		\$		\$	352,891	\$	352,8
0400.000			-	•			552,031		552,0
		\$	-	\$	-	\$	-	\$	
I	OTAL TANGIBLE COSTS >>>	\$	1,210,943	\$ 2	296,064	\$	815,651	\$	2,322,6
	INTANCIDI E COSTO		Deilline	0			F 11141		T - 4 - 1
	INTANGIBLE COSTS		Drilling	Con	pletion		Facilities		Total
			0 005 054	•				•	
		\$	2,885,254	\$	-	\$	-	\$	2,885,2
8200.111	Survey, Stake/Permit:	\$	5,269	\$	-	\$	-	\$	5,2
8200.111 8200.113	Damages/ROW:				-		-	•	2,885,2 5,2 7,9
8200.111 8200.113		\$	5,269	\$		\$	- - -	\$	5,2
8200.111 8200.113 8200.149	Damages/ROW:	\$	5,269 7,903	\$	- - - -	\$ \$	- - - - -	\$ \$	5,2 7,9 10,5
8200.111 8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc.	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$	-	\$ \$ \$	- - - - -	\$ \$ \$	5,2 7,9 10,5 7,9
8200.111 8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602	\$ \$ \$ \$ \$ \$ \$	• • • • • • •	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,6 759,6 150,1
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,6 759,6 150,1 87,1 220,9
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3
8200.111 8200.113 8200.149 8200.152 8200.103 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - - - - - - - - - - - - - - - - - -</td><td>\$\$ \$\$<</td><td>5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$		\$\$ \$\$<	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Piesel: Mud - Auxiliary:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.116 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7
8200.111 8200.113 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dill Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirll Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.115 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,8 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.119 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirll Water: Mud Brine: Mud Brine: Mud Piesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137	\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$ \$\$\$ <t< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,5 10,5 79,5 759,6 150,1 87,1 220,5 168,3 5,6 23,4 107,6 29,7 100,7 103,7 103,4 43,1 71,5</td></t<>		\$\$ \$\$<		\$ \$	5,2 7,5 10,5 79,5 759,6 150,1 87,1 220,5 168,3 5,6 23,4 107,6 29,7 100,7 103,7 103,4 43,1 71,5
8200.111 8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>· ·</td><td>5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 7,1,9 200,2</td></td<>		\$\$ \$\$<		· ·	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 7,1,9 200,2
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.124 8200.137 8200.138 8200.106	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Diil Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 71,9 200,2 104,3</td></td<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 183,7 103,4 43,1 71,9 200,2 104,3
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341	\$\$\$ \$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3</td></td<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3
8200.111 8200.113 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 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Dirill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400	\$\$\$ \$\$ \$\$		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud & Chemicals: Mud - Diresel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619	\$\$\$ \$\$ \$\$		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 7,59,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7,1,9 200,2 104,3 45,3 2,4 231,6
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$ \$ \$</td><td>5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2</td></td<>		\$\$ \$\$<		\$ \$ \$ \$	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2
8200.111 8200.113 8200.149 8200.152 8200.112 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 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6
8200.111 8200.113 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 8200.164 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,8 759,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 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 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 100,7 100,7 100,7 100,2 2,0,2 104,3 200,2 2,1 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 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 8200.158 8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.127 8200.168 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156	\$\$\$ \$\$ \$\$		S S		S S S S	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2 2,1
8200.111 8200.113 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 8200.164 8200.158 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.127 8200.136 8200.136	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td></td><td>\$ \$</td><td>5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 100,7 100,7 100,7 100,2 2,0,2 104,3 200,2 2,1 231,6 27,2 2,1</td></td<>		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 100,7 100,7 100,7 100,2 2,0,2 104,3 200,2 2,1 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.169 8200.119 8200.164 8200.158 8200.164 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.134 8200.135	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589	\$\$\$ \$\$ \$\$		\$\$ \$\$<		\$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7103,4 43,1 7103,4 43,1 7103,4 200,2 104,3 2,4 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.119 8200.164 8200.124 8200.144 8200.137 8200.138 8200.106 8200.127 8200.144 8200.136 8200.136 8200.134 8200.135 8200.165	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud & Chemicals: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589 - 7,589	\$\$\$ \$\$ \$\$		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 79,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 45,3 2,4 231,6 27,2 2,1
8200.111 8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146 8200.125 8200.144 8200.107 8200.127 8200.136 8200.136 8200.134 8200.135 8200.147	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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: Drilling Overhead:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589	\$\$\$ \$\$ \$\$		S S		\$ \$	5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 71,9 200,2 104,3 2,4 231,6 27,2 2,1 7,5 2,2 4,6
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.169 8200.119 8200.164 8200.158 8200.164 8200.137 8200.138 8200.106 8200.125 8200.144 8200.127 8200.144 8200.136 8200.136 8200.134 8200.135 8200.147 8200.148	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud & Chemicals: Mud - Direll Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: 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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 759,602 150,123 87,190 220,961 168,315 5,014 23,458 107,021 29,746 100,707 183,790 103,414 43,137 71,962 200,213 104,341 45,311 2,400 231,619 27,283 2,156 - 7,589 - 7,589	\$\$\$ \$\$ \$\$		So So<	- - - - - - - - - - - - - - - - - - -		5,2 7,9 10,5 7,9 91,5 7,9,6 150,1 87,1 220,9 168,3 5,0 23,4 107,0 29,7 100,7 103,4 43,1 7,1,9 200,2 104,3 2,4 231,6 27,2 2,1 7,5 7,5

AFE # NM0122 - Royal Oak 25 Fed Com #604H

Intangible Completion	on	\$ -	\$ 6,295,813	\$ -	\$ 6,295,813
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	\$ -	\$ 111,654	\$ -	\$ 111,654
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 15,242	\$ -	\$ 15,242
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
TC	TAL INTANGIBLE COSTS >>>	\$ 2,885,254	\$ 6,295,813	\$ 249,376	\$ 9,430,443

TOTAL D&C&F COSTS >>>	\$ 4,096,197	\$ 6,591,877	\$ 1,065,027	\$ 11,753,101
TOTAL DACAF 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:_____



AFE	NM0095	Date:	May 1	5, 2023
Well Name:	Royal Oak 25 Fed Com #006H	Projected MD	/TVD:	21573 / 10,500
Target:	Wolfcamp	Spud	to TD:	19.2 days
County:	Lea	Lateral Le	ength:	10,000
State:	NM	S	tages:	64
SHL	Sec: 25, T-18S, R-33E; 320 FNL, 1280 FWL	Total Proppant	(ppf):	2,500
BHL	Sec: 36, T-18S, R-33E; 100 FSL, 330 FWL	Total Fluid (g	al/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 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; a 6.75'' pilot hole will then be drilled on OBM to 12000'. Open hole logs will be ran, and then 6.75'' production hole will then be drilled on OBM to 21573' 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.

TOT A 1

	TOTAL
DRILLING:	\$5,301,121
COMPLETIONS:	\$6,609,900
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,976,048

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	Date: Title:	S.V.P. Operations

AFE # NM0095 - Royal Oak 25 Fed Com #006H

	TANGIBLE COSTS		Drilling		mpletion		Facilities		Total
ingible Drilling		\$	1,534,391	\$	-	\$	-	\$	1,534,39
8400.301	Surface Casing:	\$	90,728	\$	-	\$	-	\$	90,72
8400.302	Intermediate1 Casing:	\$	612,966	\$	-	\$	-	\$	612,96
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	773,795	\$	-	\$	-	\$	773,79
8400.340	Wellhead Equipment:	\$	56,903	\$		\$		\$	56,90
0400.340		\$	50,905	φ \$	-	φ \$	-	φ \$	50,90
			-	· ·	-	,	-	· ·	040.00
ingible Completion		\$	-	\$	312,291	\$	-	\$	312,29
8400.308	Tubing:	\$	-	\$	163,354	\$	-	\$	163,3
8400.340	Wellhead Equip:	\$	-	\$	107,841	\$	-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	-	\$	41,096	\$	-	\$	41,0
		\$	-	\$	_	\$	-	\$	
ngible Facility		\$		\$	_	\$	815,651	\$	815,6
	Vessels:								
8400.341		\$	-	\$	-	\$	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	\$	117,5
8400.328	Instrumentation/Meters:	\$	-	\$	_	\$	36,201	\$	36,2
8400.345	LACT Unit:	\$		\$		\$	00,201	\$	00,2
			-		-		-		
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$,
8400.315	Flowlines:	\$		\$		\$		\$	
			-		-		-		050 (
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
		\$	-	\$	-	\$	-	\$	
7	OTAL TANGIBLE COSTS >>>	\$	1,534,391	\$	312,291	\$	815,651	\$	2,662,3
	INTANGIBLE COSTS		Drilling	Co	mpletion		Facilities		Total
angible Drilling		\$	3,766,730	\$	-	\$	-	\$	3,766,7
8200.111	Survey, Stake/Permit:			\$	-	\$	-	\$	5.2
8200.111 8200.113	Survey, Stake/Permit: Damages/ROW:	\$	5,269	\$ \$	-	\$ \$	-	\$ \$	
8200.113	Damages/ROW:	\$	5,269 7,903	\$	-	\$	-	\$	7,9
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$ \$	5,269 7,903 10,538	\$ \$	-	\$ \$	-	\$ \$	7,9 10,9
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$	-	\$ \$	- - -	\$ \$	7,9 10,9 7,9
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$		\$ \$		\$ \$	7,9 10,9 7,9 91,9
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$ \$	- - - - -	\$ \$		\$ \$	7,9 10,4 7,9 91,4 79,8
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542	\$ \$ \$ \$	- - - - - -	\$ \$ \$		\$ \$ \$ \$ \$ \$	7,9 10,4 7,9 91,4 79,8
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203	\$ \$ \$ \$ \$ \$	- - - - - - -			(+) (+) <td>7,9 10,3 7,9 91,3 79,8 992,3</td>	7,9 10,3 7,9 91,3 79,8 992,3
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 79,5 992,2 203,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,4 7,5 91,4 79,4 992,2 203,5 96,7
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 91,5 99,6 992,2 203,5 96,7 275,6
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 992,2 203,5 96,7 275,6 206,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 91,5 992,2 203,5 96,7 275,6 206,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	· ·	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- - - - - - - - - - - - - - - - - - -	60 60<	7,5 10,5 91,5 992,2 203,5 203,5 96,7 275,6 206,5 4,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$ \$\$\$\$\$\$\$ \$ \$		(b) (b) (c) (c) <th(c)< th=""> <th(c)< th=""> <th(c)< th=""></th(c)<></th(c)<></th(c)<>	7,5 10,5 91,5 992,2 992,2 203,5 203,5 96,7 275,6 206,5 205,6 206,5 18,6
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	• •	- - - - - - - - - - - - - - - - - - -	\$	7,5 10,5 91,5 992,2 203,5 203,5 205,6 275,6 206,5 4,5 18,8 63,6
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary:	S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 91,5 992,2 992,2 203,5 996, 275,6 206,5 275,6 206,5 4,5 18,6 63,6 33,2
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. 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:	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	S S	7,5 10,5 791,5 992,2 203,5 203,5 205,6 275,6 206,5 275,6 206,5 4,5 18,8 63,6 33,2 129,0
8200.113 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 8200.164 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 91,5 992,2 203,5 996,7 275,6 206,5 4,5 18,8 63,6 33,2 129,0 177,5
8200.113 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 8200.164	Damages/ROW: Legal, Title, Etc. 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:	S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<		S S	7,5 10,5 91,5 992,2 992,2 203,5 96,7 275,6 206,5 275,6 206,5 4,5 18,8 63,6 33,2 129,0 177,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud Pine: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	7,5 10,5 91,5 992,2 992,2 203,5 96,7 275,6 206,5 275,6 206,5 4,5 18,4 63,6 33,2 129,6 177,5 190,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Joisesl: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 992,2 203,5 96,7 275,6 206,5 275,6 206,5 18,8 63,6 33,2 129,6 177,5 190,5 49,7
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 791,5 992,2 203,5 96,7 275,6 206,5 206,5 206,5 18,6 33,2 129,6 177,5 190,5 49,7 72,2
8200.113 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 8200.170 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Pine:Mud - Diesel:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 79,5 992,2 203,5 96,7 275,6 206,5 275,6 206,5 18,4 18,4 63,6 33,2 129,6 177,5 190,5 49,7 231,8
8200.113 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 8200.137 8200.138	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216	\$ \$		\$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 79,5 992,2 203,5 96,7 275,6 206,5 275,6 206,5 4,5 18,4 18,4 63,6 33,2 129,6 177,5 190,5 49,7 231,5 135,2
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.164 8200.158 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 79,8 992,2 203,5 96,7 275,6 206,5 206,5 18,6 33,2 129,0 177,5 190,5 49,7 72,2 231,8 135,2 45,5
8200.113 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 8200.164 8200.158 8200.158 8200.124 8200.137 8200.138	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216	\$ \$	- - - - - - - - - - - - - - - - - - -	\$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 79,8 992,2 203,5 96,7 275,6 206,5 206,5 18,6 33,2 129,0 177,5 190,5 49,7 72,2 231,8 135,2 45,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.164 8200.158 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144	Damages/ROW:Legal, Title, Etc.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:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400	\$ \$		\$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 79,8 992,2 203,5 96,7 275,6 206,5 206,5 18,6 33,2 129,0 177,5 190,5 190,5 231,8 135,2 45,5 2,4
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.116 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 79,8 992,2 203,6 206,5 206,5 206,5 206,5 18,6 63,6 33,2 129,0 177,5 190,5 231,8 135,2 45,5 2,2 272,4
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.116 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.164 8200.158 8200.124 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:Consulting Servi	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7,5 10,5 79,5 992,2 203,5 992,2 203,5 206,5 206,5 206,5 206,5 18,8 63,6 33,2 129,6 177,5 203,5 231,5 231,5 231,5 231,5 231,5 231,5 232,5 232,5 232,5 233,5 233,5 245,5 24
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.128 8200.115 8200.115 8200.115 8200.164 8200.124 8200.124 8200.137 8200.138 8200.125 8200.144 8200.107 8200.127 8200.127 8200.168	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:Contract Labor:Roustabout Services:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		\$\$\$ \$\$ \$\$	7,5 10,5 79,5 992,2 203,5 992,2 203,5 206,5 206,5 206,5 206,5 18,8 63,6 33,2 129,6 177,5 203,5 231,5 231,5 231,5 231,5 231,5 231,5 232,5 232,5 232,5 233,5 233,5 245,5 24
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.164 8200.164 8200.124 8200.137 8200.138 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$	7,5 10,5 79,8 992,2 203,5 992,2 203,5 206,5 206,5 206,5 206,5 18,8 63,6 33,2 129,6 177,5 190,5 231,8 135,2 25,6 27,2
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$	7,5 10,5 91,5 79,5 992,2 203,5 96,7 275,6 206,5 206,5 206,5 18,8 63,0 129,0 177,5 190,5 231,5 231,5 231,5 231,5 2,5 2,7 2,7 2,7 2,7 2,7 2,7 2,7 2,7
8200.113 8200.149 8200.152 8200.103 8200.102 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.164 8200.164 8200.164 8200.124 8200.137 8200.138 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:	\$ \$	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$	7,5 10,5 91,5 79,5 992,2 203,5 96,7 275,6 206,5 206,5 206,5 18,8 63,0 129,0 177,5 190,5 231,5 231,5 231,5 231,5 2,5 2,7 2,7 2,7 2,7 2,7 2,7 2,7 2,7
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.115 8200.115 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136	Damages/ROW:Legal, Title, Etc.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:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$	7,5 10,5 91,5 79,5 992,2 203,5 96,7 275,6 206,5 206,5 206,5 18,8 63,0 129,0 177,5 190,5 231,5 231,5 231,5 231,5 2,5 2,7 2,7 2,7 2,7 2,7 2,7 2,7 2,7
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138 8200.138 8200.125 8200.144 8200.127 8200.168 8200.136 8200.134 8200.135	Damages/ROW:Legal, Title, Etc.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:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253 - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$	7,5 10,5 79,6 992,2 203,5 992,2 203,5 96,7 275,6 206,5 275,6 206,5 4,5 18,8 63,6 33,2 129,0 177,5 190,5 231,8 135,2 2,7 2,7,2 2,7,2 2,7,2 2,7,2 2,7,5 8,6 316,7 2,7 2,7 2,7,5 8,7 3,7,5 2
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.164 8200.158 8200.125 8200.138 8200.138 8200.125 8200.144 8200.127 8200.168 8200.136 8200.134 8200.135	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Joisesl:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253 - - - - - - - - 2,877	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$	7,5 10,5 79,8 992,2 203,5 992,2 203,5 96,7 275,6 206,5 275,6 206,5 18,8 63,6 33,2 129,0 177,5 190,5 2231,8 135,2 231,8 272,4 272,4 272,4 272,4 272,4 272,4 272,4 27,5 8,6 316,7 2,8 2,8 2,8 2,8 2,8 2,8 2,8 2,8
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.164 8200.158 8200.164 8200.137 8200.138 8200.138 8200.106 8200.125 8200.144 8200.136 8200.134 8200.135 8200.147	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Diesel:Mud - Joisesl:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:Drilling Overhead:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253 - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$		\$\$\$ \$\$ \$\$	7,5 10,5 79,8 992,2 203,5 96,7 275,6 206,5 275,6 206,5 18,8 63,6 33,2 129,0 177,5 190,5 231,8 135,2 231,8 135,2 272,4 272,4 272,6 8,6 316,7 2,8 6,6
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.128 8200.115 8200.115 8200.169 8200.119 8200.164 8200.164 8200.158 8200.125 8200.138 8200.138 8200.125 8200.144 8200.127 8200.168 8200.136 8200.134 8200.135	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:Mud - Joisesl:Mud - Auxiliary:Solids Control/Closed Loop:Disposal:Equipment Rental:Mancamp:Casing Services:Cementing:Transportation:Inspection/Testing:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:	S S S	5,269 7,903 10,538 7,903 91,542 79,822 992,203 203,917 96,171 275,603 206,955 4,375 18,870 63,689 33,282 129,086 177,373 190,351 49,737 72,220 231,825 135,216 45,311 2,400 272,471 27,283 2,253 - - - - - - - - 2,877	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$	- - - - - - - - - - - - - - - - - - -	\$\$\$ \$\$ \$\$	5,2 7,9 10,5 79,8 992,2 203,9 96,1 275,6 206,9 4,3 18,8 63,6 33,2 129,0 177,3 190,3 49,7 72,2 231,8 135,2 45,3 2,4 272,4 277,2 2,2 2,2 2,2 8,0 316,1 2,8 6,0

AFE # NM0095 - Royal Oak 25 Fed Com #006H

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Intangible Completion	n	\$	-	\$ 6,297,609	\$ -	\$ 6,297,609
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	\$	-	\$ 112,350	\$ -	\$ 112,350
8300.273	Flowback:	\$	-	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$	-	\$ 16,342	\$ -	\$ 16,342
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 >>>	\$	3,766,730	\$ 6,297,609	\$ 249,376	10,313,714

TOTAL D&C&F COSTS >>>	\$ 5,301,121	\$ 6,609,900	\$ 1,065,027	\$ 12,976,048
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:_____



PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 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 21573' 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:	\$4,619,200
COMPLETIONS:	\$6,609,900
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,294,127

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	Date: Title:	S.V.P. Operations Case Nos. 24543 & 2

Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit C-8

AFE # NM0111 - Royal Oak 25 Fed Com #007H

angible Drilling	TANGIBLE COSTS		Drilling		pletion		Facilities	•	Total
	Curfe e a Casin ru	\$	1,534,391	\$	-	\$	-	\$	1,534,39
8400.301	Surface Casing:	\$	90,728	\$	-	\$	-	\$	90,72
8400.302	Intermediate1 Casing:	\$	612,966	\$	-	\$	-	\$	612,96
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	773,795	\$	-	\$	-	\$	773,79
8400.340	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,90
		\$	-	\$	-	\$	-	\$	
ngible Completior		\$	-	\$	312,291	\$	-	\$	312,29
8400.308	Tubing:	\$	-	\$	163,354	\$	-	\$	163,3
8400.340	Wellhead Equip:	\$		\$	107,841	\$		\$	100,8
8400.312	Artificial Lift: Gas Lift	\$		\$	41,096	\$		\$	41,0
0400.312			-	· ·	41,090		-		41,0
		\$	-	\$	-	\$	-	\$	
angible Facility	h	\$	-	\$	-	\$	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	\$	117,5
8400.328	Instrumentation/Meters:	\$		\$		\$	36,201	\$	36,2
8400.345	LACT Unit:	\$		\$		\$	50,201	\$	50,2
			-	-	-		-		
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$	
8400.315	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
		\$	-	\$	_	\$	-	\$,-
	OTAL TANGIBLE COSTS >>>	,	1,534,391	,	312,291	\$	045 654	\$	2 662 2
	OTAL TANGIBLE COSTS >>>	Ý	1,554,591	φ.	512,291	φ	815,651	φ	2,662,3
	INTANGIBLE COSTS		Drilling	Com	pletion		Facilities		Total
tangible Drilling		\$	3,084,809	\$	-	\$	-	\$	3,084,8
	Survey, Stake/Permit:	Ψ	3,007,003	IΨ	-	Ψ	-	Ψ	
		¢				¢		¢	E 0
8200.111		\$	5,269	\$	-	\$	-	\$	5,2
8200.113	Damages/ROW:	\$	5,269 7,903	\$ \$	-	\$	-	\$	7,9
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$	5,269 7,903 10,538	\$ \$ \$		\$ \$	-	\$ \$	7,9 10,5
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$	5,269 7,903 10,538 7,903	\$ \$ \$ \$		\$ \$ \$		\$	7,9 10,5 7,9
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$	5,269 7,903 10,538	\$ \$ \$		\$ \$	- - - -	\$ \$	7,9 10,5
8200.113 8200.149 8200.152	Damages/ROW: Legal, Title, Etc. Well Control Insurance:	\$ \$ \$	5,269 7,903 10,538 7,903	\$ \$ \$ \$	- - - - -	\$ \$ \$		\$ \$ \$	7,9 10,5 7,9
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$ \$		\$ \$ \$ \$		\$ \$ \$	7,9 10,5 7,9 91,5 79,8
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787	\$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$	7,9 10,5 7,9 91,5 79,8 848,7
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - -	\$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 79,8 848,7 168,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$	7; 10; 7; 91; 79; 848; 168; 81;
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 79,6 848,7 168,5 81,5 239,4
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,6 848,7 168,5 81,5 239,4 175,0
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,6 848,7 168,5 81,5 239,4 175,6 4,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,6 848,7 168,5 81,5 239,4 175,6 4,5
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$ <td< td=""><td>7,5 10,5 91,5 79,8 848,7 168,5 81,5 239,4 175,0 4,5 18,8</td></td<>	7,5 10,5 91,5 79,8 848,7 168,5 81,5 239,4 175,0 4,5 18,8
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	7,5 10,5 7,5 91,5 79,8 848,7 168,5 81,5 239,4 175,6 4,5 18,8 63,6
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Auxiliary:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 91,5 79,8 848,7 168,5 81,5 239,4 175,6 175,6 18,8 63,6 31,7
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170 8200.119 8200.164	Damages/ROW: Legal, Title, Etc. 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:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 791,5 795,8 848,7 168,5 81,5 239,4 175,6 4,5 185,8 63,6 31,7 111,6
8200.113 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 8200.158	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ <td< td=""><td>7,5 10,5 791,5 798,8 848,7 168,5 81,5 239,4 175,6 4,5 175,6 18,8 63,6 31,7 111,6 176,4</td></td<>	7,5 10,5 791,5 798,8 848,7 168,5 81,5 239,4 175,6 4,5 175,6 18,8 63,6 31,7 111,6 176,4
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 848,7 168,5 81,5 239,4 175,6 4,5 175,6 31,7 111,6 176,4
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$\$ <td< td=""><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6</td></td<></td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$ <td< td=""><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6</td></td<>	7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.146 8200.137	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683 72,220	\$\$ \$\$ <td< td=""><td></td><td>\$ \$</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7,5 10,5 79,5 848,7 168,5 81,5 239,4 175,6 4,5 63,6 31,7 111,6 176,4 165,5 45,6 72,2</td></td<>		\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 848,7 168,5 81,5 239,4 175,6 4,5 63,6 31,7 111,6 176,4 165,5 45,6 72,2
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.128 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683 72,220 200,213	\$\$ \$\$ <td< td=""><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$\$ \$\$<</td><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6</td></td<>		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6
8200.113 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	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud Brine: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683 72,220	\$\$ \$\$ <td< td=""><td></td><td>\$ \$</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 31,7 111,6 176,4 165,5 45,6 72,2 200,2</td></td<>		\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 31,7 111,6 176,4 165,5 45,6 72,2 200,2
8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.104 8200.104 8200.128 8200.128 8200.117 8200.115 8200.169 8200.119 8200.164 8200.158 8200.124 8200.137 8200.138	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals: Mud - Drill Water: Mud - Drill Water: Mud - Diesel: Mud - Diesel: Mud - Auxiliary: Solids Control/Closed Loop: Disposal: Equipment Rental: Mancamp: Casing Services: Cementing:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683 72,220 200,213 135,216	\$\$ \$\$ <td< td=""><td></td><td>\$ \$</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 31,7 111,6 165,5 45,6 72,2 200,2 135,2</td></td<>		\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 31,7 111,6 165,5 45,6 72,2 200,2 135,2
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8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.104 8200.104 8200.128 8200.128 8200.128 8200.128 8200.115 8200.169 8200.169 8200.164 8200.164 8200.158 8200.164 8200.125 8200.144 8200.136 8200.127 8200.144 8200.136 8200.135 8200.135	Damages/ROW:Legal, Title, Etc.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:Consulting Services:Contract Labor:Roustabout Services:Mudlogging:Geo-Steering:Open Hole Logging:Coring & Analysis:Safety & Environmental:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,269 7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199 - - 8,084 - - 2,515	\$\$ \$\$ <td< td=""><td></td><td>\$\$ \$\$<</td><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>7,5 10,5 79,8 848,7 168,3 81,5 239,4 175,6 4,3 175,6 4,3 175,6 4,5 239,4 175,6 4,5 239,4 175,6 4,5 239,4 175,6 45,5 200,2 135,2 200,2 135,2 250,5 27,2 25,7 44</td></td<>		\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 79,8 848,7 168,3 81,5 239,4 175,6 4,3 175,6 4,3 175,6 4,5 239,4 175,6 4,5 239,4 175,6 4,5 239,4 175,6 45,5 200,2 135,2 200,2 135,2 250,5 27,2 25,7 44

AFE # NM0111 - Royal Oak 25 Fed Com #007H

Intangible Completic	on	\$ -	\$ 6,297,609	\$ -	\$ 6,297,609
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	\$ -	\$ 112,350	\$ -	\$ 112,350
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 16,342	\$ -	\$ 16,342
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 >>>	\$ 3,084,809	\$ 6,297,609	\$ 249,376	\$ 9,631,793

TOTAL D&C&F COSTS >>>	\$ 4,619,200	\$ 6,609,900	\$ 1,065,027	\$ 12,294,127
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:_____



AFE: NM0115	Date: M	ay 15, 2023
Well Name: Royal Oak 25 Fed Com #008H	Projected MD/T	/D: 20823 / 10500
Target: Wolfcamp	Spud to ⁻	D: 15.5 days
County: Lea	Lateral Leng	th: 10,000
State: NM	Stag	es: 64
SHL: Sec: 25, T-18S, R-33E; 320 FNL, 1480 FEL	Total Proppant (p	of): 2,500
BHL: Sec: 36, T-18S, R-33E; 100 FSL, 2310 FEL	Total Fluid (gal/	ft): 3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 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 21573' 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:	\$4,619,200
COMPLETIONS:	\$6,609,900
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,294,127

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	Date: Title:	S.V.P. Operations Case Nos. 24543 & 2

Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit C-8

AFE # NM0115 - Royal Oak 25 Fed Com #008H

angible Drilling	TANGIBLE COSTS	^	Drilling		ompletion	•	Facilities	•	Total
	Curfage Casing	\$	1,534,391	\$	-	\$	-	\$	1,534,39
8400.301	Surface Casing:	\$	90,728	\$	-	\$	-	\$	90,72
8400.302	Intermediate1 Casing:	\$	612,966	\$	-	\$	-	\$	612,96
8400.302	Intermediate2 Casing:	\$	-	\$	-	\$	-	\$	
8400.303	Production Casing:	\$	773,795	\$	-	\$	-	\$	773,79
8400.340	Wellhead Equipment:	\$	56,903	\$	-	\$	-	\$	56,9
		\$	-	\$	-	\$	-	\$	
angible Completion	1	\$	-	\$	312,291	\$	-	\$	312,29
8400.308	Tubing:	\$		\$	163,354	\$		\$	163,3
8400.340	Wellhead Equip:	\$		\$	107,841	\$	-	\$	103,3
	Artificial Lift: Gas Lift		-				-		
8400.312		\$	-	\$	41,096	\$	-	\$	41,0
		\$	-	\$	-	\$	-	\$	
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	\$	117,5
8400.328	Instrumentation/Meters:	\$		\$		\$	36,201	\$	36,2
	LACT Unit:		-		-		30,201		50,2
8400.345		\$	-	\$	-	\$	-	\$	
8400.346	Electrical Facility:	\$	-	\$	-	\$	-	\$	
8400.347	Containment:	\$	-	\$	-	\$	19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$	-	\$	29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$	-	\$	-	\$	
8400.315	Flowlines:	\$	-	\$	-	\$	-	\$	
8400.350	Instrument/Electrical Panel:	\$	-	\$	-	\$	352,891	\$	352,8
0100.000		\$		\$		\$	002,001	\$	002,0
		,	-	•	-	<u> </u>	-	•	0.000.0
	OTAL TANGIBLE COSTS >>>	Þ	1,534,391	\$	312,291	\$	815,651	\$	2,662,3
	INTANGIBLE COSTS		Drilling		ompletion		Facilities		Total
tangible Drilling			3,084,809		mpletion	6	racinties	6	
	Survey, Stake/Permit:	\$		\$	-	\$	-	\$	3,084,8
8200.111	ISurvey. Stake/Permit:								5,2
		\$	5,269	\$	-	\$	-	\$	
8200.113	Damages/ROW:	\$	5,269 7,903	\$ \$	-	ъ \$	-	э \$	7,9
	Damages/ROW: Legal, Title, Etc.			-	-		-		
8200.113	Damages/ROW:	\$	7,903	\$	- - -	\$	-	\$	7,9 10,5
8200.113 8200.149	Damages/ROW: Legal, Title, Etc.	\$ \$ \$	7,903 10,538 7,903	\$ \$ \$	- - - - -	\$ \$ \$	-	\$ \$	7,9
8200.113 8200.149 8200.152 8200.112	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location:	\$ \$ \$	7,903 10,538 7,903 91,542	\$ \$ \$		\$ \$ \$		\$ \$ \$	7,9 10,5 7,9 91,5
8200.113 8200.149 8200.152 8200.112 8200.103	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move:	\$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822	\$ \$ \$ \$	- - - - -	\$ \$ \$ \$		\$ \$ \$ \$ \$	7,9 10,5 7,9 91,5 79,8
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork:	\$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787	\$ \$ \$ \$ \$ \$	- - - - - -	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$	7,9 10,5 7,9 91,5 79,8 848,7
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power:	\$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,9 10,5 7,9 91,5 79,8 848,7 168,3
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7, (10, { 7, (91, { 79, { 848, 7 168, { 81, {
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 79,8 848,7 168,3 81,5 239,4
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 7,5 91,5 79,8 848,7 168,3 81,5 239,4 175,0
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,6 848,7 168,5 81,5 239,4 175,0
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117	Damages/ROW: Legal, Title, Etc. Well Control Insurance: Location: Rig Move: Drilling Daywork: Fuel/Power: Bits & BHA: Directional: Mud & Chemicals:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,5 10,5 91,5 79,8 848,7 168,5 81,5 239,4 175,6 4,5
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud Brine:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870	\$\$ \$\$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$\$ \$\$<</td><td>7,5 10,5 91,5 79,8 848,7 168,3 81,5 239,4 175,0 4,3 18,8</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	7,5 10,5 91,5 79,8 848,7 168,3 81,5 239,4 175,0 4,3 18,8
8200.113 8200.149 8200.152 8200.112 8200.103 8200.102 8200.104 8200.116 8200.128 8200.117 8200.115 8200.169 8200.170	Damages/ROW:Legal, Title, Etc.Well Control Insurance:Location:Rig Move:Drilling Daywork:Fuel/Power:Bits & BHA:Directional:Mud & Chemicals:Mud - Drill Water:Mud - Diesel:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$\$ \$\$<	7,5 10,5 7,5 91,5 79,8 848,7 168,5 81,5 239,4 175,6 4,5 18,8 63,6
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8200.113 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 8200.164	Damages/ROW:Legal, Title, Etc.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:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654	\$\$ \$\$<	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$\$ \$\$<	7,5 10,5 79,5 91,5 79,8 848,7 168,3 81,5 239,4 175,0 4,3 18,8 63,6 31,1 111,6
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8200.113 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 8200.164 8200.158 8200.124 8200.146	Damages/ROW:Legal, Title, Etc.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:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683	\$ \$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$ \$ <t< td=""><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6</td></t<></td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ <t< td=""><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6</td></t<>	7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,6 4,3 175,6 175,6 31,7 111,6 176,4 165,8 45,6
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8200.113 8200.149 8200.152 8200.103 8200.102 8200.104 8200.104 8200.116 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	Damages/ROW:Legal, Title, Etc.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:Inspection/Testing:Company Supervision:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,903 10,538 7,903 91,542 79,822 848,787 168,375 81,571 239,459 175,073 4,375 18,870 63,689 31,110 111,654 176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400	\$ \$ <td< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td></td><td>\$ \$</td><td>7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,0 4,3 18,6 63,6 31,1 111,6 176,4 165,5 45,6 72,2 200,2 135,2 45,3 2,4</td></td<>	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$	7,5 10,5 79,5 848,7 168,3 81,5 239,4 175,0 4,3 18,6 63,6 31,1 111,6 176,4 165,5 45,6 72,2 200,2 135,2 45,3 2,4
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AFE # NM0115 - Royal Oak 25 Fed Com #008H

Intangible Completic)n	\$ -	\$	6,297,609	\$ -	\$ 6,297,609
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	\$ -	\$	112,350	\$ -	\$ 112,350
8300.273	Flowback:	\$ -	\$	59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$	16,342	\$ -	\$ 16,342
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 >>>	\$ 3,084,809	¢	6,297,609	\$ 249,376	\$ 9,631,793

TOTAL D&C&F COSTS >>>	\$ 4,619,200	\$ 6,609,900	\$ 1,065,027	\$ 12,294,127
TOTAL DACAF 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:_____



AFE: NM0119		Date: May 1	5, 2023
Well Name: Royal Oak 25	5 Fed Com #009H	Projected MD/TVD:	20823 / 10500
Target: Wolfcamp		Spud to TD:	15.5 days
County: Lea		Lateral Length:	10,000
State: NM		Stages:	64
SHL: Sec: 25, T-18	3S, R-33E; 160 FNL, 1480 FEL	Total Proppant (ppf):	2,500
BHL: Sec: 36, T-18	3S, R-33E; 100 FSL, 1950 FEL	Total Fluid (gal/ft):	3,000

PROJECT DESCRIPTION:

The proposed AFE is for the Royal Oak 25 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 21573' 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:	\$4,619,200
COMPLETIONS:	\$6,609,900
FACILITIES:	\$1,065,027
COMPLETED WELL COST:	\$12,294,127

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	Date: Title:	S.V.P. Operations Case Nos 24543 & 2

Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit C-8

AFE # NM0119 - Royal Oak 25 Fed Com #009H

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Tangible Drilling	TANGIBLE COSTS	\$	Drilling 1,534,391	Completion \$ -	Facilities \$-	\$	Total 1,534,39
8400.301	Surface Casing:			• -	-	· ·	
		\$	90,728	•		\$	90,72
8400.302	Intermediate1 Casing:	\$	612,966	\$ -	\$-	\$	612,9
8400.302	Intermediate2 Casing:	\$	-	\$-	\$-	\$	
8400.303	Production Casing:	\$	773,795	\$-	\$-	\$	773,7
8400.340	Wellhead Equipment:	\$	56,903	\$-	\$-	\$	56,9
		\$	-	\$-	\$-	\$	
angible Completion	L	\$	-	\$ 312,291	\$-	\$	312,2
8400.308	Tubing:	\$		\$ 163,354	φ \$-	-	163,3
8400.308	Wellhead Equip:		-			\$	
		\$	-	\$ 107,841	\$-	\$	107,8
8400.312	Artificial Lift: Gas Lift	\$	-	\$ 41,096	\$-	\$	41,0
		\$	-	\$-	\$-	\$	
angible Facility		\$	-	\$-	\$ 815,651	\$	815,6
8400.341	Vessels:	\$	-	\$ -	\$ 155,381	_	155,3
8400.342	Tanks:	\$		\$ -	\$ 71,306		71,3
	Flare:		-				
8400.343		\$	-	\$ -	\$ 19,963	_	19,9
8400.344	Compressors:	\$	-	\$-	\$ 13,912		13,9
8400.316	Pipe/Valves/Fittings:	\$	-	\$-	\$ 117,518	\$	117,5
8400.328	Instrumentation/Meters:	\$	-	\$-	\$ 36,201	\$	36,2
8400.345	LACT Unit:	\$	-	\$-	\$ -	\$	
8400.346	Electrical Facility:		-	\$ - \$ -	\$-	\$	
	•	\$	-				
8400.347	Containment:	\$	-	\$-	\$ 19,231	\$	19,2
8400.348	Pump/Supplies:	\$	-	\$-	\$ 29,247	\$	29,2
8400.349	Pipelines:	\$	-	\$-	\$-	\$	
8400.315	Flowlines:	\$	-	\$ -	\$ -	\$	
8400.350	Instrument/Electrical Panel:	\$		\$-	\$ 352,891		352,8
0400.000			-			_	552,0
		\$	-	\$ -	\$-	\$	
<u> </u>	OTAL TANGIBLE COSTS >>>	\$	1,534,391	\$ 312,291	\$ 815,651	\$	2,662,3
	INTANGIBLE COSTS		Drilling	Completion	Facilities		Total
ntangible Drilling		\$	3,084,809	\$-	\$-	\$	3,084,8
8200.111	Survey, Stake/Permit:	\$	5,269	\$-	\$-	\$	5,2
8200.113	Damages/ROW:	\$	7,903	\$ -	\$ -	\$	7,9
8200.149	Legal, Title, Etc.	\$	10,538	\$-	\$-	\$	10,
	Well Control Insurance:					_	
8200.152	-	\$	7,903	\$ -	\$-	\$	7,9
8200.112	Location:	\$	91,542	\$-	\$-	\$	91,5
8200.103	Rig Move:	\$	79,822	\$-	\$-	\$	79,8
8200.102	Drilling Daywork:	\$	848,787	\$-	\$-	\$	848,7
8200.104	Fuel/Power:	\$	168,375	\$-	\$-	\$	168,3
8200.116	Bits & BHA:	\$	81,571		\$-	\$	81,
						-	
8200.128	Directional:	\$	239,459		\$-	\$	239,4
8200.117	Mud & Chemicals:	\$	175,073		\$-	\$	175,0
8200.115	Mud - Drill Water:	\$	4,375	\$-	\$-	\$	4,3
8200.169	Mud Brine:	\$	18,870	\$-	\$-	\$	18,8
8200.170	Mud - Diesel:	\$	63,689		\$-	\$	63,
8200.119	Mud - Auxiliary:	\$	31,110			\$	31,
	-						
8200.164	Solids Control/Closed Loop:	\$			\$-	\$	111,6
			111,654				176,4
8200.158	Disposal:	\$	176,420		\$-	\$	165,8
8200.158 8200.124	Disposal: Equipment Rental:				\$ - \$ -	\$	100,0
8200.124	Equipment Rental:	\$ \$	176,420 165,801	\$- \$-	\$ -	\$	
8200.124 8200.146	Equipment Rental: Mancamp:	\$ \$ \$	176,420 165,801 45,683	\$ - \$ - \$ -	\$ - \$ -	\$ \$	45,6
8200.124 8200.146 8200.137	Equipment Rental: Mancamp: Casing Services:	\$ \$ \$	176,420 165,801 45,683 72,220	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$	45,0 72,2
8200.124 8200.146 8200.137 8200.138	Equipment Rental: Mancamp: Casing Services: Cementing:	\$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$ \$	45,6 72,2 200,2
8200.124 8200.146 8200.137 8200.138 8200.106	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation:	\$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$	45,6 72,2 200,2 135,2
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing:	\$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$	45,6 72,2 200,2 135,2 45,5
8200.124 8200.146 8200.137 8200.138 8200.106	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$	45,6 72,2 200,2 135,2 45,5
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	45,6 72,2 200,2 135,2 45,3 2,4
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	45,6 72,2 200,2 135,2 45,3 2,4 250,3
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	45, 72,3 200,3 135,3 45,5 2,4 250,3 27,3
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	45, 72,3 200,3 135,3 45,5 2,4 250,3 27,3
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	45,6 72,2 200,2 135,2 45,5 2,6 250,5 27,2 2,7,2 2,7
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	45,6 72,2 200,2 135,2 45,5 2,6 250,5 27,2 2,7,2 2,7
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.143	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199	\$ - \$ -	\$ - \$ -	\$\$ \$\$<	45, 72, 200, 135, 45, 2, 250, 27, 2, 2, 2,
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.136 8200.143 8200.134	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199	\$ - \$ -	S - S -	\$\$ \$\$<	45, 72, 200, 135, 45, 2, 250, 27, 2, 2, 2,
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.168 8200.136 8200.134 8200.135	Equipment Rental: Mancamp: Casing Services: Cementing: Transportation: Inspection/Testing: Company Supervision: Consulting Services: Contract Labor: Roustabout Services: Mudlogging: Geo-Steering: Open Hole Logging: Coring & Analysis:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199 - 8,084 -	\$ - \$ -	S - S -	\$\$ \$\$ <td< td=""><td>45,6 72,2 200,1 135,2 45,3 2,6 250,3 27,2 2,7 2,7 8,6</td></td<>	45,6 72,2 200,1 135,2 45,3 2,6 250,3 27,2 2,7 2,7 8,6
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.168 8200.136 8200.134 8200.135 8200.165	Equipment Rental: 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:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199 - - 8,084 - - 2,515	\$ - \$ -	S - S -	\$\$ \$\$<	45, 72, 200, 135, 45, 2, 250, 27, 2, 2, 8, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.168 8200.143 8200.135 8200.135 8200.165	Equipment Rental: 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: Drilling Overhead:	\$ \$ <td< td=""><td>176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199 - 8,084 -</td><td>\$ - \$ - <t< td=""><td>S - S</td></t<><td>S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S</td><td>45, 72, 200, 135, 45, 2, 250, 27, 250, 27, 2, 2, 8, 0 2, 5,</td></td></td<>	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199 - 8,084 -	\$ - \$ - <t< td=""><td>S - S</td></t<> <td>S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S</td> <td>45, 72, 200, 135, 45, 2, 250, 27, 250, 27, 2, 2, 8, 0 2, 5,</td>	S - S	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	45, 72, 200, 135, 45, 2, 250, 27, 250, 27, 2, 2, 8, 0 2, 5,
8200.124 8200.146 8200.137 8200.138 8200.106 8200.125 8200.144 8200.107 8200.127 8200.168 8200.168 8200.136 8200.134 8200.135 8200.165	Equipment Rental: 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:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	176,420 165,801 45,683 72,220 200,213 135,216 45,311 2,400 250,332 27,283 2,199 - - 8,084 - - 2,515	\$ - \$ - <t< td=""><td>S - S -</td><td>S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S</td><td>45,(72,2 200,2 135,2 45,3 2,4 250,3 27,2 2,7 8,0 8,0 2,5 3,7</td></t<>	S - S -	S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	45,(72,2 200,2 135,2 45,3 2,4 250,3 27,2 2,7 8,0 8,0 2,5 3,7

AFE # NM0119 - Royal Oak 25 Fed Com #009H

Intangible Completion		\$ -	\$ 6,297,609	\$ -	\$ 6,297,609
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	\$ -	\$ 112,350	\$ -	\$ 112,350
8300.273	Flowback:	\$ -	\$ 59,201	\$ -	\$ 59,201
8300.229	Transportation:	\$ -	\$ 16,342	\$ -	\$ 16,342
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 >>>	\$ 3,084,809	\$ 6,297,609	\$ 249,376	\$ 9,631,793

TOTAL D&C&F COSTS >>>	\$ 4,619,200	\$ 6,609,900	\$ 1,065,027	\$ 12,294,127
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:_____
Avant Operating, LLC Case Nos. 24543 & 24544 Exhibit C-9



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

- 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 March 7, 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 No. 24544 Exhibit C-9



Page 110 of 220

ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
T.H. McElvain Oil & Gas LLLP	4.13%	3/7/2024	3/11/2024	Multiple conversations with owner to provide spud date and development plans. Owner returned elections to participate and signed JOA.
Morris Associates II	2.13%	3/11/2024	3/14/2024	Well proposal package received. No further inquiries.
Carlton Beal Family Trust for Kelly Beal	0.33%	3/11/2024 4/11/2024	3/15/2024 4/11/2024	Sent well proposals to last known address via USPS. Conversations with BTA Oil Producers, LLC indicated they have Power of Attorney for internal investors and will manage all well proposal decisions. BTA provided a list of investor names and indicated all communication will be through BTA. Re-ent BTA well proposals via email on 4/11. BTA indicated their investors will wait until pooling proceedings are completed before entering into a JOA.
Trust #1430-1-09	0.21%	3/11/2024	Undeliverable	Searched county records and for updated address information.
Trust #1430-3-09	0.18%	3/11/2024	Undeliverable	Searched county records for updated address information.
Trust #1430-4-09	0.18%	3/11/2024	Undeliverable	Searched county records for updated address information.
Carlton Beal Family Trust for Spencer Beal	0.16%	3/11/2024 4/11/2024	3/15/2024 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Scott Evans Beal KBG 2020 GST Gift Trust	0.16%	3/11/2024 4/11/2024	3/15/2024 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Lynard Chris Hinojosa, Jr. KBG 2020 GST Gift Trust	0.16%	3/11/2024 4/11/2024	3/15/2024 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Bernard E. Alpern Trust	0.16%	3/11/2024	Undeliverable	Searched county records for updated address information.
Trust #0417-02-03-04	0.12%	3/11/2024	Undeliverable	Searched county records for updated address information.
Trobaugh Properties	0.96%	3/11/2024 4/11/2024	3/15/2024 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Trust #1430-2-09	0.09%	3/11/2024	Undeliverable	Searched county records for updated address information.
Carlton Evans Beal, Jr. Family Trust fbo Carlton Beal, III	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Carlton Evans Beal, Jr. Family Trust fbo Cristina Johnstone	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Carlton Evans Beal, Jr. Family Trust fbo Helena Pedregon	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Carlton Evans Beal, Jr. Family Trust fbo Lauren Sherry	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Barry A. Beal Family Trust fbo Barry Beal, Jr.	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Barry A. Beal Family Trust fbo Stuart Beal	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Barry A. Beal Family Trust fbo Elizabeth Beal Davenport	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.



Avant Operating, LLC Case No. 24544 Exhibit C-9 Page 111 of 220

ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
Barry A. Beal Family Trust fbo Stephen Beal	0.08%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Glickman Oil and Gas Properties, LLC	0.08%	4/10/2024 4/11/2024	4/13/2024 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
BTA Oil Producers	0.07%	3/11/2024	3/15/2024	Answered several questions from Rex Barker regarding development timing and target formations. Rex indicated BTA and their investors will wait until pooling proceedings before entering into a JOA.
Trust #1430-5-09	0.06%	3/11/2024		Searched county records for updated address information.
Roger P. Palma	0.06%	3/11/2024	3/14/2024	Received returned well proposals on 3/20 - owner not participating.
Spencer E. Beal, Jr. GST Trust	0.06%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Kimberly E. Beal GST Trust	0.06%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Rebecca G. Beal McClure GST Trust	0.06%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Barry Beal	0.05%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Barry Beal, Jr.	0.05%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Forman Energy Corporation	0.05%	3/11/2024	4/16/2024	Well proposal package received. No further inquiries.
Robert M. Davenport, Jr.	0.05%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Stuart E. Beal	0.05%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Kelly Beal	0.05%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Spencer Beal	0.04%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Trustee u/w/o Geral N. Frank fbo Peter Frank	0.04%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Trustee u/w/o Geral N. Frank fbo Lynn Bettman	0.04%	3/11/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Carlton Beal, Jr.	0.05%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Elizabeth W. Murov, LLC	0.03%	3/11/2024	3/14/2024	Well proposal package received. No further inquiries.
Blank Living Investment Trust dated 7/24/1989	0.03%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
Allan E. Bulley, Jr.	0.03%	3/11/2024	3/18/2024	Well proposal package received. No further inquiries
Cerri Family Trust uta dated 12/6/1988	0.03%	3/11/2024	3/15/2024	Well proposal package received. No further inquiries.
Phyllis Mack	0.03%	3/11/2024	3/15/2024	Well proposal package received. No further inquiries.
Phyllis Mack, Trustee	0.03%	3/11/2024	3/15/2024	Well proposal package received. No further inquiries.
The R Company	0.03%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Sydell Shaw and Gerald Shaw	0.03%	3/11/2024	3/14/2024	Well proposal package received. No further inquiries.
Trione Interest	0.03%	3/11/2024	3/16/2024	Well proposal package received. No further inquiries.
Jane C. Gottschalk	0.03%	3/12/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Salvatore Giordano 1990 Irrevocable Family Trust	0.03%	3/12/2024	3/16/2024	Well proposal package received. No further inquiries.
Davenport Conger Properties, LP	0.03%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Currie Family Resources, LP	0.03%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Scott Evans Beal	0.02%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Lynard Chris Hinojosa, Jr. Living Trust	0.02%	3/12/2024 4/11/2024	3/15/2024 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Abby R. Bloch aka Abby Spiegelman	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Kathy Spiegelman	0.01%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
James Spiegelman	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Harold E. Henderson Self Trusted Trust dated 8/7/1987	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Janet M. Henderson Self Trusted Trust dated 8/7/1987	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Telco II, A California General Partnership	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Gisler Family Trust	0.01%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
Gregory Ralph Stone 2004 Trust	0.01%	3/12/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Robert H. McCall aka R. H. McCall	0.01%	3/12/2024	3/15/2024	Spoke with owner on phone 3/19 to provide clarity regarding well proposals and title information.
Carroll Cartwright, III	0.01%	3/12/2024	3/16/2024	Well proposal package received. No further inquiries.
Georgette Cartwright Nichols	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Trustee uta dated 8/7/1990 of Lawrence Chaffin	0.01%	3/12/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
McKittrick Living Trust dated 12/25/2017	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Michele J. David Family Trust	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
M. Robert Gallop 1997 Revocable Trust u/a dated 11/12/197	0.01%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
Patricia A. Shea Ryan	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Patricia M. Booth	0.01%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
Jonathan Gould	0.01%	3/12/2024	3/22/2024	Well proposal package received. No further inquiries.
Judson Gould	0.01%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
Trust u/w/o May Nora Shea fbo William A. Shea, Jr.	0.01%	3/12/2024	3/21/2024	Well proposal package received. No further inquiries.
Andrew Steven Halperin Family Trust dated 1/1/2007	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Seth J. Atlas	0.01%	3/12/2024	3/16/2024	Well proposal package received. No further inquiries.
Clifford R. Atlas	0.01%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
Robin Stone Smith	0.01%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Matthew P. Portoni and Megan G. Portoni Revocable Family Trust dated 10/8/2018	0.01%	3/12/2024	3/16/2024	Well proposal package received. No further inquiries.
Barbara G. Gilbert 1997 Revocable Trust	0.01%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
Andrew L. Klau	0.0014%	3/12/2024	Undeliverable	Searched county records and White Pages for updated address information.
Edward D. Klau	0.0014%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Lisbeth L. Klau	0.0014%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Patricia Ann Wolff	0.0034%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
Spencer Beal Family Trust fbo Spencer Beal, Jr.	0.0024%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Spencer Beal Family Trust fbo Kimberly Beal	0.0024%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Spencer Beal Family Trust fbo Rebecca Beal	0.0024%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Kelly Beal Family Trust fbo Robin Beal	0.0024%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Kelly Beal Family Trust fbo Leigh Beal	0.0024%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Kelly Beal Family Trust fbo Kelley Beal	0.0024%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Andrew Steven Halperin Family Trust dated 1/1/2007	0.0024%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Roberta H. Brayer Family Trust dated 1/1/2007	0.0023%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Alexander E. Fisher Trust u/w/o Dora Fisher	0.0023%	3/12/2024 4/11/2024	Undeliverable 4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
Ellen R. Harvey	0.0021%	3/12/2024	3/15/2024	Well proposal package received. No further inquiries.
Steven A. Ruskin	0.0021%	3/12/2024	3/14/2024	Well proposal package received. No further inquiries.
The Kathryn Patricia Beal GST Gift Trust	0.0018%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
The Cynthia Keleen Beal GST Gift Trust	0.0018%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
The Ashley Carruth Beal GST Gift Trust	0.0018%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
The Michael Adams Beal GST Gift Trust	0.0018%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Ashley Beal LaFevers	0.0016%	4/11/2024	4/11/2024	BTA investor owner - see follow-up comment for Carlton Beal Family Trust for log of communications through BTA.
Trainer Partners, Ltd.	4.85%	3/12/2024	3/14/2024	Emailed owner in 2023 when first round of well proposals were sent to provide WI/NRI information. Emailed with owner again 4/25 when new round of proposals were sent.
Community Minerals, LLC	3.56%	3/7/2024	3/9/2024	Emailed owner in 2023 when first round of well proposals were sent to provide WI/NRI information. Emailed with owner again 4/25 when new round of proposals were sent.
Adams Family Living Trust	0.17%	3/11/2024	3/14/2024	Well proposal package received. No further inquiries.
Prima Exploration, Inc	2.75%	3/11/2024	3/13/2024	Emailed with owner on 3/18 to discuss owner WI in proposed wells. Sent email 5/21 asking if they'd like to sell their interest. Spoke with land manager on phone 6/5 to discuss pooling process.
Julia Ann Hissom Trust	0.06%	3/7/2024	3/9/2024	Spoke with owner on phone 4/16 and she provided updated address and sent proposals via email. Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Robert Davis Hissom Trust	0.06%	3/7/2024	3/9/2024	Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
MitchOil, LLC	0.38%	3/7/2024	3/9/2024	Emailed with owner on 3/18 to provide WI and NRI for owner.
Val Joe Hill	0.10%	3/11/2024	3/14/2024	Well proposal package received. No further inquiries.
Jerry Kent Phillips	0.06%	3/11/2024	3/16/2024	Emailed with owner 3/19 to provide WI and explain options with the well proposals. Received elections not to participate on 4/2.



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
Connie Jean Phillips Jackson	0.06%	3/11/2024	3/14/2024	Spoke with owner on 3/20 to explain well proposals. Received elections not to participate on 4/8.
Terry Smith	0.05%	3/11/2024	3/15/2024	Sent proposals via USPS. Updated title later showed assignment into Cavalry Energy Partners, LLC.
Larry Smith	0.05%	3/11/2024	3/15/2024	Sent proposals via USPS. Updated title later showed assignment into Cavalry Energy Partners, LLC.
Kimbrough Working Interests, LLC	0.38%	3/11/2024	3/14/2024	Spoke with Plains Bank (agent for owner) and answered title and AFE questions. Sent offer to purchase interest and currently working through assignment paperwork to acquire interest.
Stumhoffer Family Partnership, LP	0.84%	3/11/2024	3/14/2024	Well proposal package received. No further inquiries.
Terri Jan Smith	0.14%	3/11/2024	Undeliverable	Searched county records and White Pages for updated address information.
Jerry Wilbanks	0.17%	3/11/2024	3/16/2024	Spoke with representative for owner and provided NRI in unit. Received correspondence from Anthem Oil and Gas on 6/4 to notice us of acquisition of interest. Waiting for assignment to update our records.
Franklin Mountain Energy 3, LLC	15.13%	4/9/2024	4/12/2024	Sent well proposals to Franklin Mountain Energy on 4/9 via email as well as USPS. Entered into acquisition discussions with owner in early June and Avant et al purchased interest.
COG Operating LLC	7.64%	3/7/2024	3/11/2024	Emailed COG on 3/27 to answer initial questions regarding development timing and provide WI/NRI. Sent JOA on 4/9. Received feedback via email on 5/29 and working through JOA discussions.
Red River Energy Partners	5.06%	3/7/2024	3/9/2024	Predecessor in title, Baber Well Serving Company, Bovina Limited Liability Company and Bullet Limited Liability Company received well proposals in March. Red River noticed me of acquisition. Sent over JOA for review on 5/1, as well as several deal options.
Nearburg Exploration Company	1.40%	3/7/2024	3/9/2024	Emailed with owner regarding well proposals and title.
Trust B u/w/o Julie S. Herkenhoff, deceased	0.24%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.
Duran Properties, LLC	0.28%	4/10/2024	4/13/2024	Well proposal package received. No further inquiries.
The Ralph E. McElvain, Jr. Trust dated 12/13/2007	0.05%	4/10/2024	4/12/2024	Well proposal package received. No further inquiries.
Peggy McElvain	0.05%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
Heirs of Murrell J. Abbott & wife, Barbara Jane Abbott, both deceased	0.09%	4/10/2024		Emailed heir of Murrell and Barbara, and provided WI/NRI in unit. Sent a few title questions that need to be cleared up before offer is made.
Budd Living Trust	0.02%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.
Kaiser-Francis Oil Company	6.92%	3/7/2024		Corresponded with Kaiser-Francis from 3/18 to present to discuss well proposals and potential deal ideas. Answered questions regarding WI/NRI and development timing. Sent JOA for review. Had technical call with Kaiser Francis team on 5/7 to discuss proposed wells. Still negotiating potential deal options.
Earthstone Permian LLC	4.03%	3/7/2024		Avant started deal negotiations with Permian Resources in November 2023. Both parties have had productive conversations and deal discussions since that date. Updated deal terms sent to Permian Resources in May 2024.
McElvain Oil Company, LP	1.60%	3/11/2024	3/14/2024	Emailed owner on 2/15 and 5/21 regarding offer to purchase interest.
Maybole, LLC	0.93%	3/11/2024		Emailed owner on 1/31 to provide WI/NRI in unit. Sent offer to purchase interest on 2/14 and 5/21- owner is reviewing offer.
Buckeye Energy Inc.	0.50%	3/12/2024		Emailed With owner on 3/25 to provide WI/NRI in unit. Sent offer to purchase interest on 4/12 but offer was declined.
Keith Budd, Trustee of the Tamra Hissom Budd Trust	0.05%	3/11/2024		Spoke with trustee on 5/8 regarding updated addresses for the trust. Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Alexandra Carson Hissom, Trustee of the Alexandra Carson Hissom Trust	0.06%	4/10/2024		Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Nancy Gillis Sobeck	0.06%	4/10/2024	4/15/2024	Well proposal package received. No further inquiries.
MATCO 850, Ltd.	1.41%	4/10/2024	4/15/2024	Well proposal package received. No further inquiries.
Caroline Hissom Wallace, Trustee of the Caroline Hissom Wallace Trust	0.06%	3/11/2024		Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Estate of David M. Trainer	0.09%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Summary of Contacts:

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
Taylor Jordan Phillips Wayne	0.03%	4/11/2024	4/15/2024	Received updated owner address from relative to owner. No further inquiries.
Cavalry Energy Partners, LLC	0.57%	4/10/2024	4/13/2024	Well proposal package received. No further inquiries.
John R. Holloway (Life Estate)	0.03%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.
Moser Revocable Trust, Charles E. Moser and Vicky J. Moser	0.02%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.
Peggy Runyan	0.02%	4/10/2024	4/13/2024	Well proposal package received. No further inquiries.
Brian Peter McGary 2017 Revocable Trust	0.52%	3/11/2024		Emailed Bank of America (trustee of Trust) on 3/22 with WI for trust. Received emailed on 4/16 with term assignment offer. Negotiating terms of term assignment.
Mary Jane McGary Trust	0.52%	3/11/2024	3/15/2024	Received email 6/7 from agent for trust, regarding well proposals. Provided updated address for owner and discussing potential deal options.
McGary Family Trust	0.52%	3/11/2024	3/15/2024	Well proposal package received. No further inquiries.
Jacqueline M. Withers Revocable Trust	0.78%	3/11/2024	Undeliverable	Emailed agent for trust on 5/24 to discuss proposals and potential deal offers. Last known address is not deliverable.
All-Liberty Energy Co.	0.04%	3/12/2024		Emailed with owner regarding well proposals on 3/18. Answered questions regarding development timing and AFEs. Received email 5/10 informing me she signed a letter of intent to sell interest but have not received assignment to update our records.
Estate of Patty Hill Holloway, deceased	0.04%	3/11/2024	3/14/2024	Well proposals were sent to last known heirs.
Ann Kimbrough Irrevocable Trust Share of The Calvin and Ann Kimbrough Revocable Trust	0.12%	3/11/2024		Spoke with Plains Bank (agent for owner) and she provided assignment from owner into Kimbrough Working Interests, LLC. Sent offer to purchase interest and currently working through assignment paperwork to acquire interest.



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Summary of Contacts Royal Oak 25 Fed Com #006H-#009H Avant Operating, LLC Case No. 24543 Exhibit C-9



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ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
T.H. McElvain Oil & Gas LLLP	3.84%	3/7/2024	3/11/2024	Multiple conversations with owner to provide spud date and development plans. Owner returned elections to participate and signed JOA.
Caroline Hissom Wallace Trust	0.02%	3/11/2024	3/14/2024	Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Alexandra Hissom Trust	0.02%	4/10/2024	4/15/2024	Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Julia Ann Hissom Trust	0.02%	3/7/2024	3/9/2024	Spoke with owner on phone 4/16 and she provided updated address and sent proposals via email. Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Robert Hissom Trust	0.02%	3/7/2024	3/9/2024	Spoke with Louis Buffington, the Hissom family rep, many times over time period 5/17 to 6/10 regarding offer to purchase interest and well proposals. Sent Louis and family JOA for their review on 5/30. Owner returned signed JOA.
Budd Living Trust	0.02%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.
EOG Resources Inc.	6.25%	4/10/2024	4/15/2024	Well proposal package received. No further inquiries.
Trainer Partners, Ltd.	4.52%	3/12/2024	3/14/2024	Emailed owner in 2023 when first round of well proposals were sent. Provided WI/NRI information. Emailed with owner again 4/25 when new round of proposals were sent.
Community Minerals, LLC	4.49%	3/7/2024	3/9/2024	Emailed owner in 2023 when first round of well proposals were sent. Provided WI/NRI information. Emailed with owner again 4/25 when new round of proposals were sent.
COG Operating LLC	7.64%	3/7/2024	3/11/2024	Emailed COG on 3/27 to answer initial questions regarding development timing and provide WI/NRI. Sent JOA on 4/9. Received feedback via email on 5/29 and working through JOA discussions.



Summary of Contacts Royal Oak 25 Fed Com #006H-#009H Avant Operating, LLC Case No. 24543 Exhibit C-9



ALL of Section 25, Township 18 South, Range 33 East, N.M.P.M., & ALL of Section 36, Township 18 South, Range 33 East, N.M.P.M., Lea County, New Mexico

Owner Name	% of Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow-Up / Comments
				Predecessor in title, Baber Well Serving Company, Bovina Limited Liability Company and Bullet Limited Liability Company received well proposals in March. Red River noticed me of acquisition. Sent over JOA for review on 5/1, as well as
Red River Energy Partners	5.06%	3/7/2024	3/9/2024	several deal options.
Nearburg Exploration Company	1.40%	3/7/2024	3/9/2024	Emailed with owner regarding well proposals and title.
Trust B u/w/o Julie S. Herkenhoff, deceased	0.24%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.
Duran Properties, LLC	0.28%	4/10/2024	4/13/2024	Well proposal package received. No further inquiries.
The Ralph E. McElvain, Jr. Trust dated 12/13/2007	0.05%	4/10/2024	4/12/2024	Well proposal package received. No further inquiries.
Peggy McElvain	0.05%	4/10/2024	Undeliverable	Searched county records and White Pages for updated address information.
Heirs of Murrell J. Abbott & wife, Barbara Jane Abbott	0.09%	4/10/2024	4/15/2024	Emailed heir of Murrell and Barbara, and provided WI/NRI in unit. Sent a few title questions that need to be cleared up before offer is made.
MitchOil, LLC	0.09%	3/7/2024	3/9/2024	Emailed with owner on 3/18 to provide WI and NRI for owner.
Kaiser-Francis Oil Company	6.92%	3/7/2024	3/9/2024	Corresponded with Kaiser-Francis from 3/18 to present to discuss well proposals and potential deal ideas. Answered questions regarding WI/NRI and development timing. Sent JOA for review. Had technical call with Kaiser Francis team on 5/7 to discuss proposed wells. Still negotiating potential deal.
Earthstone Permian LLC	4.03%	3/7/2024	3/9/2024	Avant started deal negotiations with Permian Resources in November 2023. Both parties have had productive conversations and deal discussions since that date. Updated deal terms sent to Permian Resources in May 2024.
Maybole, LLC	0.79%	3/11/2024	3/14/2024	Emailed owner offer to purchase interest on 2/14 and 5/21- owner is reviewing offer.
McElvain Oil Company, LP	1.08%	3/11/2024	3/14/2024	Emailed owner regarding offer to purchase interest on 2/15 and 5/21.
Brian Peter McGary 2017 Revocable Trust	3.13%	3/11/2024	3/15/2024	Emailed Bank of America (trustee) on 3/22 with WI for trust. Received emailed on 4/16 with term assignment offer. Negotiating terms of term assignment.
McGary Family Trust	3.13%	3/11/2024	3/15/2024	Received email 6/7 from agent for trust, regarding well proposals. Provided updated address for owner and discussing potential deal options.
Mary Jane McGary Trust	3.13%	3/11/2024	3/15/2024	Well proposal package received. No further inquiries.
Jacqueline M. Withers Trust	4.69%	3/11/2024	Undeliverable	Emailed owner on 5/24 to discuss proposals and potential deal offers. Last known address is not deliverable.



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

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

CASE NOS. 24543 & 24544

AFFIDAVIT OF JOHN HARPER

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

1. My name is John Harper, and I am employed by Avant Operating, LLC ("Avant") as the Senior Vice President of Assets and Exploration.

2. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my qualifications as an expert in petroleum geology were accepted and made a matter of record. I have several years of experience in petroleum geological matters, and I have worked directly or in a supervisory role with the properties that are the subject of these matters.

3. I am familiar with the applications filed by Avant in these cases and the geology involved.

4. I am submitting this affidavit in support of Avant's applications in the abovereferenced cases pursuant to 19.15.4.12.(A)(1) NMAC.

5. **Avant Exhibit D-1** is a base map of the lands showing the proposed Bone Spring and Wolfcamp formation spacing units and wells.

6. **Avant Exhibit D-2** is a structure map showing the depth (subsea) to the top of the Bone Spring formation, a marker that defines the top of the target interval for the proposed wells. Contour interval of 200'. The unit being pooled is outlined in bold, and the proposed wells are

identified. The structure map shows regional down-dip to the south. I do not observe any faulting, pinchouts, or other geologic impediments to developing this target interval.

7. **Avant Exhibit D-3** is a structure map showing the depth (subsea) to the top of the Wolfcamp formation, a marker that defines the top of the target interval for the proposed wells. Contour interval of 200'. The unit being pooled is outlined in bold, and the proposed wells are identified. The structure map shows regional down-dip to the south. I do not observe any faulting, pinchouts, or other geologic impediments to developing this target interval.

8. **Avant Exhibit D-4** provides cross section locator maps that identifies wells penetrating the targeted intervals used to construct a structural cross-section from A to A'. These wells penetrate the targeted intervals, are of good quality, and are representative of the geology in the area.

9. **Avant Exhibit D-5** includes stratigraphic cross-sections flattened on the top of each proposed Bone Spring and Wolfcamp formation. Each well in the cross-section contains a gamma ray, resistivity, and porosity log. The cross-sections demonstrate continuity and consistent thickness across the target zone, and the well logs on the cross-section give a representative sample of the targeted interval. The landing zone is highlighted on the exhibit.

10. Based on the attached exhibits, I hereby conclude as follows:

a. The target formations are present and continuous throughout the lands subject to the applications.

b. The non-standard horizontal spacing and proration units are justified from a geologic standpoint.

c. There are no structural impediments or faulting that will interfere with horizontal development.

d. Each quarter-quarter section in the units will contribute more or less equally to production, and I can confirm each quarter section along the lateral will also contribute more or less equally to production.

e. The preferred well orientation in this area is North-South so that the wells run sub-perpendicular to the inferred orientation of the maximum horizontal stress. The standup orientation will efficiently and effectively develop the subject acreage.

11. **Exhibit D-1** through **Exhibit D-5** were prepared by me or compiled from Avant's company business records under my direct supervision.

12. The granting of these applications is in the best interest of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

13. I hereby swear that to the best of my knowledge and belief, all of the matters set forth herein and in the exhibits are true, correct, and accurate.

[*Remainder of page left intentionally blank*]

FURTHER AFFIANT SAYETH NOT.

Dated this 12 day of June, 2024. John Harper

Avant Operating

STATE OF COLORADO

)) ss.

CITY OF DENVER

The foregoing instrument was subscribed and sworn to before me this 19th/₂ day of June, 2024, by John Harper, Senior Vice President for Assets and Exploration for Avant Operating, LLC.

Witness my hand and official seal.

My commission expires: 9/20/2015

Katily Die

KATELYN DICK Notary Public State of Colorado Notary iD # 20214034126 My Commission Expires 08-26-2025 Regional Locator Map Royal Oak Federal Com #301-304H/501-504H/601-604H/#06H-#009H Avant Operating, LLC Case Nos. 24544 Exhibit D-1





First Bone Spring

Structure Map (TVDSS')

Royal Oak Federal Com #301-304H

Avant Operating, LLC Case Nos. 24544 Exhibit D-2





First Bone Spring Sand Structure (SS)

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Second Bone Spring Structure Map (TVDSS') Royal Oak Federal Com #501-504H Avant Operating, LLC Case Nos. 24544 Exhibit D-2



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Received by OCD: 7/9/2024 4:11:17 PM

Base of Bone Spring Structure Map (TVDSS') Royal Oak Federal Com #601-604H Avant Operating, LLC Case Nos. 24544 Exhibit D-2







Lower Wolfcamp Structure Map (TVDSS') Royal Oak Federal Com #006H-#009H

Avant Operating, LLC Case Nos. 24543 Exhibit D-3







Cross-Section Locator Map (A-A') Royal Oak Federal Com #301-304H









Cross-Section Locator Map (A-A') Royal Oak Federal Com #501-504H Avant Operating, LLC Case Nos. 24544 Exhibit D-4









Avant Operating, LLC Case Nos. 24544 Exhibit D-4



Cross-Section Locator Map (A-A') Royal Oak Federal Com #601-604H





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Cross-Section Locator Map (A-A') Royal Oak Federal Com #006H-#009H Avant Operating, LLC Case Nos. 24543 Exhibit D-4









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Stratigraphic Cross-Section A-A' Royal Oak Federal Com #301H-#304H





Stratigraphic Cross-Section A-A' Royal Oak Federal Com #501H-#504H

Avant Operating, LLC Case Nos. 24544 Exhibit D-5





Stratigraphic Cross-Section A-A' Royal Oak Federal Com #601H-#604H

Avant Operating, LLC Case Nos. 24544 Exhibit D-5







AVANT OPERATING, LLC 12

Stratigraphic Cross-Section A-A' Royal Oak Federal Com #006H-#009H

Avant Operating, LLC Case Nos. 24543 Exhibit D-5





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

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

CASE NOS. 24543 & 24544

AFFIDAVIT

STATE OF TEXAS)) ss. CITY AND COUNTY OF DALLAS)

Sophia A. Graham, attorney in fact and authorized representative of Avant Operating, LLC ("Avant"), the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application has been provided under Notice Letters dated May 20, 2024, which the Applicant mailed via U.S. Postal Service Certified Mail. Notice was delivered to the interested parties on or about May 28, 2024, as shown on certified mail receipts attached as Exhibit E.

Applicant also published notice of the Application in the Hobbs Daily News-Sun on June 16, 2024. Proof of receipts is shown on Exhibit F.

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SUBSCRIBED AND SWORN to before me on June 20th, 2024 by Sophia A. Graham.

My commission expires: 02/18/2024



Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit E

Released to Imaging: 7/10/2024 11:32:25 AM

OFFICE LOCATIONS

COLORADO

NEW MEXICO

WYOMING

BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW 1675 BROADWAY, SUITE 600 DENVER, CO 80202 TELEPHONE 303-407-4499 FAX 1-800-886-6566 www.bwenergylaw.com

JAMES P. PARROT

(303) 407-4458 JParrot@bwenergylaw.com

May 20, 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 Non-Standard Spacing Unit in Lea County, New Mexico (Case No. 24543)

Dear Interest Owners:

This letter is to advise you that Avant Operating LLC ("Avant") has filed the enclosed application, Case No. 24543, 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. 24543, 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 25 and 36, Township 18 South, Range 33 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 June 27, 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

BEATTY & WOZNIAK, P.C.

April 3, 2024 Case No. 24376 Page 2

scheduled hearing date. This statement must be submitted through the OCD E-Permitting system (<u>https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/</u>) 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, James P. Parrot at jparrot@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

James P. Parrot

Attorney for Avant Operating, LLC

Beatty & Wozniak, P.C. Energy in the Law[®]

OFFICE LOCATIONS

COLORADO

NEW MEXICO

WYOMING

BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW 1675 BROADWAY, SUITE 600 DENVER, CO 80202 TELEPHONE 303-407-4499 FAX 1-800-886-6566 www.bwenergylaw.com

JAMES P. PARROT

(303) 407-4458 JParrot@bwenergylaw.com

May 20, 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 Non-Standard Spacing Unit in Lea County, New Mexico (Case No. 24544)

Dear Interest Owners:

This letter is to advise you that Avant Operating LLC ("Avant") has filed the enclosed application, Case No. 24544, with the New Mexico Oil Conservation Division for Compulsory Pooling and Approval of Non-Standard Spacing Unit in Lea County, New Mexico.

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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

BEATTY & WOZNIAK, P.C.

April 3, 2024 Case No. 24376 Page 2

scheduled hearing date. This statement must be submitted through the OCD E-Permitting system (<u>https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/</u>) 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, James P. Parrot at jparrot@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

James P. Parrot

Attorney for Avant Operating, LLC

Beatty & Wozniak, P.C. Energy in the Law[®]

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MAIL DATE	OWNER	ADDRESS	TYPE_INT	MAIL CLASS
		Bone Spring 24544		
May 21, 2024	Baber Well Serving Company	PO Box 1772 Hobbs, NM 88241	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Earthstone Permian LLC	300 N. Marienfeld Street Suite 1000 Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Bovina Limited Liability Company	PO Box 1772 Hobbs, NM 88241	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Kaiser-Francis Oil Company	PO Box 21468 Tulsa, OK 74121-1468	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Community Minerals, LLC	2925 Richmond Ave, Ste 1200 Houston, TX 77098	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Nearburg Exploration Company	PO Box 823085 Dallas, TX 75382-3085	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	COG Operating LLC	600 W Illinois Ave Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Adams Family Living Trust	1015 Christian Lane Lucus, TX 75002	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	T.H. McElvain Oil & Gas LLLP	511 16th, Suite 700 Denver, Colorado 80202	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Prima Exploration	250 Fillmore Street Suite 500 Denver, Colorado 80206	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Caroline Hissom Wallace Trust, Caroline Hissom Wallace as Trustee	541 Lincoln Road Grosse Pointe, MI 48230	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Alexandra Carson Hissom Trust, Alexandra Carson Hissom Trustee	2084 North Ball Ave. Fayetteville, AR 72703	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Julia Ann Hissom Trust, Julia Ann Hissom as Trustee	1940 Fountainview Drive, Unit 141 Houston, TX 77057	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Robert Davis Hissom Trust, Robert Davis Hissom as Truatee	Houston, TX 77057	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Tamra Hissom Budd Trust, Keith Budd as Trustee	1616 South Voss Road, Ste 280 Houston, TX 77057	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	MitchOil, LLC	17878 W 77th Street North Haskell, OK 74436	WI	Certified w/ Return Receipt (Signature)

Case Nos. 24543 & 24544 Certified Mailing Status

•

May 21, 2024		7212 South Brook Drive	WI	
May 21, 2024	Val Joe Hill	Austin, Texas 78736	W1	Certified w/ Return Receipt (Signature)
May 21 2024		1808 W. 4th Street	WI	
		Roswell, NM 88201	**1	Certified w/ Return Receipt (Signature)
May 21, 2024		903 Cauthen Lane	WI	
Way 21, 2024	Jerry Kent Phillips	Alamogordo, NM 88130	**1	Certified w/ Return Receipt (Signature)
May 21, 2024		105 Sylvester Dr.	WI	
Widy 21, 2024	Connie Jean Phillips Jackson	Elkins, WV 26241	**1	Certified w/ Return Receipt (Signature)
May 21, 2024		6906 Fulton Ave.	WI	
Widy 21, 2024	Taylor Jordan Phillips Wayne	Lubbock, TX 79424	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		20 Smokey Trail	WI	
Widy 21, 2024	Terry Smith	Artesia, NM 88210	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		20 Smokey Trail	WI	
Widy 21, 2024	Larry Smith	Artesia, NM 88210	**1	Certified w/ Return Receipt (Signature)
	Kimbrough Working Interests,	3707 Camp Bowie Boulevard,		
May 21, 2024	LLC, c/o PlainsCapital Bank,	Suite 220	WI	
	Agent	Fort Worth, Texas 76107		Certified w/ Return Receipt (Signature)
May 21, 2024		P.O. Box 100416	WI	
Widy 21, 2024	Stumhoffer Family Partnership, LP	Fort Worth, TX 76185	**1	Certified w/ Return Receipt (Signature)
May 21, 2024		302 W. 4th Street	WI	
Widy 21, 2024	Terri Jan Smith	Hartford, AR 72938	**1	Certified w/ Return Receipt (Signature)
May 21, 2024		1405 First National Bank Building	WI	Certified w/ Return Receipt (not received yet as of
Widy 21, 2024	Trobaugh Properties	Midland, TX 79701	**1	6/11/2024)
May 21, 2024		PO Box 847	WI	
Way 21, 2024	Jerry Wilbanks	Juention, TX 76849	W 1	Certified w/ Return Receipt (Signature)
May 21, 2024		18 Boardman Avenue	WI	
Widy 21, 2024	Morris Associates II	Manchester, MA 01944	**1	Certified w/ Return Receipt (Signature)
		Barry A. Beal, Spencer E. Beal,		
		Keleen H. Beal and Kelly Beal, Co-		
May 21, 2024		Trustees	WI	
	Carlton Beal Family Trust for	104 S. Pecos Street		
	Kelly Beal	Midland, TX 79701		Certified w/ Return Receipt (Signature)
		Bank of America fka NCNB Texas		
		National Bank, Trustee for Trust		
May 21, 2024		#1430-1-09	WI	
		3030 W. Wall Street		
	Trust #1430-1-09	Midland, TX 79705		Certified w/ Return Receipt (Signature)
		Bank of America fka NCNB Texas		
		National Bank, Trustee for Trust		
May 21, 2024		#1430-3-09	WI	
		3030 W. Wall Street		
	Trust #1430-3-09	Midland, TX 79705		Certified w/ Return Receipt (Signature)

.

		Bank of America fka NCNB Texas		
May 21, 2024		National Bank, Trustee for Trust	WI	
		#1430-4-09		
		3030 W. Wall Street		Certified w/ Return Receipt (not received yet as of
	Trust #1430-4-09	Midland, TX 79705		6/11/2024)
	11ust #1450-4-07	Barry A. Beal, Spencer E. Beal and		0/11/2027)
May 21, 2024		Keleen H. Beal, Co-Trustees	WI	
	Carlton Beal Family Trust for	104 S. Pecos Street		
	Spencer Beal	Midland, TX 79701		Certified w/ Return Receipt (Signature)
	Spencer Bear	Kettleman Trust Company LTA,		Certified w/ Keturii Keeelpt (Signature)
May 21, 2024		Trustee	WI	
	Scott Evans Beal KBG 2020 GST	104 S. Pecos Street		
				Cartification (Datama Basaint (Signature))
	Gift Trust	Midland, TX 79701 Kettleman Trust Company LTA,		Certified w/ Return Receipt (Signature)
May 21, 2024		Trustee	WI	
	Land Chie Hinders L. KDC	104 S. Pecos Street		
	Lynard Chris Hinojosa, Jr. KBG			
	2020 GST Gift Trust	Midland, TX 79701 20 E. 76th Street, Unit 9D		Certified w/ Return Receipt (Signature)
May 21, 2024		· · · · · · · · · · · · · · · · · · ·	WI	
	Bernard E. Alpern Trust	New York, New York 10021 First City, Texas - Midland fka		Certified w/ Return Receipt (Signature)
May 21, 2024		First City National Bank, Trustee	WI	
		for Trust #0417-02-03-04		
	T	500 West Texas Avenue		
	Trust #0417-02-03-04	Midland, TX 79701 Bank of America fka NCNB Texas		Certified w/ Return Receipt (Signature)
May 21, 2024				
		National Bank, Trustee for Trust		
		#1430-2-09	WI	
		3030 W. Wall Street		
	Trust #1430-2-09	Midland, TX 79705		Certified w/ Return Receipt (Returned - Undelivered)
May 21, 2024		American State Bank, Trustee		
	Carlton Evans Beal, Jr. Family	500 W. Wall Street	WI	
	Trust fbo Carlton Beal, III	Midland, TX 79701		Certified w/ Return Receipt (Signature)
May 21, 2024		American State Bank, Trustee	WI	
	Carlton Evans Beal, Jr. Family	500 W. Wall Street		
	Trust fbo Cristina Johnstone	Midland, TX 79701		Certified w/ Return Receipt (Signature)
May 21, 2024		American State Bank, Trustee	WI	
	Carlton Evans Beal, Jr. Family	500 W. Wall Street		
	Trust fbo Helena Pedregon	Midland, TX 79701		Certified w/ Return Receipt (Returned - Undelivered)
		American State Bank, Trustee	WI	
May 21, 2024	Carlton Evans Beal, Jr. Family	500 W. Wall Street		
	Trust fbo Lauren Sherry	Midland, TX 79701		Certified w/ Return Receipt (Signature)
		American State Bank, Trustee		
----------------	----------------------------------	----------------------------------	---------------	--
May 21, 2024	Barry A. Beal Family Trust fbo	500 W. Wall Street	WI	
	Barry Beal, Jr.	Midland, TX 79701		Certified w/ Return Receipt (Signature)
		American State Bank, Trustee		
May 21, 2024	Barry A. Beal Family Trust fbo	500 W. Wall Street	WI	
101uy 21, 2021	Stuart Beal	Midland, TX 79701		Certified w/ Return Receipt (Signature)
		American State Bank, Trustee		
May 21, 2024	Barry A. Beal Family Trust fbo	500 W. Wall Street	WI	Certified w/ Return Receipt (not received yet as of
Widy 21, 2024	Elizabeth Beal Davenport	Midland, TX 79701	**1	6/11/2024)
		American State Bank, Trustee		0/11/2024)
May 21, 2024	Barry A. Beal Family Trust fbo	500 W. Wall Street	WI	
Way 21, 2024	Stephen Beal	Midland, TX 79701	**1	Certified w/ Return Receipt (Signature)
	Glickman Oil and Gas Properties,	6761 N. Montezuma Drive		Certified w/ Return Receipt (signature)
May 21, 2024	LLC	Tucson, AZ 85718	WI	6/11/2024)
		104 S. Pecos Street		0/11/2024)
May 21, 2024	BTA Oil Producers	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
	BIA OII FIOduceis	Bank of America fka NCNB Texas		Centified w/ Keturii Keceipt (Signature)
		National Bank, Trustee for Trust		
N 01 0004		#1430-5-09		
May 21, 2024			WI	
	T	3030 W. Wall Street		
	Trust #1430-5-09	Midland, TX 79705		Certified w/ Return Receipt (Signature)
May 21, 2024		130 East Avenue, Unit 540	WI	
,	Roger P. Palma	Rochester, NY 14604		Certified w/ Return Receipt (Signature)
May 21, 2024		104 S. Pecos Street	WI	
	Spencer E. Beal, Jr. GST Trust	Midland, TX 79701		Certified w/ Return Receipt (Signature)
May 21, 2024		104 S. Pecos Street	WI	
101dy 21, 2021	Kimberly E. Beal GST Trust	Midland, TX 79701	***	Certified w/ Return Receipt (Signature)
May 21, 2024	Rebecca G. Beal McClure GST	104 S. Pecos Street	WI	
Widy 21, 2024	Trust	Midland, TX 79701	**1	Certified w/ Return Receipt (Returned - Undelivered)
May 21, 2024		104 S. Pecos Street	WI	
Way 21, 2024	Barry Beal	Midland, TX 79701	**1	Certified w/ Return Receipt (Signature)
May 21, 2024		104 S. Pecos Street	WI	
Way 21, 2024	Barry Beal, Jr.	Midland, TX 79701	VV 1	Certified w/ Return Receipt (Signature)
May 21, 2024		214 W. Texas Avenue, Suite 1101	WI	
May 21, 2024	Forman Energy Corporation	Midland, TX 79701	VV I	Certified w/ Return Receipt (Signature)
Mary 21, 2024		104 S. Pecos Street	WI	Certified w/ Return Receipt (not received yet as of
May 21, 2024	Robert M. Davenport, Jr.	Midland, TX 79701	W I	6/11/2024)
May 21, 2024		104 S. Pecos Street	W/I	
	Stuart E. Beal	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
N 01 000 f		104 S. Pecos Street	XX / T	
May 21, 2024	Kelly Beal	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
		104 S. Pecos Street		
May 21, 2024	Spencer Beal	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)

	Morgan Guaranty Trust Company		1	
	of New York, Trustee u/w/o Geral			
May 21, 2024	N. Frank fbo Peter Frank and his	60 Wall Street	WI	
	Descendants	New York, NY 10260		Certified w/ Return Receipt (Signature)
	Morgan Guaranty Trust Company	New Fork, N F 10200		Certified w/ Return Receipt (Signature)
	of New York, Trustee u/w/o Geral			
May 21, 2024	N. Frank fbo Lynn Bettman and her	60 Wall Street	WI	
	Descendants	New York, NY 10260		Certified w/ Return Receipt (Signature)
	Descendants	104 S. Pecos Street		Certified w/ Return Receipt (Signature)
May 21, 2024	Carlton Beal, Jr.	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
	Cariton Bear, JI.	2 September Lane		Certified w/ Return Receipt (Signature)
May 21, 2024	Elizabeth W. Murov, LLC (JVI)	Glen Cove, NY 11542	WI	Certified w/ Return Receipt (Signature)
	Elizabeti W. Mulov, LEC (J VI)	c/o Barry Beal and Spencer Beal		Certified w/ Return Receipt (Signature)
May 21, 2024	Blank Living Investment Trust	104 S. Pecos	WI	
Wiay 21, 2024	dated 7/24/1989	Midland, TX 79701	vv I	Certified w/ Return Receipt (Signature)
	dated 7/24/1989	1755 W. Armitage Avenue		Certified w/ Return Receipt (Signature)
May 21, 2024	Allan E. Bulley, Jr.	Chicago, IL 60622	WI	Certified w/ Return Receipt (Signature)
	Cerri Family Trust uta dated	9369 Langdon Court		Certified w/ Keturii Keceipt (Signature)
May 21, 2024	12/6/1988	Elk Grove, CA 95624	WI	Certified w/ Return Receipt (Signature)
	12/0/1988	1901 Madison Avenue, Unit 521		Certified w/ Return Receipt (Signature)
May 21, 2024	Phyllis Mack	New York, NY 10035	WI	Certified w/ Return Receipt (Signature)
	I HYHIS WACK	1901 Madison Avenue, Unit 521		Certified w/ Return Receipt (Signature)
May 21, 2024	Phyllis Mack, Trustee	New York, NY 10035	WI	Certified w/ Return Receipt (Signature)
	Thyms Wack, Hustee	104 S. Pecos Street		Certified w/ Return Receipt (Signature)
May 21, 2024	The R Company	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
	The R Company	3209 Great Meadow Road		Certified w/ Return Receipt (Signature)
May 21, 2024	Sydell Shaw and Gerald Shaw	Dedham, MA 02026	WI	Certified w/ Return Receipt (Signature)
	Syden Shaw and Gerald Shaw	C/O Mark Trione		Certified w/ Return Receipt (Signature)
May 21, 2024	Trione Interest	P. O. Box NN	WI	
Wiay 21, 2024	C/O Mark Trione	Santa Rosa, CA 95402	**1	Certified w/ Return Receipt (Signature)
		27 Hurlbut Street		Certified w/ Return Receipt (Signature)
May 21, 2024	Jane C. Gottschalk, SSP	Cambridge, MA 02138	WI	Certified w/ Return Receipt (Signature)
	Jane C. Gousenaik, 551	Salvatore Giordano, Jr. and Joseph		Certified w/ Return Receipt (Signature)
		Giordano, Co-Trustees		
May 21, 2024	Salvatore Giordano 1990	65 Peachcroft Drive	WI	
	Irrevocable Family Trust	Bernardsville, NJ 07924		Certified w/ Return Receipt (Signature)
		104 S. Pecos Street		Contined w/ Return Receipt (Signature)
May 21, 2024	Davenport Conger Properties, LP	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
	Davenport Conger Froperties, El	600 N. Marienfeld Street, Suite		Continue w/ Return Recorpt (Signature)
May 21, 2024		1020	WI	
	Currie Family Resources, LP	Midland, TX 79701	** 1	Certified w/ Return Receipt (Signature)
		104 S. Pecos Street		Contined w/ Return Recorpt (Signature)
May 21, 2024	Scott Evans Beal	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
	Scou Evans Deal	winutaliu, 1A / 7/01		Contined w/ Ketuin Keceipi (Signature)

		Scott Evans Beal, Lynard Chris		
		Hinojosa, Jr., Trustees		
May 21, 2024	Lynard Chris Hinojosa, Jr. Living	104 S. Pecos Street	WI	
	Trust	Midland, TX 79701		Certified w/ Return Receipt (Signature)
NA 01 0004	Abby R. Bloch aka Abby	3546 Surfwood Road	XX /7	
May 21, 2024	Spiegelman	Malibu, CA 90265	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		67 Walnut Place	WI	
Way 21, 2024	Kathy Spiegelman	Brookline, MA 02445	VV 1	Certified w/ Return Receipt (Signature)
May 21, 2024		3 E. Lenox Street	WI	
1111 21, 2021	James Spiegelman	Chevy Chase, MD 20815		Certified w/ Return Receipt (Signature)
		Harold E. Henderson, Trustee		
May 21, 2024	Harold E. Henderson Self Trusted	1439 Laamia Street	WI	
	Trust dated 8/7/1987	Honolulu, HI 96821		Certified w/ Return Receipt (Signature)
		Janet M. Henderson, Trustee		
May 21, 2024	Janet M. Henderson Self Trusted	1903 Nuna Place	WI	
	Trust dated 8/7/1987	Honolulu, HI 96821 C/O Steven Ecoff		Certified w/ Return Receipt (Signature)
	Talas II. A California Conserva			
May 21, 2024	Telco II, A California General	1357 Madrone Lane	WI	
	Partnership	San Luis Obispo, CA 93401 Vincent E. Gisler, Trustee of		Certified w/ Return Receipt (Signature)
		Successor Trustee	WI	
May 21, 2024	Cialan Family Trust Community	3242 Ludlow Avenue		
•	Gisler Family Trust-Community			Certificatory Determine (Circusters)
	Property uad 1128/2000	Las Vegas, NV 89121 Gregory Ralph Stone, Trustee		Certified w/ Return Receipt (Signature)
N 01 0004			33.71	
May 21, 2024		8	WI	
	Gregory Ralph Stone 2004 Trust Robert H. McCall aka R. H.	Fairfax, VA 22030 4900 SW Humphrey Blvd.		Certified w/ Return Receipt (Signature)
May 21, 2024	McCall	Portland, OR 97221	WI	Cartification (Datama Dagaint (Signature)
-	McCall	4201 Glenalbyn Drive, Unit 3		Certified w/ Return Receipt (Signature)
May 21, 2024	Carroll Cartwright, III, SSP	Los Angeles, CA 90065	WI	Certified w/ Return Receipt (Signature)
	Carton Cartwright, III, 55F	770 Boylston Street, Unit 26H		Certified w/ Return Receipt (Signature)
May 21, 2024	Georgette Cartwright Nichols, SSP	Boston, MA 02199	WI	Certified w/ Return Receipt (Signature)
	Georgette Cartwright Menois, SSF	Lawrence Chaffin, Jr., Trustee		Certified w/ Keturii Keceipt (Signature)
May 21, 2024	Trustee uta dated 8/7/1990 of	2211 Pane Road, Unit A	WI	
Iviay 21, 2024	Lawrence Chaffin	Koloa, HI 96756	vv I	Certified w/ Return Receipt (Signature)
		James McKittrick, Jr., Trustee		Continua w/ Return Receipt (Signature)
May 21, 2024	McKittrick Living Trust dated	2439 SW Vacuna Street	WI	
	12/25/2017	Portland, OR 97219	**1	Certified w/ Return Receipt (Signature)
		Andrew Steven Halperin, Trustee		Contined w/ Return Receipt (Signature)
May 21, 2024		1200 Ironsmith Drive, Unit 3030	WI	
way 21, 2024	Michele J. David Family Trust	Kissimmee, FL 34747	** 1	Certified w/ Return Receipt (Signature)
	Ivitencie J. David Faimiy Hust	Kissiiiiiilee, FL 34/4/		Continua w/ Ketunii Keeeipi (Signature)

		M. Robert Gallop, Trustee	1	
	M. Robert Gallop 1997 Revocable	C/O Barbara G. Gilbert		
May 21, 2024	Trust u/a dated $11/12/197$	121 Law Road	WI	
		Briarcliff Manor, NY 10510		Certified w/ Return Receipt (Signature)
		39 Colonial Drive		Contined w/ Retain Receipt (Signature)
May 21, 2024	Patricia A. Shea Ryan	Manhasset, NY 11030	WI	Certified w/ Return Receipt (Signature)
		17 E 89th Street		
May 21, 2024	Patricia M. Booth	New York, NY 10128	WI	Certified w/ Return Receipt (Signature)
		155 Silver Hollow Road		
May 21, 2024	Jonathan Gould	Willow, NY 12495	WI	Certified w/ Return Receipt (Signature)
		15721 Quince Trace Terrace		
May 21, 2024	Judson Gould	North Potomac, MD 20878	WI	Certified w/ Return Receipt (Signature)
		William Andrew Shea and Francis		
M 01 0004		Scott Shea, Trustees	33.71	
May 21, 2024	Trust u/w/o May Nora Shea fbo	24 Brook Hills Circle	WI	
	William A. Shea, Jr.	White Plains, NY 10605		Certified w/ Return Receipt (Signature)
		Andrew Steven Halperin, Trustee		
May 21, 2024	Andrew Steven Halperin Family	1200 Ironsmith Drive, Unit 3030	WI	
	Trust dated 1/1/2007	Kissimmee, FL 34747	l	Certified w/ Return Receipt (Signature)
May 21, 2024		2 5th Avenue, Unit 3T	WI	
Way 21, 2024	Seth J. Atlas	New York, NY 10011		Certified w/ Return Receipt (Signature)
May 21, 2024		31 Melby Lane	WI	
Widy 21, 2024	Clifford R. Atlas	Roslyn, NY 11576	**1	Certified w/ Return Receipt (Signature)
May 21, 2024		3863 Fenway Circle	WI	
Widy 21, 2024	Robin Stone Smith	Rocklin, CA 95677	**1	Certified w/ Return Receipt (Signature)
		Matthew P. and Megan G. Portoni,		
May 21, 2024	Matthew P. Portoni and Megan G.	Trustees	WI	
1111 21, 2021	Portoni Revocable Family Trust	408 Heather Ridge Court		
	dated 10/8/2018	San Ramon, CA 94582		Certified w/ Return Receipt (Signature)
		Barbara G. Gilbert, Trustee		
May 21, 2024	Barbara G. Gilbert 1997 Revocable		WI	
	Trust	Briarcliff Manor, NY 10510		Certified w/ Return Receipt (Signature)
May 21, 2024		810 Kennington Road	WI	
	Andrew L. Klau	Reisterstown, MD 21136		Certified w/ Return Receipt (Signature)
May 21, 2024		6125 Warner Drive	WI	
	Edward D. Klau	Los Angeles, CA 90048		Certified w/ Return Receipt (Signature)
May 21, 2024	T 1 .1 T TZ1	4412 Vinton Avenue	WI	
* *	Lisbeth L. Klau	Culver City, CA 90232		Certified w/ Return Receipt (Signature)
May 21, 2024		3450 S. Ocean Blvd, Unit 811	WI	
• ·	Patricia Ann Wolff	Palm Beach, FL 33480 104 S. Pecos Street		Certified w/ Return Receipt (Signature)
May 21, 2024	Spencer Beal Family Trust fbo		WI	Contification Detains Descript (Constant)
	Spencer Beal, Jr.	Midland, TX 79701		Certified w/ Return Receipt (Signature)

N 21 2024	Spencer Beal Family Trust fbo	104 S. Pecos Street	N /I	
May 21, 2024	Kimberly Beal	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
Marc 21, 2024	Spencer Beal Family Trust fbo	104 S. Pecos Street	WI	
May 21, 2024	Rebecca Beal	Midland, TX 79701		Certified w/ Return Receipt (Signature)
Mar. 21, 2024	Kelly Beal Family Trust fbo Robin	104 S. Pecos Street	WI	
May 21, 2024	Beal	Midland, TX 79701	W1	Certified w/ Return Receipt (Signature)
May 21, 2024	Kelly Beal Family Trust fbo Leigh	104 S. Pecos Street	WI	
May 21, 2024	Beal	Midland, TX 79701	VV I	Certified w/ Return Receipt (Signature)
May 21, 2024	Kelly Beal Family Trust fbo Kelley	104 S. Pecos Street	WI	
May 21, 2024	Beal	Midland, TX 79701	W I	Certified w/ Return Receipt (Signature)
		Roberta H. Brayer, Trustee		
May 21, 2024	Roberta H. Brayer Family Trust	55 River Front Drive, Unit 219	WI	
	dated 1/1/2007	Manchester NH 03102		Certified w/ Return Receipt (Signature)
		Alexander Fisher, Trustee		
May 21, 2024	Alexander E. Fisher Trust u/w/o	P. O. Box 277	WI	
	Dora Fisher	Bridgewater, NJ 06752		Certified w/ Return Receipt (Signature)
May 21, 2024		14342 Sports Club Way	WI	
Widy 21, 2024	Ellen R. Harvey, Individually	Orlando, FL 32837	** 1	Certified w/ Return Receipt (Signature)
May 21, 2024		7 Doral Greens Drive W	WI	
Widy 21, 2024	Steven A. Ruskin, Individually	Rye Brook, NY 10573		Certified w/ Return Receipt (Signature)
May 21, 2024	The Kathryn Patricia Beal GST	104 S. Pecos Street	WI	
Widy 21, 2024	Gift Trust	Midland, TX 79701		Certified w/ Return Receipt (Signature)
May 21, 2024	The Cynthia Keleen Beal GST Gift		WI	
Widy 21, 2024	Trust	Midland, TX 79701	**1	Certified w/ Return Receipt (Signature)
May 21, 2024	The Ashley Carruth Beal GST Gift		WI	
1111 21, 2021	Trust	Midland, TX 79701		Certified w/ Return Receipt (Signature)
May 21, 2024	The Michael Adams Beal GST Gift		WI	
1111 21, 2021	Trust	Midland, TX 79701		Certified w/ Return Receipt (Signature)
May 21, 2024		104 S. Pecos Street	WI	
111ay 21, 2021	Ashley Beal LaFevers	Midland, TX 79701		Certified w/ Return Receipt (Signature)
		2925 Richmond Avenue, Suite		
May 21, 2024		1200	WI	
	Trainer Partners, Ltd.	Houston, Texas 77098		Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 1772	WI	
1111 21, 2021	Bullet Limited Liability Company	Hobbs, NM 88241		Certified w/ Return Receipt (Signature)
May 21, 2024	Trust B u/w/o Julie S. Herkenhoff,	PO Box 1217	WI	
111ay 21, 2021	deceased	Albuquerque, NM 87103		Certified w/ Return Receipt (Signature)
May 21, 2024		430 California Ave	WI	
	Duran Properties, LLC	McFarland, CA 93250		Certified w/ Return Receipt (Signature)
May 21, 2024	The Ralph E. McElvain, Jr. Trust	5318 Cottonwood Club Circle	WI	
	dated 12/13/2007	Salt Lake City, UT 84117		Certified w/ Return Receipt (Signature)
May 21, 2024		14400 Russell St.	WI	
1114 21, 2027	Peggy McElvain	Overland Park, KS 66223	**1	Certified w/ Return Receipt (Signature)

	Heirs of Murrell J. Abbott & wife,			
May 21, 2024	Barbara Jane Abbott, both	1923 W Bender Blvd	WI	
	deceased	Hobbs, NM 88240		Certified w/ Return Receipt (Signature)
		1522 E Rio Mesa Trail		
May 21, 2024	Budd Living Trust	Cottonwood, AZ 86326	WI	Certified w/ Return Receipt (Signature)
NA 01 0004		P. O. Box 563	3377	
May 21, 2024	Nancy Fram Trust A	Roswell, NM 88202-0563	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		P. O. Box 563	WI	
May 21, 2024	Nancy Fram	Roswell, NM 88202-0563	vv 1	Certified w/ Return Receipt (Signature)
May 21, 2024		P. O. Box 801888	WI	
1111 21, 2021	McElvain Oil Company, LP	Dallas, TX 75380		Certified w/ Return Receipt (Signature)
May 21, 2024		4005 Euclid Ave.	WI	
	Maybole, LLC	Dallas, TX 75205		Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 2040	WI	
	Buckeye Energy Inc.	Granbury, TX 76048 308 E. Garfield Street	-	Certified w/ Return Receipt (Signature)
May 21, 2024			WI	Contification (Distance Discount (Cinestance))
	Nancy Gillis Sobeck	Del Rio, TX 78840 3300 North A Street, Bld. 4, Ste.		Certified w/ Return Receipt (Signature)
Mary 21, 2024		102	WI	
May 21, 2024	MATCO 850, Ltd.	Midland, TX 79705	W1	Certified w/ Return Receipt (Signature)
	MATCO 850, Etd.	9205 Highway 71 West		Certified w/ Return Receipt (Signature)
May 21, 2024	David M. Trainer	Austin, TX 78736	WI	Certified w/ Return Receipt (Signature)
	Kinnard Family Trust dated June 4,			Certified w/ Retain Receipt (Signature)
May 21, 2024	1999	Mesa, AZ 85213	WI	Certified w/ Return Receipt (Signature)
		901 Main St., STE 5500		
May 21, 2024	Cavalry Energy Partners, LLC	Dallas, TX 75202	WI	Certified w/ Return Receipt (Signature)
		1728 N. Sanders Street		
May 21, 2024	John R. Holloway (Life Estate)	Helena, MT 59601	WI	Certified w/ Return Receipt (Signature)
Mary 21, 2024	Moser Revocable Trust, Charles E.	1843 Los Lagos Cir.	WI	
May 21, 2024	Moser and Vicky J. Moser	Lake Havasu City, AZ 86403	vv 1	Certified w/ Return Receipt (Signature)
May 21, 2024		1289 W. Valley Road	WI	
Widy 21, 2024	Peggy Runyan	West Branch, MI 48661	**1	Certified w/ Return Receipt (Signature)
		Brian Peter McGary, Trustee		
May 21, 2024	Brian Peter McGary 2017	P. O. Box 830308	WI	
	Revocable Trust	Dallas, Texas, 75283-0308		Certified w/ Return Receipt (Signature)
May 21, 2024		Mary Jane McGary, Trustee, Bank		
		of America, N.A., Agent	WI	
		P. O. Box 830308		
	Mary Jane McGary Trust	Dallas, Texas, 75283-0308 Kelly McGary, Trustee	+	Certified w/ Return Receipt (Signature)
N 01 0004		P. O. Box 830308	33.71	
May 21, 2024	McGary Family Trust	P. O. Box 830308 Dallas, Texas, 75283-0308	WI	Certified w/ Return Receipt (Signature)
	inicoary rainity trust	Danas, Texas, 73283-0308		Cerunica w/ Keturn Kecelpt (Signature)

		Jacqueline M. Withers, Trustee		
Mar 21 2024		3429 Devonshire Way	33.71	
May 21, 2024	Jacqueline M. Withers Revocable	Palm Beach Gardens, Florida	WI	
	Trust	33418-6881		Certified w/ Return Receipt (Signature)
		Peggy I. Whitaker, Trustee		
May 21, 2024		1001 W. Mesa Verde	WI	
	Whitaker Family Trust	Hobbs, NM 88240		Certified w/ Return Receipt (Signature)
		Keith Budd, Trustee of the Tamra		
$M_{\rm ev} 21, 2024$		Hissom Budd Trust	WI	
May 21, 2024	Estate of Ronny J. Hissom,	1616 South Voss Road, Ste 280	W I	
	deceased	Houston, TX 77057		Certified w/ Return Receipt (Signature)
		Robert Davis Hissom, Trustee of		
May 21, 2024		the Robert Davis Hissom Trust	WI	
Iviay 21, 2024	Estate of Ronny J. Hissom,	1616 South Voss Road, Ste 280	VV 1	
	deceased	Houston, TX 77057		Certified w/ Return Receipt (Signature)
		Caroline Hissom Wallace, Trustee		
		of the Caroline Hissom Wallace		
May 21, 2024		Trust	WI	
	Estate of Ronny J. Hissom,	541 Lincoln Road		
	deceased	Grosse Pointe, Ml 48230		Certified w/ Return Receipt (Signature)
		Julia A. Hissom, Trustee of the		
May 21, 2024		Julia A. Hissom Trust	WI	
	Estate of Ronny J. Hissom,	1940 Fountainview Drive, Unit 141		
	deceased	Houston, TX 77057		Certified w/ Return Receipt (Signature)
		Alexandra Carson Hissom, Trustee		
		of the Alexandra Carson Hissom		
May 21, 2024		Trust	WI	
	Estate of Ronny J. Hissom,	2084 North Ball Ave.		
	deceased	Fayetteville, AR 72703		Certified w/ Return Receipt (Signature)
		c/o Norma L. Thompson		
May 21, 2024		11000 Anderson Mill Road #108	WI	
	All-Liberty Energy Co.	Austin, Texas 78750		Certified w/ Return Receipt (Signature)
		John R. Holloway		
May 21, 2024	Estate of Patty Hill Holloway,	10213 Rising Smoke Loop	WI	
	deceased	Austin, TX 78736		Certified w/ Return Receipt (Signature)
May 21, 2024		Vall Joe Hill		
	Estate of Patty Hill Holloway,	7212 South Brook Drive	WI	
	deceased	Austin, TX 78736		Certified w/ Return Receipt (Signature)
		Ellen Dietz Phillips		
May 21, 2024		1326 Yucca Dr.	WI	
	Estate of Gerald Phillips, Deceased	Lovington, NM 88260		Certified w/ Return Receipt (Signature)

r		Jerry Kent Phillips	1	
N 01 0004		903 Cauthen Ln.	11/1	
May 21, 2024			WI	
	Estate of Gerald Phillips, Deceased	Alamogordo, NM 88130 Connie Jean Jackson	-	Certified w/ Return Receipt (Signature)
May 21, 2024		105 Sylvester Dr.	WI	
	Estate of Gerald Phillips, Deceased			Certified w/ Return Receipt (Signature)
		Taylor Jordan Phillips		
May 21, 2024		6906 Fulton Ave.	WI	
				Certified w/ Return Receipt (Signature)
	Ann Kimbrough Irrevocable Trust	C/O PlainsCapital Bank, Agent		
May 21, 2024	Share of The Calvin and Ann	3707 Camp Bowie Blvd. Ste 220	WI	
	Kimbrough Revocable Trust	Fort Worth, TX 76107		Certified w/ Return Receipt (Signature)
1 01 0004		44 Cook Street, Suite 1000	11/1	
May 21, 2024	Franklin Mountian Energy 3, LLC	Denver, CO 80206	WI	Certified w/ Return Receipt (Signature)
1. 21. 2024		3106 Elm Tree Ln.	ODDI	
May 21, 2024	Kathleen A. Tsibulsky	Raleigh, North Carolina 27614	ORRI	Certified w/ Return Receipt (Signature)
		20 Bloomingdale Ave.		
May 21, 2024	Michelle Blum	Akron, New York 14001	ORRI	Certified w/ Return Receipt (Signature)
		10112 Claibourne Pl.		1 (5 /
May 21, 2024	Christine A Kelly	Raleigh, North Carolina 27615	ORRI	Certified w/ Return Receipt (Signature)
	The William Patrick Ashworth and			
May 21, 2024	Michelle Marie Ashworth Living	9610 Stage Rd.	ORRI	
Widy 21, 2024	Trust	Arkport, New York 14807	oldd	Certified w/ Return Receipt (Signature)
	11456	33 George St.		Contined w/ Rotani Receipt (Signature)
May 21, 2024	Gregory Ashworth	Wellsville, New York 14895	ORRI	Certified w/ Return Receipt (Signature)
		1577 Yankee Ln.		Certified w/ Ketulii Keeelpt (Signature)
May 21, 2024	John P. Ashworth	Hornell, New York 14843	ORRI	Certified w/ Return Receipt (Signature)
	John F. Ashworth	505 W. Main St.	-	Certified w/ Keturii Keceipt (Signature)
May 21, 2024	Sharkes Energy LLC		ORRI	Cartification / Datum Dagaint (Signature)
	Sharbro Energy, LLC	Artesia, New Mexico 88210 PO Box 4362		Certified w/ Return Receipt (Signature)
May 21, 2024	FOC Damage Inc		ORRI	Castification Determine (Construct)
	EOG Resources, Inc.	Houston, Texas 77210		Certified w/ Return Receipt (Signature)
	The First National Bank, Trustee of			
May 21, 2024	the Mary Anne Berliner		ORRI	
	Foundation Established under Trust			
	Agreement, dated February 1, 2000			Certified w/ Return Receipt (Signature)
May 21, 2024		2720 Gregory St.	ORRI	
	HTI Resources, Inc.	Savannah, Georgia 31404	5144	Certified w/ Return Receipt (Signature)
May 21, 2024	NationsBank of Texas, N.A.,	2911 Turtle Creek Blvd., Ste. 850	ORRI	
1v1ay 21, 2024	Trustee of Sabine Royalty Trust	Dallas, Texas 75219		Certified w/ Return Receipt (Signature)
May 21, 2024		741 N. Vermont Ave.	ORRI	
Iviay 21, 2024	Braille Institute of America, Inc.	Los Angeles, California 90029	UKKI	Certified w/ Return Receipt (Signature)

	Bank of America, N.A., Sole			
	Trustee of the Selma E. Andrews			
May 21, 2024	Trust, for the benefit of Peggy	PO Box 830308	ORRI	
	Barrett	Dallas, Texas 75283		Certified w/ Return Receipt (Signature)
	Bank of America, N.A., Sole			
May 21, 2024	Trustee of the Selma E. Andrews	PO Box 830308	ORRI	
5 /	Perpetual Charitable Trust	Dallas, Texas 75283		Certified w/ Return Receipt (Signature)
		1600 Stout Street		
May 21, 2024		Suite 500	ORRI	
•	T.H. McElvain Oil and Gas LLLP	Denver, Colorado 80202		Certified w/ Return Receipt (Signature)
N 01 0004		1515 Wynkoop Street, Ste 700	ODDI	
May 21, 2024	Avant Operating, LLC	Denver, Colorado 80202	ORRI	Certified w/ Return Receipt (Signature)
	Brian Peter McGary 2017	Bank of America, N.A., Agent		
May 21, 2024	Revocable Trust	P.O. Box 830308	ORRI	
•	Brian Peter McGary, Trustee	Dallas, Texas 75283-0308		Certified w/ Return Receipt (Signature)
	Mary Jane McGary Trust	4925 Greenville Avenue, Suite		
May 21, 2024	Mary Jane McGary, Trustee	1110	ORRI	
	c/o Blue Barrel consulting	Dallas, Texas 75206-4022		Certified w/ Return Receipt (Signature)
	McGary Family Trust	4925 Greenville Avenue, Suite		
May 21, 2024	Mary Jane McGary, Trustee	1110	ORRI	
	c/o Blue Barrel consulting	Dallas, Texas 75206-4022		Certified w/ Return Receipt (Signature)
	Whitney Hopkins as Successor			
Mars 21, 2024	Trustee of the	3429 Devonshire Way	ODDI	
May 21, 2024	Jacquelin M. Withers Revocable	Palm Beach Gardens, Florida	ORRI	
	Trust	33418		Certified w/ Return Receipt (Signature)
Mary 21, 2024		P.O. Box 801888	ORRI	
May 21, 2024	McElvain Oil Company, LP	Dallas, Texas 75380	OKKI	Certified w/ Return Receipt (Signature)
Mary 21, 2024		4005 Euclid Avenue	ORRI	
May 21, 2024	Maybole, LLC	Dallas, Texas 75205	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		2925 Richmond Avenue, Ste 1200	ORRI	
May 21, 2024	Community Minerals, LLC	Houston, Texas 77098	OKKI	Certified w/ Return Receipt (Signature)
	Ronald A. Janes as Independent			
May 21, 2024	Executor of the Estate David	615 Perry St.	ORRI	
	Trainer, deceased	Marlin, Texas 76661		Certified w/ Return Receipt (Signature)
May 21, 2024		4952 Briarwood Pl.	ORRI	
Way 21, 2024	Jane Riddle Lancaster	Dallas, Texas 75209	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		500 W. Illinois, Ste. 1100	ORRI	
1v1ay 21, 2024	Turner Stagner, LP	Midland, Texas 79701		Certified w/ Return Receipt (Signature)
May 21, 2024		3096 Frandoras St.	ORRI	
Iviay 21, 2024	Kelly Dion Coll	Oakley, California 94561	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		1819 Denver West Dr., Ste. 260	ORRI	
1v1ay 21, 2024	Thomaston, LLC	Lakewood, Colorado 80401		Certified w/ Return Receipt (Signature)

		2816 W. 67th Street		
May 21, 2024		Mission Hills	ORRI	
1111 July 21, 2021	Kay W. Beck	Kansas, 66208	oluu	Certified w/ Return Receipt (Signature)
		7320E Rose Lane	ODDI	
May 21, 2024	Bruce G. Bumgarner	Scottsdale, Arizona 85250	ORRI	Certified w/ Return Receipt (Signature)
N/ 01 0004	ŭ	7307 Rockwood Rd.	ODDI	
May 21, 2024	Anne M. Wadill	Wichita, Kansas 67206	ORRI	Certified w/ Return Receipt (Signature)
M		416 Viale Bond Street	ORRI	
May 21, 2024	Trustee of Diane Coston Trust	Roswell, NM 88201	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 358	ORRI	
May 21, 2024	Douglas L Schaefer	Roswell, NM 88203	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		1407 Berrendo Rd.	ORRI	
May 21, 2024	Dorothy Lou Martin	Roswell, NM 88201	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		4946 N Sherman Ave. Unit H	ORRI	
Way 21, 2024	Joyce Zynda	Madison, Wisconsin 53704	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		2613 Coolidge Street	ORRI	
May 21, 2024	James D. Jones	Madison, Wisconsin 53704	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		2925 Richmond Ave., Suite 1200	ORRI	
Way 21, 2024	Trainer Partners, Ltd.	Houston, Texas 77098	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		1401 Lawrence St., Suite 1750	ORRI	
Way 21, 2024	Sitio Permian, LLC	Denver, Colorado 80202		Certified w/ Return Receipt (Signature)
May 21, 2024	Donnie Michael and wife, Karen	338 Wicker Way	ORRI	
May 21, 2024	W. Michael	Fredericksburg, Texas 78624	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		34 S. Wyden Dr. Ste. 210	ORRI	
Way 21, 2024	Post Oak Mavros II, LLC	Houston, Texas 77056	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		P. O. Box 50820	ORRI	
Way 21, 2024	Sortida Resources, LLC	Midland, Texas 79710	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		P. O. Box 50820	ORRI	
Way 21, 2024	Oak Valley Minerals and Land, LP	Midland, Texas 79710	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		P. O. Box 2078	ORRI	
Wiay 21, 2024	Platform Energy IV, LLC	Abilene, Texas 79604	ORR	Certified w/ Return Receipt (Signature)
May 21, 2024		P. O. Box 410	ORRI	
Wiay 21, 2024	Gary Wyvil Whitlow	Hawkins, Texas 75765	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		315 John Prince	ORRI	
May 21, 2024	Linda Kay Whitlow	Blanco, Texas 78606	OKKI	Certified w/ Return Receipt (Signature)
May 21, 2024		13095 Fieldstone Loop	ORRI	
1910y 21, 2027	Gayna Lea Whitlow Smith	Austin, Texas 78737		Certified w/ Return Receipt (Signature)
May 21, 2024		3310 Fairmount St., Apt 11a	ORRI	
1viay 21, 2024	Caroline Free Bagot	Dallas, Texas, 75201		Certified w/ Return Receipt (Signature)
May 21, 2024		1300 Eldorado Pkwy Apt 301	ORRI	
Wiay 21, 2024	Mary Margery Free	McKinney, Texas, 75069		Certified w/ Return Receipt (Signature)

		Annette I. Casey, Trustee		1
May 21, 2024		4010 Dunkirk St.	ORRI	
May 21, 2024	Casey Trust	Midland, Texas 79707	OKKI	Certified w/ Return Receipt (Signature)
	Marion Leone Spears, Life Tenant			Certified w/ Return Receipt (Signature)
May 21, 2024	Warton Leone Spears, Ene Tenant	Kerrville, Texas 78029	ORRI	Certified w/ Return Receipt (Signature)
	John and Theresa Hillman Family	Kenvine, Texas 78023		Certified w/ Return Receipt (Signature)
$M_{ext} 21, 2024$	Properties, LP	P. O. Box 50187	ORRI	
May 21, 2024	Toperties, El	Midland, Texas 79710	OKKI	Certified w/ Return Receipt (Signature)
		P. O. Box 9065		Certified w/ Return Receipt (Signature)
May 21, 2024	Iatan Royalty, LLC	Midland, Texas 79708	ORRI	Certified w/ Return Receipt (Signature)
		P. O. Box 1981		Certified w/ Return Receipt (Signature)
May 21, 2024	Roca Exploration Ltd	Midland, Texas 79702-1981	ORRI	Certified w/ Return Receipt (Signature)
		3300 North A Street Bld #2, Ste.		Certified w/ Return Receipt (Signature)
May 21, 2024	Nearburg Producing Company	120	ORRI	
Way 21, 2024	Employee Fund	Midland, Texas 79705	OKKI	Certified w/ Return Receipt (Signature)
		302 W. 4th Street		Certified w/ Return Receipt (Signature)
May 21, 2024	Terri Jan Smith	Hartford, AR 72938	ORRI	Certified w/ Return Receipt (Signature)
		PO Box 2197		Certified w/ Return Receipt (Signature)
May 21, 2024	Conoco Phillips	Houston, TX 77252	Offset Operator	Certified w/ Return Receipt (Signature)
	Conoco i minips	815 W. 10th Street	Onset Operator	certified w/ Return Receipt (Signature)
May 21, 2024	Seely Oil	Fort Worth, TX 76102	Offset Operator	Certified w/ Return Receipt (Signature)
	Seery on	2626 Cole Avenue, Suite 300	Onset Operator	Certified w/ Return Receipt (Signature)
May 21, 2024	Raybaw Operating LLC	Dallas, TX 75204	Offset Operator	Certified w/ Return Receipt (Signature)
		250 Fillmore St., Suite 500	Onset Operator	Contined w/ Return Receipt (Signature)
May 21, 2024	Prima Exploration	Denver, CI 80206	Offset Operator	Certified w/ Return Receipt (Signature)
		6101 Holiday Hill Rd	Onset Operator	Contined w/ Return Receipt (Signature)
May 21, 2024	Fasken Oil & Ranch	Midland, TX 79707	Offset Operator	Certified w/ Return Receipt (Signature)
		815 W. 10th Street	Onset Operator	Contined w/ Return Receipt (Signature)
May 21, 2024	Seely Oil	Fort Worth, TX 76102	Offset Operator	Certified w/ Return Receipt (Signature)
		300 N. Marienfeld St., Suite 1000	Onset Operator	Contined w/ Return Receipt (Signature)
May 21, 2024	Permian Resources	Midland, TX 79701	Offset Operator	Certified w/ Return Receipt (Signature)
		PO Box 4362	onset operator	
May 21, 2024	EOG Resources Inc	Houston, TX 77210	Offset Lessee	Certified w/ Return Receipt (Signature)
		1819 Denver West Dr., Suite 260	Oliset Lessee	Contined w/ Return Receipt (Signature)
May 21, 2024	TH McElvain Oil & Gas LLLP	Lakewood, CO 80401	Offset Lessee	Certified w/ Return Receipt (Signature)
		3429 Devonshire Way	Oliset Lessee	Contined w/ Return Receipt (Signature)
May 21, 2024	Jacqueline M Withers, Trustee	Palm Beach Gardens, FL 33418	Offset Lessee	Certified w/ Return Receipt (Signature)
	Brian Peter McGary 2017	P. O. Box 830308	Offset Lessee	Contined w/ Return Receipt (Signature)
May 21, 2024	Revocable Trust	Dallas, Texas, 75283-0308	Offset Lessee	Certified w/ Return Receipt (Signature)
		P. O. Box 830308		Contined w/ Actuill Accept (Signature)
May 21, 2024	Kelly McGary, Trustee	Dallas, Texas, 75283-0308	Offset Lasson	Certified w/ Return Receipt (Signature)
		P. O. Box 830308	Unset Lessee	Contined w/ Return Receipt (Signature)
May 21, 2024	Mary Jane McGary, Trustee		Offset Lasson	Certified w/ Return Receipt (Signature)
L		Dallas, Texas, 75283-0308	Uliset Lessee	Continua w/ Ketunii Kecelpt (Signature)

Mar. 21, 2024	Detted Com	2415 1st National Building		
May 21, 2024	Bethol Corp	Dallas, TX 75202	Offset Lessee	Certified w/ Return Receipt (Signature)
		2000 W. Sam Houston Pkwy S.,		
May 21, 2024	ZPZ Delaware I LLC	Suite 200		
•		Houston, TX 77042	Offset Lessee	Certified w/ Return Receipt (Signature)
14 01 0004		300 N. Marienfeld St., Suite 1000		
May 21, 2024	Chisholm Energy Operating LLC	Midland, TX 79701	Offset Lessee	Certified w/ Return Receipt (Signature)
14 01 0004		300 N. Marienfeld St., Suite 1000		
May 21, 2024	Earthstone Permian LLC	Midland, TX 79701	Offset Lessee	Certified w/ Return Receipt (Signature)
NA 01 0004		815 W. 10th Street		
May 21, 2024	Seely Oil	Fort Worth, TX 76102	Operator	Certified w/ Return Receipt (Signature)
14 01 0004		250 Fillmore St., Suite 500		
May 21, 2024	Prima Exploration	Denver, CI 80206	Operator	Certified w/ Return Receipt (Signature)
Mar 21 2024		104 S. Pecos		
May 21, 2024	BTA Oil Producers	Midland, TX 79701	Operator	Certified w/ Return Receipt (Signature)
NA 21 2024		PO Box 1981		
May 21, 2024	Roca Operating Inc	Midland, TX 79702	Operator	Certified w/ Return Receipt (Signature)
		Wolfcamp 24543		
May 21, 2024		PO Box 1772		
1010 21, 2021	Baber Well Serving Company	Hobbs, NM 88241	WI	Certified w/ Return Receipt (Signature)
		300 N. Marienfeld Street		
May 21, 2024		Suite 1000		
	Earthstone Permian LLC	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 1772		
1010 21, 2021	Bovina Limited Liability Company	Hobbs, NM 88241	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 21468		
1010 21, 2021	Kaiser-Francis Oil Company	Tulsa, OK 74121-1468	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		2925 Richmond Ave, Ste 1200		
	Community Minerals, LLC	Houston, TX 77098	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 823085		
	Nearburg Exploration Company	Dallas, TX 75382-3085	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		600 W Illinois Ave		
	COG Operating LLC	Midland, TX 79701	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		511 16th, Suite 700		
	T.H. McElvain Oil & Gas LLLP	Denver, Colorado 80202	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Caroline Hissom Wallace Trust,			
	Caroline Hissom Wallace as	541 Lincoln Road	.	
	Trustee	Grosse Pointe, MI 48230	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Alexandra Carson Hissom Trust,	2084 North Ball Ave.	.	
	Alexandra Carson Hissom Trustee	Fayetteville, AR 72703	WI	Certified w/ Return Receipt (Signature)

May 21, 2024	Julia Ann Hissom Trust, Julia Ann	1940 Fountainview Drive, Unit 141		
	Hissom as Trustee	Houston, TX 77057	WI	Certified w/ Return Receipt (Signature)
	Robert Davis Hissom Trust, Robert	1616 South Voss Road, Ste 280		
May 21, 2024	Davis Hissom as Truatee	Houston, TX 77057	WI	Certified w/ Return Receipt (Signature)
N 01 0004		17878 W 77th Street		
May 21, 2024	MitchOil, LLC	North Haskell, OK 74436	WI	Certified w/ Return Receipt (Signature)
		2925 Richmond Avenue, Suite		
May 21, 2024		1200		
	Trainer Partners, Ltd.	Houston, Texas 77098	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 1772		
Widy 21, 2024		Hobbs, NM 88241	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	,	PO Box 1217		
Widy 21, 2024	deceased	Albuquerque, NM 87103	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		430 California Ave		
1111 21, 2021	Duran Properties, LLC	McFarland, CA 93250	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	1	5318 Cottonwood Club Circle		
inay 21, 2021	dated 12/13/2007	Salt Lake City, UT 84117	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		14400 Russell St.		
J	Peggy McElvain Heirs of Murrell J. Abbott & wife.	Overland Park, KS 66223	WI	Certified w/ Return Receipt (Signature)
	,	1022 W.D. 1 DI 1		
May 21, 2024	Barbara Jane Abbott, both	1923 W Bender Blvd	XX 71	
	deceased	Hobbs, NM 88240 1522 E Rio Mesa Trail	WI	Certified w/ Return Receipt (Signature)
May 21, 2024	Dudd Living Truct	Cottonwood, AZ 86326	WI	Cartified m/ Batum Bassint (Signature)
•	Budd Living Trust	P. O. Box 563	W1	Certified w/ Return Receipt (Signature)
May 21, 2024	Nancy Fram Trust A	Roswell, NM 88202-0563	WI	Certified w/ Return Receipt (Signature)
	Nancy Ham Hust A	P. O. Box 563	vv 1	
May 21, 2024	Nancy Fram	Roswell, NM 88202-0563	WI	Certified w/ Return Receipt (Signature)
	Trancy Train	P. O. Box 801888	**1	
May 21, 2024	McElvain Oil Company, LP	Dallas, TX 75380	WI	Certified w/ Return Receipt (Signature)
		4005 Euclid Ave.		
May 21, 2024	Maybole, LLC	Dallas, TX 75205	WI	Certified w/ Return Receipt (Signature)
		Brian Peter McGary, Trustee		
May 21, 2024	Brian Peter McGary 2017	P. O. Box 830308		
	Revocable Trust	Dallas, Texas, 75283-0308	WI	Certified w/ Return Receipt (Signature)
May 21, 2024		Mary Jane McGary, Trustee, Bank		
		of America, N.A., Agent		
		P. O. Box 830308		
	Mary Jane McGary Trust	Dallas, Texas, 75283-0308	WI	Certified w/ Return Receipt (Signature)
	· · ·	Kelly McGary, Trustee		
May 21, 2024		P. O. Box 830308		
• *	McGary Family Trust	Dallas, Texas, 75283-0308	WI	Certified w/ Return Receipt (Signature)

	Jacqueline M. Withers, Trustee		
	3429 Devonshire Way		
Jacqueline M. Withers Revocable	Palm Beach Gardens, Florida		
Trust	33418-6881	WI	Certified w/ Return Receipt (Signature)
	· · · · · · · · · · · · · · · · · · ·		
Franklin Mountian Energy 3, LLC		WI	Certified w/ Return Receipt (Signature)
EOG Resources Inc.	Houston, TX 77210	WI	Certified w/ Return Receipt (Signature)
Kathleen A. Tsibulsky		ORRI	Certified w/ Return Receipt (Signature)
	e		
Michelle Blum	Akron, New York 14001	ORRI	Certified w/ Return Receipt (Signature)
		ODDI	
The William Detaicle A showerth and	Raleigh, North Carolina 27615	ORRI	Certified w/ Return Receipt (Signature)
	0610 Stage Rd		
e		ODDI	Certified w/ Return Receipt (Signature)
	33 George St	OKKI	Certified w/ Keturii Keceipt (Signature)
Gregory Ashworth	e	ORRI	Certified w/ Return Receipt (Signature)
		ORR	Certified w/ Return Receipt (Signature)
John P. Ashworth		ORRI	Certified w/ Return Receipt (Signature)
	505 W. Main St.	ondu	
Sharbro Energy, LLC	Artesia, New Mexico 88210	ORRI	Certified w/ Return Receipt (Signature)
	PO Box 4362		
EOG Resources, Inc.	Houston, Texas 77210	ORRI	Certified w/ Return Receipt (Signature)
Agreement, dated February 1, 2000		ORRI	Certified w/ Return Receipt (Signature)
	ē .	0001	
		ORRI	Certified w/ Return Receipt (Signature)
· · · · · · · · · · · · · · · · · · ·	,	ODDI	
Trustee of Sabine Royalty Trust		OKRI	Certified w/ Return Receipt (Signature)
Ducillo Instituto of Amorico, Inc.	,	ODDI	Certified w/ Return Receipt (Signature)
	Los Aligeles, California 90029	UKKI	Certified w/ Return Receipt (Signature)
, , ,			
	PO Box 830308		
		ORBI	Certified w/ Return Receipt (Signature)
		ORM	Contined w/ Return Receipt (Dignature)
Trustee of the Selma E. Andrews	PO Box 830308		
· · · · · · · · · ·	Trust Franklin Mountian Energy 3, LLC EOG Resources Inc. Kathleen A. Tsibulsky Michelle Blum Christine A Kelly The William Patrick Ashworth and Michelle Marie Ashworth Living Trust Gregory Ashworth John P. Ashworth Sharbro Energy, LLC EOG Resources, Inc. The First National Bank, Trustee of the Mary Anne Berliner Foundation Established under Trust Agreement, dated February 1, 2000 HTI Resources, Inc. NationsBank of Texas, N.A., Trustee of Sabine Royalty Trust Braille Institute of America, Inc. Bank of America, N.A., Sole Trust, for the benefit of Peggy Barrett Bank of America, N.A., Sole	Jacqueline M. Withers Revocable Trust3429 Devonshire Way Palm Beach Gardens, Florida 33418-6881Franklin Mountian Energy 3, LLCDenver, CO 80206Franklin Mountian Energy 3, LLCDenver, CO 80206Po Box 4362Po Box 4362EOG Resources Inc.Houston, TX 772103106 Elm Tree Ln.Raleigh, North Carolina 2761420 Bloomingdale Ave.Akron, New York 14001Michelle BlumAkron, New York 140010112 Claibourne Pl.Raleigh, North Carolina 27615The William Patrick Ashworth and Michelle Marie Ashworth Living Trust9610 Stage Rd. Arkport, New York 1480733 George St.Gregory AshworthWellsville, New York 1480733 George St.Gregory AshworthHornell, New York 14895John P. AshworthHornell, New York 14843505 W. Main St. Artesia, New Mexico 88210PO Box 4362PO Box 4362PO Box 4362EOG Resources, Inc.PO Box AaAgreement, dated February 1, 2000Artesia, New Mexico 882112720 Gregory St. Savannah, Georgia 314042720 Gregory St. Savannah, Georgia 31404NationsBank of Texas, N.A., Truste of Sabine Royalty Trust2011 Turtle Creek Blvd., Ste. 850Truste of Sabine Royalty TrustDallas, Texas 75283Bank of America, N.A., SolePO Box 830308 Dallas, Texas 75283	3429 Devonshire Way Jacqueline M. Withers Revocable Trust Palm Beach Gardens, Florida 33418-6881 WI 44 Cook Street, Suite 1000 Franklin Mountian Energy 3, LLC Denver, CO 80206 WI Po Box 4362 Po Box 4362 WI EOG Resources Inc. Houston, TX 77210 WI Stote Em Tree Ln. Raleigh, North Carolina 27614 ORRI Kathleen A. Tsibulsky Raleigh, North Carolina 27614 ORRI 10112 Claibourne PI. Akron, New York 14001 ORRI Christine A Kelly Raleigh, North Carolina 27615 ORRI The William Patrick Ashworth and 9610 Stage Rd. Trust Michelle Marie Ashworth Living 9610 Stage Rd. Trust Trust Arkport, New York 14807 ORRI John P. Ashworth Wellsville, New York 14895 ORRI John P. Ashworth Hornell, New York 14843 ORRI Dohn P. Ashworth Hornell, New York 14843 ORRI Dohn P. Ashworth HOTNEL, New Mexico 88210 ORRI The First National Bank, Truste of the Mary Anne Berliner Foundation Established under Trust PO Box Aa<

May 21, 2024		4952 Briarwood Pl.		
1v1ay 21, 2024	Jane Riddle Lancaster	Dallas, Texas 75209	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		500 W. Illinois, Ste. 1100		
	Turner Stagner, LP	Midland, Texas 79701	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		3096 Frandoras St.		
May 21, 2024	Kelly Dion Coll	Oakley, California 94561	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		1819 Denver West Dr., Ste. 260		
Widy 21, 2024	Thomaston, LLC	Lakewood, Colorado 80401	ORRI	Certified w/ Return Receipt (Signature)
		2816 W. 67th Street		
May 21, 2024		Mission Hills		
	Kay W. Beck	Kansas, 66208	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		7320E Rose Lane		
	Bruce G. Bumgarner	Scottsdale, Arizona 85250	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		7307 Rockwood Rd.		
	Anne M. Wadill	Wichita, Kansas 67206	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		1401 Lawrence St., Suite 1750		
May 21, 2024	Sitio Permian, LLC	Denver, Colorado 80202	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024	Donnie Michael and wife, Karen	338 Wicker Way		
Way 21, 2024	W. Michael	Fredericksburg, Texas 78624	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		34 S. Wyden Dr. Ste. 210		
May 21, 2024	Post Oak Mavros II, LLC	Houston, Texas 77056	ORRI	Certified w/ Return Receipt (Signature)
Mary 21, 2024		P. O. Box 50820		
May 21, 2024	Sortida Resources, LLC	Midland, Texas 79710	ORRI	Certified w/ Return Receipt (Signature)
Marx 21, 2024		P. O. Box 50820		
May 21, 2024	Oak Valley Minerals and Land, LP	Midland, Texas 79710	ORRI	Certified w/ Return Receipt (Signature)
Mary 21, 2024		P. O. Box 2078		
May 21, 2024	Platform Energy IV, LLC	Abilene, Texas 79604	ORRI	Certified w/ Return Receipt (Signature)
Mara 21, 2024		P. O. Box 410		
May 21, 2024	Gary Wyvil Whitlow	Hawkins, Texas 75765	ORRI	Certified w/ Return Receipt (Signature)
Mara 21, 2024		315 John Prince		
May 21, 2024	Linda Kay Whitlow	Blanco, Texas 78606	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		13095 Fieldstone Loop		
	Gayna Lea Whitlow Smith	Austin, Texas 78737	ORRI	Certified w/ Return Receipt (Signature)
Mary 21, 2024		3310 Fairmount St., Apt 11a		
May 21, 2024	Caroline Free Bagot	Dallas, Texas, 75201	ORRI	Certified w/ Return Receipt (Signature)
May 21, 2024		1300 Eldorado Pkwy Apt 301		
	Mary Margery Free	McKinney, Texas, 75069	ORRI	Certified w/ Return Receipt (Signature)
		Annette I. Casey, Trustee		
May 21, 2024		4010 Dunkirk St.		
	Casey Trust	Midland, Texas 79707	ORRI	Certified w/ Return Receipt (Signature)
Mar 21 2024	Marion Leone Spears, Life Tenant	P. O. Box 293384		
May 21, 2024	-	Kerrville, Texas 78029	ORRI	Certified w/ Return Receipt (Signature)

	John and Theresa Hillman Family			
May 21, 2024	Properties, LP	P. O. Box 50187		
	1 ,	Midland, Texas 79710	ORRI	Certified w/ Return Receipt (Signature)
		P. O. Box 9065		
May 21, 2024	Iatan Royalty, LLC	Midland, Texas 79708	ORRI	Certified w/ Return Receipt (Signature)
14 01 0004		P. O. Box 1981		
May 21, 2024	Roca Exploration Ltd	Midland, Texas 79702-1981	ORRI	Certified w/ Return Receipt (Signature)
		3300 North A Street Bld #2, Ste.		
May 21, 2024	Nearburg Producing Company	120		
	Employee Fund	Midland, Texas 79705	ORRI	Certified w/ Return Receipt (Signature)
Mary 21, 2024		PO Box 2197		
May 21, 2024	Conoco Phillips	Houston, TX 77252	Offset Operator	Certified w/ Return Receipt (Signature)
Mary 21, 2024		815 W. 10th Street		
May 21, 2024	Seely Oil	Fort Worth, TX 76102	Offset Operator	Certified w/ Return Receipt (Signature)
Max 21, 2024		2626 Cole Avenue, Suite 300		
May 21, 2024	Raybaw Operating LLC	Dallas, TX 75204	Offset Operator	Certified w/ Return Receipt (Signature)
May 21, 2024		250 Fillmore St., Suite 500		
May 21, 2024	Prima Exploration	Denver, CI 80206	Offset Operator	Certified w/ Return Receipt (Signature)
May 21, 2024		6101 Holiday Hill Rd		
Way 21, 2024	Fasken Oil & Ranch	Midland, TX 79707	Offset Operator	Certified w/ Return Receipt (Signature)
May 21, 2024		815 W. 10th Street		
Way 21, 2024	Seely Oil	Fort Worth, TX 76102	Offset Operator	Certified w/ Return Receipt (Signature)
May 21, 2024		300 N. Marienfeld St., Suite 1000		
May 21, 2024	Permian Resources	Midland, TX 79701	Offset Operator	Certified w/ Return Receipt (Signature)
May 21, 2024	EOG Resources Inc	PO Box 4362		
Way 21, 2024	EOG Resources me	Houston, TX 77210	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024	TH McElvain Oil & Gas LLLP	1819 Denver West Dr., Suite 260		
Way 21, 2024		Lakewood, CO 80401	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024	Jacqueline M Withers, Trustee	3429 Devonshire Way		
Wiay 21, 2024		Palm Beach Gardens, FL 33418	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024	Brian Peter McGary 2017	P. O. Box 830308		
Widy 21, 2024	Revocable Trust	Dallas, Texas, 75283-0308	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024	Kelly McGary, Trustee	P. O. Box 830308		
101ay 21, 2021		Dallas, Texas, 75283-0308	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024	Mary Jane McGary, Trustee	P. O. Box 830308		
		Dallas, Texas, 75283-0308	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024	Bethol Corp	2415 1st National Building		
		Dallas, TX 75202	Offset Lessee	Certified w/ Return Receipt (Signature)
	ZPZ Delaware I LLC	2000 W. Sam Houston Pkwy S.,		
May 21, 2024		Suite 200		
		Houston, TX 77042	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024	Chisholm Energy Operating LLC	300 N. Marienfeld St., Suite 1000		
11111 21, 2027		Midland, TX 79701	Offset Lessee	Certified w/ Return Receipt (Signature)

May 21, 2024	Earthstone Permian LLC	300 N. Marienfeld St., Suite 1000		
		Midland, TX 79701	Offset Lessee	Certified w/ Return Receipt (Signature)
May 21, 2024		815 W. 10th Street		
	Seely Oil	Fort Worth, TX 76102	Operator	Certified w/ Return Receipt (Signature)
May 21, 2024		250 Fillmore St., Suite 500		
	Prima Exploration	Denver, CI 80206	Operator	Certified w/ Return Receipt (Signature)
May 21, 2024		104 S. Pecos		
	BTA Oil Producers	Midland, TX 79701	Operator	Certified w/ Return Receipt (Signature)
May 21, 2024		PO Box 1981		
	Roca Operating Inc	Midland, TX 79702	Operator	Certified w/ Return Receipt (Signature)















R 7634 1 1 23 SENDER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY DER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY Complete items 1, 2, and 3. Sidnature A. Signature omplete items 1, 2, and 3. Agent Print your name and address on the reverse T Age rint your name and address on the reverse ancasta X Addressee so that we can return the card to you. Addre o that we can return the card to you. Received by (Printed Name) C. Date of Delivery В. Attach this card to the back of the mailpiece, B. Received by (Printed Name) C. Date of De ttach this card to the back of the mailpiece, 24/2 or on the front if space permits. Michao W on the front if space permits. Jaspa 1. Article Addressed to: D. Is delivery address different from item 1? V Yes D. Is delivery address different from item 1? ticle Addressed to: 1 Yes If YES, enter delivery address below: D-No-If YES, enter delivery address below: D NO 1809-06 B and W 1809-06 B and W Bhe Riddle Lancaster Donnie Michael and wife, Karen W. Michael 338 Wicker Way 52 Briarwood PI. 😹 llas, Texas 75209 Fredericksburg, Texas 78624 Priority Mail Express® Service Type Service Type Priority Mail Expres □ Registered Mail™ Adult Signature Adúlt Signature □ Registered Mail Restricted Delivery
□ Signature Confirmation™ C Registered Ma Certified Mail® Adult Signature Restricted Delivery Registered Mail Re
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t Operating, LLC - Exhibit E





Case Nos. 24543 & 24544 Avant Operating, LLC - Exhibit E



Case<u></u>Nos. 24543 & 24544 Avant Operating, LLC - Exhibit E
























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erating, LLC - Exhibit E















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PS Form 3800, January 2023 PSN 75

Extra Services & Fees (check box, add fee as appropriate)
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1809-06 B and W Casey Trust Annette I. Casey, Trustee 4010 Dunkirk St. Midland, Texas 79707

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RETURN TO SENDER NOT at this address

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1809-06 B

Terri Jan Smith 302 W. 4th Street Hartford, AR 72938







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RTS

1809-06 B Alexander E. Fisher Trust u/w/o Dora Fisher Alexander Fisher, Trustee P. O. Box 277 Bridgewater, No 06752

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Priority Mail Express®

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Case Nos. 24543



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





1809-06 B

Trust #1430-3-09 Bank of America fka NCNB Texas National Bank, Trustee for Trust #1430-3-09 3030 W. Wall Street Midland, TX 79705



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ENERGY IN THE LAW 1675 Broadway, Suite 600 Denver, CO 80202

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BEATTY&WOZNIAK, P.C.

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





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1809-06 B Val Joe Hill 7212 South Brook Drive Austin, Texas 78736

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1809-06 B Trust #1430-4-09 Bank of America fka NCNB Texas National Bank, Trustee for Trust #1430-4-09 3030 W. Wall Street Midland, TX 79705









1809-06 B

Trust #1430-1-09 Bank of America fka NCNB Texas National Bank, Trustee for Trust #1430-1-09 3030 W. Wall Street Midland, TX 79705











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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 publishe in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).



LEGAL NOTICE June 16, 2024

Page 219 of 220

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, June 27, 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.emrrd.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 June 17, 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.)

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STATE OF NEW MEXICO COUNTY OF LEA

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

> Beginning with the issue dated June 16, 2024 and ending with the issue dated June 16, 2024.

Publisher

Sworn and subscribed to before me this 16th day of June 2024.

Business Manager

My commission expires January 29, 2027

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

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.

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LEGAL NOTICE June 16, 2024

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

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The hearing will be conducted on **Thursday**, **June 27**, **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/Inaging/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 **June 17, 2024**.

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:** Baber Well Serving Company; Earthstone Permian LL; Bovina Limited Liability Company; Kaiser-Francis Oil Company; Community Minerals, LLC; Nearburg Exploration Company; COG Operating LLC; T. H. McElvain Oil & Gas LLLP; Caroline Hissom Wallace Trust, Caroline Hissom Wallace as Trustee; Alexandra Carson Hissom Trust, Alexandra Carson Hissom Trust, et al. (2007), Company; Company; Cod Operating LLC; T. H. McElvain Oil & Gas LLLP; Caroline Hissom Wallace Trust, Caroline Hissom Trust, Alexandra Carson Hissom Trust, et al. (2007), Company; Cod Operating LLC; T. H. McElvain, Oil & Gas LLLP; Caroline Hissom Wallace Trust, Caroline Hissom Trust, Julia Ann Hissom as Trustee; Robert Davis Hissom Trust, Robert Davis Hissom as Trustee; MitchOil, LLC; Trainer Partners, Ltd.; Bullet Limited Liability Company; Trust B u/w/o Julie S. Herkenhoff, deceased; Duran Properties, LLC; The Ralph E. McElvain, Jr. Trust dated 12/13/2007; Peggy McElvain, Heirs of Murrell J. Abbott & wite, Barbara Jane Abbott, both deceased; Budd Living Trust; Nancy Fram Trust A, Nancy Fram; McElvain Oil Company, LP; Maybole, LLC; Brian Peter McGary 2017 Revocable Trust; Mary Jane McGary Trust; McGary Family Trust; Jacqueline M. Withers Revocable Trust; Franklin Mountian Energy, J. LLC; EOG Resources Inc.; Kathleen A. Tsibulsky; Michelle Blum; Christine A Kelly; The William Patrick, Ashworth and Michelle Marie Ashworth Living Trust; Gregory Ashworth; John P. Ashworth; Sharbro Energy, LLC; The First National Bank, Trustee of the Mary Anne Berliner Foundation Established under Trust Agreement, dated February 1, 2000; HTI Resources, Inc.; NationsBank of Trustee of the Selma E. Andrews Trust, for the benefit of Peggy Barrett; Bank of America, N.A., Sole Trustee of the Selma E. Andrews Trust, for the benefit of Peggy Barrett; Bank of America, N.A., Sole Trustee of the Selma E. Andrews Trust, for the benefit

CASE NO. 24543: Application of Avant Natural Resources, LLC for Compulsory Pooling and Approval of a Non-Standard Horizontal Spacing Unit, 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 25 and 36. Township 18 South, Range 33 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 **Royal Oak 25 Fed Com #006H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SW/4SW/4 (Unit M) of Section 36; the **Royal Oak 25 Fed Com #007H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NW/4 (Unit D) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit N) of Section 36; the **Royal Oak 25 Fed Com #008H**, which is an oil well that will be horizontally drilled from a surface location in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the SE/4SW/4 (Unit O) of Section 36; and the **Royal Oak 25 Fed Com #009H**, which is an oil well that will be horizontally drilled from a surface location in in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the Wolfcamp Formation in the NW/4NE/4 (Unit B) of Section 25 to a bottom hole location in the two for any for setbacks. Also to be considered will be th

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