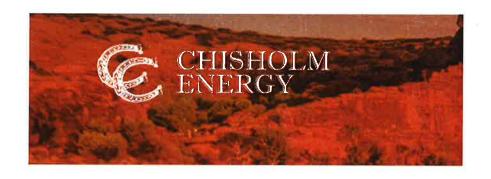
BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING MARCH 05, 2020

CASE No. 21143

MINIS 1 FED COM WCA #13H

LEA COUNTY, NEW MEXICO



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

APPLICATION OF CHISHOLM ENERGY **OPERATING, LLC FOR COMPULSORY** POOLING, LEA COUNTY, NEW MEXICO.

12. **Chisholm Exhibit F** – Notice of Publication

CASE NO. 21143

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1. Chisholm Exhibit A -	Pooling Application Checklist
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	Compulsory Pooling, Lea County, New Mexico
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4. Chisholm Exhibit C-1 –	C-102
5. Chisholm Exhibit C-2 –	Plat & Tract/Unit Recap
6. Chisholm Exhibit C-3 –	Well Proposal/AFE
7. Chisholm Exhibit D –	Affidavit of Josh Kuhn, Geologist
8. Chisholm Exhibit D-1 –	Project Locator Map
9. Chisholm Exhibit D-2 –	Structure/Cross-Section Map
10. Chisholm Exhibit D-3 –	Cross-Section
11. Chisholm Exhibit E -	Notice Affidavit

COMPULSORY POOLING APPLICATION CHECKLIST (pdf)

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 21143	APPLICANT'S RESPONSE			
Date: March 5, 2020				
Applicant	Chisholm Energy Operating, LLC			
Designated Operator & OGRID (affiliation if applicable)	Chisholm Energy	Operating, LLC (OGRID No. 327137)		
Applicant's Counsel:	Holland & Hart LL	LP		
Case Title:	APPLICATION OF CHISHOLM ENERGY OPERATING, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO			
Entries of Appearance/Intervenors:				
Well Family	Minis 1 Fed Com	WCA #13H well		
Formation/Pool		and manager streets to		
Formation Name(s) or Vertical Extent:	Wolfcamp			
Primary Product (Oil or Gas):	Oil	_		
Pooling this vertical extent:	Wolfcamp formation			
Pool Name and Pool Code:	WC-025 G-08 S213201D; UPR WOLFCAMP [Pool Code 98282]			
Well Location Setback Rules:	Statewide horizontal well rules			
Spacing Unit Size:	238.81 acres, more or less			
Spacing Unit				
Type (Horizontal/Vertical)	Horizontal			
Size (Acres)	238.81 acres, mo	re or less		
Building Blocks:	quarter-quarter s	ections		
Orientation:	North/south			
Description: TRS/County	E/2 W/2 of irregular Section 1, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico			
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes			
Other Situations				
Depth Severance: Y/N. If yes, description				
Proximity Tracts: If yes, description	No			
Proximity Defining Well: if yes, description	N/A			
Applicant's Ownership in Each Tract	Exhibit C-2	THE CHARGE VALUE OF THE CHARGE		
Well(s)		BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico		
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add as needed	Exhibit No. A Submitted by: Chisholm Energy Operating, LL Hearing Date: March 05, 2020 Case No. 21143		

Well #1	Minis 1 Fed WCA Well No. 13H, API No. 30-025-45130 SHL:135 feet from the North line and 1280 feet from the West line, (Lot 4) of Section 1, Township 21 South, Range 32 East, NMPM. BHL:100 feet from the South line and 2500 feet from the West line, (Unit N) of Section 1, Township 21 South, Range 32 East, NMPM. Completion Target: Wolfcamp at approx 11,535 feet TVD, Well Orientation:North to South Completion Location expected to be:standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-3
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7,500
Production Supervision/Month \$	\$750
Justification for Supervision Costs	Exhibit C, C-3
Requested Risk Charge	Exhibit C, C-3
Notice of Hearing	Constitution (Street areas)
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	Exhibit C-2
Tract List (including lease numbers and owners)	Exhibit C-2
Pooled Parties (including ownership type)	Exhibit C-2
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & bel	ov None
Joinder	
Sample Copy of Proposal Letter	Exhibit C-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-2
Chronology of Contact with Non-Joined Working Interests	Exhibit C
Overhead Rates In Proposal Letter	Exhibit C-3
Cost Estimate to Drill and Complete	Exhibit C-3
Cost Estimate to Equip Well	Exhibit C-3
Cost Estimate for Production Facilities	Exhibit C-3
Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D, D-1

MARKET THE REAL

Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit D, D-1, D-2, D-3
Target Formation	Exhibit D, D-1, D-2, D-3
HSU Cross Section	Exhibit D, D-2, D-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-2
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit D-2
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D, D-2, D-3
Cross Section (including Landing Zone)	Exhibit D, D-2, D-3
Additional Information	
CERTIFICATION: I hereby certify that the information p	provided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Kaitlyn A. Luck
Signed Name (Attorney or Party Representative):	AMARILL
Date:	5-Mar-20

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

APPLICATION OF CHISHOLM ENERGY OPERATING, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 21143

APPLICATION

Chisholm Energy Operating, LLC ("Applicant") (OGRID No. 372137), through its

undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant

to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the

Wolfcamp formation underlying a standard 240-acre, more or less, horizontal spacing unit

comprised of the E/2 W/2 of irregular Section 1, Township 21 South, Range 32 East, NMPM, Lea

County, New Mexico. In support of its application, Chisholm states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and

has the right to drill thereon.

2. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the

proposed initial Minis 1 Fed Com WCA #13H well to be horizontally drilled from a surface

location in the NW/4 NW/4 (Lot 4) of Section 1 to bottom hole location in the SE/4 SW/4

(Unit N) of Section 1.

3. The completed interval of the proposed well will comply with Statewide setbacks

for oil wells.

4. Applicant has sought and been unable to obtain voluntary agreement for the

development of these lands from all the working interest owners in the subject spacing unit.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

- 5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled, and Applicant should be designated the operator of the proposed horizontal well and spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on March 5, 2020, and, after notice and hearing as required by law, the Division enter an order:

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

Respectfully submitted,

HOLLAND & HART LLP

By:

Michael H. Feldewert
Adam G. Rankin
Julia Broggi
Kaitlyn A. Luck
Post Office Box 2208
Santa Fe, New Mexico 87504-2208
(505) 988-4421
(505) 983-6043 Facsimile
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jbroggi@hollandhart.com
kaluck@hollandhart.com

ATTORNEYS FOR CHISHOLM ENERGY OPERATING, LLC

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

APPLICATION OF CHISHOLM ENERGY **OPERATING, LLC FOR COMPULSORY**

POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 21143

AFFIDAVIT OF JACOB DANIELS

Jacob Daniels, of lawful age and being first duly sworn, declares as follows:

1. My name is Jacob Daniels. I work for Chisholm Energy Operating, LLC

("Chisholm") as a Landman.

2. I have previously testified before the New Mexico Oil Conservation Division as an

expert witness in petroleum land matters. My credentials as a petroleum landman have been

accepted by the Division and made a matter of record.

I am familiar with the application filed by Chisholm in this case, and I am familiar 3.

with the status of the lands in the subject area.

4. None of the uncommitted parties in this case has indicated opposition to this

pooling application, and therefore I do not expect any opposition to the presentation of this case

by affidavits at the hearing.

5. Chisholm is seeking an order pooling all uncommitted interests in the Wolfcamp

formation underlying a standard 238.81-acre, more or less, horizontal spacing unit comprised of

the E/2 W/2 of irregular Section 1, Township 21 South, Range 32 East, NMPM, Lea County, New

Mexico.

6. Chisholm seeks to dedicate this standard spacing unit to the proposed initial Minis

1 Fed Com WCA #13H well (API No. 30-025-45130) to be horizontally drilled from a surface

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

location in the NW/4 NW/4 (Lot 4) of Section 1 to bottom hole location in the SE/4 SW/4 (Unit N) of Section 1.

- 7. The completed interval for the **Minis 1 Fed Com WCA #13H well** will comply with statewide setback requirements for oil wells.
- 8. Chisholm Exhibit C-1 is the Form C-102 for the proposed Minis 1 Fed Com WCA #13H well.
- 9. The Pool Code for this well is 98282 (WC-025 G-08 S213201D; UPR WOLFCAMP Pool).
 - 10. There are no depth severances in the Wolfcamp formation.
- 11. **Chisholm Exhibit C-2** contains a plat outlining the unit being pooled, identifies the tracts of land comprising the proposed spacing unit, and identifies the working interests in each tract and their interest in the horizontal spacing unit. This proposed spacing unit includes federal lands. Chisholm is seeking to pool both the highlighted working interest owners as well as the overriding royalty interest owners included on **Exhibit C-2**. There are no unleased mineral interest owners.
 - 12. There are no unleased mineral interest owners.
- 13. **Chisholm Exhibit C-3** is a copy of the well proposal letter that Chisholm sent to the working interest owners, along with an AFE for this well. The costs reflected in the AFE are consistent with what other operators have incurred for drilling similar horizontal wells in the area.
- 14. Chisholm seeks approval of overhead and administrative costs at \$7,500/month while drilling and \$750/month while producing. These costs are consistent with what Chisholm and other operators are charging in this area for these types of wells. Chisholm respectfully

requests that these administrative and overhead costs be incorporated into any order entered by the Division in this case, together with a 200% charge for the risk against any non-consenting parties.

- 15. Chisholm has been able to locate contact information for all parties it seeks to pool and has undertaken good faith efforts to reach an agreement with the uncommitted interest owners after the transmission of the well proposal letters, with telephone and email correspondence on December 16, 2019 and telephone correspondence again on February 17, 2020.
- 16. In my opinion, Chisholm has made good faith efforts to reach an agreement with the parties it seeks to pool. If Chisholm reaches an agreement with any of the proposed pool parties before the Division enters any order, I will let the Division know that Chisholm is no longer seeking to pool that party.
- 17. I provided the law firm of Holland & Hart LLP a list of names and addresses for the uncommitted interest owners shown on Exhibit C-2. In compiling these addresses, Chisholm conducted a diligent search of all public records in the county where the proposed wells are located and of phone directories, including computer searches. All parties were locatable.
- 18. Chisholm Exhibits C-1 through C-3 were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

JAÇOB DANIELS

STATE OF TEXAS)
COUNTY OF TARRANT)
SUBSCRIBED and SWO	RN to before me this day of March 2020 by Jacob
Daniels.	
BEAU SULLIVAN Notary Public, State of Texas Comm. Expires 09-12-2020 Notary ID 130817295	Beau Sulvi NOTARY PUBLIC

09-12-2020

DISTRICT I
1625 N. French Dr., Hobbs, NM 58240
Fhone (576) 393-6161 Fax: (576) 393-0720
DISTRICT II
611 S. First St., Artesia, NM 68210
Fhone (576) 748-1283 Fax: (676) 748-9720

State of New Mexico Energy, Minerals and Natural Resources Department Form C-102 Revised August 1, 2011

Submit one copy to appropriate District Office

Phone (676) 748-1283 Fax: (676) 748-9720 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone (606) 334-6178 Fax: (606) 334-6170 DISTRICT IV

1226 S. St. Francis Dr., Santa Fe, NM 67506 Phone (505) 476-3460 Fax: (506) 476-3462

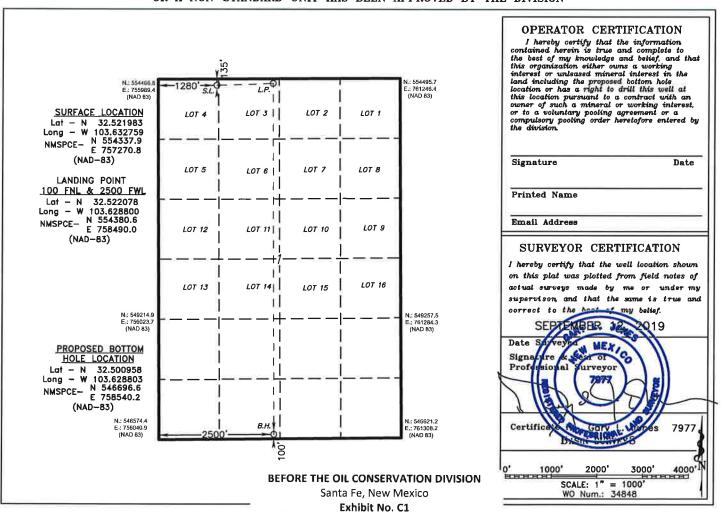
OIL CONSERVATION DIVISION 1226 South St. Francis Dr. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number					Pool Code	9			Pool Name		
Property Code				Property Name MINIS 1 FED WCA				Well Number			
OGRID N	D.	СН			Operator Name CHISHOLM ENERGY OPERATING, LLC				Elevation 3702'		
	Surface Location										
UL or lot No.	Section	Townsh	i p	Range	Lot Idn	FEET fr	om the	North/South line	FEET from the	East/West line	County
LOT 4	1	21 S 32 E			13	55	NORTH	1280	WEST	LEA	
				Bottom	Hole I	ocation I	f Diffe	rent From Sur	face		
UL or lot No.	Section Township Range Lo				Lot Idn	FEET fro	om the	North/South line	FEET from the	East/West line	County
N	1	21	1 S 32 E		10	00	SOUTH	2500	WEST	LEA	
Dedicated Acre	Joint o	r Infill	Cor	nsolidation (Code	Order No.				M	

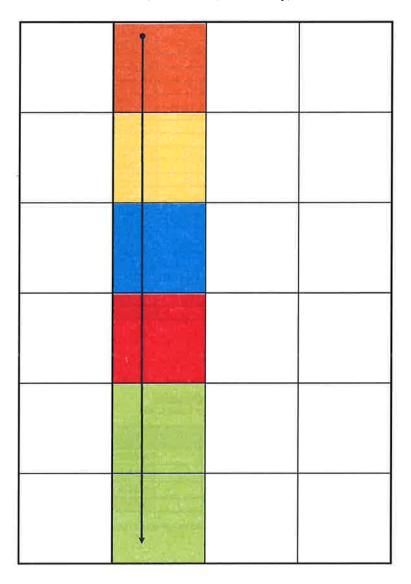
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

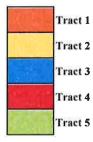


Submitted by: Chisholm Energy Operating, LLC
Hearing Date: March 05, 2020

Hearing Date: March 05, 2020 Case No. 21143

Section 1, T21S-R32E, Lea County, NM





Case No. 21143

Working Interest Ownership by Tract

TRACT	WIOWNER	WORKING INTEREST
1	CHISHOLM ENERGY OPERATING, LLC	0.89516881
	MARATHON OIL PERMIAN, LLC	0.06296040
	TUMBLER OPERATING PARTNERS, LLC	0.04187079
		1.00000000
2	CHISHOLM ENERGY OPERATING, LLC	0.89516881
	MARATHON OIL PERMIAN, LLC	0.06296040
	TUMBLER OPERATING PARTNERS, LLC	0.04187079
		1.00000000
3	CHISHOLM ENERGY OPERATING, LLC	0.89516881
	MARATHON OIL PERMIAN, LLC	0.06296040
	TUMBLER OPERATING PARTNERS, LLC	0.04187079
		1.00000000
4	CHISHOLM ENERGY OPERATING, LLC	0.89516881
	MARATHON OIL PERMIAN, LLC	0.06296040
	TUMBLER OPERATING PARTNERS, LLC	0.04187079
		1.00000000
5	CHISHOLM ENERGY OPERATING, LLC	0.95812921
	TUMBLER OPERATING PARTNERS, LLC	0.04187079
		1.00000000

<u>Proposed Unit Working Interest Ownership</u> E/2 W/2 of Section 1, T21S-R32E, Lea County, NM

WI OWNER	WORKING INTEREST
CHISHOLM ENERGY OPERATING, LLC	0.91626019
MARATHON OIL PERMIAN, LLC	0.04186902
TUMBLER OPERATING PARTNERS, LLC	0.04187079
	1.00000000

^{*}Parties highlighted in yellow are the Working Interest Owners to be pooled.

Working Interest and Overriding Royalty Owners by Tract

Tract	Owner	Ownership Type
1-	NEARBURG EXPLORATION COMPANY, LLC	ORRI
	NEARBURG PRODUCING COMPANY FBO NEARBURG PRODUCING COMPANY EMPLOYEE FUND	ORRI
	RESOURCE DEVELOPMENT TECHNOLOGY, LLC	ORRI
	CHISHOLM ENERGY OPERATING, LLC	WI
	MARATHON OIL PERMIAN, LLC	WI
	TUMBLER OPERATING PARTNERS, LLC	WI
Tract	Owner	Ownership Type
2	NEARBURG PRODUCING COMPANY FBO NEARBURG PRODUCING COMPANY EMPLOYEE FUND	ORRI
	NEARBURG EXPLORATION COMPANY, LLC	ORRI
	CHISHOLM ENERGY OPERATING, LLC	WI
	MARATHON OIL PERMIAN, LLC	WI
	TUMBLER OPERATING PARTNERS, LLC	WI
Tract	Owner	Ownership
	DEPUNELLY ENDY ONED DONAL TAY DOOR	Туре
3	PENWELL EMPLOYEE ROYALTY POOL	ORRI
	PAUL R. BARWIS	ORRI
	JAREED PARTNERS, LTD. JOHN KYLE THOMA, TRUSTEE OF THE CORNERSTONE FAMILY TRUST DATED HINE 0, 2016	ORRI ORRI
	JUNE 9, 2016 CROWNROCK MINERALS, LP	OPPI
	KINGDOM INVESTMENTS, LIMITED	ORRI
	RAVE ENERGY, INC.	ORRI
	GEORGE VAUGHT, JR	ORRI
	VENDETTA ROYALTY PARTNERS, LTD.	ORRI
	THE TAURUS ROYALTY, LLC	ORRI
	KIMBELL ROYALTY HOLDINGS, LLC	ORRI
	RAVE ENERGY, INC. D/B/A GEP III	ORRI
	CHISHOLM ENERGY OPERATING, LLC	WI
	MARATHON OIL PERMIAN, LLC	WI
	TUMBLER OPERATING PARTNERS, LLC	WI
Tract	Owner	Ownership Type
4	NEARBURG PRODUCING COMPANY FBO NEARBURG PRODUCING COMPANY EMPLOYEE FUND	ORRI
	CHISHOLM ENERGY OPERATING, LLC	WI
	MARATHON OIL PERMIAN, LLC	WI
	TUMBLER OPERATING PARTNERS, LLC	WI
Tract	Owner	Ownership Type
_	NEARBURG PRODUCING COMPANY FBO NEARBURG PRODUCING COMPANY	ORRI
5	EMPLOYEE FUND	
5	EMPLOYEE FUND CHISHOLM ENERGY OPERATING, LLC	WI



December 9, 2019

VIA CERTIFIED MAIL:

Marathon Oil Company Attn: Land Department 5555 San Felipe Street Houston, Texas 77056

RE: Minis 1 Fed Com WCA #13H Well Proposal E/2 W/2 of Section 1-T21S-R32E Lea County, New Mexico

To whom it may concern,

Title:

Date:

Chisholm Energy Operating, LLC ("Chisholm") hereby proposes the drilling of a horizontal Wolfcamp well to a Measured Depth of approximately 19,380'. The expected surface location for this well is approximately 135' FNL & 1,280' FWL of Section 1-T21S-R32E with a bottom hole location of 100' FSL & 2,500' FWL of Section 1-T21S-R32E. Enclosed is our Authority for Expenditure ("AFE") reflecting estimated costs of \$5,631,797 for a completed well.

Chisholm is proposing to drill this well under the terms of a modified 1989 AAPL form Operating Agreement covering the W/2 of Section 1, Township 21 South, Range 32 East, which will be provided upon request. Said Operating Agreement contains the following general provisions:

- 100%/300%/300% Non-consenting penalty
- \$7,500/\$750 Drilling and Production rate
- Chisholm Energy Operating, LLC named as Operator

According to our ownership, Marathon Oil Permian, LLC, owns an undivided 0.04186902 interest in the above captioned unit. Chisholm respectfully requests that you select one of the following options:

- 1. Participate with your interest in the drilling of the proposed well and execute the enclosed Operating Agreement.
- 2. Farmout/Assign your interest in the above captioned project area, subject to mutually agreeable terms.

Please indicate your election in the space provided below and return one copy of this letter to the undersigned. In the event all parties do not enter into an agreement to develop the proposed project area(s), Chisholm intends to file application(s) for compulsory pooling with the New Mexico Oil Conservation Division.

Please call at your earliest convenience to discuss our proposal.

Chisholm Energy Operating, LLC

Jacob Daniels
Landman
817-953-0737

Enclosures

Elect to participate in the drilling of the Minis 1 Fed Com WCA #13H.

Elect to farmout/assign our interest in the Minis 1 Fed Com WCA #13H.

Marathon Oil Permian, LLC

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico

Exhibit No. C3
Submitted by: Chisholm Energy Operating, LLC
Hearing Date: March 05, 2020

earing Date: March 05, 2020 Case No. 21143



Statement of Estimated Well Cost (100%)

Well	Minis 1 Fed Com WCA 13H			
Field	Wolfcamp A			
County, State:	Lea, NM			
BHL:	Horizontal			
Proposed TD:	19,380 MD 11,535 TVD			
ormal Pressure?	Yes			

PROP#:	
W1#:	
NRI #:	
AFE#:	

		ВСР	ACP	TOTAL
	COSTS TO CASING POINT: TANGIBLES			
8510-400	Conductor Casing or Drive Pipe	\$20,000		\$20,000
8510-405	Surface Casing	\$46,410		\$46,410
8510-410	Intermediate Casing/Drlg Liner	\$116,478	WILL LAND	\$116,478
8510-415	Wellhead Equipment - Surface & MLS	\$40,000		\$40,000
8510-420	Other Sub-Surface Equipment	\$0		
8510-425	Cementing Equipment	\$64,000		\$64,000
8510-500	Production Casing	\$258,142		\$258,142
8510-600	Nonoperated	\$0	100	
8510-700	Impairment	\$0	V I	WATER THE
8510-999	Accruals	\$0		
	TOTAL COST TO CASING POINT - TANGIBLES	\$545,030		\$545,030
10.0	COSTS TO CASING POINT: INTANGIBLES		V	
8500-100	Roads/Location	\$10,000		\$10,000
8500-105	Drilling Turnkey	\$0		310,000
8500-103	Drilling Daywork	\$494,625		\$494,625
8500-115	Fuel/Power	\$108,000	-	\$108,000
8500-115 8500-125	Equipment Rental	\$151,080		
8500-125	Legal Fees			\$151,080
	Bonds, Permits and Inspection	\$0		
8500-135		50		2200 000
8500-155	Mud and Chemicals	\$200,000		\$200,000
8500-160	Cementing Services	\$165,000		\$165,000
8500-170	Supervision/Consulting	\$63,800		\$63,800
8500-175	Casing and Other Tangible Crew	\$39,000		\$39,000
8500-180	Damages/Penalties	\$0	100	
8500-185	Coring and Analysis	\$0		
8500-190	Cuttings/Fluids Disposal	\$150,000		\$150,000
8500-195	Directional Drilling Services	\$548,500		\$548,500
8500-200	Drill Bits	\$94,000		\$94,000
8500-210	Surface Damages/ROW	\$0		
8500-215	Contract Labor and Services	\$40,000		\$40,000
8500-220	Mud Logging	SO SO		
8500-235	Reclamation	SO SO		
8500-240	Rig Mobilization/Demob	\$120,000		\$120,000
8500-245	Fishing Tools and Services	SO SO		
8500-250	Testing-Drill Stem/Production	SO SO		
8500-260	Wireline Services	\$0	7)	
8500-265	Water	\$71,250		\$71,250
8500-270	Camp Expenses	\$47,950		\$47,950
8500-285	Contingencies	\$0		
8500-290	Environmental	\$0	700	
8500-300	Overhead	\$0		
8500-350	Insurance	\$0	1. 1.0 (1)	
8500-600	Nonoperated	SO		
8500-700	Impairment	S0		
8500-999	Accruals	\$0		
	TOTAL COST TO CASING POINT - INTANGIBLES	\$2,303,205		\$2,303,205
77 - Table	COMPLETION COSTS: TANGIBLES			
8530-415	Wellhead		\$40,000	\$40,000
9530-413	Subsurface Equipment			340,000
8530-420 8530-510	Tubing		\$0	0.40.563
	Rods		\$48,562	\$48,562
8530-515 8530-525	Artificial Lift Equipment		\$0	P/A AAA
8530-525	Gas Metering Equipment		\$60,000	\$60,000
			\$48,000	\$48,000
3530-535	LACT Unit		\$0	mac
3530-540	Production Facilities and Flowlines		\$100,000	\$100,000
8530-545	Pumping Unit		\$0	00=000
8530-550	Separator, Heater, Treater		\$85,000	\$85,000
8530-555	Tank Battery		\$55,000	\$55,000
3530-560	Vapor Recovery Unit		\$0	

8530-600	Nonoperated		\$0	
8530-700	Impairment		\$0	
8530-999	Accruals		\$0	
1 - V	TOTAL COMPLETION COST - TANGIBLES	POST TENDE	\$436,562	\$436,562
	COMPLETION COSTS: INTANGIBLES			S L. C
8520-100	Roads/Location		\$10,000	\$10,000
8520-120	Perforating Services		\$210,000	\$210,000
8520-125	Equipment Rental	AND	\$173,000	\$173,000
8520-135	Bonds, Permits and Inspection		\$0	
8520-145	Completion Unit	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$13,000	\$13,000
8520-150	Frac Plugs		\$36,000	\$36,000
8520-155	Mud and Chemicals		\$20,000	\$20,000
8520-160	Cementing Services	To the state of the state of	\$0	T. H. S.
8520-165	Acidizing and Fracturing		\$1,137,500	\$1,137,500
8520-170	Supervision/Consulting		\$38,500	\$38,500
8520-175	Casing and Other Tangible Crew		\$0	
8520-190	Cuttings/Fluids Disposal		\$60,000	\$60,000
8520-200	Drill Bits		\$50,000	\$50,000
8520-210	Surface Damages/ROW		\$0	
8520-215	Contract Labor and Services		\$25,000	\$25,000
8520-230	Pump/Vacuum Trucks		\$15,000	\$15,000
8520-235	Reclamation		.\$0	
8520-245	Fishing Tools and Services		\$0	
8520-250	Well Testing	فتبيعين أغنيها	\$84,000	\$84,000
8520-255	Trucking and Hauling		\$0	
8520-260	Wireline Services		\$5,000	\$5,000
8520-270	Camp Expenses		\$6,000	\$6,000
8520-275	Coiled Tubing Services		\$105,000	\$105,000
8520-280	Frac Water		\$359,000	\$359,000
8520-285	Contingencies		\$0	THE STATE
8520-290	Environmental		\$0	
8520-300	Overhead		\$0	
8520-350	Insurance		\$0	
8520-600	Nonoperated		\$0	
8520-700	Impairment		\$0	
8520-999	Accruals		\$0	
	TOTAL COMPLETION COST - INTANGIBLES		\$2,347,000	\$2,347,000
100	TOTAL WELL COST	\$2,848,235	\$2,783,562	\$5,631,797

Approved by:	Date;
Approved by:	Date;
Approved by	Date:

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

APPLICATION OF CHISHOLM ENERGY OPERATING, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 21143

AFFIDAVIT OF JOSH KUHN

Josh Kuhn, of lawful age and being first duly sworn, declares as follows:

My name is Josh Kuhn. I work for Chisholm Energy Operating, LLC ("Chisholm") 1.

as a Geologist.

2. I have previously testified before the New Mexico Oil Conservation Division as an

expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted

by the Division and made a matter of record.

I am familiar with the application filed by Chisholm in this case, and I have 3.

conducted a geologic study of the lands in the subject area.

In this case, Chisholm is targeting the Wolfcamp "A" within the Wolfcamp 4.

formation.

Chisholm Exhibit D-1 is a project locator map showing the standard horizontal 5.

spacing unit for the Minis 1 Fed Com WCA #13H well in relation to the surrounding area.

6. Chisholm Exhibit D-2 is a subsea structure map that I prepared for the top of the

Wolfcamp formation. The contour interval is 50 feet. The map also identifies wells used to create

this Wolfcamp subsea structure map. Within Section 1, the dashed line on the map reflects the path

of the proposed wellbore for the Minis 1 Fed Com WCA #13H well. The structure map shows

that the Wolfcamp is dipping gently to the south/southeast. The structure appears consistent in this

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Hearing Date: March 05, 2020

section. I do not observe any faulting, pinchouts, or other geologic hazards to developing a horizontal well.

- 7. **Chisholm Exhibit D-2** also shows the location of the four wells, depicted by the red line, that were used to construct a cross-section from A to A'. I consider these wells to be representative of the geology of the area.
- 8. Chisholm Exhibit D-3 is a stratigraphic cross section prepared by me for the four representative wells from A to A' and shows the following logs: gamma ray, resistivity, and porosity. The proposed target interval is labeled and depicted with green shading. The logs in the cross-section demonstrate that the target interval within the Wolfcamp "A" is consistent in thickness, across the entire spacing unit.
- 9. Based on my geologic study of the area, I have not identified any geologic impediments to drilling horizontal wells in the area.
- 10. In my opinion, the stand-up orientation of the proposed wells is the preferred orientation for horizontal well development in this area and is appropriate to efficiently and effectively develop the subject acreage.
- 11. In my opinion, each tract comprising the proposed spacing units will be productive and contribute more-or-less equally to production from the wellbore.
- 12. In my opinion, the granting of Chisholm's applications in this case is in the best interest of conservation, the prevention of waste, and protection of correlative rights.
- 13. **Chisholm Exhibits D-1 through D-3** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

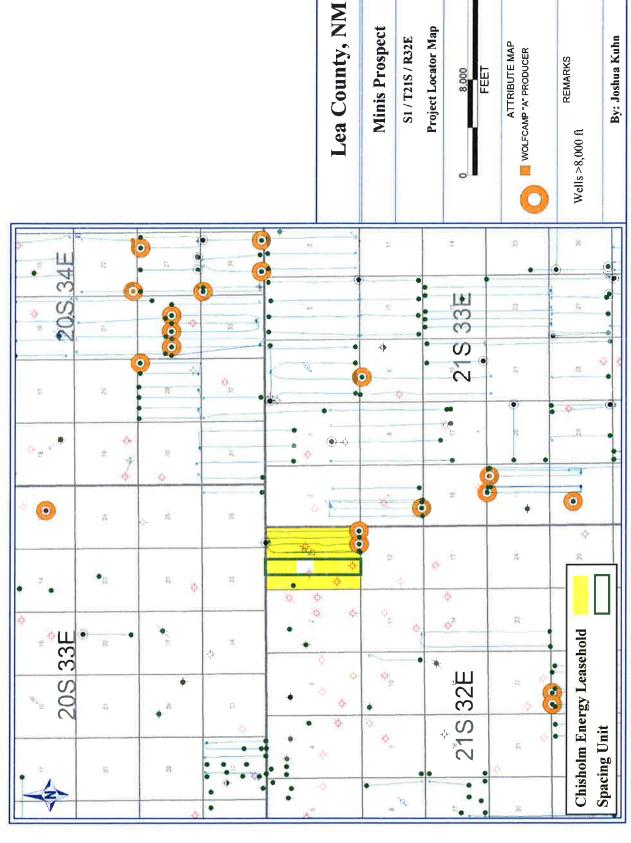
JOSH KUHN

STATE OF TEXAS)
)
COUNTY OF TARRANT)
SUBSCRIBED and SWOR	N to before me this day of March 2020 by Josh
Kuhn.	
	Bean Sulli
	NOTARY PUBLIC

My Commission Expires:

09-12-2020

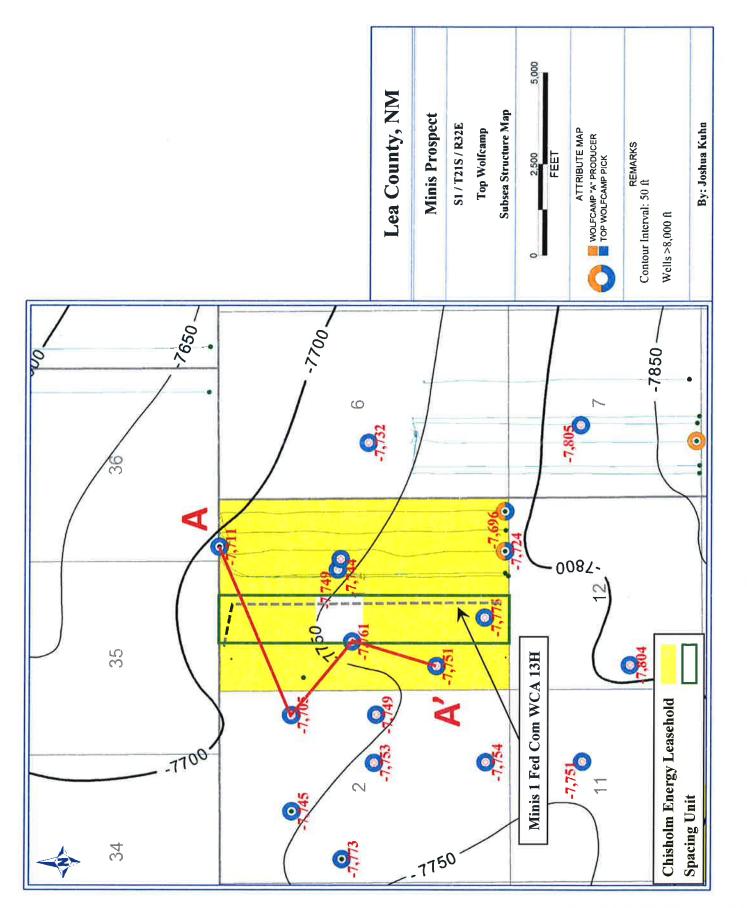
BEAU SULLIVAN
Notary Public, Staté of Texas
Comm. Expires 09-12-2020
Notary ID 130817295



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico Exhibit No. D1

Submitted by: Chisholm Energy Operating, LLC Hearing Date: March 05, 2020 Case No. 21143

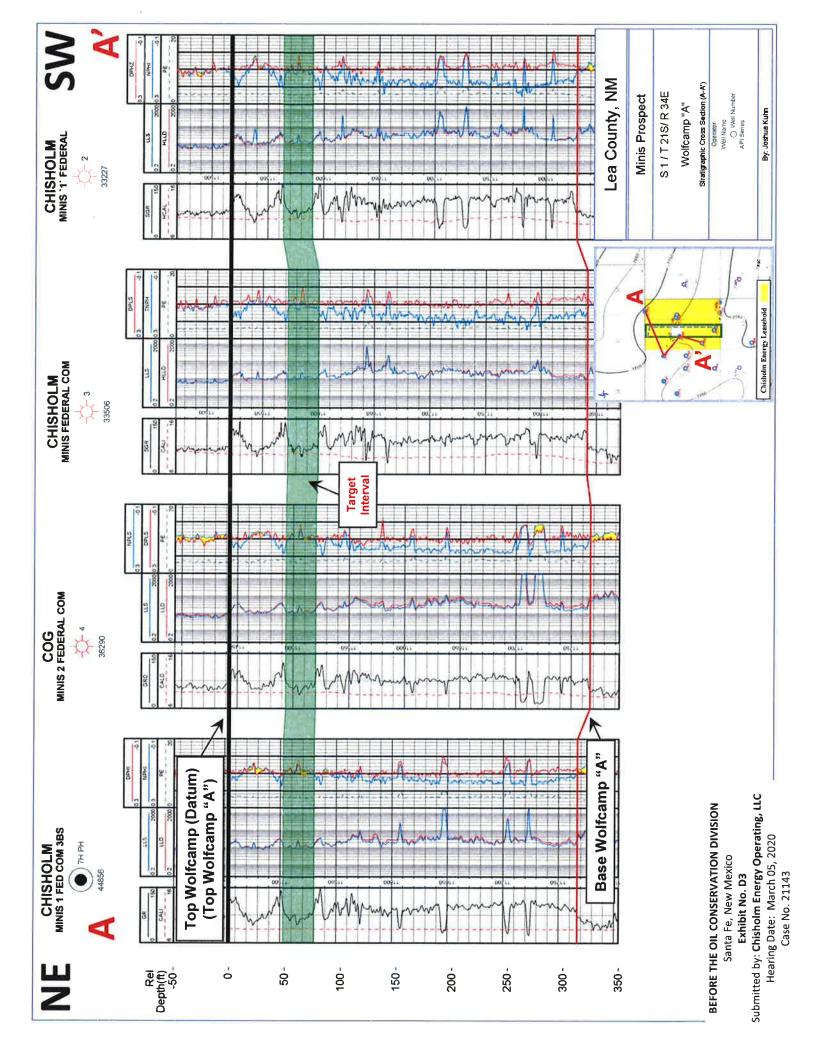


BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Exhibit No. D2

Submitted by: Chisholm Energy Operating, LLC

Hearing Date: March 05, 2020 Case No. 21143



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

APPLICATION OF CHISHOLM ENERGY. OPERATING, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO 21143

AFFIDAVIT

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

Kaitlyn A. Luck, attorney in fact and authorized representative of Chisholm Energy Operating, LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application has been provided under the notice letters and proof of receipts attached hereto.

Kaitlyn A. Luck

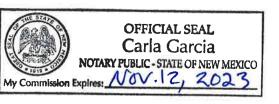
SUBSCRIBED AND SWORN to before me this 4th day of March, 2020 by Kaitlyn A.

Luck.

Notary Public

My Commission Expires:

Nov. 12, 2023



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Exhibit No. E

Submitted by: Chisholm Energy Operating, LLC Hearing Date: March 05, 2020

Case No. 21143



Michael H. Feldewert Phone (505) 988-4421 Fax (505) 983-6043 mfeldewert@hollandhart.com

February 14, 2020

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

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Chisholm Energy Operating LLC for compulsory pooling, Lea

County, New Mexico.

Minis 1 Fed Com WCA #13H Well

Ladies & Gentlemen:

This letter is to advise you that Chisholm Energy Operating, LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on March 5, 2020, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Jacob Daniels, at (817) 953-0737 or jdaniels@chisholmenergy.com.

Michael H. Feldewer

ATTORNEY FOR CHISHOLM ENERGY OPERATING, LLC

Case No. 21140, 21141, 21143 Postal Delivery Report Chisholm - Minis 4H, 5H, 13H

Tracking Number Recipient 9214890194038306501166 Marathon Oil Permian LLC Attn: Land Department 5555 San Felipe Houston TX 77056

9214890194038306501173 Nearburg Producing Company F/B/O Nearburg Producing Employee Fund PO BOX 823085 Dallas TX 75382

9214890194038306501180 Nearburg Exploration Company LLC PO BOX 823085 Dallas TX 75382

Status

Delivered Signature Received Delivered Signature Received **Delivered Signature Received**

Chisholnm - Minis 5H, 13H Case Nos. 21141-21143 Postal Delivery Report

Status

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Shipment Confirmation Acceptance Notice

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Note to Mailer: The labels and volume associated to this form online, must match the labeled packages being presented to the USPS® employee with this form.

Chisholm - Minis 4H, 5H, 13H Case No. 21140, 21141, 21143 CM# 93684.0001

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Other	3
Total	3

^{*}Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

- Note to RSS Clerk:
 1. Home screen > Mailing/Shipping > More
 2. Select Shipment Confirm

 - Scan or enter the barcode/label number from PS Form 5630
 - Confirm the volume count message by selecting Yes or No Select Pay and End Visit to complete transaction

USPS EMPLOYEE; Please scan upon pickup or receipt of mail. Leave form with customer or in customer's mail receptacle.

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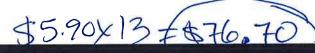
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> Chisholm - Minis 5H, 13H Case Nos. 21141, 21143 CM# 93684.0001

Shipment Date: 02/13/2020

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Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
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Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	13
Total	13

^{*}Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

Note to RSS Clerk:

- Home screen > Mailing/Shipping > More
 Select Shipment Confirm

- Scan or enter the barcode/label number from PS Form 5630
 Confirm the volume count message by selecting Yes or No
 Select Pay and End Visit to complete transaction

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PS Form **3877**, April 2015 PSN 7530-02-000-9098

(Page 1 of 2)

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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 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 February 21, 2020 and ending with the issue dated February 21, 2020.

Publisher

Sworn and subscribed to before me this 21st day of February 2020.

Business Manager

My commission expires

January 29, 2023



OFFICIAL SEAL **GUSSIE BLACK Notary Public** State of New Mexico My Commission Expires (-29-5

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE FEBUARY 21, 2020

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 a public hearing before a hearing examiner on March 5, 2020, 8:15 a.m., in Porter Hall, 1st Floor, Wendell Chino Building, 1220 South St. Francis, Santa Fe, New Mexico. The docket may be viewed electronically on the Division's website, http://www.emnrd.state.nm.us/OCD/hearings.html or obtained from Florene Davidson, OCD Clerk, at (505) 476-3458. Documents filed in the case m a y b e v i e w e d a t http://ocdimage.emnrd.state.nm.us/imagin/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 Florene Davidson, OCD Clerk, at (505) 476-3458, or at the New Mexico Relay Network, 1-800-659-1779, no later than February 24, 2020. February 24, 2020.

> 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.)

To: All overriding royalty interest owners and pooled parties, including: Marathon Oil Permian, LLC; Nearburg Producing Company F/B/O Nearburg Producing Employee Fund; Nearburg Exploration Company, LLC; Resource Development Technology, LLC; Permission Employee Royalty Pool; Paul R. Barwis, his heirs and devisees; Jareed Partners, Ltd.; John Kyle Thoma, Trustee of the Cornerstone Family Trust Dates June 9, 2016; Crownrock Minerals, LP; Kingdom Investments, Limited; Rave Energy, Inc.; George Vaught, Jr., his heirs and devisees; Vendetta Royalty Partners, Ltd.; The Taurus Royalty, LLC; Kimbell Royalty Holdings, LLC; and Rave Energy, Inc. D/B/A GEP III.

Case No. 21143: Application of Chisholm Energy Operating, LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Wolfcamp formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the E/2 W/2 of Irregular Section 1, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the following initial MinIs 1 Fed Com WCA #13H well to be horizontally drilled from a surface location in the NW/4 NW/4 (Lot 4) of Section 1 to bottom hole location in the SE/4 SW/4 (Unit N) of Section 1. The completed interval of the proposed well will comply with Statewide setbacks for oil wells. Also, to be considered will be the cost of drilling and completing the wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and a 200% charge for risk involved in drilling and completing each well. Sald area is located approximately 30 miles west of Eunice, New Mexico.

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HOLLAND & HART LLC PO BOX 2208 SANTA FE,, NM 87504-2208

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. F

Submitted by: Chisholm Energy Operating, LLC Hearing Date: March 05, 2020

Case No. 21143