

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Marathon Oil Permian LLC **OGRID Number:** 372098
Well Name: Southern Comfort 36 SB State 4H; SB State 7H; WD State 8H **API:** 30-015-46200; 30-015-46201; 30-015-46202
Pool: Willow Lake; Bone Spring, West & Purple Sage; Wolfcamp (Gas) **Pool Code:** 96415 & 98220

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD
- B. Check one only for [I] or [II]
 [I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. ☐ Offset operators or lease holders
 B. ☒ Royalty, overriding royalty owners, revenue owners
 C. ☒ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☐ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Adrian Covarrubias

Print or Type Name

Signature

2/10/2021

Date

713-296-3368

Phone Number

acovarrubias@marathonoil.com

e-mail Address



**APPLICATION FOR
COMMINGLING AND OFF-LEASE STORAGE
ON STATE TRUST LANDS**



This application form is required for all commingling applications requiring approval by the Commissioner of Public Lands.

Applicant: MARATHON OIL PERMIAN, LLC

OGRID #: 325960

Well Name: Southern Comfort 36 SB State 4H; SB State 7H; WD State 8H

API #: 30-015-46200; 46201;46202

Pool: Willow Lake; Bone Spring, West & Purple Sage; Wolfcamp

OPERATOR NAME: Marathon Oil Permian LLC

OPERATOR ADDRESS: 5555 San Felipe St., Houston, TX 77056

APPLICATION REQUIREMENTS – SUBMIT:

1. New Mexico Oil Conservation Division (NMOCD) application packet (or equivalent information if no application is required by NMOCD),
2. Commingling application fee of \$150.

CERTIFICATION: To the best of my knowledge,

- All business leases and rights-of-way necessary for conducting the proposed operation on State Trust lands have been applied for or obtained,
- The information submitted with this application is **accurate** and **complete**, and
- No loss will accrue to the state of New Mexico as a result of the proposed operation.

I also understand that **no action** will be taken on this application until the required information and fee are submitted to the State Land Office.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Adrian Covarrubias

Print or Type Name

Signature

713-296-3368

Phone Number

2/10/2021

Date

acovarrubias@marathonoil.com

e-mail Address

Submit application to:
Commissioner of Public Lands
Attn: Commingling Manager
PO Box 1148
Santa Fe, NM 87504-1148

Questions?
Contact the Commingling Manager:
505.827.5791

Upon approval, the requesting organization will receive an acknowledgment letter from the Commissioner of Public Lands.

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Form C-107-B
Revised August 1, 2011

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Marathon Oil Permian LLC
OPERATOR ADDRESS: 5555 San Felipe St., Houston, TX 77057
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Willow Lake; Bone Spring, West (96415)	42.0 API / 1309	47.8 API / 1279 BTU		\$45.25 bbl / \$2.54 / mcf	331 BBLD / 1214 MCFD
Purple Sage; Wolfcamp (Gas) (98220)	42.0 API / 1255				164 BBLD / 2010 MCFD

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☒ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

- (1) Pool Name and Code.
(2) Is all production from same source of supply? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No
(4) Measurement type: ☐ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E. See Attached.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location. See Attached.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.
See Attached.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Adrian Covarrubias TITLE: Regulatory Professional DATE: 2/10/2021

TYPE OR PRINT NAME Adrian Covarrubias TELEPHONE NO.: 713-296-3368

E-MAIL ADDRESS: acovarrubias@marathonoil.com

Marathon Oil Permian, LLC is requesting to Surface Commingle the oil and gas production from the following wells:

Wells	API	Pool
Southern Comfort 36 SB State 4H	30-015-46200	Willow Lake; Bone Spring, West (96415)
Southern Comfort 36 SB State 7H	30-015-46201	Willow Lake; Bone Spring, West (96415)
Southern Comfort 36 WD State 8H	30-015-46202	Purple Sage; Wolfcamp (Gas) (98220)

State Leases Involved (See attached Lease Map for details):

- LG59984
- V041371
- V054462

Marathon Oil Permian LLC, or its predecessors, have filed appropriate pooling agreements for the wells above.

The commingling of this production is the most effective, economic means of producing the reserves and will not result in reduced royalty or improper measurement of production.

Flow Descriptions and Measurement:

The central tank battery is located on the Southern Comfort 36 Fee multi-well pad location in Sec 36, T24S, R28E, State Lease LG59984. The tank battery has six oil tanks, and six water tanks. The three wells have a common CDP, (Central Delivery Point) which is located on the south side of the site.

The production from each well will flow through its own three phase metering separator with a Coriolis Meter to meter the oil, Mag meter to meter the water, and an orifice meter to meter the gas. VRU gas will be allocated back to each well utilizing a percentage of each wells monthly oil production.

Oil production is measured on each separator via the Coriolis meter. This gives a percent of allocated oil per well. That percent is allocated off of the Pipeline LACT meter, truck LACT tickets, or hauler tickets. (Plus tank delta).

Water production is measured on each separator via the mag meter. This gives a percent of allocated water per well. That percent is allocated off of the third party salt water disposal meter and checked with the water transfer meter.

Gas production is measured on each separator via the orifice meter. If gas lift is used then we subtract that metered volume to get the net gas produced. This net volume is used to calculate a percent of allocated gas per well. That percent is allocated off of the third party gas sales meter and checked with the sales check meter.

Attachments:

- Copy of Notice Letter sent to all working interest owners
- Facility Diagram
- Lease Map
- C-102 Plats
- Oil and Gas Analysis



Clayton Rule, CPL

Land Supervisor
LAND - Permian

Marathon Oil Company

5555 San Felipe
Houston, TX 77056
Telephone 713.296.2186
Fax 713.296.4495
CWRULE@marathonoil.com

DELIVERED VIA:
Certified Mail

February 10, 2021

Re: Marathon Oil Permian LLC Application for Surface Commingling
Southern Comfort 36 SB State 4H (30-015-46200)
Southern Comfort 36 SB State 7H (30-015-46201)
Southern Comfort 36 WD State 8H (30-015-46202)
Section 25 & 36, T24S-R28E
Eddy County, New Mexico

To whom it may concern:

Marathon Oil Permian LLC ("Marathon") has filed the attached application with the New Mexico Oil Conservation Division ("Division") for administrative approval to surface lease commingle production according to the provisions of NMAC 19.15.12.10.C from the Southern Comfort 36 SB State 4H well, located in the Willow Lake; Bone Spring, West (Oil) pool (96415), with the Southern Comfort 36 SB State 7H well, located in the Willow Lake; Bone Spring, West (Oil) pool (96415), and the Southern Comfort 36 WD State 8H well, located in the Purple Sage; Wolfcamp (Gas) pool (98220) all located in Section 25 & 36, T24S-R28E, Eddy County, New Mexico.

As an interest owner in these wells, Marathon is required to notify you of this application. Should you have an objection you must file it in writing with the Division no later than 20 days from the date of this letter (the Division's address is 1220 South St. Francis Drive, Santa Fe, NM 87505).

Should you have any questions please do not hesitate to contact me at 713-296-2186 or by email at cwrule@marathonoil.com.

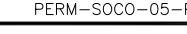
Sincerely,

MARATHON OIL COMPANY

A handwritten signature in blue ink, appearing to read 'C. Rule'.

Clayton Rule, CPL



DOCUMENT NO: PERM-SOCO-05-PI-DN-0000-02									
					FACILITY NAME:				
					SOUTHERN COMFORT STATE 36 4H 7H 8H				
					DRAWING TITLE:				
					SECURITY DRAWING				
MAJOR ASSET NO:	MINOR ASSET NO:	SYSTEM NO:	DISC:	TYPE:	DWG NO:	SHEET NO:	REV:		
PERM	SOCO	05	PI	DN	0000	02	A		

SOUTHERN COMFORT 4H, 7H, & 8H				
COMPONENT	ITEM	OIL METER SERIAL #	ALLOCATION	TYPE
4H SEP	1	MICRO MOTION 14933954/3439472	4H	CORIOLIS FIT-3011
7H SEP	2	MICRO MOTION 14932248/341323	7H	CORIOLIS FIT-3021
8H SEP	3	MICRO MOTION 14932625/3441393	8H	CORIOLIS FIT-3031
COMPONENT	ITEM	WATER METER SERIAL #	ALLOCATION	TYPE
4H SEP	4	ROSEMOUNT 14937548/14937616	4H	MAGNETIC FIT-3010
7H SEP	5	ROSEMOUNT 14937544/14937613	7H	MAGNETIC FIT-3020
8H SEP	6	ROSEMOUNT 14937533/14937602	8H	MAGNETIC FIT-3030
COMPONENT	ITEM	GAS METER SERIAL #	ALLOCATION	TYPE
4H SEP	7	CANALTA D0306645/0051535 ROSEMOUNT	4H	ORIFICE FIT-3012
7H SEP	8	CANALTA D0306406/0051549 ROSEMOUNT	7H	ORIFICE FIT-3022
8H SEP	9	CANALTA D0306656/0051540 ROSEMOUNT	8H	ORIFICE FIT-3032
FACILITY METERS				
COMPONENT	ITEM	GAS METER SERIAL #	ALLOCATION	TYPE
SALES CHECK 1	10	CANALTA D0400911/0057187 ROSEMOUNT	SALES CHECK	ORIFICE FIT-8010
SALES CHECK 2	11	CANALTA D0402575/0057181 ROSEMOUNT	SALES CHECK	ORIFICE FIT-8020
LEASE USE GAS	12	CANALTA D0202525/0049106 ROSEMOUNT	CTB	ORIFICE FIT-5310
BUYBACK CHECK	13	CANALTA S0225791/0057170 ROSEMOUNT	BUYBACK CHECK	ORIFICE FIT-8030
MASTER SALES	14	DANIEL 160024790/T194692228 ABB	MASTER SALES-SENDERO	ORIFICE
MAST BUYBACK	15	DANIEL 11190185/T191260742 ABB	MASTER BB-SENDERO	ORIFICE
VRU TO SALES	16	CANALTA S0226038/0057184 ROSEMOUNT	CTB	ORIFICE FIT-5610
COMPONENT	ITEM	OIL METER SERIAL #	ALLOCATION	TYPE
PL LACT	17	ENDER-HAUSER PC002A16000	ORYX	PROMASS FIT-8310
T LACT	18	MICRO MOTION 14304403/3417518	-	CORIOLIS FIT-8310

COMPONENT	ITEM	WATER METER SERIAL #	ALLOCATION	TYPE
WATER TANK 1	19		LOADOUT	MAGNETIC
WATER TANK 2	20		LOADOUT	MAGNETIC
WATER TRANSFER PUMP	21	ROSEMOUNT 14996153/14996231	TRANSFER SAN MATEO	MAGNETIC FIT-6700
SAN MATEO	22	ABB 3K620000339719/T195095938 ABB	CUSTODY TRANSFER	MAGNETIC
COMPRESSOR METERS				
COMPONENT	ITEM	GAS METER SERIAL #	ALLOCATION	TYPE
GAS LIFT 4H	23		INJECTION 4H	ORIFICE FIT-2010
GAS LIFT 7H	24		INJECTION 7H	ORIFICE FIT-2020
GAS LIFT 8H	25		INJECTION 8H	ORIFICE FIT-2030

**ISSUED FOR
APPROVAL**
11/24/20

11/24/20

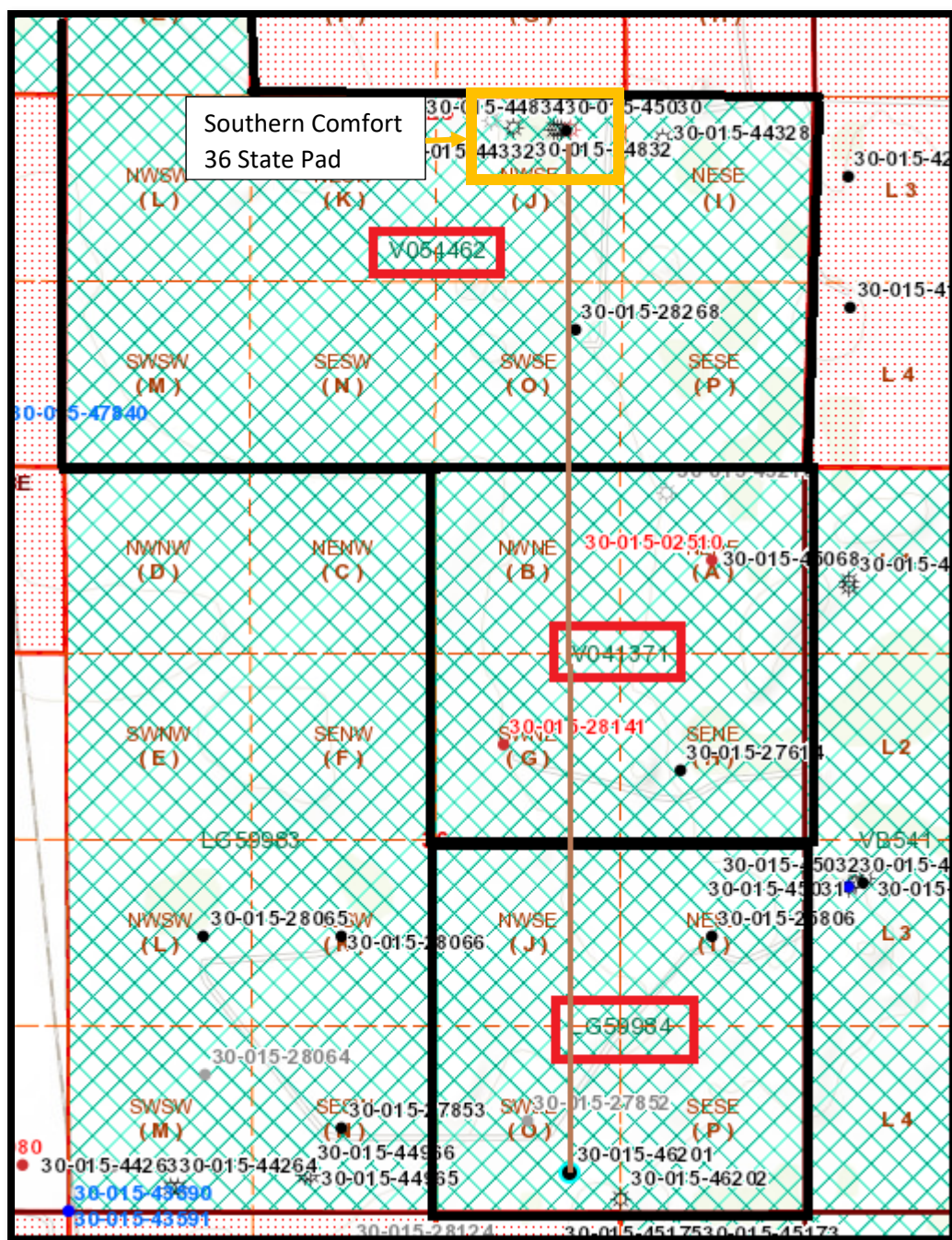
NOTES:

This document contains Marathon Oil proprietary information. Do not use unless you are specifically authorized.
Do not copy, disclose or provide access to others without Marathon Oil's prior written consent.

[illegible]

Lease Map:

Unit Letter O; Section 36, T24S, R28E



1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 493-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT
As-Drilled

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46200	² Pool Code 96415	³ Pool Name Willow Lake; Bone Spring, West
⁴ Property Code 325960	Property Name Southern Comfort 36 SB STATE	⁶ Well Number 4H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 2932'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	24S	28E		302	SOUTH	1734	EAST	EDDY

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
J	25	24S	28E		2402	SOUTH	2067	EAST	EDDY

¹² Dedicated Acres 240.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 631832.26' / Y: 432425.89' B - X: 633194.54' / Y: 432426.07' C - X: 633174.61' / Y: 424423.71' D - X: 631848.34' / Y: 424418.82'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 590648.34' / Y: 432367.36' B - X: 592010.60' / Y: 432367.52' C - X: 591990.48' / Y: 424365.33' D - X: 590664.24' / Y: 424360.45'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date 5/6/2020 Adrian Covarrubias Printed Name E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global. FEBRUARY 6, 2020 Date of Survey Signature and Seal of Professional Surveyor Certificate Number LLOYD P. SHORT 21653
	LAST TAKE POINT/BOTTOM HOLE LOCATION 15836' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 632483.03' / Y: 432164.69' LAT: 32.18775509N / LON: 104.03870277W NAD 27, SPCS NM EAST X: 591299.10' / Y: 432106.16' LAT: 32.18763254N / LON: 104.03821308W		
	FIRST TAKE POINT 8159' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 632472.57' / Y: 424617.04' LAT: 32.16700751N / LON: 104.03880337W NAD 27, SPCS NM EAST X: 591288.46' / Y: 424558.66' LAT: 32.1668847N / LON: 104.03831435W		
	KICK OFF POINT 7775' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 632483.17' / Y: 424529.05' LAT: 32.16676556N / LON: 104.03876988W NAD 27, SPCS NM EAST X: 591299.06' / Y: 424470.67' LAT: 32.16664274N / LON: 104.03828088W		
SURFACE HOLE LOCATION 302' FSL 1734' FEL, SECTION 36 NAD 83, SPCS NM EAST X: 632765.75' / Y: 424723.84' LAT: 32.16729888N / LON: 104.03785493W NAD 27, SPCS NM EAST X: 591581.64' / Y: 424665.45' LAT: 32.16717606N / LON: 104.03736594W			

Distances/areas relative to NAD 83 Combined Scale Factor: 0.999918652 Convergence Angle: 00°09'25.95151"

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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Submit one copy to appropriate
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☐ AMENDED REPORT
As-Drilled

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46202	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 325961	Property Name Southern Comfort 36 WD State	⁶ Well Number 8H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 2932'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	24S	28E		301	SOUTH	1704	EAST	EDDY

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
I	25	24S	28E		2377	SOUTH	1352	EAST	EDDY

¹² Dedicated Acres 480.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

<p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 631832.26' / Y: 432425.89' B - X: 634556.82' / Y: 432426.25' C - X: 634500.87' / Y: 424428.61' D - X: 631848.34' / Y: 424418.82'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 590648.34' / Y: 432367.36' B - X: 593372.85' / Y: 432367.69' C - X: 593316.72' / Y: 424370.20' D - X: 590664.24' / Y: 424360.45'</p> <p>BOTTOM HOLE LOCATION 17945' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 633197.19' / Y: 432140.70' LAT: 32.18768376N / LON: 104.03639445W NAD 27, SPCS NM EAST X: 592013.24' / Y: 432082.16' LAT: 32.18756116N / LON: 104.03590488W</p> <p>LAST TAKE POINT 17900' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 633194.66' / Y: 432095.97' LAT: 32.18756083N / LON: 104.03640303W NAD 27, SPCS NM EAST X: 592010.71' / Y: 432037.43' LAT: 32.18743822N / LON: 104.03591346W</p> <p>KICK OFF POINT 9990' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 633167.68' / Y: 424523.09' LAT: 32.16674401N / LON: 104.03655778W NAD 27, SPCS NM EAST X: 591983.56' / Y: 424464.70' LAT: 32.16662116N / LON: 104.03606886W</p> <p>FIRST TAKE POINT 10495' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 633179.94' / Y: 424753.67' LAT: 32.16737775N / LON: 104.03651610W NAD 27, SPCS NM EAST X: 591995.82' / Y: 424695.27' LAT: 32.16725491N / LON: 104.03602717W</p> <p>SURFACE HOLE LOCATION 301' FSL 1704' FEL, SECTION 36 NAD 83, SPCS NM EAST X: 632795.72' / Y: 424723.74' LAT: 32.16729838N / LON: 104.03775808W NAD 27, SPCS NM EAST X: 591611.61' / Y: 424665.35' LAT: 32.16717556N / LON: 104.03726910W</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> Signature Date 5/7/2020</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global.</p> <p>FEBRUARY 6, 2020 Date of Survey</p> <p> Signature and Seal of Professional Surveyor</p> <p>Certificate Number LLOYD P. SHORT 21653</p>
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Distances/areas relative to NAD 83 Combined Scale Factor: 0.999918652 Convergence Angle: 00°09'25.95151"

1625 N. French Dr., Hobbs, NM 88240
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 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

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

☐ AMENDED REPORT
As-Drilled

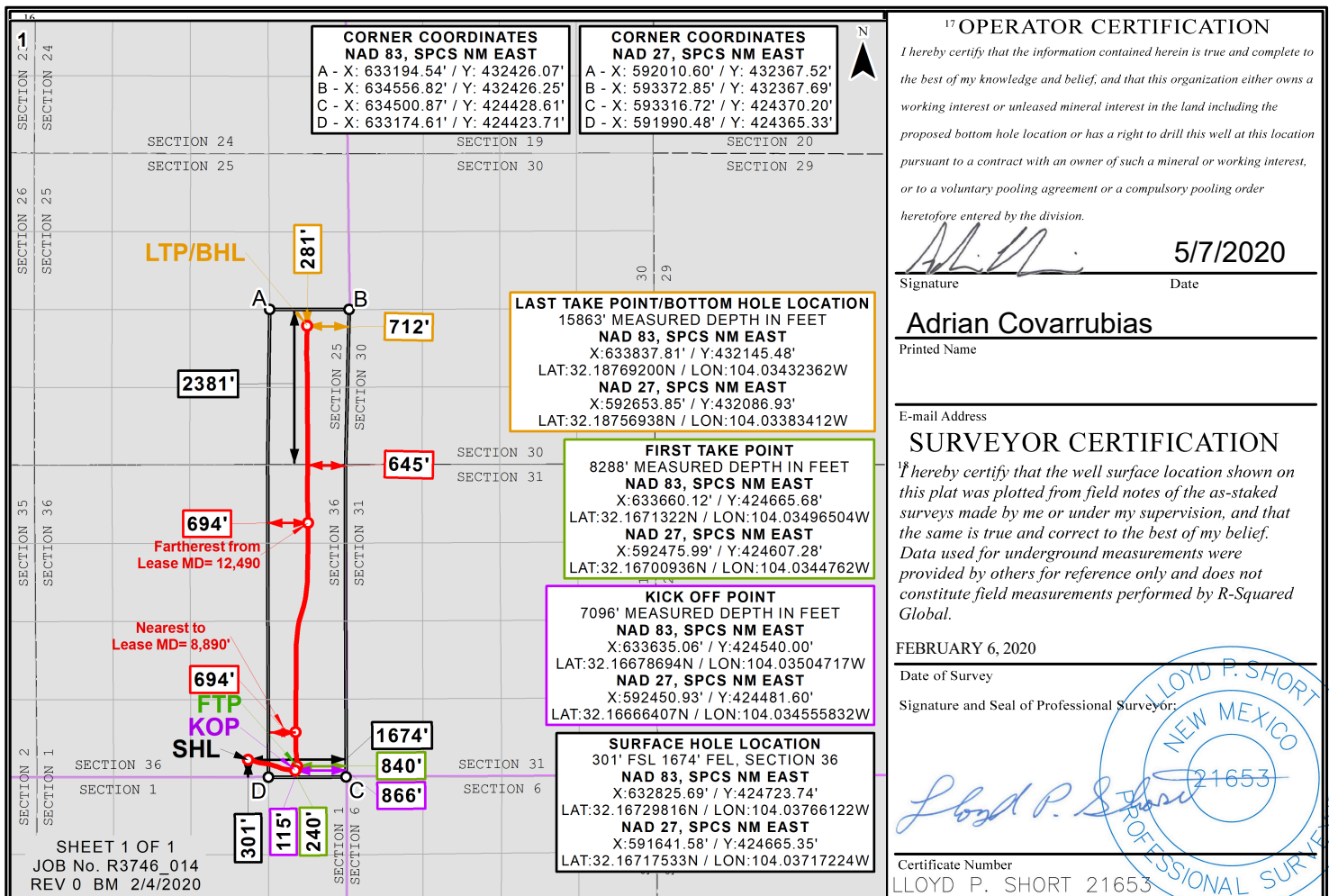
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46201	² Pool Code 96415	³ Pool Name Willow Lake; Bone Spring, West
⁴ Property Code 325960	Property Name Southern Comfort 36 SB STATE	⁶ Well Number 7H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 2933'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	24S	28E		301	SOUTH	1674	EAST	EDDY
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
I	25	24S	28E		2381	SOUTH	712	EAST	EDDY
¹² Dedicated Acres 240.0	¹³ 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.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.999918652 Convergence Angle: 00°09'25.95151"

Customer: MARATHON - Marathon

Operator: 5070 - SPL

Location:

Federal ID:

Meter Data	Product Data	Proving Data
29725640 Southern Comfort St Com SB 4H Factor Tracked Meter Factor(MF) Temp Compensated No NKF 10000.0000 N/bbl Manufacturer Micro Motion Size 2.00 in Serial No. 14933954 Model No. R200	Name LVT200 Batch No. Obs. Gravity 42.0 °API Obs. Temp 60.0 °F Obs. Press 0.0 psi API Table Table D - Lubricating Oils (1980) Base Density 42.0 °API HYC Y	<div> <div>Previous</div> <div>Current</div> </div> Task ID 1593649872 Date 07/01/2020 Time 13:31 Product LVT200 Flowrate 94 bbl/hr Totalizer Throughput Base Density 42.0 °API Avg Prvr Temp 100.0 Avg Prvr Press 1.8 Repeatability 0.038 % MF 0.9989 MF Variance
Master Meter Data Name Midland trailer 2 Temp Compensated No NKF 10000.00 N/bbl Manufacturer Micro Motion Size 2.00 in Serial No. 14967249 Certified Meter Factor 1.0014	Tolerances Tolerance Type: Repeatability Maximum Deviation: 0.050 % Enabled? Y Passed? Y Min # of Runs: 5 Criteria: 5 out of 5 consecutive runs Avg X Prev Meter Factor Deviation: Enabled? N Passed? Y Prod Dep? N Prev X Factor Count Sought: 1 Prev X Factor Count Used: 0 Cut Off History? N Cutoff Date: Prev Meter Factor Deviation: Enabled? N Passed? Y Prod Dep? N Proving Mode: Volumetric Density Mode: Manual Calc. Method: Avg. Meter Factor Proving Method: PIU Passes Per Run 1	Liquid Properties at Metering Conditions for CMF Normal Op. Pressure psig Eq. Vapor Pressure 0.0 psig CPL 1.0000

Run	TEMPERATURE		PRESSURE		PULSES		Run Accepted ?		IMF	Flowrate
	Tp	Tm	Pp	Pm	Np	N				bbl/hr
1	100.0	100.0	1.8	1.8	9986	10011	1	Yes	0.99890	94.28
2	100.0	100.0	1.8	1.8	10289	10316	2	Yes	0.99878	94.28
3	100.0	100.0	1.8	1.8	10294	10320	3	Yes	0.99888	94.32
4	100.0	100.0	1.8	1.8	10302	10327	4	Yes	0.99898	94.36
5	100.0	100.0	1.8	1.8	10269	10292	5	Yes	0.99916	94.36
Average	100.0	100.0	1.8	1.8	10228.0	10253.2			0.99894	94.320

(1) GSVp: $[N(\text{avg}) \div NKFp = IVp] * [CTLp * CPLp = CCFp]$

$Np(\text{avg})$	$NKFp$	IVp	$CTLp$	$CPLp$	$CCFp$	$GSVp$
10228.0	10000.0000	1.02280	0.98279	1.00001	0.98418	1.00662

(2) ISVm: $[N(\text{avg}) \div NKF = IVm] * [CTLm * CPLm = CCFm]$

$N(\text{avg})$	NKF	IVm	$CTLm$	$CPLm$	$CCFm$	$ISVm$
10253.2	10000.0000	1.02532	0.98279	1.00001	0.98280	1.00768

(3) Proving Factors:

>>>>	(1)	GSVp \div ISVm =	0.9989	MF
	(2)	MF * CPL =	0.9989	CMF
	(3)	1 \div MF =	1.0011	MA
	(4)	NKF \div MF =	10011	KF
	(5)	KF \div CPL =	10011	CKF

Repeatability: **0.038 %**
Uncertainty: **0.020 %**

Trans. Serial No.	
Flow Calib Factor	
Density Calib Factor	
Frequency Set Point	
Flowrate Set Point	
Zero Verified	Zeroed Y
As Found	0.03 As Left -0.02

Notes

Totalizer as found-59511
Totalizer as Left-59521

Technician: Brian Porter

Witness: Cody Richardson


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PROVEit PROVEit 8.7.0.0

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Revision: 1

Customer: MARATHON - Marathon

Operator: 5070 - SPL

Location:

Federal ID:

Meter Data 29725590 Southern Comfort St Com WD 8 Factor Tracked Meter Factor(MF) Temp Compensated No NKF 10000.0000 N/bbl Manufacturer Micro Motion Size 2.00 in Serial No. 14932625 Model No. R200	Product Data Name LVT200 Batch No. Obs. Gravity 42.0 °API Obs. Temp 60.0 °F Obs. Press 0.0 psi API Table Table D - Lubricating Oils (1980) Base Density 42.0 °API HYC Y	Proving Data <div style="display: flex; justify-content: space-between;"> <u>Previous</u> <u>Current</u> </div> Task ID 1593651901 Date 07/01/2020 Time 14:05 Product LVT200 Flowrate 55 bbl/hr Totalizer Throughput Base Density 42.0 °API Avg Prvr Temp 103.1 Avg Prvr Press 26.3 Repeatability 0.040 % MF 0.9951 MF Variance
Master Meter Data Name Midland trailer 2 Temp Compensated No NKF 10000.00 N/bbl Manufacturer Micro Motion Size 2.00 in Serial No. 14967249 Certified Meter Factor 1.0008	Tolerances Tolerance Type: Repeatability Maximum Deviation: 0.050 % Enabled? Y Passed? Y Min # of Runs: 5 Criteria: 5 out of 5 consecutive runs Avg X Prev Meter Factor Deviation: Enabled? N Passed? Y Prod Dep? N Prev X Factor Count Sought: 1 Prev X Factor Count Used: 0 Cut Off History? N Cutoff Date: Prev Meter Factor Deviation: Enabled? N Passed? Y Prod Dep? N Proving Mode: Volumetric Density Mode: Manual Calc. Method: Avg. Meter Factor Proving Method: PIU Passes Per Run 1	Liquid Properties at Metering Conditions for CMF Normal Op. Pressure psig Eq. Vapor Pressure 0.0 psig CPL 1.0000

Run	TEMPERATURE		PRESSURE		PULSES		Run Accepted ?	IMF	Flowrate bbl/hr
	Tp	Tm	Pp	Pm	Np	N			
1	103.1	103.1	26.3	26.3	10218	10277	1 Yes	0.99505	55.33
2	103.1	103.1	26.3	26.3	10195	10253	2 Yes	0.99514	55.40
3	103.1	103.1	26.3	26.3	10045	10101	3 Yes	0.99525	55.40
4	103.1	103.1	26.3	26.3	10046	10106	4 Yes	0.99485	55.40
5	103.1	103.1	26.3	26.3	10094	10152	5 Yes	0.99508	55.62
Average	103.1	103.1	26.3	26.3	10119.6	10177.8		0.99507	55.433

(1) GSVp: $[N(\text{avg}) \div NKFp = IVp] * [CTLp * CPLp = CCFp]$

<i>Np(avg)</i>	<i>NKFp</i>	<i>IVp</i>	<i>CTLp</i>	<i>CPLp</i>	<i>CCFp</i>	<i>GSVp</i>
10119.6	10000.0000	1.01196	0.98145	1.00017	0.98240	0.994150

(2) ISVm: $[N(\text{avg}) \div NKF = IVm] * [CTLm * CPLm = CCFm]$

<i>N(avg)</i>	<i>NKF</i>	<i>IVm</i>	<i>CTLm</i>	<i>CPLm</i>	<i>CCFm</i>	<i>ISVm</i>
10177.8	10000.0000	1.01778	0.98145	1.00017	0.98162	0.999073

(3) Proving Factors:

>>>> (1)	GSVp \div ISVm =	0.9951	MF
(2)	MF * CPL =	0.9951	CMF
(3)	1 \div MF =	1.0049	MA
(4)	NKF \div MF =	10049	KF
(5)	KF \div CPL =	10049	CKF

Repeatability: **0.040 %**
Uncertainty: **0.021 %**

Trans. Serial No. Flow Calib Factor Density Calib Factor Frequency Set Point Flowrate Set Point Zero Verified As Found	Zeroed As Left
--	-------------------

Notes
Totalizer as found-12393
Totalizer as Left-12400

Technician: Brian Porter

Witness: Cody Richardson



Customer: MARATHON - Marathon

Operator: 5070 - SPL

Location:

Federal ID:

Meter Data	Product Data	Proving Data
29725580 Southern Comfort St Com SB 7H Factor Tracked Meter Factor(MF) Temp Compensated No NKF 10000.0000 N/bbl Manufacturer Micro Motion Size 2.00 in Serial No. 14932248 Model No. R200	Name LVT200 Batch No. Obs. Gravity 42.0 °API Obs. Temp 60.0 °F Obs. Press 0.0 psi API Table Table D - Lubricating Oils (1980) Base Density 42.0 °API HYC Y	Previous Current Task ID 1593653702 Date 07/01/2020 Time 14:35 Product LVT200 Flowrate 91 bbl/hr Totalizer Throughput Base Density 42.0 °API Avg Prvr Temp 105.1 Avg Prvr Press 2.8 Repeatability 0.010 % MF 1.0019 MF Variance
Master Meter Data Name Midland trailer 2 Temp Compensated No NKF 10000.00 N/bbl Manufacturer Micro Motion Size 2.00 in Serial No. 14967249 Certified Meter Factor 1.0014	Tolerances Tolerance Type: Repeatability Maximum Deviation: 0.050 % Enabled? Y Passed? Y Min # of Runs: 5 Criteria: 5 out of 5 consecutive runs Avg X Prev Meter Factor Deviation: Enabled? N Passed? Y Prod Dep? N Prev X Factor Count Sought: 1 Prev X Factor Count Used: 0 Cut Off History? N Cutoff Date: Prev Meter Factor Deviation: Enabled? N Passed? Y Prod Dep? N Proving Mode: Volumetric Density Mode: Manual Calc. Method: Avg. Meter Factor Proving Method: PIU Passes Per Run 1	Liquid Properties at Metering Conditions for CMF Normal Op. Pressure psig Eq. Vapor Pressure 0.0 psig CPL 1.0000

Run	TEMPERATURE Tp	Tm	PRESSURE Pp	Pm	PULSES Np	N	Run Accepted ?	IMF	Flowrate bbl/hr
1	105.1	105.1	2.8	2.8	10162	10156	1 Yes	1.00199	90.86
2	105.1	105.1	2.8	2.8	10148	10143	2 Yes	1.00189	90.86
3	105.1	105.1	2.8	2.8	10178	10173	3 Yes	1.00189	90.86
4	105.1	105.1	2.8	2.8	10156	10150	4 Yes	1.00199	90.86
5	105.1	105.1	2.8	2.8	10207	10202	5 Yes	1.00189	90.86
Average	105.1	105.1	2.8	2.8	10170.2	10164.8		1.00193	90.864

(1) GSVp: $[N(\text{avg}) \div NKFp = IVp] * [CTLp * CPLp = CCFp]$

$Np(\text{avg})$	$NKFp$	IVp	$CTLp$	$CPLp$	$CCFp$	$GSVp$
10170.2	10000.0000	1.01702	0.98059	1.00002	0.98198	0.998693

(2) ISVm: $[N(\text{avg}) \div NKF = IVm] * [CTLm * CPLm = CCFm]$

$N(\text{avg})$	NKF	IVm	$CTLm$	$CPLm$	$CCFm$	$ISVm$
10164.8	10000.0000	1.01648	0.98059	1.00002	0.98061	0.996770

(3) Proving Factors:

>>>> (1) $GSVp \div ISVm = 1.0019$ MF
 (2) $MF * CPL = 1.0019$ CMF
 (3) $1 \div MF = 0.9981$ MA
 (4) $NKF \div MF = 9981.0$ KF
 (5) $KF \div CPL = 9981.0$ CKF

Repeatability: **0.010 %**
 Uncertainty: **0.005 %**

Trans. Serial No.	
Flow Calib Factor	
Density Calib Factor	
Frequency Set Point	
Flowrate Set Point	
Zero Verified	Zeroed
As Found	As Left

Notes

Totalizer as found-63678
 Totalizer as Left-63684

Technician: Brian Porter

Witness: Cody Richardson



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 Revision: 1



Meter: ORX-340 - Southern Comfort 36 State

Field Location:

Reason:

Date Performed: 12/14/2020 5:25:20PM

Identification

Customer: ORYX_PETROLEUM

Operator: ORYX_PETROLEUM

Federal ID:

Meter

Characteristics

Brand: ENDRESS HAUSE Nominal K-Factor: 10000.0000 N/bbl
 Model: Promass F Nominal Size:
 Serial: PC002A16000 Passes Per Run: 1
 Proving Mode: Volumetric Tmp. Compensated: No
 MF Calc. Method: Avg. Meter Factor Interface: Manual
 Track Factor: Composite MF Density Mode: Manual

Proving Acceptance Criteria

Repeatability: 0.050 % Consistency Req.: 5 out of 5
 Prior Dev Check: No Prior Historical Baseline No
 Max Deviation:
 No. Prev. Factors:
 Prior Cutoff: No No
 Product Dependent:
 Use Failed Provings:

Prover/Proving

Prover

Prover Class: Displacement Cubical Coeff. (Gc): 1.86E-5 1/°F
 Displacer: Sphere Elasticity: 3.0E7 psi
 Brand: Base Prover Vol.: 1.64939 bbl
 Serial: 19008-02 Cert. Date:
 Pipe ID: 6.000 in
 Pipe Thickness: 0.280 in

Product Data

Product: 1
 Product Table: Table A- Crude Oil (1980)
 Hydro. Correction: Yes
 Density: 47.8 °API
 @ Temperature: 58.0 °F Equil. Vapor Pres.:
 @ Pressure: 0.0 psi Base Density: 48.0 °API
 Product Batch #:
 Norm. Op. Press.: 57.0 psig

Proving

Run Data

Run No.	Accepted	Tp (°F)	Tm (°F)	Pp (psig)	Pm (psig)	N	FlowRate	IMF
1	Yes	59.8	59.9	52.0	57.0	16484.000	295.000	1.00061
2	Yes	59.7	59.9	52.0	57.0	16483.000	295.000	1.00076
3	Yes	59.7	59.9	52.0	57.0	16482.000	295.000	1.00082
4	Yes	59.7	59.9	52.0	57.0	16484.000	295.000	1.00070
5	Yes	59.6	59.8	52.0	57.0	16478.000	295.000	1.00107
Average		59.7	59.9	52.0	57.0	16482.2000	295.000	1.00079

Results

- Meter -	- Prover -	- Factors -	- Status -
Nm: 16482.2000	CTSp: .99999	MF: 1.0008	Repeatability: 0.046 %
IVm: 1.64822	CPSp: 1.00004	CMF: 1.0012	Uncertainty: 0.025 %
CTLm: 1.00010	CTLp: 1.00020	MA: 0.9992	Passed: Yes
CPLm: 1.00035	CPLp: 1.00032	KF: 9992.0	
CCFm: 1.00045	CCFp: 1.00055	CKF: 9988.0	
ISVm: 1.64896	GSVp: 1.65030	CPLo: 1.0004	

Historical Data

Task ID	Date	Product	Flow Rate	Tp	Pp	Totalizer	Throughput	Base Dens	Rep. %	CMF	CMF Dev
Base.											
Prev. 1605319461	11/13/2020 14:04 1		290 bb/hr	77.9 °F	49.0 psig	255149	16244	46.6 °API	0.036	1.0014	-0.0002
Curr. 1608009920	12/14/2020 17:25 1		295 bb/hr	59.7 °F	52.0 psig	271393		48.0 °API	0.046	1.0012	

Notes

inlet seal off 5632948 - on 8520 | outlet seal off 5632947 - on 8519 | BB seal off 5849993 - on 29214

Technician: Ky Hofack
 Company: SCS Technologies

Witness: Patrick Fox
 Company:

PROVEit
 Released to Imaging: 4/5/2022 1:15:49 PM



Certificate of Analysis

Number: 6030-20120059-002A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Matt Erickson
Marathon Oil Corporation
4111 S. Tidwell
Carlsbad, NM 88220

Dec. 09, 2020

Station Name: Southern Comfort 4,7,8 Sales Check 2
Station Number: 23282SC
Station Location: Marathon
Sample Point: RGA
Type of Sample: Spot-Cylinder
Heat Trace Used: N/A
Sampling Method: Fill and Purge
Sampling Company: SPL
Analyzed: 12/09/2020 14:06:47 by KNF

Sampled By: Jonah Reza
Sample Of: Gas Spot
Sample Date: 12/08/2020 01:54
Sample Conditions: 63.12 psig, @ 98.2 °F Ambient: 64 °F
Effective Date: 12/08/2020 01:54
Method: GPA-2261M
Cylinder No: 1111-002507
Instrument: 70104251 (Inficon GC-MicroFusion)
Last Inst. Cal.: 12/07/2020 0:00 AM

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia		
Hydrogen Sulfide	0.000	0.00025	0.000		GPM TOTAL C2+	5.804
Nitrogen	0.839	0.83905	1.101		GPM TOTAL C3+	2.860
Methane	78.808	78.82232	59.213		GPM TOTAL iC5+	0.742
Carbon Dioxide	0.124	0.12372	0.255			
Ethane	11.029	11.03120	15.532	2.944		
Propane	4.876	4.87669	10.070	1.341		
Iso-butane	0.770	0.76994	2.096	0.251		
n-Butane	1.672	1.67240	4.552	0.526		
Iso-pentane	0.464	0.46418	1.568	0.169		
n-Pentane	0.505	0.50469	1.705	0.183		
Hexanes Plus	0.895	0.89556	3.908	0.390		
	99.982	100.00000	100.000	5.804		

Calculated Physical Properties

Relative Density Real Gas	Total	C6+
Calculated Molecular Weight	0.7398	3.2176
Compressibility Factor	21.36	93.19
	0.9963	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	1279	5113
Water Sat. Gas Base BTU	1257	5024
Ideal, Gross HV - Dry at 14.65 psia	1274.4	5113.2
Ideal, Gross HV - Wet	1252.1	5023.7

Comments: H2S Field Content 2.5 ppm
Mcf/day 2545.309

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Certificate of Analysis

Number: 6030-20120102-004A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Matt Erickson
Marathon Oil Corporation
4111 S. Tidwell
Carlsbad, NM 88220

Dec. 15, 2020

Station Name: Southern Comfort 4H Production
Station Number: 23266GP
Station Location: Marathon
Sample Point: RGA
Type of Sample: Spot-Cylinder
Heat Trace Used: N/A
Sampling Method: Fill and Purge
Sampling Company: SPL
Analyzed: 12/15/2020 11:35:19 by KNF

Sampled By: Jonah Reza
Sample Of: Gas Spot
Sample Date: 12/11/2020 01:14
Sample Conditions: 107.1 psig, @ 91.3 °F Ambient: 64 °F
Effective Date: 12/11/2020 01:14
Method: GPA-2261M
Cylinder No: 1111-003920
Instrument: 70104251 (Inficon GC-MicroFusion)
Last Inst. Cal.: 12/14/2020 0:00 AM

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia		
Hydrogen Sulfide	0.000	0.00000	0.000		GPM TOTAL C2+	6.482
Nitrogen	1.652	1.66967	2.105		GPM TOTAL C3+	3.345
Methane	74.852	75.64341	54.618		GPM TOTAL iC5+	0.896
Carbon Dioxide	0.234	0.23617	0.468			
Ethane	11.626	11.74885	15.900	3.137		
Propane	5.727	5.78736	11.486	1.592		
Iso-butane	0.782	0.79007	2.067	0.258		
n-Butane	1.885	1.90443	4.982	0.599		
Iso-pentane	0.463	0.46780	1.519	0.171		
n-Pentane	0.516	0.52146	1.693	0.189		
Hexanes Plus	1.218	1.23078	5.162	0.536		
	98.955	100.00000	100.000	6.482		

Calculated Physical Properties

Relative Density Real Gas	Total	C6+
	0.7700	3.2176
Calculated Molecular Weight	22.22	93.19
Compressibility Factor	0.9960	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	1309	5113
Water Sat. Gas Base BTU	1287	5024
Ideal, Gross HV - Dry at 14.65 psia	1304.0	5113.2
Ideal, Gross HV - Wet	1281.2	5023.7

Comments: H2S Field Content 0 ppm
Mcf/day 1191.987

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Certificate of Analysis

Number: 6030-20120059-001A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Matt Erickson
Marathon Oil Corporation
4111 S. Tidwell
Carlsbad, NM 88220

Dec. 09, 2020

Station Name: Southern Comfort 8H Production
Station Number: 23271GP
Station Location: Marathon
Sample Point: RGA
Type of Sample: Spot-Cylinder
Heat Trace Used: N/A
Sampling Method: Fill and Purge
Sampling Company: SPL
Analyzed: 12/09/2020 14:06:48 by KNF

Sampled By: Jonah Reza
Sample Of: Gas Spot
Sample Date: 12/08/2020 10:15
Sample Conditions: 112.42 psig, @ 102.64 °F Ambient: 52 °F
Effective Date: 12/08/2020 10:15
Method: GPA-2261M
Cylinder No: 1111-001238
Instrument: 70104124 (Inficon GC-MicroFusion)
Last Inst. Cal.: 12/07/2020 0:00 AM

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia		
Hydrogen Sulfide	0.000	0.00025	0.000		GPM TOTAL C2+	5.490
Nitrogen	0.786	0.78908	1.058		GPM TOTAL C3+	2.582
Methane	79.400	79.76183	61.240		GPM TOTAL iC5+	0.550
Carbon Dioxide	0.122	0.12296	0.259			
Ethane	10.846	10.89533	15.679	2.908		
Propane	4.763	4.78471	10.098	1.315		
Iso-butane	0.718	0.72147	2.007	0.236		
n-Butane	1.521	1.52783	4.250	0.481		
Iso-pentane	0.395	0.39660	1.369	0.145		
n-Pentane	0.415	0.41649	1.438	0.151		
Hexanes Plus	0.581	0.58345	2.602	0.254		
	99.547	100.00000	100.000	5.490		

Calculated Physical Properties

Relative Density Real Gas	0.7237	C6+	3.2176
Calculated Molecular Weight	20.89		93.19
Compressibility Factor	0.9964		

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	1255	5113
Water Sat. Gas Base BTU	1234	5024
Ideal, Gross HV - Dry at 14.65 psia	1250.7	5113.2
Ideal, Gross HV - Wet	1228.8	5023.7

Comments: H2S Field Content 2.5 ppm
Mcf/day 2006.069

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Certificate of Analysis

Number: 6030-20120102-005A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Matt Erickson
Marathon Oil Corporation
4111 S. Tidwell
Carlsbad, NM 88220

Dec. 15, 2020

Station Name: Southern Comfrot 7H Production
Station Number: 23274GP
Station Location: Marathon
Sample Point: RGA
Type of Sample: Spot-Cylinder
Heat Trace Used: N/A
Sampling Method: Fill and Purge
Sampling Company: SPL
Analyzed: 12/15/2020 11:35:18 by KNF

Sampled By: Jonah Reza
Sample Of: Gas Spot
Sample Date: 12/11/2020 01:32
Sample Conditions: 108.01 psig, @ 89.32 °F Ambient: 63 °F
Effective Date: 12/11/2020 01:32
Method: GPA-2261M
Cylinder No: 1111-001220
Instrument: 70104124 (Inficon GC-MicroFusion)
Last Inst. Cal.: 12/14/2020 0:00 AM

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia		
Hydrogen Sulfide	0.000	0.00000	0.000		GPM TOTAL C2+	6.023
Nitrogen	1.386	1.39543	1.824		GPM TOTAL C3+	2.890
Methane	76.674	77.19005	57.767		GPM TOTAL iC5+	0.553
Carbon Dioxide	0.161	0.16188	0.332			
Ethane	11.660	11.73891	16.466	3.133		
Propane	5.607	5.64425	11.610	1.552		
Iso-butane	0.732	0.73703	1.998	0.241		
n-Butane	1.718	1.72916	4.688	0.544		
Iso-pentane	0.388	0.39041	1.314	0.142		
n-Pentane	0.407	0.40944	1.378	0.148		
Hexanes Plus	0.599	0.60344	2.623	0.263		
	99.332	100.00000	100.000	6.023		

Calculated Physical Properties

Relative Density Real Gas	Total	C6+
Calculated Molecular Weight	0.7426	3.2176
Compressibility Factor	21.44	93.19
	0.9963	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	1273	5113
Water Sat. Gas Base BTU	1252	5024
Ideal, Gross HV - Dry at 14.65 psia	1268.8	5113.2
Ideal, Gross HV - Wet	1246.6	5023.7

Comments: H2S Field Content 0 ppm
Mcf/day 1498.102

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
02/11/2021

Firm Mailing Book ID: 203205

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0079 3887 51	A WAYNE DAVENPORT AND WIFE KAREN DAVENPORT 577 BLACK BEARD RD N E ALBUQUERQUE, NM 87122 NM 87122	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
2	9314 8699 0430 0079 3887 68	ALLAR CO PO BOX 1567 GRAHAM, TX 76450-7567 TX 76450	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
3	9314 8699 0430 0079 3887 75	BALOG FAMILY TRUST 08152002 KAREN KROHN TRUSTEE PO BOX 111890 ANCHORAGE, AK 99511-1890 TX 77024	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
4	9314 8699 0430 0079 3887 82	BANE BIGBIE PO BOX 998 ARDMORE, OK 73402 OK 73402	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
5	9314 8699 0430 0079 3887 99	BB MANAGEMENT LLC PO BOX 80735 PHOENIX, AZ 85060 AZ 85060	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
6	9314 8699 0430 0079 3888 05	BEACHBUMS ENERGY LLC PO BOX 5141 SCOTTSDALE, AZ 85261 AZ 85261	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
7	9314 8699 0430 0079 3888 12	BF ENERGY LLC 3504 E CLAREMONT AVE PARADISE VALLEY, AZ 85253 AZ 85253	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
8	9314 8699 0430 0079 3888 29	BID GROUP LLC PO BOX 5045 SCOTTSDALE, AZ 85261 AZ 85261	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
9	9314 8699 0430 0079 3888 36	BRENT JEREMY HONEYMAN 26 MEADOW BROOK PL THE WOODLANDS, TX 77382 TX 77382	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
10	9314 8699 0430 0079 3888 43	CANAAN RESOURCES DRILLING COMPANY LLC PO BOX 21706 OKLAHOMA CITY, OK 73156 OK 73156	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
11	9314 8699 0430 0079 3888 50	CANDICE AND DEAN DELLENEY 3643 CANYON CREEK CIRCLE TYLER, TX 75707 TX 75707	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
12	9314 8699 0430 0079 3888 67	CARL AND GWENETTA MORGAN 4062 US HWY 82 MAYHILL, NM 88339 NM 88339	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
13	9314 8699 0430 0079 3888 74	CATALYST ENERGY LLC 3018 N 53RD PLACE PHOENIX, AZ 85018 AZ 85018	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
14	9314 8699 0430 0079 3888 81	CD RAY EXPLORATION LLC PO BOX 51608 MIDLAND, TX 79710 TX 79710	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice



Karlene Schuman
 Modrall Sperling Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 02/11/2021

Firm Mailing Book ID: 203205

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
15	9314 8699 0430 0079 3888 98	CENTENNIAL LLC PO BOX 1837 ROSWELL, NM 88202-1837 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
16	9314 8699 0430 0079 3889 04	COMMISSIONER OF PUBLIC LANDS STATE OF NEW MEXICO PO BOX 1148 SANTA FE, NM 87504-1148 NM 87504	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
17	9314 8699 0430 0079 3889 11	CONCHO RESOURCES INC COG ACREAGE LP 600 W ILLINOIS AVE MIDLAND, TX 79701 TX 79701	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
18	9314 8699 0430 0079 3889 28	CONCHO RESOURCES INC COG PRODUCTION LLC 600 W ILLINOIS AVE MIDLAND, TX 79701 TX 79701	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
19	9314 8699 0430 0079 3889 35	CONCHO RESOURCES INC COG OPERATING LLC 600 W ILLINOIS AVE MIDLAND, TX 79701 TX 79701	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
20	9314 8699 0430 0079 3889 42	CRP XII HOLDINGS LLC DBA CRP XII LLC 1101 N BROADWAY SUITE 300 OKLAHOMA CITY, OK 73103 OK 73103	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
21	9314 8699 0430 0079 3889 59	DONALD E WENNER AND LAURIE WENNER 3600 KESSLER PLACE ROSWELL, NM 88201 NM 88201	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
22	9314 8699 0430 0079 3889 66	ENERGY PROPERTIES LIMITED LP PO BOX 51408 CASPER, WY 82605-1408 WY 82605	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
23	9314 8699 0430 0079 3889 73	ERIK I KNUDSON 3440 W JASPER DRIVE CHANDLER, AZ 85226 AZ 85226	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
24	9314 8699 0430 0079 3889 80	FORTYNINER RIDGE LLC 12231 ACADEMY NE ALBUQUERQUE, NM 87111 NM 87111	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
25	9314 8699 0430 0079 3889 97	GROSS FAMILY LIMITED PARTNERSHIP DIANE COSTON AIF PO BOX 358 ROSWELL, NM 88203 NM 88203	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
26	9314 8699 0430 0079 3890 00	GUINN FAMILY PROPERTIES LTD PO BOX 1298 GRAHAM, TX 76450 TX 76450	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
27	9314 8699 0430 0079 3890 17	H M BETTIS INC PO BOX 1240 GRAHAM, TX 76450 TX 76450	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice



Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
02/11/2021

Firm Mailing Book ID: 203205

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
28	9314 8699 0430 0079 3890 24	H6 HOLDINGS LLC PO BOX 1212 MIDLAND, TX 79702 TX 79702	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
29	9314 8699 0430 0079 3890 31	HANLEY PETROLEUM LLC PO BOX 1348 FORT WORTH, TX 76101 TX 76101	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
30	9314 8699 0430 0079 3890 48	HUTCHINGS OIL COMPANY PO BOX 1216 ALBUQUERQUE, NM 87103 NM 87103	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
31	9314 8699 0430 0079 3890 55	INNOVENTIONS INC PO BOX 40 CEDAR CREST, NM 87008-0040 NM 87008	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
32	9314 8699 0430 0079 3890 62	IRIS CAMILLE JACKSON-MENEFEE 520 WEST MAIN ST ARTESIA, NM 88210 NM 88210	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
33	9314 8699 0430 0079 3890 79	J AND J ENERGY LLC 300 N SORREL CT SHOW LOW, AZ 85901 AZ 85901	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
34	9314 8699 0430 0079 3890 86	JACKS PEAK LLC PO BOX 294928 KERRVILLE, TX 78029 TX 78029	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
35	9314 8699 0430 0079 3890 93	JAMES ADELSON AND FAMILY 2015 TRUSTS 15 EAST 5TH ST STE 3300 TULSA, OK 74103 OK 74103	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
36	9314 8699 0430 0079 3891 09	JAMES K AND MARTHA M LUSK TRUST DANIEL G LUSK TTEE P O BOX 1310 WILSONVILLE, OR 97070 OR 97070	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
37	9314 8699 0430 0079 3891 16	JEB CORY HONEYMAN 2890 FOREST DR CELINA, TX 75009-2823 TX 75009	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
38	9314 8699 0430 0079 3891 23	JEFFEREY T SCOTT P O BOX 1834 ROSWELL, NM 88202-1834 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
39	9314 8699 0430 0079 3891 30	JENNIFER ANN SCOTT 7815 BRYN MAWR DR DALLAS, TX 75225 TX 75225	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
40	9314 8699 0430 0079 3891 47	JIM WHITEHEAD OIL AND GAS LLC P O BOX 80735 PHOENIX, AZ 85060 AZ 85060	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
41	9314 8699 0430 0079 3891 54	JOHN E DONNELLAN DBA CARBON JACK LLC PO BOX 1433 CHICKASHA, OK 73023 OK 73023	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice



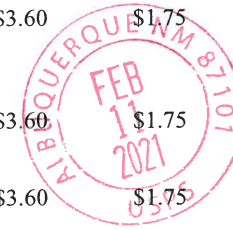
Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
02/11/2021

Firm Mailing Book ID: 203205

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
42	9314 8699 0430 0079 3891 61	JORDAN WALTERMAN 1985 POWERS FERRY RD SE APT B MARIETTA, GA 30067 GA 30067	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
43	9314 8699 0430 0079 3891 78	JTD RESOURCES LLC DAN M LEONARD PO BOX 3422 MIDLAND, TX 79702 TX 79702	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
44	9314 8699 0430 0079 3891 85	KIP PURCELL 1820 CALLE DEL VISTA NW ALBUQUERQUE, NM 87105 NM 87105	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
45	9314 8699 0430 0079 3891 92	LAM ENERGY MANAGEMENT LLC PO BOX 756 BEND, OR 97709 OR 97709	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
46	9314 8699 0430 0079 3892 08	LARRY ENGWALL 1961 LA CUESTA SANTA ANA, CA 92705 CA 92705	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
47	9314 8699 0430 0079 3892 15	LAURENCE A AND RHONDA Q SMITH TTE LAURENCE A & RHONDA Q SMITH 10265 E CLINTON ST SCOTTSDALE, AZ 85260 AZ 85260	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
48	9314 8699 0430 0079 3892 22	LESLIE ROBERT HONEYMAN TRUST LANELL JOY HONEYMAN TTE 406 SKYWOOD CIRCLE MIDLAND, TX 79705 TX 79705	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
49	9314 8699 0430 0079 3892 39	LEVI OIL AND GAS LLC PO BOX 568 ARTESIA, NM 88211 NM 88211	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
50	9314 8699 0430 0079 3892 46	LHAH PROPERTIES LLC PO BOX 1348 FORT WORTH, TX 76101 TX 76101	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
51	9314 8699 0430 0079 3892 53	LLANO NATURAL RESOURCES LLC PO BOX 65318 LUBBOCK, TX 79464-5318 TX 79464	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
52	9314 8699 0430 0079 3892 60	LML WORKING PROPERTIES LLC PO BOX 3194 BOULDER, CO 80307 CO 80307	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
53	9314 8699 0430 0079 3892 77	LONG LLC 215 SOUTH STATE STREET STE 100 SALT LAKE CITY, UT 84111 UT 84111	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
54	9314 8699 0430 0079 3892 84	LOUIS J HOFFMAN 7638 E CHOLLA DRIVE SCOTTSDALE, AZ 85260 AZ 85260	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
55	9314 8699 0430 0079 3892 91	LT CAPITAL LLC PO BOX 80735 PHOENIX, AZ 85060 AZ 85060	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice



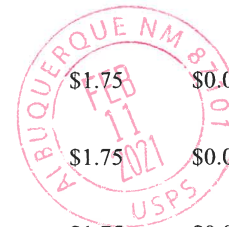
Karlene Schuman
 Modrall Sperling Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 02/11/2021

Firm Mailing Book ID: 203205

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
56	9314 8699 0430 0079 3893 07	M CODE LLC 5744 E JOSHUA TREE LANE PARADISE VALLEY, AZ 85253 AZ 85253	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
57	9314 8699 0430 0079 3893 21	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056 TX 77056	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
58	9314 8699 0430 0079 3893 38	MARK B MURPHY TTE MARK B MURPHY IRREVOCABLE TRUST UTA 12-11-12 PO BOX 2484 ROSWELL, NM 88202-2164 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
59	9314 8699 0430 0079 3893 45	MARK L SHIDLER AND MITZI SHIDLER 1313 CAMPBELL RD STE D HOUSTON, TX 77055-6429 TX 77055	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
60	9314 8699 0430 0079 3893 52	MARKS OIL INC 1775 SHERMAN ST STE 2015 DENVER, CO 80203-4319 CO 80203	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
61	9314 8699 0430 0079 3893 69	MARVIN C GROSS TRUST MARVIN C GROSS AND PO BOX 358 ROSWELL, NM 88202 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
62	9314 8699 0430 0079 3893 76	MEC PETROLEUM CORP P O BOX 11265 MIDLAND, TX 79702 TX 79702	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
63	9314 8699 0430 0079 3893 83	MITCHELL EXPLORATION INC 6212 HOMESTEAD BLVD MIDLAND, TX 79707 TX 79707	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
64	9314 8699 0430 0079 3893 90	MKT EXCEL INC 1157 SW 213TH AVE ALOHA, OR 97003 OR 97003	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
65	9314 8699 0430 0079 3894 06	MURCHISON HOLDINGS LLC DBA MURCHISON OIL AND GAS LLC 7250 DALLAS PARKWAY STE 1400 PLANO, TX 75054 TX 75054	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
66	9314 8699 0430 0079 3894 13	MURPHY PETROLEUM CORPORATION PO BOX 2545 ROSWELL, NM 88202-2545 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
67	9314 8699 0430 0079 3894 20	OCCIDENTAL PERMIAN LTD PO BOX 27570 HOUSTON, TX 77227 TX 77227	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
68	9314 8699 0430 0079 3894 37	OGI INC 841 HERSCH AVE PAGOSA SPRINGS, CO 81147-9625 CO 81147	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
69	9314 8699 0430 0079 3894 44	OXY USA INC P O BOX 27570 HOUSTON, TX 77227 TX 77227	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice



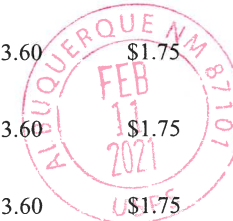
Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

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Type of Mailing: CERTIFIED MAIL
02/11/2021

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
70	9314 8699 0430 0079 3894 51	PAISANO PARTNERS 3419 WESTMINISTER 313 DALLAS, TX 75205 TX 75205	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
71	9314 8699 0430 0079 3894 68	PALEOZOIC PETROLEUM LLC 2008 COUNTRY CLUB DRIVE MIDLAND, TX 79701-5719 TX 79701	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
72	9314 8699 0430 0079 3894 75	PERMIAN BASIN INVESTMENT CORP 4010 CHAINHURST DRIVE RICHARDSON, TX 75082 TX 75082	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
73	9314 8699 0430 0079 3894 82	PIVOTAL PERMIAN BASIN II LLC 2021 MCKINNEY AVE SUITE 1250 DALLAS, TX 75201 TX 75201	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
74	9314 8699 0430 0079 3894 99	PJ GUY FAMILY TRUST 3904 MAGGIES MEADOW DENTON, TX 76210 TX 76210	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
75	9314 8699 0430 0079 3895 05	RCB INVESTMENTS 1509 LATIGO CIRCLE ROSWELL, NM 88201 NM 88201	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
76	9314 8699 0430 0079 3895 12	REALTIMEZONE II LLC 449 LIVE OAK LOOP NE ALBUQUERQUE, NM 87122 NM 87122	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
77	9314 8699 0430 0079 3895 29	REALTIMEZONE INC PO BOX 1834 ROSWELL, NM 88202 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
78	9314 8699 0430 0079 3895 36	RED BUTTE ENERGY LLC PO BOX 9187 PHOENIX, AZ 85068-9187 AZ 85068	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
79	9314 8699 0430 0079 3895 43	RICHARDSON MINERAL AND ROYALTY LLC PO BOX 2423 ROSWELL, NM 88202-2423 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
80	9314 8699 0430 0079 3895 50	RIO BRAZOS MINERAL COMPANY LLC PO BOX 2017 GRAHAM, TX 76450 TX 76450	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
81	9314 8699 0430 0079 3895 67	RJ FORTUNE INVESTMENTS LLC 9290 E THOMPSON PEAK PKWY UNIT 257 SCOTTSDALE, AZ 85255 AZ 85255	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
82	9314 8699 0430 0079 3895 74	ROBIN L MORGAN 135 W COTTONWOOD ROAD ARTESIA, NM 88210 NM 88210	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
83	9314 8699 0430 0079 3895 81	ROCKWELL ENERGY RESOURCES LLC PO BOX 54584 OKLAHOMA CITY, OK 73154 OK 73154	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
84	9314 8699 0430 0079 3895 98	ROEC INC PO BOX 490 GRAND JUNCTION, CO 81502 CO 81502	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice



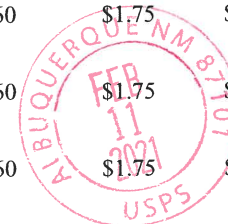
Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
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PS Form 3877

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85	9314 8699 0430 0079 3896 04	ROGER BELLAH 4403 THOMASON RD CARLSBAD, NM 88220 NM 88220	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
86	9314 8699 0430 0079 3896 11	RONADERO COMPANY INC P O BOX 746 BIG HORN, WY 82833 WY 82833	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
87	9314 8699 0430 0079 3896 28	SAM L SHACKELFORD 1096 MECHEM DRIVE SUITE G-16 RUIDOSO, NM 88345 NM 88345	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
88	9314 8699 0430 0079 3896 35	SCOTT EXPLORATION PO BOX 1834 ROSWELL, NM 88202-1834 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
89	9314 8699 0430 0079 3896 42	SCOTT INVESTMENT CORP PO BOX 1834 ROSWELL, NM 88202 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
90	9314 8699 0430 0079 3896 59	SLASH EXPLORATION LP PO BOX 1973 ROSWELL, NM 88202-1973 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
91	9314 8699 0430 0079 3896 66	SLASH FOUR ENTERPRISES INC PO BOX 1433 ROSWELL, NM 88202-1433 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
92	9314 8699 0430 0079 3896 73	STEVEN ENGWALL 2707 DUVAL DR DALLAS, TX 75211-2763 TX 75211	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
93	9314 8699 0430 0079 3896 80	STILLWATER INVESTMENTS PO BOX 8470 MIDLAND, TX 79708 TX 79708	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
94	9314 8699 0430 0079 3896 97	STOVALL ENERGY LTD PO BOX 10 GRAHAM, TX 76450 TX 76450	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
95	9314 8699 0430 0079 3897 03	STRATA PRODUCTION PO BOX 1030 ROSWELL, NM 88202-1030 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
96	9314 8699 0430 0079 3897 10	SUSAN S MURPHY TTE SUSAN S MURPHY MARITAL TRUST UTD 11-15-1 PO BOX 2484 ROSWELL, NM 88202-2164 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
97	9314 8699 0430 0079 3897 27	TAP ROCK RESOURCES LLC 523 PARK POINT DR STE 200 GOLDEN, CO 80401 CO 80401	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
98	9314 8699 0430 0079 3897 34	TBO OIL AND GAS LLC PO BOX 10502 MIDLAND, TX 79701 TX 79701	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
99	9314 8699 0430 0079 3897 41	THE GROSS FAMILY LTD PARTNERSHIP DIANE COSTON AIF PO BOX 358 ROSWELL, NM 88203 NM 88203	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice



Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
02/11/2021

Firm Mailing Book ID: 203205

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
100	9314 8699 0430 0079 3897 58	THOMAS FAMILY LIMITED PARTNERS PO BOX 80123 PHOENIX, AZ 85060 AZ 85060	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
101	9314 8699 0430 0079 3897 65	TRES PERROS INC P O BOX 6581 SCOTTSDALE, AZ 85261-6581 AZ 85261	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
102	9314 8699 0430 0079 3897 72	VALORIE F WALKER TRUSTEE OF JACK WALKER TRUST PO BOX 102256 ANCHORAGE, AK 99510-2256 AK 99510	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
103	9314 8699 0430 0079 3897 89	WARD N ADKINS JR 5519 TUPPER LAKE HOUSTON, TX 77056-1626 TX 77056	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
104	9314 8699 0430 0079 3897 96	WARWICK-ARTEMIS LLC 6608 N WESTERN AVE BOX 417 OKLAHOMA CITY, OK 73117 OK 73117	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
105	9314 8699 0430 0079 3898 02	WEST BEND ENERGY PARTNERS III LLC 1320 S UNIVERSITY DR STE 701 FORT WORTH, TX 76107 TX 76107	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
106	9314 8699 0430 0079 3898 26	WILLIAM N HEISS PROFIT SHARING PLAN WILLIAM SUSAN HEISS CO TTEES PO BOX 2944 CASPER, WY 82602 WY 82602	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
107	9314 8699 0430 0079 3898 33	WORRALL INVESTMENT CORPORATION PO BOX 1834 ROSWELL, NM 88202-1834 NM 88202	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
108	9314 8699 0430 0079 3898 40	WT BOYLE AND COMPANY P O BOX 1240 GRAHAM, TX 76450 TX 76450	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
109	9314 8699 0430 0079 3898 57	ZEUS PETROLEUM INC PO BOX 458 BELLAIRE, TX 77402-0458 TX 77402	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
110	9314 8699 0430 0079 3898 64	ZUNIS ENERGY LLC 15 E 5TH STREET SUITE 3300 TULSA, OK 74103-4340 OK 74103	\$1.20	\$3.60	\$1.75	\$0.00	81363.0124. Notice
Totals:			\$132.00	\$396.00	\$192.50	\$0.00	
				Grand Total:		\$720.50	

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Listed by Sender

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Dated:

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Affidavit of Publication

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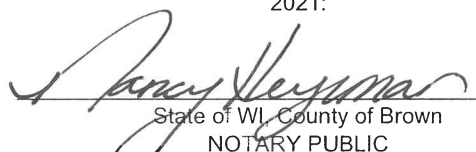
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

02/16/2021



Legal Clerk

Subscribed and sworn before me this February 16,
2021:



State of WI, County of Brown
NOTARY PUBLIC
5.15.23
My commission expires

Ad # 0004602448

PO #: Southern Comfort Commingle
of Affidavits 1

This is not an invoice

NANCY HEYRMAN
Notary Public
State of Wisconsin

Application of Marathon Oil Permian LLC for approval of surface commingling, Eddy County, New Mexico. Notice to all affected parties, as well as the heirs and devisees of: A. Wayne Davenport and wife Karen Davenport; Allar Co.; Balog Family Trust 08152002/Karen Krohn Trustee; Bane Bigbie; BB Management LLC; Beachbums Energy LLC; BF Energy LLC; BID Group LLC; Brent Jeremy Honeyman; Canaan Resources Drilling Company LLC; Candice and Dean Delleney; Carl and Gwenetta Morgan; Catalyst Energy LLC; CD Ray Exploration LLC; Centennial LLC; Commissioner of Public Lands of State of New Mexico; Concho Resources Inc. - COG Acreage LP; Concho Resources Inc. - COG Production LLC; Concho Resources Inc. - COG Operating LLC; CRP XII Holdings LLC DBA CRP XII LLC; Donald E. Wenner and Laurie Wenner; Energy Properties Limited LP; Erik I Knudson; Fortyniner Ridge LLC; Gross Family Limited Partnership - Diane Coston AIF; Guinn Family Properties LTD; H M Bettis Inc.; H6 Holdings LLC; Hammersmith Realty Inc.; Hanley Petroleum LLC; Hutchings Oil Company; Innoventions Inc.; Iris Camille Jackson-Menefee; J and J Energy LLC; Jack's Peak LLC; James Adelson and Family 2015 Trusts; James K. and Martha M. Lusk Trust; Daniel G. Lusk TTEE; Jeb Cory Honeyman; Jefferey T. Scott; Jennifer Ann Scott; Jim Whitehead Oil and Gas LLC; John E. Donnellan DBA Carbon Jack LLC; Jordan Waltermann; JTD Resources LLC - Dan M. Leonard; Kip Purcell; LAM Energy Management LLC; Larry Engwall; Lawrence A and Rhonda Q Smith TTE - Laurence A. and Rhonda Q. Smith; Leslie Robert Honeyman Trust - Lannell Joy Honeyman TTE; Levi Oil and Gas LLC; LHAH Properties LLC; LLANO Natural Resources LLC; LML Working Properties LLC; Long LLC; Louis J. Hoffman; LT Capital LLC; M Code LLC; Mark B. Murphy TTE Mark B. Murphy Irrevocable Trust UTA 12-11-12; Mark L. Shidler and Mitzi Shidler; Mark's Oil, Inc.; Marvin C. Gross Trust; MEC Petroleum Corp.; Mitchell Exploration Inc.; MKT Excel Inc.; Murchison Holdings LLC; Murphy Petroleum Corporation; Occidental Permian LTD; OGI Inc.; Oxy USA Inc.; Paisano Partners; Paleozoic Petroleum LLC; Permian Basin Investment Corp; Pivotal Permian Basin II LLC; PJ Guy Family Trust; RCB Investments; REALTIMEZONE II LLC; REALTIMEZONE Inc.; Red Butte Energy LLC; Richardson Mineral and Royalty LLC; Rio Brazos Mineral Company LLC; RJ Fortune Investments LLC; Robin L. Morgan; Rockwell Energy Resources LLC; ROEC Inc.; Roger Bellah; Ronadero Company Inc.; Sam L. Shackelford; Scott Exploration; Scott Investment Corp.; Slash Exploration LP; Slash Four Enterprises Inc.; Steven Engwall; Stillwater Investments; Stovall Energy LTD; Strata Production; Susan S. Murphy TTE Susan S. Murphy Marital Trust; Tap Rock Resources LLC; TBO Oil and Gas LLC; The Gross Family LTD Partnership - Diane Coston AIF; Thomas Family Limited Partners; Tres Perros Inc.; Valorie F. Walker - Trustee of the Jack Walker Trust; Ward N. Adkins Jr.; Warwick-Artemis LLC; West Bend Energy Partners III LLC; William N. Heiss Profit Sharing Plan - William and Susan Heiss Co-Trustees; Worrall Investment Corporation; WT Boyle and Company; Zeus Petroleum Inc.; Zunis Energy LLC of Marathon Oil Permian LLC's application for surface commingling. Marathon Oil Permian LLC, 5555 San Felipe, Houston, TX 77056, has filed an application with the New Mexico Oil Conservation Division seeking administrative approval to surface lease commingle production according to the provisions of NMAC 19.15.12.10.C from the Southern Comfort 36 SB State 4H well, located in the Willow Lake; Bone Spring, West (Oil) pool (96415), with the Southern Comfort 36 SB State 7H well, located in the Willow Lake; Bone Spring, West (Oil) pool (96415), and the Southern Comfort 36 WD State 8H well, located in the Purple Sage; Wolfcamp (Gas) pool (98220) all located in Section 25 & 36, T24S-R28E, Eddy County, New Mexico. Any objection or requests for a hearing regarding this application must be submitted to the Division's Santa Fe office, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505 in writing within 20 days of this publication. Any interested party with questions or comments may contact Clayton Rule, 713-296-2186, cwrule@marathonoil.com.

#4602448, Current Argus, February 16, 2021

Transaction Report Details - CertifiedPro.net Firm Mail Book ID= 203205 Generated: 5/25/2021 1:13:08 PM										
USPS Article Number	Date Created	Reference Number	Name 1	Name 2	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
9314869904300079389864	2021-02-11 12:31 PM	81363.0124.	ZUNIS ENERGY LLC		TULSA, OK 74103-4340	OK	74103	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 9:15 AM
9314869904300079389857	2021-02-11 12:31 PM	81363.0124.	ZEUS PETROLEUM INC		BELLAIRE, TX 77402-0458	TX	77402	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-23 11:05 AM
9314869904300079389840	2021-02-11 12:31 PM	81363.0124.	WT BOYLE AND COMPANY		GRAHAM, TX 76450	TX	76450	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:41 AM
9314869904300079389833	2021-02-11 12:31 PM	81363.0124.	WORRALL INVESTMENT CORPORATION		ROSWELL, NM 88202-1834	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 4:15 PM
9314869904300079389826	2021-02-11 12:31 PM	81363.0124.	WILLIAM N HEISS PROFIT SHARING PLAN	WILLIAM SUSAN HEISS CO TTEES	CASPER, WY 82602	WY	82602	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 4:56 AM
9314869904300079389802	2021-02-11 12:31 PM	81363.0124.	WEST BEND ENERGY PARTNERS III LLC		FORT WORTH, TX 76107	TX	76107	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 1:44 PM
9314869904300079389796	2021-02-11 12:31 PM	81363.0124.	WARWICK-ARTEMIS LLC		OKLAHOMA CITY, OK 73117	OK	73117	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 9:33 AM
9314869904300079389789	2021-02-11 12:31 PM	81363.0124.	WARD N ADKINS JR		HOUSTON, TX 77056-1626	TX	77056	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-20 2:31 PM
9314869904300079389772	2021-02-11 12:31 PM	81363.0124.	VALORIE F WALKER	TRUSTEE OF JACK WALKER TRUST	ANCHORAGE, AK 99510-2256	AK	99510	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 2:26 PM
9314869904300079389765	2021-02-11 12:31 PM	81363.0124.	TRES PERROS INC		SCOTTSDALE, AZ 85261-6581	AZ	85261	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 1:55 PM
9314869904300079389758	2021-02-11 12:31 PM	81363.0124.	THOMAS FAMILY LIMITED PARTNERS		PHOENIX, AZ 85060	AZ	85060	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-23 4:07 PM
9314869904300079389741	2021-02-11 12:31 PM	81363.0124.	THE GROSS FAMILY LTD PARTNERSHIP	DIANE COSTON AIF	ROSWELL, NM 88203	NM	88203	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 11:13 AM
9314869904300079389734	2021-02-11 12:31 PM	81363.0124.	TBO OIL AND GAS LLC		MIDLAND, TX 79701	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:52 AM
9314869904300079389727	2021-02-11 12:31 PM	81363.0124.	TAP ROCK RESOURCES LLC		GOLDEN, CO 80401	CO	80401	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300079389710	2021-02-11 12:31 PM	81363.0124.	SUSAN S MURPHY TTE SUSAN S MURPHY	MARITAL TRUST UTD 11-15-1	ROSWELL, NM 88202-2164	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 12:27 PM
9314869904300079389703	2021-02-11 12:31 PM	81363.0124.	STRATA PRODUCTION		ROSWELL, NM 88202-1030	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 12:28 PM
9314869904300079389697	2021-02-11 12:31 PM	81363.0124.	STOVALL ENERGY LTD		GRAHAM, TX 76450	TX	76450	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-23 10:23 AM
9314869904300079389680	2021-02-11 12:31 PM	81363.0124.	STILLWATER INVESTMENTS		MIDLAND, TX 79708	TX	79708	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389673	2021-02-11 12:31 PM	81363.0124.	STEVEN ENGWALL		DALLAS, TX 75211-2763	TX	75211	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300079389666	2021-02-11 12:31 PM	81363.0124.	SLASH FOUR ENTERPRISES INC		ROSWELL, NM 88202-1433	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 10:59 AM
9314869904300079389659	2021-02-11 12:31 PM	81363.0124.	SLASH EXPLORATION LP		ROSWELL, NM 88202-1973	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 12:48 PM
9314869904300079389642	2021-02-11 12:31 PM	81363.0124.	SCOTT INVESTMENT CORP		ROSWELL, NM 88202	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 4:15 PM
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9314869904300079389628	2021-02-11 12:31 PM	81363.0124.	SAM L SHACKELFORD		RUIDOSO, NM 88345	NM	88345	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300079389611	2021-02-11 12:31 PM	81363.0124.	RONADERO COMPANY INC		BIG HORN, WY 82833	WY	82833	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-20 9:32 AM
9314869904300079389604	2021-02-11 12:31 PM	81363.0124.	ROGER BELLAH		CARLSBAD, NM 88220	NM	88220	Delivered	Return Receipt - Electronic, Certified Mail	2021-03-22 12:00 AM
9314869904300079389598	2021-02-11 12:31 PM	81363.0124.	ROEC INC		GRAND JUNCTION, CO 81502	CO	81502	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 1:28 PM
9314869904300079389581	2021-02-11 12:31 PM	81363.0124.	ROCKWELL ENERGY RESOURCES LLC		OKLAHOMA CITY, OK 73154	OK	73154	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389574	2021-02-11 12:31 PM	81363.0124.	ROBIN L MORGAN		ARTESIA, NM 88210	NM	88210	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 12:00 AM
9314869904300079389567	2021-02-11 12:31 PM	81363.0124.	RJ FORTUNE INVESTMENTS LLC		SCOTTSDALE, AZ 85255	AZ	85255	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389550	2021-02-11 12:31 PM	81363.0124.	RIO BRAZOS MINERAL COMPANY LLC		GRAHAM, TX 76450	TX	76450	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:41 AM
9314869904300079389543	2021-02-11 12:31 PM	81363.0124.	RICHARDSON MINERAL AND ROYALTY LLC		ROSWELL, NM 88202-2423	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-18 12:40 PM
9314869904300079389536	2021-02-11 12:31 PM	81363.0124.	RED BUTTE ENERGY LLC		PHOENIX, AZ 85068-9187	AZ	85068	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-25 12:32 PM
9314869904300079389529	2021-02-11 12:31 PM	81363.0124.	REALTIMEZONE INC		ROSWELL, NM 88202	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 4:15 PM
9314869904300079389512	2021-02-11 12:31 PM	81363.0124.	REALTIMEZONE II LLC		ALBUQUERQUE, NM 87122	NM	87122	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-25 11:07 AM
9314869904300079389505	2021-02-11 12:31 PM	81363.0124.	RCB INVESTMENTS		ROSWELL, NM 88201	NM	88201	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 3:36 PM
9314869904300079389499	2021-02-11 12:31 PM	81363.0124.	PJ GUY FAMILY TRUST		DENTON, TX 76210	TX	76210	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-18 2:11 PM
9314869904300079389482	2021-02-11 12:31 PM	81363.0124.	PIVOTAL PERMIAN BASIN II LLC		DALLAS, TX 75201	TX	75201	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-25 1:28 PM
9314869904300079389475	2021-02-11 12:31 PM	81363.0124.	PERMIAN BASIN INVESTMENT CORP		RICHARDSON, TX 75082	TX	75082	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 2:31 PM
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9314869904300079389451	2021-02-11 12:31 PM	81363.0124.	PAISANO PARTNERS		DALLAS, TX 75205	TX	75205	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 1:14 PM
9314869904300079389444	2021-02-11 12:31 PM	81363.0124.	OXY USA INC		HOUSTON , TX 77227	TX	77227	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:56 AM
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9314869904300079389420	2021-02-11 12:31 PM	81363.0124.	OCCIDENTAL PERMIAN LTD		HOUSTON, TX 77227	TX	77227	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:56 AM
9314869904300079389413	2021-02-11 12:31 PM	81363.0124.	MURPHY PETROLEUM CORPORATION		ROSWELL, NM 88202-2545	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 12:27 PM
9314869904300079389406	2021-02-11 12:31 PM	81363.0124.	MURCHISON HOLDINGS LLC	DBA MURCHISON OIL AND GAS LLC	PLANO, TX 75054	TX	75054	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 12:05 PM
9314869904300079389390	2021-02-11 12:31 PM	81363.0124.	MKT EXCEL INC		ALOHA, OR 97003	OR	97003	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-18 12:40 PM
9314869904300079389383	2021-02-11 12:31 PM	81363.0124.	MITCHELL EXPLORATION INC		MIDLAND, TX 79707	TX	79707	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389376	2021-02-11 12:31 PM	81363.0124.	MEC PETROLEUM CORP		MIDLAND, TX 79702	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-18 9:29 AM
9314869904300079389369	2021-02-11 12:31 PM	81363.0124.	MARVIN C GROSS TRUST	MARVIN C GROSS AND	ROSWELL, NM 88202	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 11:13 AM
9314869904300079389352	2021-02-11 12:31 PM	81363.0124.	MARKS OIL INC		DENVER, CO 80203-4319	CO	80203	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389345	2021-02-11 12:31 PM	81363.0124.	MARK L SHIDLER	AND MITZI SHIDLER	HOUSTON, TX 77055-6429	TX	77055	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 4:28 PM
9314869904300079389338	2021-02-11 12:31 PM	81363.0124.	MARK B MURPHY TTE MARK B MURPHY	IRREVOCABLE TRUST UTA 12-11-12	ROSWELL, NM 88202-2164	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 12:27 PM
9314869904300079389321	2021-02-11 12:31 PM	81363.0124.	MARATHON OIL PERMIAN LLC		HOUSTON, TX 77056	TX	77056	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389307	2021-02-11 12:31 PM	81363.0124.	M CODE LLC		PARADISE VALLEY, AZ 85253	AZ	85253	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 12:00 AM
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9314869904300079389284	2021-02-11 12:31 PM	81363.0124.	LOUIS J HOFFMAN		SCOTTSDALE, AZ 85260	AZ	85260	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-18 12:26 PM
9314869904300079389277	2021-02-11 12:31 PM	81363.0124.	LONG LLC		SALT LAKE CITY, UT 84111	UT	84111	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 12:00 AM
9314869904300079389260	2021-02-11 12:31 PM	81363.0124.	LML WORKING PROPERTIES LLC		BOULDER, CO 80307	CO	80307	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389253	2021-02-11 12:31 PM	81363.0124.	LLANO NATURAL RESOURCES LLC		LUBBOCK, TX 79464-5318	TX	79464	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-24 3:59 PM
9314869904300079389246	2021-02-11 12:31 PM	81363.0124.	LHAH PROPERTIES LLC		FORT WORTH, TX 76101	TX	76101	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-23 11:27 AM
9314869904300079389239	2021-02-11 12:31 PM	81363.0124.	LEVI OIL AND GAS LLC		ARTESIA, NM 88211	NM	88211	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 10:41 AM
9314869904300079389222	2021-02-11 12:31 PM	81363.0124.	LESLIE ROBERT HONEYMAN TRUST	LANELL JOY HONEYMAN TTE	MIDLAND, TX 79705	TX	79705	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389215	2021-02-11 12:31 PM	81363.0124.	LAURENCE A AND RHONDA Q SMITH TTE	LAURENCE A & RHONDA Q SMITH	SCOTTSDALE, AZ 85260	AZ	85260	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 2:40 PM
9314869904300079389208	2021-02-11 12:31 PM	81363.0124.	LARRY ENGWALL		SANTA ANA, CA 92705	CA	92705	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 2:27 PM

9314869904300079389192	2021-02-11 12:31 PM	81363.0124.	LAM ENERGY MANAGEMENT LLC		BEND, OR 97709	OR	97709	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:15 AM
9314869904300079389185	2021-02-11 12:31 PM	81363.0124.	KIP PURCELL		ALBUQUERQUE, NM 87105	NM	87105	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-18 12:51 PM
9314869904300079389178	2021-02-11 12:31 PM	81363.0124.	JTD RESOURCES LLC	DAN M LEONARD	MIDLAND, TX 79702	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 2:02 PM
9314869904300079389161	2021-02-11 12:31 PM	81363.0124.	JORDAN WALTERMAN		MARIETTA, GA 30067	GA	30067	Delivered	Return Receipt - Electronic, Certified Mail	2021-03-01 12:00 AM
9314869904300079389154	2021-02-11 12:31 PM	81363.0124.	JOHN E DONNELLAN	DBA CARBON JACK LLC	CHICKASHA, OK 73023	OK	73023	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-20 11:26 AM
9314869904300079389147	2021-02-11 12:31 PM	81363.0124.	JIM WHITEHEAD OIL AND GAS LLC		PHOENIX, AZ 85060	AZ	85060	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-23 4:07 PM
9314869904300079389130	2021-02-11 12:31 PM	81363.0124.	JENNIFER ANN SCOTT		DALLAS, TX 75225	TX	75225	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 12:07 PM
9314869904300079389123	2021-02-11 12:31 PM	81363.0124.	JEFFEREY T SCOTT		ROSWELL, NM 88202-1834	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 4:15 PM
9314869904300079389116	2021-02-11 12:31 PM	81363.0124.	JEB CORY HONEYMAN		CELINA, TX 75009-2823	TX	75009	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 2:41 PM
9314869904300079389109	2021-02-11 12:31 PM	81363.0124.	JAMES K AND MARTHA M LUSK TRUST	DANIEL G LUSK TTEE	WILSONVILLE, OR 97070	OR	97070	Delivered	Return Receipt - Electronic, Certified Mail	2021-03-31 12:00 AM
9314869904300079389093	2021-02-11 12:31 PM	81363.0124.	JAMES ADELSON AND	FAMILY 2015 TRUSTS	TULSA, OK 74103	OK	74103	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 9:15 AM
9314869904300079389086	2021-02-11 12:31 PM	81363.0124.	JACKS PEAK LLC		KERRVILLE, TX 78029	TX	78029	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 12:10 PM
9314869904300079389079	2021-02-11 12:31 PM	81363.0124.	J AND J ENERGY LLC		SHOW LOW, AZ 85901	AZ	85901	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079389062	2021-02-11 12:31 PM	81363.0124.	IRIS CAMILLE JACKSON-MENEFEE		ARTESIA, NM 88210	NM	88210	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 9:50 AM
9314869904300079389055	2021-02-11 12:31 PM	81363.0124.	INNOVENTIONS INC		CEDAR CREST, NM 87008-0040	NM	87008	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 3:57 PM
9314869904300079389048	2021-02-11 12:31 PM	81363.0124.	HUTCHINGS OIL COMPANY		ALBUQUERQUE, NM 87103	NM	87103	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 1:56 PM
9314869904300079389031	2021-02-11 12:31 PM	81363.0124.	HANLEY PETROLEUM LLC		FORT WORTH, TX 76101	TX	76101	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-23 11:27 AM
9314869904300079389024	2021-02-11 12:31 PM	81363.0124.	H6 HOLDINGS LLC		MIDLAND, TX 79702	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-24 11:41 AM
9314869904300079389017	2021-02-11 12:31 PM	81363.0124.	H M BETTIS INC		GRAHAM, TX 76450	TX	76450	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:41 AM
9314869904300079389000	2021-02-11 12:31 PM	81363.0124.	GUINN FAMILY PROPERTIES LTD		GRAHAM, TX 76450	TX	76450	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 12:07 PM
9314869904300079388997	2021-02-11 12:31 PM	81363.0124.	GROSS FAMILY LIMITED PARTNERSHIP	DIANE COSTON AIF	ROSWELL, NM 88203	NM	88203	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 11:13 AM
9314869904300079388980	2021-02-11 12:31 PM	81363.0124.	FORTYNINER RIDGE LLC		ALBUQUERQUE, NM 87111	NM	87111	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079388973	2021-02-11 12:31 PM	81363.0124.	ERIK I KNUDSON		CHANDLER, AZ 85226	AZ	85226	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 3:07 PM
9314869904300079388966	2021-02-11 12:31 PM	81363.0124.	ENERGY PROPERTIES LIMITED LP		CASPER, WY 82605-1408	WY	82605	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 10:06 AM
9314869904300079388959	2021-02-11 12:31 PM	81363.0124.	DONALD E WENNER AND	LAURIE WENNER	ROSWELL, NM 88201	NM	88201	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 12:00 AM
9314869904300079388942	2021-02-11 12:31 PM	81363.0124.	CRP XII HOLDINGS LLC	DBA CRP XII LLC	OKLAHOMA CITY, OK 73103	OK	73103	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079388935	2021-02-11 12:31 PM	81363.0124.	CONCHO RESOURCES INC	COG OPERATING LLC	MIDLAND, TX 79701	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 8:22 AM
9314869904300079388928	2021-02-11 12:31 PM	81363.0124.	CONCHO RESOURCES INC	COG PRODUCTION LLC	MIDLAND, TX 79701	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 8:22 AM
9314869904300079388911	2021-02-11 12:31 PM	81363.0124.	CONCHO RESOURCES INC	COG ACREAGE LP	MIDLAND, TX 79701	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 8:22 AM
9314869904300079388904	2021-02-11 12:31 PM	81363.0124.	COMMISSIONER OF PUBLIC LANDS	STATE OF NEW MEXICO	SANTA FE, NM 87504-1148	NM	87504	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 12:00 AM
9314869904300079388898	2021-02-11 12:31 PM	81363.0124.	CENTENNIAL LLC		ROSWELL, NM 88202-1837	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 12:29 PM
9314869904300079388881	2021-02-11 12:31 PM	81363.0124.	CD RAY EXPLORATION LLC		MIDLAND, TX 79710	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 12:57 PM
9314869904300079388874	2021-02-11 12:31 PM	81363.0124.	CATALYST ENERGY LLC		PHOENIX, AZ 85018	AZ	85018	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-26 1:37 PM
9314869904300079388867	2021-02-11 12:31 PM	81363.0124.	CARL AND GWENETTA MORGAN		MAYHILL, NM 88339	NM	88339	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300079388850	2021-02-11 12:31 PM	81363.0124.	CANDICE AND DEAN DELLENEY		TYLER, TX 75707	TX	75707	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 3:22 PM
9314869904300079388843	2021-02-11 12:31 PM	81363.0124.	CANAAN RESOURCES DRILLING COMPANY LLC		OKLAHOMA CITY, OK 73156	OK	73156	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079388836	2021-02-11 12:31 PM	81363.0124.	BRENT JEREMY HONEYMAN		THE WOODLANDS, TX 77382	TX	77382	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300079388829	2021-02-11 12:31 PM	81363.0124.	BID GROUP LLC		SCOTTSDALE, AZ 85261	AZ	85261	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 1:55 PM
9314869904300079388812	2021-02-11 12:31 PM	81363.0124.	BF ENERGY LLC		PARADISE VALLEY, AZ 85253	AZ	85253	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-16 3:15 PM
9314869904300079388805	2021-02-11 12:31 PM	81363.0124.	BEACHBUMS ENERGY LLC		SCOTTSDALE, AZ 85261	AZ	85261	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 3:29 PM
9314869904300079388799	2021-02-11 12:31 PM	81363.0124.	BB MANAGEMENT LLC		PHOENIX, AZ 85060	AZ	85060	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-23 4:07 PM
9314869904300079388782	2021-02-11 12:31 PM	81363.0124.	BANE BIGBIE		ARDMORE, OK 73402	OK	73402	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-19 11:05 AM
9314869904300079388775	2021-02-11 12:31 PM	81363.0124.	BALOG FAMILY TRUST 08152002	KAREN KROHN TRUSTEE	ANCHORAGE, AK 99511-1890	TX	77024	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-17 3:55 PM
9314869904300079388768	2021-02-11 12:31 PM	81363.0124.	ALLAR CO		GRAHAM, TX 76450-7567	TX	76450	Delivered	Return Receipt - Electronic, Certified Mail	2021-02-22 10:06 AM
9314869904300079388751	2021-02-11 12:31 PM	81363.0124.	A WAYNE DAVENPORT	AND WIFE KAREN DAVENPORT	ALBUQUERQUE, NM 87122	NM	87122	Lost	Return Receipt - Electronic, Certified Mail	

communitization agreement

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Communitization Name:

SOUTHERN COMFORT 25-36 STATE X #2H

Current Operator:

Original Operator: MARATHON OIL PERMIAN LLC

[\[Operator Details \]](#)

PUN: 1369688

Communitization Status Code: Approved

Comm Beneficiary Institution:

OCD Order Number 0

Approval Date: 07-13-2018

Effective Date: 09-01-2017

Termination Date: 12-31-9999

Termination Reason: AMENDMENT

Remarks: ALSO IN E2 SECT 36; WOLFCAMP FORMATION

Location:

County

Section Township Range STR Location

25 24S 28E SE4 [\[Land Details \]](#)

Acreage:

Fee: 0

Indian: 0

State: 480

Federal: 0

Total: 480

Leases in this agreement:

LG-5998-0004 [\[Lease Information \]](#)

V0-4137-0001 [\[Lease Information \]](#)

V0-5446-0002 [\[Lease Information \]](#)

Wells in this agreement:

API Number	Well Number	Township	Range	Section	Unit	Lot	Pool Name	Property Name
3001544328	002H	24S	28E	36	P		PURPLE SAGE;WOLFCAMP (GAS)	SOUTHERN COMFORT 25 36 STATE X
3001544332	001H	24S	28E	36	O		PURPLE SAGE;WOLFCAMP (GAS)	SOUTHERN COMFORT 25 36 STATE X
3001544831	005H	24S	28E	36	O		PURPLE SAGE;WOLFCAMP (GAS)	SOUTHERN COMFORT STATE 24 28 25 WA
3001544834	010H	24S	28E	36	O		PURPLE SAGE;WOLFCAMP (GAS)	SOUTHERN COMFORT STATE 24 28 25 WD
3001545030	012H	24S	28E	36	P		PURPLE SAGE;WOLFCAMP (GAS)	SOUTHERN COMFORT STATE 24 28 25 WD
3001546202	008H	24S	28E	25	I		PURPLE SAGE;WOLFCAMP (GAS)	SOUTHERN COMFORT 36 WD STATE

From: [McClure, Dean, EMNRD](#)
To: [Covarrubias, Adrian \(MRO\)](#)
Cc: [McClure, Dean, EMNRD](#); [Wrinkle, Justin, EMNRD](#); [Powell, Brandon, EMNRD](#); lisa@rwbyram.com; [Dawson, Scott](#)
Subject: Approved Administrative Order PLC-740
Date: Tuesday, April 5, 2022 12:45:09 PM
Attachments: [PLC740 Order.pdf](#)

NMOCD has issued Administrative Order PLC-740 which authorizes Marathon Oil Permian, LLC (372098) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool Code
30-015-46200	Southern Comfort 36 SB State #4H	W/2 SE/4	25-24S-28E	96415
		W/2 E/2	36-24S-28E	
30-015-46201	Southern Comfort 36 SB State #7H	E/2 SE/4	25-24S-28E	96415
		E/2 E/2	36-24S-28E	
30-015-46202	Southern Comfort 36 WD State #8H	SE/4	25-24S-28E	98220
		E/2	36-24S-28E	

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: [Covarrubias, Adrian \(MRO\)](#)
To: [McClure, Dean, EMNRD](#)
Cc: [Castaneda, Jinni A. \(MRO\)](#); [Rice, Chase F. \(MRO\)](#)
Subject: RE: [EXTERNAL] RE: surface commingling application PLC-740
Date: Tuesday, January 11, 2022 9:02:30 AM

Good morning Dean,

I got response from our team and here are the answers:

Is it Marathon's intent for the following wells to also be allocated to PUN 1374697? **(YES)**

Diversely, is it Marathon's intent for those wells to be allocated to the following proposed CAs which match their current spacing? **(NO)**

Please let us know if there's anything else.

Thank you!

Adrian Covarrubias

Regulatory Professional | Permian Asset
 Marathon Oil Company
 990 Town & Country Blvd. Houston, TX 77024
 O: 713.296.3368 | M: 713.962.7591

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Thursday, December 16, 2021 7:05 AM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Cc: Castaneda, Jinni A. (MRO) <jacastaneda@marathonoil.com>; Rule, Clayton W. (MRO) <cwrule@marathonoil.com>
Subject: RE: [EXTERNAL] RE: surface commingling application PLC-740

Adrian,

It seems the referenced sundry had been processed incorrectly, but it has been corrected now. This spacing seems to match the following NMSLO CA:

CA Bone Spring NMSLO PUN 1374697	SE/4	25-24S-28E
	E/2	36-24S-28E

Is it Marathon's intent for the following wells to also be allocated to PUN 1374697?

Well API	Well Name	UL or Q/Q	S-T-R	Pool Code
30-015-46200	Southern Comfort 36 SB State #4H	W/2 SE/4 W/2 E/2	25-24S-28E 36-24S-28E	96415
30-015-46201	Southern Comfort 36 SB State #7H	E/2 SE/4 E/2 E/2	25-24S-28E 36-24S-28E	96415

Diversely, is it Marathon's intent for those wells to be allocated to the following proposed CAs which match their current spacing?

CA Bone Spring NMSLO PUN 1385102	E/2 SE/4 E/2 E/2	25-24S-28E 36-24S-28E
CA Bone Spring NMSLO PUN	W/2 SE/4	25-24S-28E

1385406

W/2 E/2 36-24S-28E

Dean McClure
 Petroleum Engineer, Oil Conservation Division
 New Mexico Energy, Minerals and Natural Resources Department
 (505) 469-8211

From: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Sent: Thursday, October 7, 2021 8:09 AM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Cc: Castaneda, Jinni A. (MRO) <jacastaneda@marathonoil.com>; Rule, Clayton W. (MRO) <cwrule@marathonoil.com>
Subject: [EXTERNAL] RE: surface commingling application PLC-740

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Dean,

We are waiting for the attached sundry to update the C-102 for the 6H to 480 acres, be approved (**Action ID 49676 in OCD Permitting**). Once the spacing is updated to 480 acres we can go back and ask to get approval for the CA that matches that unit. Is there a way we can push this Sundry to get reviewed? We would really like for this to get resolved soon too.

Thank you,

Adrian Covarrubias

Regulatory Professional | Permian Asset
 Marathon Oil Company
 990 Town & Country Blvd. Houston, TX 77024
 O: 713.296.3368 | M: 713.962.7591

Please note new office address

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Wednesday, October 6, 2021 4:09 PM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Subject: [External] RE: surface commingling application PLC-740

Beware of links/attachments.

Hello Adrian,

Please provide an update regarding the NMSLO CAs for these wells.

30-015-46200	Southern Comfort 36 SB State #4H	O-36-24S-28E	96415
30-015-46201	Southern Comfort 36 SB State #7H	O-36-24S-28E	96415

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: McClure, Dean, EMNRD
Sent: Wednesday, May 26, 2021 2:15 PM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Subject: RE: surface commingling application PLC-740

Hello Adrian,

Based upon my notes and a quick glance, I believe that the CA topic is the only thing which still needs to be addressed for this application. Once I have the requested information in hand, I'll review the application again in depth.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Sent: Wednesday, May 26, 2021 6:36 AM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Subject: [EXT] RE: surface commingling application PLC-740

Good morning Dean,

Attached is the notice list with the certified mail in excel format.
I have also attached the affidavit of public notice in the newspaper that should cover notices in case they were not received.

Let me know if you need anything else.

Thank you,

Adrian Covarrubias
Regulatory Professional | Permian Asset
Marathon Oil Company | 5555 San Felipe, Houston, TX 77056
O: 713.296.3368 | M: 713.962.7591

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Tuesday, May 25, 2021 2:59 PM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Subject: [External] RE: surface commingling application PLC-740

Beware of links/attachments.
Hello Adrian,

The only other thing I have mentioned in my notes is that I had requested that the notice list be sent to be in an excel format. If you don't have it in a format that can be copied into excel, then I can take the numbers down manually off the application. You may wish to check and confirm that all the notices were received so as to get a head start if some of the notices need to be resent.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Sent: Tuesday, May 25, 2021 9:41 AM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Subject: [EXT] RE: surface commingling application PLC-740

Hi Dean,

I wanted to take some time on what else is needed for this commingle application. There's been a lot of emails back and forth about the CA's, and I know we are in the process of getting all CAs settled for these wells, but just wanted to touch base and make sure we get you everything that's missing once that's done.

Thank you,

Adrian Covarrubias

Regulatory Professional | Permian Asset
Marathon Oil Company | 5555 San Felipe, Houston, TX 77056
O: 713.296.3368 | M: 713.962.7591

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Thursday, May 06, 2021 12:48 PM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Cc: Castaneda, Jinni A. (MRO) <jacastaneda@marathonoil.com>; Rule, Clayton W. (MRO) <cwrule@marathonoil.com>; Khalsa, Niranjana K. <nkhalsa@slo.state.nm.us>
Subject: [External] RE: surface commingling application PLC-740

Beware of links/attachments.

Hello Adrian,

I recommend that you reach out to Niranjana Khalsa at nkhalsa@slo.state.nm.us regarding the adding of wells to a CA. I'm not entirely sure what the precise method is to add the well for the SLO and whether the operator needs to submit something to them or if OCD assigning it the same property as other wells in the CA is all that is required; for my review I only confirm that the well's pool and spacing unit match the CA before assuming that production is being allocated via the CA.

My questions below are for the bone spring and are regarding the other 2 wells in this commingling application:

Well API	Well Name	Location (NMPM)	Pool Code
30-015-46200	Southern Comfort 36 SB State #4H	O-36-24S-28E	96415
30-015-46201	Southern Comfort 36 SB State #7H	O-36-24S-28E	96415

Dean McClure
 Petroleum Engineer, Oil Conservation Division
 New Mexico Energy, Minerals and Natural Resources Department
 (505) 469-8211

From: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Sent: Thursday, May 6, 2021 10:23 AM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Cc: Castaneda, Jinni A. (MRO) <jacastaneda@marathonoil.com>; Rule, Clayton W. (MRO) <cwrule@marathonoil.com>
Subject: [EXT] RE: surface commingling application PLC-740

Hi Dean,

The Southern Comfort 8H should have be an associated with the Southern Comfort 25-36 State X 2H CA. Is this something we can add to it? Or what would we need to do to request this?

Do you know who can we ask at the SLO?

Thank you,

Adrian Covarrubias

Regulatory Professional | Permian Asset
 Marathon Oil Company | 5555 San Felipe, Houston, TX 77056
 O: 713.296.3368 | M: 713.962.7591

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Thursday, April 15, 2021 4:42 PM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Subject: [External] RE: surface commingling application PLC-740

Beware of links/attachments.

Hello Adrian,

The attached CA which covers the following tracts seems to have been terminated per the SLO website, please confirm for me whether this is correct:

CA BS NMSLO TERMINATED	E/2 SE/4 E/2 E/2	Sec 25-T24S-R28E Sec 36-T24S-R28E
-------------------------------	-----------------------------	--

I need to see the CA packet for the following tracts of land:

CA BS NMSLO NEEDS TO BE SUBMIT	W/2 SE/4 W/2 E/2	Sec 25-T24S-R28E Sec 36-T24S-R28E
---	-----------------------------	--

Additionally, do you have the list of noticed persons within an excel format that you can send to me?

Dean McClure
 Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Sent: Monday, April 12, 2021 9:30 AM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Subject: [EXT] RE: surface commingling application PLC-740

Hi Dean,

I was finally able to get a cop of the CA for the Southern Comfort Commingle. I believe with this, we got everything now.

Let me know if you need anything else.

Regards,

Adrian Covarrubias

Regulatory Professional | Permian Asset
Marathon Oil Company | 5555 San Felipe, Houston, TX 77056
O: 713.296.3368 | M: 713.962.7591

From: Covarrubias, Adrian (MRO)
Sent: Tuesday, March 30, 2021 12:21 PM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Subject: RE: surface commingling application PLC-740

Hi Dean,

My apologies, for not including the notification items. I have attached a revised packet that includes the list of notifications via certified mail, and a public notice affidavit.

I also noticed that my lease diagram was wrong. It had the pad in the wrong location. I have gone ahead and revised.

The battery is located on the SW/4 SE/4 of Section 36, Township 24S, Range 28 East.

I'm still waiting to hear from our land person about any CAs there may be for these locations and will forward them to you when I get the info.

Thank you,

Adrian Covarrubias

Regulatory Professional | Permian Asset
Marathon Oil Company | 5555 San Felipe, Houston, TX 77056
O: 713.296.3368 | M: 713.962.7591

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Thursday, March 25, 2021 4:03 PM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>

Subject: [External] surface commingling application PLC-740

Beware of links/attachments.

Mr. Covarrubias,

I am reviewing surface commingling application PLC-740 which involves the Southern Comfort 36 State Pad operated by Marathon Oil Permian, LLC (372098).

Please provide the following:

- Confirm the battery is located in the NW/4 SW/4 of section 25, township 24 south, range 28 east
- The CA packets for the bone spring formation in the following spacing units:
 - W/2 SE/4 Sec 25-T24S-R28E and W/2 E/2 Sec 36-T24S-R28E
 - E/2 SE/4 Sec 25-T24S-R28E and E/2 E/2 Sec 36-T24S-R28E
- A list of the noticed persons and the associated tracking numbers in an excel file

Please note that it appears that the following CA was approved but then was terminated:

communitization agreement

Download
Printer Friendly
Instructions
Post a comment

Communitization Name:

SOUTHERN COMFORT STATE 24-28-25 TB #6H

Current Operator:			
Original Operator:	MARATHON OIL PERMIAN LLC	[Operator Details]	
PUN:	1374697		
Communitization Status Code:	Terminated		
Comm Beneficiary Institution:			
OCD Order Number	0		
Approval Date:	03-25-2019		
Effective Date:	11-02-2018		
Termination Date:	03-01-2020		
Termination Reason:	Lack of Production		
Remarks:	ALSO IN E2E2 SECT 36; BONE SPRING FORMATION		

Location:

County

Section Township Range STR Location

25 24S 28E E2SE4 [\[Land Details\]](#)

Acreage:

Fee: 0

Indian: 0

State: 240

Federal: 0

Total: 240

Leases in this agreement:

Wells in this agreement:

API Number	Well Number	Township	Range	Section	Unit	Lot	Pool Name	Property Name
3001544832	006H	24S	28E	36	P		WILLOW LAKE, BONE SPRING	SOUTHERN COMFORT STATE 24 28 25 TB

Dean McClure
 Petroleum Engineer, Oil Conservation Division
 New Mexico Energy, Minerals and Natural Resources Department
 (505) 469-8211

State of New Mexico
Energy, Minerals and Natural Resources Department

Notice

Order: PLC-740

Operator: Marathon Oil Permian, LLC (372098)

Publication Date: 2/16/2021

Date Sent: 2/11/2021

84.55%

Noticed Persons

Date	Person	Certified Tracking Number	Status
2/17/2021	ZUNIS ENERGY LLC	9314869904300079389864	Delivered
2/23/2021	ZEUS PETROLEUM INC	9314869904300079389857	Delivered
2/19/2021	WT BOYLE AND COMPANY	9314869904300079389840	Delivered
2/19/2021	WORRALL INVESTMENT CORPORATION	9314869904300079389833	Delivered
2/17/2021	WILLIAM N HEISS PROFIT SHARING PLAN	9314869904300079389826	Delivered
2/19/2021	WEST BEND ENERGY PARTNERS III LLC	9314869904300079389802	Delivered
2/16/2021	WARWICK-ARTEMIS LLC	9314869904300079389796	Delivered
2/20/2021	WARD N ADKINS JR	9314869904300079389789	Delivered
2/22/2021	VALORIE F WALKER	9314869904300079389772	Delivered
2/16/2021	TRES PERROS INC	9314869904300079389765	Delivered
2/23/2021	THOMAS FAMILY LIMITED PARTNERS	9314869904300079389758	Delivered
2/16/2021	THE GROSS FAMILY LTD PARTNERSHIP	9314869904300079389741	Delivered
2/19/2021	TBO OIL AND GAS LLC	9314869904300079389734	Delivered
2/17/2021	TAP ROCK RESOURCES LLC	9314869904300079389727	Delivered
2/17/2021	SUSAN S MURPHY TTE SUSAN S MURPHY	9314869904300079389710	Delivered
2/17/2021	STRATA PRODUCTION	9314869904300079389703	Delivered
2/23/2021	STOVALL ENERGY LTD	9314869904300079389697	Delivered
3/15/2021	STILLWATER INVESTMENTS	9314869904300079389680	In-Transit
2/23/2021	STEVEN ENGWALL	9314869904300079389673	Delivered
2/16/2021	SLASH FOUR ENTERPRISES INC	9314869904300079389666	Delivered
2/16/2021	SLASH EXPLORATION LP	9314869904300079389659	Delivered
2/19/2021	SCOTT INVESTMENT CORP	9314869904300079389642	Delivered
2/19/2021	SCOTT EXPLORATION	9314869904300079389635	Delivered
2/17/2021	SAM L SHACKELFORD	9314869904300079389628	Delivered
2/20/2021	RONADERO COMPANY INC	9314869904300079389611	Delivered
3/22/2021	ROGER BELLAH	9314869904300079389604	Returned
2/19/2021	ROEC INC	9314869904300079389598	Delivered
3/19/2021	ROCKWELL ENERGY RESOURCES LLC	9314869904300079389581	In-Transit
2/16/2021	ROBIN L MORGAN	9314869904300079389574	Delivered
2/18/2021	RJ FORTUNE INVESTMENTS LLC	9314869904300079389567	In-Transit
2/19/2021	RIO BRAZOS MINERAL COMPANY LLC	9314869904300079389550	Delivered
2/18/2021	RICHARDSON MINERAL AND ROYALTY LLC	9314869904300079389543	Delivered
2/25/2021	RED BUTTE ENERGY LLC	9314869904300079389536	Delivered
2/19/2021	REALTIMEZONE INC	9314869904300079389529	Delivered
2/25/2021	REALTIMEZONE II LLC	9314869904300079389512	Delivered
2/16/2021	RCB INVESTMENTS	9314869904300079389505	Delivered
2/18/2021	PJ GUY FAMILY TRUST	9314869904300079389499	Delivered

2/25/2021	PIVOTAL PERMIAN BASIN II LLC	9314869904300079389482	Delivered
2/19/2021	PERMIAN BASIN INVESTMENT CORP	9314869904300079389475	Delivered
2/17/2021	PALEOZOIC PETROLEUM LLC	9314869904300079389468	Delivered
2/22/2021	PAISANO PARTNERS	9314869904300079389451	Delivered
2/19/2021	OXY USA INC	9314869904300079389444	Delivered
2/19/2021	OGI INC	9314869904300079389437	Delivered
2/19/2021	OCCIDENTAL PERMIAN LTD	9314869904300079389420	Delivered
2/17/2021	MURPHY PETROLEUM CORPORATION	9314869904300079389413	Delivered
2/19/2021	MURCHISON HOLDINGS LLC	9314869904300079389406	Delivered
2/18/2021	MKT EXCEL INC	9314869904300079389390	Delivered
2/18/2021	MITCHELL EXPLORATION INC	9314869904300079389383	In-Transit
2/18/2021	MEC PETROLEUM CORP	9314869904300079389376	Delivered
2/16/2021	MARVIN C GROSS TRUST	9314869904300079389369	Delivered
3/7/2021	MARKS OIL INC	9314869904300079389352	In-Transit
2/19/2021	MARK L SHIDLER	9314869904300079389345	Delivered
2/17/2021	MARK B MURPHY TTE MARK B MURPHY	9314869904300079389338	Delivered
2/24/2021	MARATHON OIL PERMIAN LLC	9314869904300079389321	In-Transit
2/16/2021	M CODE LLC	9314869904300079389307	Delivered
2/20/2021	LT CAPITAL LLC	9314869904300079389291	In-Transit
2/18/2021	LOUIS J HOFFMAN	9314869904300079389284	Delivered
2/16/2021	LONG LLC	9314869904300079389277	Delivered
2/22/2021	LML WORKING PROPERTIES LLC	9314869904300079389260	In-Transit
2/24/2021	LLANO NATURAL RESOURCES LLC	9314869904300079389253	Delivered
2/23/2021	LHAH PROPERTIES LLC	9314869904300079389246	Delivered
2/17/2021	LEVI OIL AND GAS LLC	9314869904300079389239	Delivered
2/18/2021	LESLIE ROBERT HONEYMAN TRUST	9314869904300079389222	In-Transit
2/16/2021	LAURENCE A AND RHONDA Q SMITH TTE	9314869904300079389215	Delivered
2/16/2021	LARRY ENGWALL	9314869904300079389208	Delivered
2/19/2021	LAM ENERGY MANAGEMENT LLC	9314869904300079389192	Delivered
2/18/2021	KIP PURCELL	9314869904300079389185	Delivered
2/19/2021	JTD RESOURCES LLC	9314869904300079389178	Delivered
3/1/2021	JORDAN WALTERMAN	9314869904300079389161	Delivered
2/20/2021	JOHN E DONNELLAN	9314869904300079389154	Delivered
2/23/2021	JIM WHITEHEAD OIL AND GAS LLC	9314869904300079389147	Delivered
2/22/2021	JENNIFER ANN SCOTT	9314869904300079389130	Delivered
2/19/2021	JEFFEREY T SCOTT	9314869904300079389123	Delivered
2/19/2021	JEB CORY HONEYMAN	9314869904300079389116	Delivered
3/31/2021	JAMES K AND MARTHA M LUSK TRUST	9314869904300079389109	Returned
2/17/2021	JAMES ADELSON AND	9314869904300079389093	Delivered
2/19/2021	JACKS PEAK LLC	9314869904300079389086	Delivered
3/9/2021	J AND J ENERGY LLC	9314869904300079389079	In-Transit
2/16/2021	IRIS CAMILLE JACKSON-MENEFEE	9314869904300079389062	Delivered
2/16/2021	INNOVENTIONS INC	9314869904300079389055	Delivered
2/19/2021	HUTCHINGS OIL COMPANY	9314869904300079389048	Delivered
2/23/2021	HANLEY PETROLEUM LLC	9314869904300079389031	Delivered
2/24/2021	H6 HOLDINGS LLC	9314869904300079389024	Delivered
2/19/2021	H M BETTIS INC	9314869904300079389017	Delivered

2/19/2021	GUINN FAMILY PROPERTIES LTD	9314869904300079389000	Delivered
2/16/2021	GROSS FAMILY LIMITED PARTNERSHIP	9314869904300079388997	Delivered
2/20/2021	FORTYNINER RIDGE LLC	9314869904300079388980	In-Transit
2/17/2021	ERIK I KNUDSON	9314869904300079388973	Delivered
2/22/2021	ENERGY PROPERTIES LIMITED LP	9314869904300079388966	Delivered
2/16/2021	DONALD E WENNER AND	9314869904300079388959	Delivered
2/27/2021	CRP XII HOLDINGS LLC	9314869904300079388942	In-Transit
2/22/2021	CONCHO RESOURCES INC	9314869904300079388935	Delivered
2/22/2021	CONCHO RESOURCES INC	9314869904300079388928	Delivered
2/22/2021	CONCHO RESOURCES INC	9314869904300079388911	Delivered
2/16/2021	COMMISSIONER OF PUBLIC LANDS	9314869904300079388904	Delivered
2/16/2021	CENTENNIAL LLC	9314869904300079388898	Delivered
2/19/2021	CD RAY EXPLORATION LLC	9314869904300079388881	Delivered
2/26/2021	CATALYST ENERGY LLC	9314869904300079388874	Delivered
2/13/2021	CARL AND GWENETTA MORGAN	9314869904300079388867	Delivered
2/22/2021	CANDICE AND DEAN DELLENEY	9314869904300079388850	Delivered
3/30/2021	CANAAN RESOURCES DRILLING COMPANY LLC	9314869904300079388843	In-Transit
2/21/2021	BRENT JEREMY HONEYMAN	9314869904300079388836	In-Transit
2/16/2021	BID GROUP LLC	9314869904300079388829	Delivered
2/16/2021	BF ENERGY LLC	9314869904300079388812	Delivered
2/19/2021	BEACHBUMS ENERGY LLC	9314869904300079388805	Delivered
2/23/2021	BB MANAGEMENT LLC	9314869904300079388799	Delivered
2/19/2021	BANE BIGBIE	9314869904300079388782	Delivered
2/17/2021	BALOG FAMILY TRUST 08152002	9314869904300079388775	Delivered
2/22/2021	ALLAR CO	9314869904300079388768	Delivered
3/30/2021	A WAYNE DAVENPORT	9314869904300079388751	In-Transit

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

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY MARATHON OIL PERMIAN, LLC**

ORDER NO. PLC-740

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Marathon Oil Permian, LLC (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.

CONCLUSIONS OF LAW

7. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
8. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.

9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
10. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
11. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
12. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery described in Exhibit A.
2. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
3. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
4. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.
5. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.
6. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
7. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.

8. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
9. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ADRIENNE E. SANDOVAL
DIRECTOR**

DATE: 4/05/2022

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: **PLC-740**

Operator: **Marathon Oil Permian, LLC (372098)**

Central Tank Battery: **Southern Comfort 36 State Pad**

Central Tank Battery Location: **Unit O, Section 36, Township 24 South, Range 28 East**

Gas Title Transfer Meter Location: **Unit O, Section 36, Township 24 South, Range 28 East**

Pools

Pool Name	Pool Code
WILLOW LAKE; BONE SPRING, WEST	96415
PURPLE SAGE; WOLFCAMP (GAS)	98220

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
CA Wolfcamp NMSLO PUN 1369688	SE/4	25-24S-28E
	E/2	36-24S-28E
CA Bone Spring NMSLO PUN 1374697	SE/4	25-24S-28E
	E/2	36-24S-28E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-015-46200	Southern Comfort 36 SB State #4H	W/2 SE/4	25-24S-28E	96415
		W/2 E/2	36-24S-28E	
30-015-46201	Southern Comfort 36 SB State #7H	E/2 SE/4	25-24S-28E	96415
		E/2 E/2	36-24S-28E	
30-015-46202	Southern Comfort 36 WD State #8H	SE/4	25-24S-28E	98220
		E/2	36-24S-28E	

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

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

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 18495

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 18495
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	4/5/2022