

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
OCD ArtesiaFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM111528
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address P O BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	8. Well Name and No. Multiple--See Attached
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		9. API Well No. Multiple--See Attached
		10. Field and Pool or Exploratory Area BLACK RIVER-WOLFCAMP WILLOW LAKE-BONE SPRING, SE
		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Surface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleteness horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleteness in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Bond on file: 22015694 nationwide & 022041703 Statewide

Mewbourne Oil Company request approval for off lease gas measurement for the following wells:

Annabelle 13/18 W2BA Fed Com 1H Sec12, SESW, T24S, R26E, 3001542765 — 30-015-42765
 Maverick 13 DM Fed Com 1H Sec13, NWNW, T24S, R26E, 3001542089 — 30-015-42089

NM OIL CONSERVATION
ARTESIA DISTRICT

See attached detailed commingling information, diagram, and maps.

AUG 10 2018

GC 8-23-18
Accepted for record - NMOCD

RECEIVED

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #423795 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 06/15/2018 (18PP1967SE)	
Name (Printed/Typed) CHAD L COLE	Title ENGINEERING TECH
Signature (Electronic Submission)	Date 06/13/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>J. D. W. Little</i>	Title TLPE7	Date 8/10/18
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office CFO		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #423795 that would not fit on the form

7. If Unit or CA/Agreement, Name and No., continued

NMNM133122
NMNM136894

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM136894	NMNM111528	ANNABELLE 13 T24S R26E SEC 12 1H	30-016-42785-00-91	Sec 12 T24S R26E SESW 0145FSL 1980FWL 32.224858 N Lat, 104.248209 W Lon
NMNM133122	NMNM111528	MAVERICK 13 T24S R26E SEC 13 1H	30-016-42089-00-91	Sec 13 T24S R26E NWNW 185FNL 660FWL 32.223988 N Lat, 104.252466 W Lon

Proposal for Annabelle 13/18 Fed Com 1H & Maverick 13 DM Fed Com 1H:

Mewbourne Oil Company is requesting approval for the Off --Lease Gas Measurement:

Federal Lease NMNM-111528 & NMLC-065421 within CA-NMNM-136894

Well Name	Location	API #	Pool 98220	BOPD	Gravities
Annabelle 13/18 W2BA Fed Com 1H	Sec. 12-T24S-R26E	30-015-42765	Purple Sage, Wolfcamp	140	54.5
MCFPD	BTU				
246	1190.5				

Federal Lease NMNM-111528 & NMLC-065421 within CA-NMNM-133122

Well Name	Location	API #	Pool 96415
Maverick 13 DM Fed Com 1H	Sec. 13-T24S-R26E	30-015-42089	Willow Lake; Bone Spring, West
BOPD	Oil Gravities	MCFPD	BTU
.5	48.2	.5	1206

Attached maps show the federal leases and well locations in Section 13-T24S-R26E and Section 12- T24S-R26E. Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

Oil & Gas metering:

The Annabelle 13/18 W2BA fed com 1H and the Maverick 13 DM fed com 1H each have their own tank battery. Oil and water volumes will be determined by using separation equipment for each well. Oil and water tanks at each facility will be gaged daily to determine production volumes from each well. Gas production will be determined and allocated using MOC test meters (~~Annabelle #62121-000~~ & ~~Maverick #62105-000~~) that are downstream of the separation equipment of each battery. Gas will then be commingled and sold off lease to ~~DCP Midstream gas sales meter #742563-00~~ located east of the Annabelle 13/18 and Maverick 13 DM in Sec. 13-T24S-R26E in Eddy County NM. Both MOC test meters and DCP master meter will be calibrated on a regular basis per API, NMOCD, & BLM specifications.

Process and Flow Descriptions:

The flow of production is shown in detail on enclosed facility diagram and map which shows the lease boundaries, Communitization agreement boundaries, location of wells, facility, and gas sales meter. The commingling of this production is the most effective economical means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

Mewbourne Oil Company understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

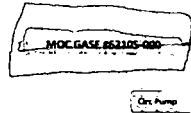
Signed: _____

Printed Name: Chad Cole

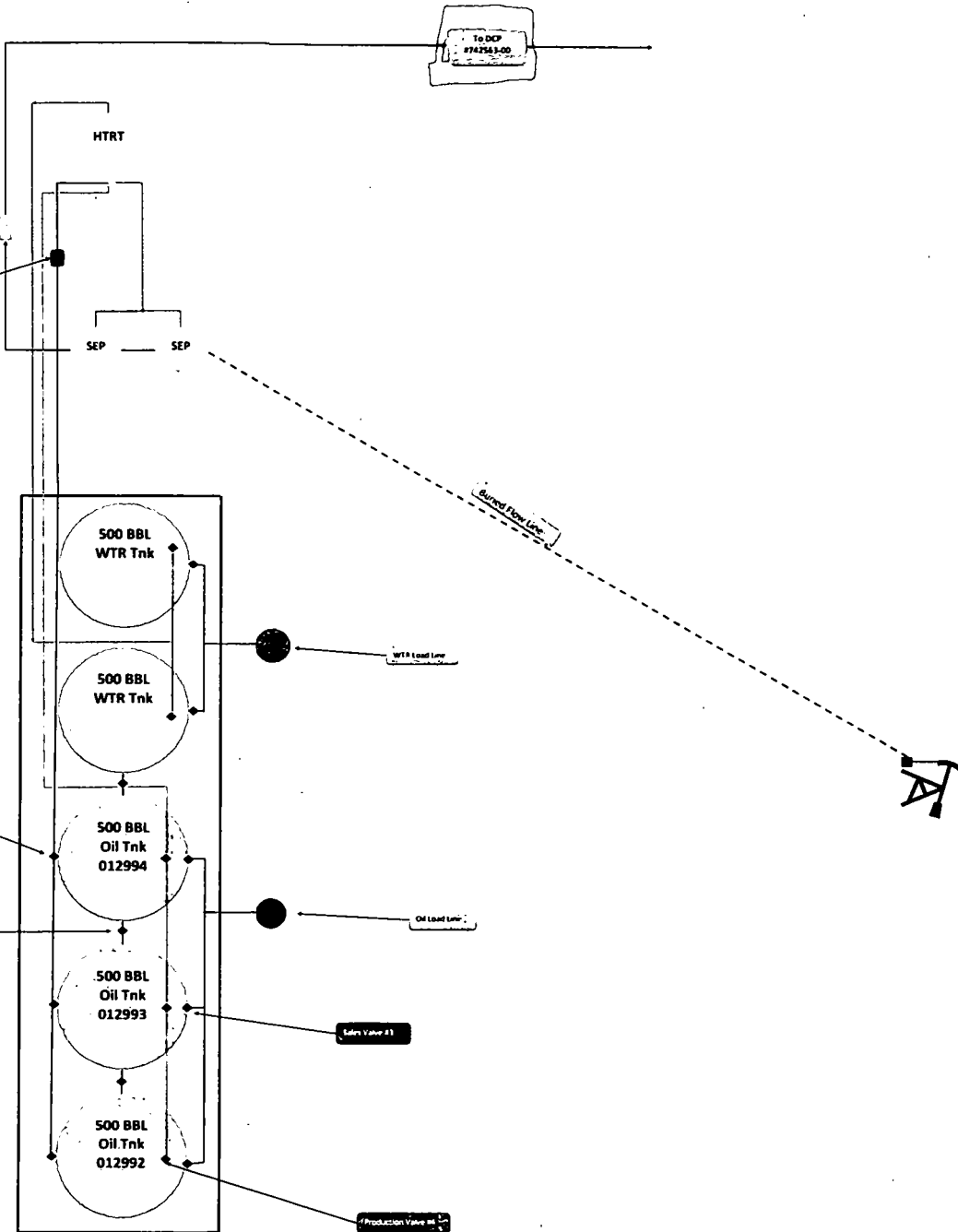
Title: Engineering Tech

Date: June 8, 2018

Operator		Merrimack Oil Co.
Office Location		Business Park Hobbs, N.M. 88241
Facility Name And Number		Shawnee 7441 Red Canyon
Facility Location		Sec 13 NWNW, T24S, R26E, Eddy Co., NM
Maverick: 13 DM Fed Com #11H		30-015-42089
Seal Requirements as Follows:		Seal Closed Open
Sales Phase:		1,2,3 3
Production Phase:		1,2,3 3



On Pump



Economic Justification Work Sheet
Annabelle 13/18 W2BA Fed Com 1H & Maverick 13 DM Fed Com 1H

Commingle proposal for leases: NMNM11528, NMLC065421, which includes CA NMNM133122 & CA NMNM136894

Federal Lease NMNM11528 & NMLC065421 which includes CA NMNM136894 Royalty Rate 12.5%

Well Name Annabelle 13/18 W2BA Fed Com 1H	BOPD 140	Oil Gravity @60 deg 54.5	Value/bbl \$65.74
	MCFPD 246	Dry BTU 1190.5	Value/mcf \$2.89

Federal Lease NMNM11528 & NMLC065421 which includes CA NMNM133122 Royalty Rate 12.5%

Well Name Maverick 13 DM Fed Com 1H	BOPD .5	Oil Gravity @60 deg 48.2	Value/bbl \$65.74
	MCFPD .5	Dry BTU 1206	Value/mcf \$2.89

Economic combined production

Federal Lease NMNM11528 & NMLC065421 which includes CA NMNM136894 Royalty Rate 12.5%

Federal Lease NMNM11528 & NMLC065421 which includes CA NMNM133122 Royalty Rate 12.5%

BOPD	Oil Gravity @60 deg	Value/bbl	MCFPD	Dry BTU	Value/mcf
140.5	51.3	\$65.74	246.5	1198	\$2.89

Signed: _____
Printed Name: Chad Cole
Title: Engineering Tech
Date: June 8, 2018

SWSW

SESW

SWSE

T24S-R26E

MOC Meter # 62121-000

Antenna 13.13 W/S Meter Con 13.13

MOC Meter # 62105-000

May 13.13 DM Fed Con 13.13

Section 13

DCP 742563-00

NWNW

NENW

N

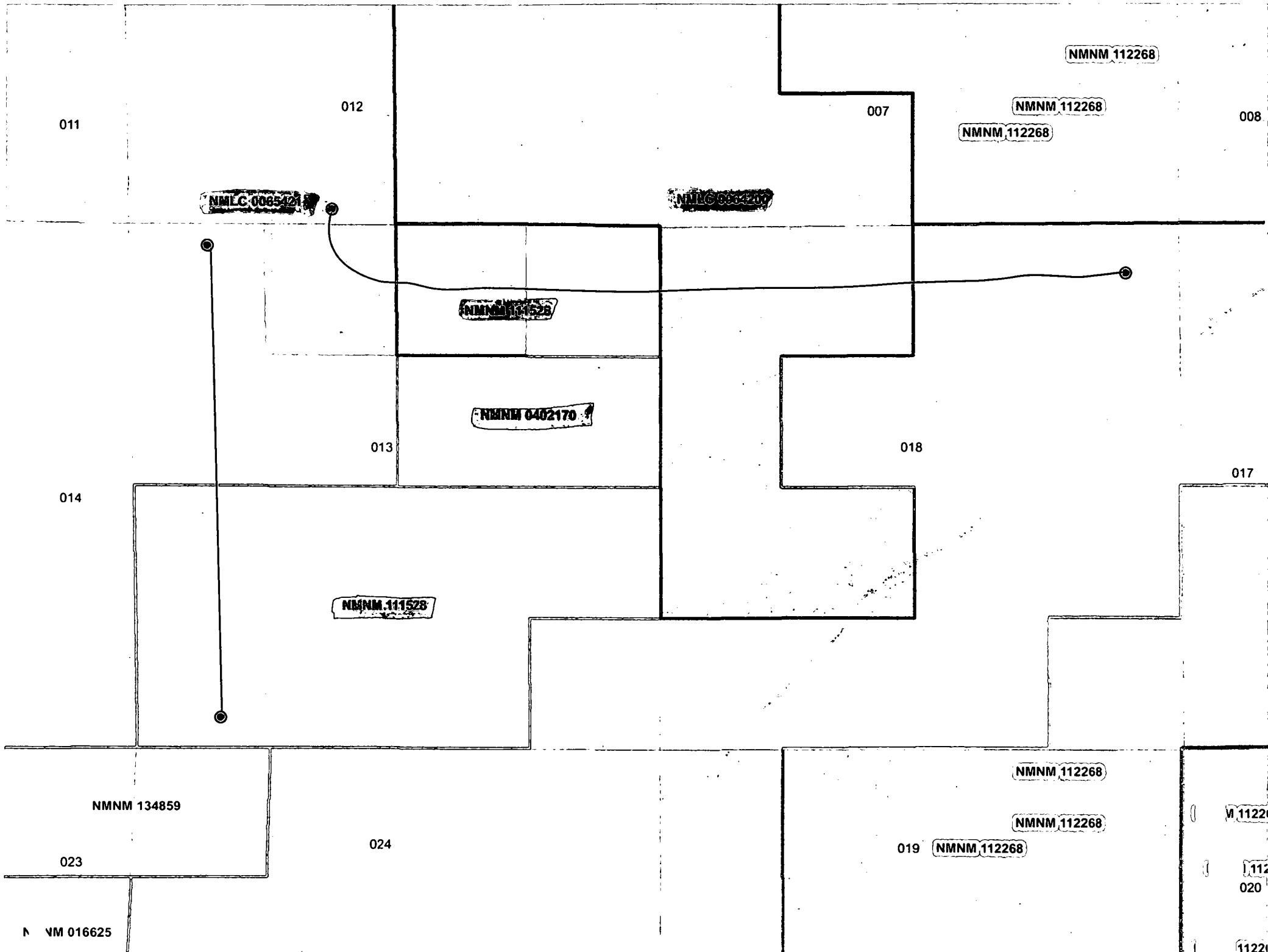
Google Earth

© 2018 Google

Legend

1000 ft







001

012

NMLC 0064200

NMNM 112268

NMNM 112268

NMNM 112268

007

NMLC 0065421

DCP 742563-00

NMNM 111528

NMNM 0402170

013

008

014

NMNM 111528

NMNM 134859

023

024

NMNM 112268

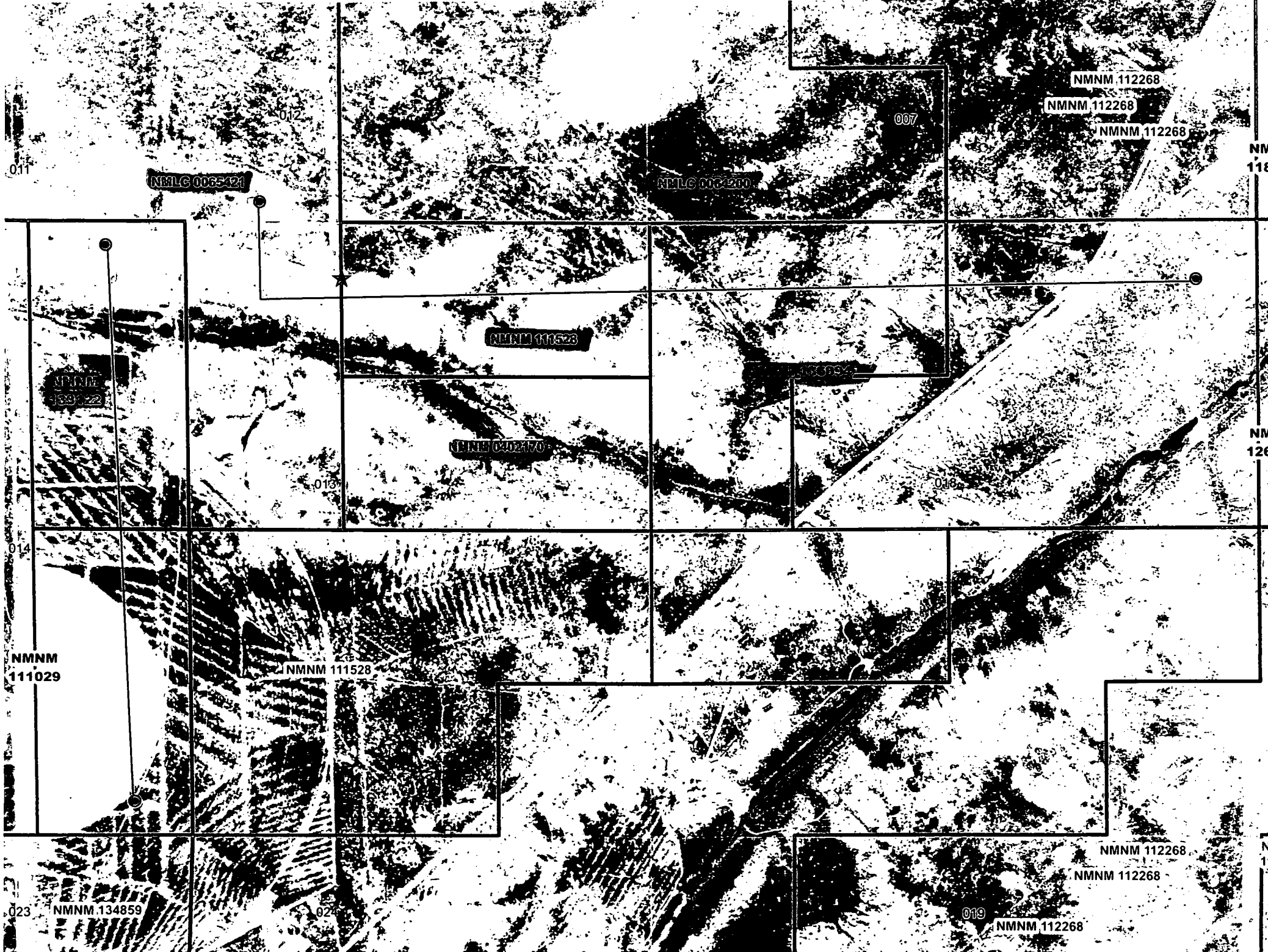
NMNM 112268

NMNM 112268

019

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012

NMLC 0064200

NMLC 0065421

DCP 742563-00

013

NMNM 133122

NMNM 136894

NMNM 111528

NMNM 0402170

June 12, 2018

Via Certified Mail

See Attached List of Notified Owners

Re: <u>Application for Surface Gas Commingling</u>	
Annabelle 13/18 W2PA Fed Com #1H	Maverick 13 DM Fed Com #1H
145' FSL & 1980' FWL (SL – Section 12)	185' FNL & 660' FWL (SL)
330' FSL & 1980' FWL (BHL – Section 13)	330' FSL & 660' FWL (BHL)
Section 12/13, T24S, R26E	Section 13, T24S, R26E
Eddy County, New Mexico	Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") has filed an application with the New Mexico Oil Conservation Division ("Division") seeking authorization to surface commingle gas production from the Willow Lake Bone Spring West Pool originating from the Maverick 13 DM Fed Com #1H well and the Annabelle 13/18 W2PA Fed Com #1H well located on Federal Leases, which comprise the SESE of Section 12, the NENE of Section 13 and the W2W2 of Section 13, T24S, R26E, Eddy County, New Mexico. The gas production from these wells will flow to a common DCP Midstream Master Meter, located in Section 13, T24S, R26E. Mewbourne will allocate gas production based on the well test method. If you object to the application, you must notify the Division in writing no later than 20 days from the date of this letter (the Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505). Failure to object will preclude you from contesting this matter later.

Should you have any questions regarding the above, please email Chad Cole at ccole@mewbourne.com or call at (432) 250-2789.

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Jimenez
Associate Landman



LABORATORY SERVICES
Natural Gas Analysis

www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

For:	Mewbourne Oil Company	Sample:	Sta. # 62121-000
	Attention: Cody Walker	Identification:	Annabelle 13/18 W2BA #1H
	P. O. Box 5270	Company:	Mewbourne Oil Company
	Hobbs, New Mexico 88241	Lease:	
		Plant:	

Sample Data:	Date Sampled	12/22/2016	8:00 AM	
	Analysis Date	12/22/2016		
	Pressure-PSIA	533	Sampled by:	Cody Walker
	Sample Temp F	97	Analysis by:	Vicki McDaniel
	Atmos Temp F	42		

H2S =

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S		
Nitrogen	N2	0.960	
Carbon Dioxide	CO2	0.115	
Methane	C1	82.937	
Ethane	C2	9.865	2.632
Propane	C3	3.791	1.042
I-Butane	IC4	0.622	0.203
N-Butane	NC4	1.054	0.331
I-Pentane	IC5	0.255	0.093
N-Pentane	NC5	0.225	0.081
Hexanes Plus	C6+	<u>0.176</u>	<u>0.076</u>
		100.000	4.458

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1190.5	Calculated	0.6818
At 14.65 WET	1169.7		
At 14.696 DRY	1194.2		
At 14.696 WET	1173.8	Molecular Weight	19.7471
At 14.73 DRY	1197.0		
At 14.73 Wet	1176.3		
		Z Factor (DRY)	0.9969
		Z Factor (WET)	0.9965

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/13/18 07:10 AM

Page 1 of 1

01 02-25-1920;041STAT0437;30USC181

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

160.000

NMNM-- - 133122

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 133122

Name & Address

Int Rel

%Interest

BLM CARLSBAD FO
MEWBOURNE OIL CO

620 E GREENE ST
PO BOX 7698

CARLSBAD NM 88220
TYLER TX 757117698

OFFICE OF RECORD
OPERATOR

0.000000000
100.000000000

Serial Number: NMNM-- - 133122

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23 0240S 0260E 013 ALIQ W2W2;

CARLSBAD FIELD OFFICE

EDDY

BUREAU OF LAND MGMT

Serial Number: NMNM-- - 133122

Act Date	Code	Action	Action Remarks	Pending Office
02/01/2014	387	CASE ESTABLISHED		
02/01/2014	516	FORMATION	BONE SPRING	
02/01/2014	526	ACRES-FED INT 100%	160; 100%	
02/01/2014	868	EFFECTIVE DATE	3001542089	
06/08/2014	654	AGRMT PRODUCING	/1/	
08/12/2014	643	PRODUCTION DETERMINATION	/1/	
08/12/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/	

Line Nr Remarks

Serial Number: NMNM-- - 133122

0001	RECAPITULATION EFFECTIVE 02/01/2014			
0002	TR#	LEASE #	AC COMMITTED	% INT
0003	1	NMLC065421	80	50
0004	2	NMNM111528	80	50
0005	TOTAL		160	100

100 90 Fed Acres

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/13/18 07:09 AM

Page 1 of 1

01 02-25-1920;041STAT0437;30USC181

Total Acres
473.070

Serial Number
NMNM-- - 136894

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 136894

Name & Address

Int Rel

%Interest

BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
MEWBOURNE OIL CO	500 W TEXAS ST #1020	MIDLAND TX 79701	OPERATOR	100.000000000

Serial Number: NMNM-- - 136894

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0260E	013	ALIQ	NE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0270E	018	ALIQ	E2NW,NE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0270E	018	LOTS	1,2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 136894

Act Date	Code	Action	Action Remarks	Pending Office
09/15/2016	387	CASE ESTABLISHED		
09/15/2016	516	FORMATION	WOLFCAMP	
09/15/2016	525	ACRES-NONFEDERAL	200;42%	
09/15/2016	526	ACRES-FED INT 100%	273.07;58%	
09/15/2016	868	EFFECTIVE DATE	/A/	
12/19/2016	654	AGRMT PRODUCING	/1/	
12/19/2016	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-42765	
04/02/2017	334	AGRMT APPROVED		
04/03/2017	643	PRODUCTION DETERMINATION	/1/	

Line Nr Remarks

Serial Number: NMNM-- - 136894

0001	/A/	RECAPITULATION EFFECTIVE 09/15/2016		
0002	TR#	LEASE SERIAL NO	AC COMMITTED	% INTEREST
0003	1	NMNM 111528	80.00	16.911
0004	2	NMNM 0402170	80.00	16.911
0005	3	NMLC 064200	113.07	23.901
0006	4	FEE	160.00	33.822
0007	5	FEE	40.00	8.455
0008		TOTAL	473.07	100.000

273.07 ACRES = 57.72% FED

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 6/11/2018 10:26 AM

Page 1 Of 3

01 12-22-1987;101STAT1330;30USC181 ET SEQ
Case Type 312021: O&G LSE COMP PD -1987
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
360.000

Serial Number

NMNM 111528

Name & Address					Serial Number: NMNM-- 111528	Int Rel	% Interest
MEWBOURNE OIL CO	PO BOX 7698	TYLER TX	757117698	LESSEE	100.000000000		
CHESAPEAKE EXPL LLC	PO BOX 18496	OKLAHOMA CITY OK	731540496	OPERATING RIGHTS	0.000000000		
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX	797062964	OPERATING RIGHTS	0.000000000		
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK	731025010	OPERATING RIGHTS	0.000000000		

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	Serial Number: NMNM-- 111528	County	Mgmt Agency
23	0240S	0260E	013	ALIQ				N2NE,SW,N2SE,SWSE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT	

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 111528

Act Date	Act Code	Action Txt	Action Remarks	Serial Number: NMNM-- 111528	Pending Off
01/20/2004	299	PROTEST FILED			
01/20/2004	387	CASE ESTABLISHED	200401058;		
01/21/2004	143	BONUS BID PAYMENT RECD	\$720.00;		
01/21/2004	191	SALE HELD			
01/21/2004	267	BID RECEIVED	\$279000.00;		
01/29/2004	143	BONUS BID PAYMENT RECD	\$278280.00;		
04/27/2004	298	PROTEST DISMISSED			
04/28/2004	237	LEASE ISSUED			
04/28/2004	974	AUTOMATED RECORD VERIF	LBO		
05/01/2004	496	FUND CODE	05;145003		
05/01/2004	530	RLTY RATE - 12 1/2%			
05/01/2004	868	EFFECTIVE DATE			
05/24/2004	120	APPEAL FILED			
05/24/2004	963	CASE MICROFILMED/SCANNED			
07/19/2004	138	STAY DENIED			
04/28/2008	140	ASGN FILED	CHALFANT/CHESAPEAK;1		
06/02/2008	932	TRF OPER RGTS FILED	CHESAPEAK/DEVON ENE;1		

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/13/18 07:03 AM

Page 1 of 6

01 02-25-1920;041STAT0437;30USC226

Total Acres
2,143.340

Serial Number
NMLC-- 0 064200

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMLC-- 0 064200

Name & Address			Int Rel	%Interest
APACHE CORP	2000 POST OAK BLVD STE 100	HOUSTON TX 770564400	OPERATING RIGHTS	0.000000000
BLACK HILLS GAS RESOURCES INC	1515 WYNKOOP ST STE 500	DENVER CO 802022062	OPERATING RIGHTS	0.000000000
BLACKWATER NATURAL GAS	69 DELAWARE AVE #200A	BUFFALO NY 14202	OPERATING RIGHTS	0.000000000
C & K 1975 EXPLORATION LTD	16825 NORTHCHASE DR	HOUSTON TX 77060	OPERATING RIGHTS	0.000000000
CHISHOLM ENERGY AGENT INC	801 CHERRY ST STE 1200 UNIT 20	FORT WORTH TX 761026825	OPERATING RIGHTS	0.000000000
CHISHOLM ENERGY OPERATING LLC	801 CHERRY ST STE 1200	FORT WORTH TX 761026825	OPERATING RIGHTS	0.000000000
EAGLE OIL & GAS CO	8111 PRESTON RD #900	DALLAS TX 752256331	OPERATING RIGHTS	0.000000000
EAU ROUGE LLC	PO BOX 823085	DALLAS TX 753823085	OPERATING RIGHTS	0.000000000
FASKEN ACQUISITION 95-1 LTD	6101 HOLIDAY HILL RD	MIDLAND TX 797071631	OPERATING RIGHTS	0.000000000
J M HUBER CORP	1900 W LOOP S #1600	HOUSTON TX 77027	OPERATING RIGHTS	0.000000000
JMA RESOURCES INC	5400 NW GRAND #305	OKLAHOMA CITY OK 73112	OPERATING RIGHTS	0.000000000
KERR-MCGEE OG ONSHORE LP	1999 BROADWAY #3700	DENVER CO 80202	OPERATING RIGHTS	0.000000000
MAGNUM HUNTER PRODUCTION INC	202 S CHEYENNE AVE STE 1000	TULSA OK 741033001	OPERATING RIGHTS	0.000000000
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON TX 770562701	OPERATING RIGHTS	0.000000000
O'NEILL PROPERTIES LTD	410 W OHIO	MIDLAND TX 79701	LESSEE	100.000000000

Serial Number: NMLC-- 0 064200

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0260E	001	ALIQ	S2N2,SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	001	LOTS	1-4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	010	ALIQ	N2,N2SW,SWSW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	011	ALIQ	N2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	012	ALIQ	E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	015	ALIQ	NW,N2SW,SESW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0270E	007	ALIQ	SESW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0270E	007	LOTS	3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0270E	018	ALIQ	NENW,NESW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0270E	018	LOTS	1-3;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMLC 0064200

Relinquished/Withdrawn Lands

23 0240S 0260E 701	FF	SE ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0260E 712	FF	NW ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0260E 715	FF	SWSW ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMLC-- 0 064200

Act Date	Code	Action	Action Remarks	Pending Office
11/15/1945	124	APLN RECD		
08/31/1948	387	CASE ESTABLISHED		
09/01/1948	237	LEASE ISSUED		
09/01/1948	496	FUND CODE	05;145003	
09/01/1948	530	RLTY RATE - 12 1/2%		
09/01/1948	868	EFFECTIVE DATE		
08/31/1953	235	EXTENDED	THRU 08/31/58;	
03/29/1954	140	ASGN FILED	SHAPPELL/WRIGHT	
03/29/1954	570	CASE SEGREGATED BY ASGN	INTO NMLC064200-A;	
04/01/1954	139	ASGN APPROVED	EFF 04/01/54;	
11/15/1956	102	NOTICE SENT-PROD STATUS		
07/30/1958	140	ASGN FILED	O'NEILL/LUNT	
08/01/1958	139	ASGN APPROVED	EFF 08/01/58;	

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**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

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01 02-25-1920;041STAT0437;30USC226

Total Acres
1,120.000

Serial Number
NMLC--0 065421

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMLC-- 0 065421

Name & Address			Int Rel	%Interest
BLACK HILLS GAS RESOURCES INC	1515 WYNKOOP ST STE 500	DENVER CO 802022062	OPERATING RIGHTS	0.000000000
BLACK STONE ENERGY CO LLC	1001 FANNIN ST STE 2020	HOUSTON TX 770026715	OPERATING RIGHTS	0.000000000
CRAVEY JOHN R	20 WINDING WAY	PECOS TX 79772	OPERATING RIGHTS	0.000000000
FASKEN ACQUISITION 95-1 LTD	6101 HOLIDAY HILL RD	MIDLAND TX 797071631	OPERATING RIGHTS	0.000000000
MAGNUM HUNTER PRODUCTION INC	202 S CHEYENNE AVE STE 1000	TULSA OK 741033001	OPERATING RIGHTS	0.000000000
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON TX 770562701	OPERATING RIGHTS	0.000000000
ONEILL PROP LTD	410 W OHIO	MIDLAND TX 79701	LESSEE	100.000000000

Serial Number: NMLC-- 0 065421

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0260E	011	ALIQ	S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	012	ALIQ	SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	013	ALIQ	NW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	014	ALIQ	N2,SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMLC 0065421

Relinquished/Withdrawn Lands

23	0240S	0260E	713	FF	SW ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
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Serial Number: NMLC-- 0 065421

Act Date	Code	Action	Action Remarks	Pending Office
01/31/1946	387	CASE ESTABLISHED		
02/01/1946	496	FUND CODE	05;145003	
02/01/1946	530	RLTY RATE - 12 1/2%		
02/01/1946	868	EFFECTIVE DATE		
02/21/1947	553	CASE CREATED BY ASGN	OUT OF NMLC064182;	
03/09/1947	650	HELD BY PROD - ACTUAL		
03/09/1947	658	MEMO OF 1ST PROD-ACTUAL		
02/01/1948	315	RENTAL RATE DET/ADJ	\$1.00;	
02/01/1952	570	CASE SEGREGATED BY ASGN	INTO NMLC065421-A;	
11/20/1956	102	NOTICE SENT-PROD STATUS		
11/18/1958	530	RLTY RATE - 12 1/2%	08-08-1946 LETTER	
09/13/1968	909	BOND ACCEPTED	EFF 09/12/68;NM0043	
08/06/1970	500	GEOGRAPHIC NAME	BLACK RIVER FLD;	
08/06/1970	510	KMA CLASSIFIED		
02/18/1975	512	KMA EXPANDED		
06/04/1985	963	CASE MICROFILMED/SCANNED	CNUM 101,343 AC	
10/20/1987	140	ASGN FILED	(1)WAINOCO/FAUBION	
10/20/1987	140	ASGN FILED	(2)WAINOCO/FAUBION	
01/22/1988	269	ASGN DENIED	(1)WAINOCO/FAUBION	
01/22/1988	269	ASGN DENIED	(2)WAINOCO/FAUBION	
01/22/1988	974	AUTOMATED RECORD VERIF	BTM/BTM	
05/06/1988	932	TRF OPER RGTS FILED		
05/26/1988	933	TRF OPER RGTS APPROVED	EFF 06/01/88;	
10/26/1988	932	TRF OPER RGTS FILED		
11/22/1988	933	TRF OPER RGTS APPROVED	EFF 11/01/88;	

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BUREAU OF LAND MANAGEMENT

CASE RECORDATION

(LIVE) SERIAL REGISTER PAGE

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01 02-25-1920;041STAT0437;30USC181ETSEQ
Case Type 311211: O&G LSE SIMO PUBLIC LAND
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED Case File Juris:

Total Acres
724.400

Serial Number
NMNM-- 0-402170

Serial Number: NMNM-- 0 402170

Name & Address			Int Rel	%Interest
BLACK HILLS GAS RESOURCES INC	1515 WYNKOOP ST STE 500	DENVER CO 802022062	OPERATING RIGHTS	0.000000000
BLACKWATER NATURAL GAS	69 DELAWARE AVE #200A	BUFFALO NY 14202	OPERATING RIGHTS	0.000000000
BURLINGTON RES OIL & GAS CO LP	PO BOX 51810	MIDLAND TX 797101810	LESSEE	100.000000000
C & K 1975 EXPLORATION LTD	16825 NORTHCHASE DR	HOUSTON TX 77060	OPERATING RIGHTS	0.000000000
EAGLE OIL & GAS CO	8111 PRESTON RD #900	DALLAS TX 752256331	OPERATING RIGHTS	0.000000000
JMA RESOURCES INC	5400 NW GRAND #305	OKLAHOMA CITY OK 73112	OPERATING RIGHTS	0.000000000
MAGNUM HUNTER PRODUCTION INC	202 S CHEYENNE AVE STE 1000	TULSA OK 741033001	OPERATING RIGHTS	0.000000000
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON TX 770562701	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- 0 402170

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0260E	013	ALIQ	S2NE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	014	ALIQ	SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	015	ALIQ	N2NE,SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	015	LOTS	1,2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0260E	022	ALIQ	NE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM 0402170

Relinquished/Withdrawn Lands

23	0240S	0260E	715	FF	E2 RESURV;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
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Serial Number: NMNM-- 0 402170

Act Date	Code	Action	Action Remarks	Pending Office
05/26/1963	387	CASE ESTABLISHED		
05/27/1963	888	DRAWING HELD		
06/12/1963	237	LEASE ISSUED		
07/01/1963	496	FUND CODE	05;145003	
07/01/1963	530	RLTY RATE - 12 1/2%		
07/01/1963	868	EFFECTIVE DATE		
08/14/1970	315	RENTAL RATE DET/ADJ	\$2.00;	
08/29/1973	235	EXTENDED	THRU 06/30/75;	
11/13/1973	235	EXTENDED	THRU 10/16/75;	
11/13/1973	913	CONFORMED TO SRVY/RESRVY	RESURVEY	
09/02/1975	246	LEASE COMMITTED TO CA	NMNM71937; SW 1034	
09/24/1975	651	HELD BY PROD - ALLOCATED	/1/	
09/24/1975	660	MEMO OF 1ST PROD-ALLOC	/1/NMNM71937;	
01/15/1976	102	NOTICE SENT-PROD STATUS		
07/22/1976	246	LEASE COMMITTED TO CA	SW 1115	
02/03/1982	940	NAME CHANGE RECOGNIZED	ALLIED CHEM/CORP	
03/18/1982	140	ASGN FILED	ALLIED/UNION TX PETRO	
08/27/1982	269	ASGN DENIED	ALLIED/UNION TX PETRO	
05/15/1985	140	ASGN FILED	ALLIED/UNION TX PETRO	
09/23/1985	139	ASGN APPROVED	EFF 06/01/85;	
10/01/1985	963	CASE MICROFILMED/SCANNED	CNUM 103,506 AC	
10/20/1987	140	ASGN FILED	(1)WAINOCO/FAUBION	
10/20/1987	140	ASGN FILED	(2)WAINOCO/FAUBION	
02/23/1988	269	ASGN DENIED	(1)WAINOCO/FAUBION	

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**Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

Annabelle and Maverick wells (see list below)

Mewbourne Oil Company

August 10, 2018

Condition of Approval

Pool Lease/CA Commingling of Bone Spring and Wolfcamp gas production, off lease/CA sales of gas production

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
6. Gas measurement for allocation must be measured as per Onshore Order #5 or 43 CFR 3175 and API requirements for sales meters, or as approved in this approval to commingle production.
7. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per 43 CFR 3179 to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer. These volumes are royalty bearing and shall be reported on OGOR "B" as disposition code "33" for royalty-bearing flared gas and disposition code 63 for royalty-bearing vented gas.
DC 33 = Flared gas – royalty due
DC 63 = Vented gas – royalty due
8. This agency shall be notified of any change in sales method or location of sales point.
9. Additional wells and/or leases/CAs require additional commingling approvals.
10. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.

Annabelle 13/18 W2BA Fed Com 1H

3001542765, Wolfcamp

CA - NMNM136894

Maverick 13 DM Fed Com 1H

3001542089, Bone Spring

CA – NMNM133122

CA – NMNM136894 Total acres 473.07 of which is 57.72% Federal, all Federal leases are 12.5% Royalty Rate

CA – NMNM133122 Total acres 160 of which all are Federal, all Federal leases are 12.5% Royalty Rate