

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD HobbsFORM 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 abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM57285

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Multiple--See Attached9. API Well No.  
Multiple--See Attached10. Field and Pool or Exploratory Area  
Multiple--See Attached11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2** NOV 28 2018

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
XTO ENERGY INCORPORATEDContact: PATRICIA DONALD  
E-Mail: PATRICIA\_DONALD@XTOENERGY.COM3a. Address  
6401 HOLIDAY HILL ROAD BLDG 5  
MIDLAND, TX 797073b. Phone No. (include area code)  
Ph: 432-571-82204. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Multiple--See Attached**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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<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 recomple 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 recompletion 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.

XTO ENERGY INC. RESPECTFULLY SUBMITS THIS SUNDRY NOTICE FOR APPROVAL TO COMMINGLE OIL AND GAS PRODUCTION AT A COMMON TANK BATTERY AND MEASURE PRODUCTION OFF LEASE.

THE WELLS ASSOCIATED WITH THIS BATTERY ARE:

PERLA NEGRA FED COM #1H (30-025-41131)  
PERLA NEGRA FED COM #2H (30-025-42709)  
PERLA NEGRA FED COM #3H (30-025-42710)  
PERLA NEGRA FED COM #4H (30-025-42577)  
PERLA NEGRA FED COM #5H (30-025-43810)  
PERLA NEGRA FED COM #6H (30-025-43811)  
PERLA NEGRA FED COM #7H (30-025-43812)  
PERLA NEGRA FED COM #8H (30-025-43813)  
ESPEJO FEDERAL COM #001H (30-025-43741)

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #401680 verified by the BLM Well Information System

For XTO ENERGY INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by PRISCILLA PEREZ on 01/31/2018 (18PP0548SE)

Name (Printed/Typed) PATRICIA DONALD

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/19/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

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

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 #401680 that would not fit on the form

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

NMNM131809  
NMNM135131  
NMNM135151  
NMNM135153

### Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM131809	NMNM26395	PERLA NEGRA FEDERAL COM 1H	30-025-41131-00-S1	Sec 24 T19S R34E SWSW 330FSL 400FWL
NMNM131809	NMNM0381550C	PERLA NEGRA FEDERAL COM 5H	30-025-43810-00-X1	Sec 24 T19S R34E SWSW 605FSL 450FWL 32.640228 N Lat, 103.520889 W Lon
NMNM57285	NMNM57285	ESPEJO FEDERAL COM 2H	30-025-43742-00-X1	Sec 23 T19S R34E SWSE 274FSL 1630FEL
NMNM135131	NMNM26395	PERLA NEGRA FED COM 2H	30-025-42709-00-S1	Sec 24 T19S R34E SESW 440FSL 2060FWL 32.639664 N Lat, 103.515165 W Lon
NMNM135131	NMNM0381550C	PERLA NEGRA FEDERAL COM 6H	30-025-43811-00-S1	Sec 24 T19S R34E SESW 440FSL 2010FWL 32.639786 N Lat, 103.515816 W Lon
NMNM135151	NMNM26395	PERLA NEGRA FED COM 3H	30-025-42710-00-S1	Sec 24 T19S R34E SWSE 200FSL 2000FEL 32.639019 N Lat, 103.511186 W Lon
NMNM135151	NMNM0381550C	PERLA NEGRA FEDERAL COM 7H	30-025-43812-00-S1	Sec 24 T19S R34E SWSE 200FSL 2050FEL 32.639133 N Lat, 103.511841 W Lon
NMNM135153	NMNM26395	PERLA NEGRA FED COM 4H	30-025-42577-00-S1	Sec 25 T19S R34E NENE 298FNL 485FEL 32.637653 N Lat, 103.506267 W Lon
NMNM135153	NMNM086	PERLA NEGRA FEDERAL COM 8H	30-025-43813-00-X1	Sec 25 T19S R34E NENE 292FNL 538FEL 32.637794 N Lat, 103.506927 W Lon
NMNM57285	NMNM57285	ESPEJO FEDERAL COM 1H	30-025-43741-00-X1	Sec 23 T19S R34E SWSE 274FSL 1580FEL
NMNM57285	NMNM57285	ESPEJO FEDERAL COM 3H	30-025-43777-00-X1	Sec 23 T19S R34E SWSE 274FSL 1640FEL 32.639309 N Lat, 103.527672 W Lon

### 10. Field and Pool, continued

UNKNOWN

### 32. Additional remarks, continued

ESPEJO FEDERAL COM #002H (30-025-43742)  
ESPEJO FEDERAL COM #003H (30-025-43777)

## APPLICATION FOR COMMINGLING PRODUCTION, ALTERNATIVE MEASUREMENT, OFF-LEASE MEASUREMENT AND OFF-LEASE SALES

BOPCO, LP is requesting permission to commingle gas production from the below listed leases and formations. Alternative measurement is requested; Electronic Flow Meters at each location will measure production prior to leaving lease. Production will be sold at a point off lease but inside the Big Eddy Unit boundaries.

Federal Agreement

Number:

**NMNM131809**

Well Name (NMOCD Property Code)	API	Loc ¼, ¼ Sec. Twp. Rng.	Pool (Pool Code)	Lease	Royalty Rate	BOPD	Oil Grav	MCFD	BTU
Perla Negra Fed Com 1H	30-025-41131	SWSW24,19S,34E	[37570] LEA, BONE SPRING	NMNM 0381550C(80 Acres) NMNM026395 (80 Acres)	12 1/2	120	42.3	105	1400(Dry)
Perla Negra Fed Com 5H	30-025-43810	SWSW,24,19S,34E	[37570] LEA, BONE SPRING	NMNM 0381550C(80 Acres) NMNM026395 (80 Acres)	12 1/2	600-700	42.3	600-700	1250

Federal Agreement

Number:

**NMNM135131**

Well Name (NMOCD Property Code)	API	Loc ¼, ¼ Sec. Twp. Rng.	Pool (Pool Code)	Lease	Royalty Rate	BOPD	Oil Grav	MCFD	BTU
Perla Negra Fed Com 2H	30-025-42709	SESW,24,19S,34E	[37570] LEA, BONE SPRING	NMNM 0381550C(80 Acres) NMNM026395 (80 Acres)	12 1/2	130	42.3	85	1400(Dry)
PERLA NEGRA FEDERAL COM #006H	30-025-43811	SESW,24,19S,34E	[37570] LEA, BONE SPRING	NMNM0381550C(80 Acres) NMNM026395 (80 Acres)	12 1/2	600-700	42.3	600-700	1250

Federal Agreement

Number:

**NMNM135151**

Well Name (NMOCD Property Code)	API	Loc ¼, ¼ Sec. Twp. Rng.	Pool (Pool Code)	Lease	Royalty Rate	BOPD	Oil Grav	MCFD	BTU
Perla Negra Fed Com 3H	30-025-42710	SWSE,,24,19S,34E	[37570] LEA, BONE SPRING	NMNM0381550C(80 Acres) NMNM026395 (80 Acres)	12 1/2	175	42.3	105	1400(Dry)
PERLA NEGRA FEDERAL COM #007H	30-025-43812	SWSE,24,19S,34E	[37570] LEA, BONE SPRING	NMNM0381550C(80 Acres) NMNM026395 (80 Acres)	12 1/2	600-700	42.3	600-700	1250

Federal Agreement  
Number:

Pending COM application

Well Name (NMOCD Property Code)	API	Loc ¼, ¼ Sec. Twp. Rng.	Pool (Pool Code)	Lease	Royalty Rate	BOPD	Oil Grav	MCFD	BTU
ESPEJO FEDERAL COM #001H	30-025-43741	SWSE,23,19S,34E	[37570] LEA, BONE SPRING	NMNM057285 (40 acres) NMNM0005519 (120acres)	12 1/2	600-700	42.3	600-700	1400 (Dry)
ESPEJO FEDERAL COM #002H	30-025-43742	SWSE,23,19S,34E	[37570] LEA, BONE SPRING	NMNM057285 (40 acres) NMNM0005519 (120acres)	12 1/2	600-700	42.3	600-700	1400 (Dry)
ESPEJO FEDERAL COM #003H	30-025-43777	SWSE,23,19S,34E	[37570] LEA, BONE SPRING	NMNM057285 (40 acres) NMNM0005519 (120acres)	12 1/2	600-700	42.3	600-700	1400 (Dry)

Signed:

*Patricia Donald*

Patricia Donald

Title:

Regulatory Analyst

Date:

1/17/18

## Oil & Gas metering:

The Perla Negra Battery has three (3), 1,000 bbl steel oil tanks on the location. Eleven (11) wells utilize this location as a common tank battery. Gas from all eleven wells also flows to this battery, through a gas “check meter” then to either a (metered) flare or a common gas ~~sales meter~~ (~~#T-312224871~~).

## Process and Flow Descriptions:

The flow of production is shown in detail on enclosed facility diagram. A map is included with this application outlining lease boundaries, location of wells, facility, and gas sales meter. The commingling of production in the interest of conservation will result in the most effective, economic means to maximize production of the reserves in place from the affected wells 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.

The shared tank battery is located on the East side of the well pad for the Perla Negra #1H located in the SWSW Sec. 24, T19S-R34E on Federal lease NMNM131809. The production from all wells will come to a common production header with isolation lines to route each well's production. Production for each well will be allocated back via monthly well tests done at minimum once a month for a minimum of 24 hrs. Test volume factors will be utilized to allocate production back to each well.

## Oil:

Oil production from all wells flow from their respective locations to a header located on the Northwest side of the location. This header is configured to allow each wells production to flow to two (2) individual 3-phase ‘test’ separators. An allocation factor is obtained for each well using the readings from meters located off the separator. Oil production is allocated daily back to each well using this factor.

After test separation, Oil flows to either a 3-phase heater treater or a 2-phase stabilizer. Oil is then passed through a VRT then into one of the 1,000bbl. steel oil tanks. Oil from the tanks is sold through a positive displacement ~~LACT meter (10137)~~.

Production from wells not in test flow to a 2-phase separator then a 3-phase separator. Oil then flows to either a 3-phase heater treater or a 2-phase stabilizer. Any gas that is knocked out from heater treater during this process is routed to either a booster for reprocessing or a blow down tank. Gas from the booster, stabilizer will be sent to gas scrubber then it will split to either a flare scrubber then to metered flare stack located on the far northwest side of the pad, or on to a ~~check meter (DBNE0013G)~~ and sales meter on the South side of the location. Gas vapors from oil and

water tanks is sent to VRU then follows the same process as gas that passed through the heater treater and stabilizer. Oil from the tanks is sold through a positive displacement LACT meter. Reject Oil will flow back into one of the 1,000bbls steel tank then ran through the circulating pump to either the 3-phase heater treater or a 2-phase stabilizer for re-processing.

#### Gas:

From the 3-phase separator, gas is discharged into a dedicated gas line for that well. Gas is then routed through the ~~Total Flow EFM gas allocation meter (DBNE0001G)~~ for that well to obtain an allocation factor for that well. After measurement, the gas can recombine into a common line then will go through a gas scrubber then it will split to either a flare scrubber then to metered flare stack located on the far northwest side of the pad, or on to a ~~sales meter~~ on the South side of the location ~~(118-1238)~~. Or, if necessary it can be routed to the blow down tank. Gas is allocated daily to each well using the volume recorded at the sales meter and the individual gas 'test' meter assigned to that well. ~~Sales meter (T-312224871)~~ will be the designated Facility Measurement Point (FMP) for gas at this facility. All meters conform to API and CFR 3175 standards and are calibrated annually at a minimum. Each wells gas production is allocated on a daily basis based on the readings from each well.

Production from wells not in test flow to a 2-phase separator then a 3-phase separator. Gas then flows to a gas scrubber then it will split to either a flare scrubber then to metered flare stack located on the far northwest side of the pad, sales meter on the South side of the location. Or, if necessary it can be routed to the blow down tank.

#### Water:

Water is also separated and measured by turbine at the testing 3 phase seperators located south of the header. Water from the well, as well as water released from the main 3-phase separator and heater treater are routed to 3 water tanks where they are then metered separately at the SWD pumps, or truck load out of location.

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

XTO Energy Inc. understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

The BLM and NMOCD will be notified of any future changes in the facilities.

XTO Energy Inc. respectfully submits this sundry notice for approval under Category 1 to commingle oil and gas production at a common tank battery.

The wells associated at this battery:

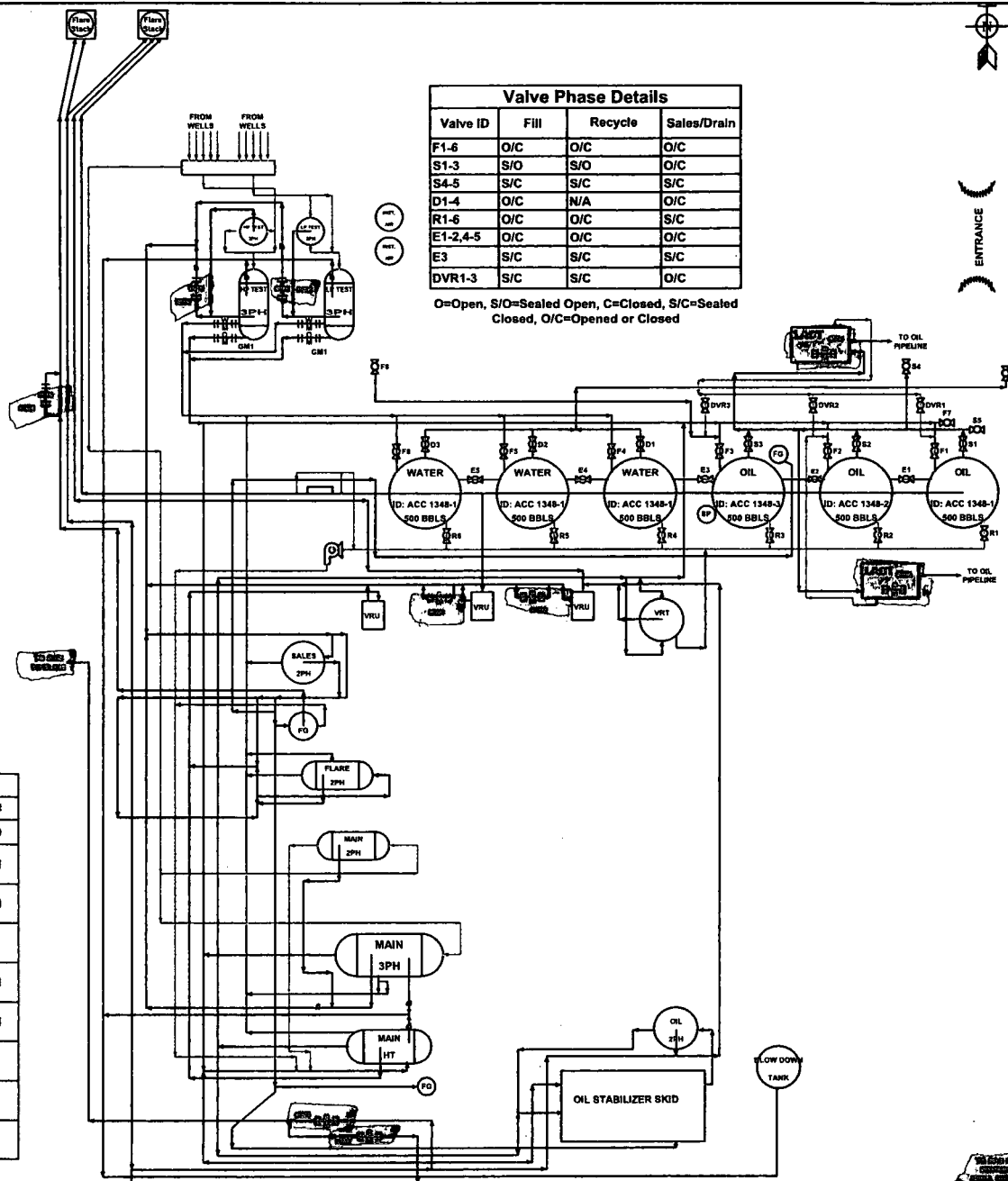
Perla Negra Fed Com 1H  
Perla Negra Fed Com 2H  
Perla Negra Fed Com 3H  
Perla Negra Fed Com 4H  
Perla Negra Fed Com 5H  
Perla Negra Fed Com 6H  
Perla Negra Fed Com 7H  
Perla Negra Fed Com 8H  
Espejo Federal Com #001H  
Espejo Federal Com #002H  
Espejo Federal Com #003H

DRAWING ID	METER DESCRIPTION	TYPE	METER ID #	PURPOSE
0001	HIGH PRESSURE 3 PHASE TESTER	ORIFICE	00000000000000000000	ALLOCATION
0002	LOW PRESSURE 3 PHASE TESTER	ORIFICE	00000000000000000000	ALLOCATION
0003	FLARE METER	ORIFICE	00000000000000000000	ALLOCATION
0004	VRU BG METER	ORIFICE	00000000000000000000	ALLOCATION
0005	VRU VRT METER	ORIFICE	00000000000000000000	ALLOCATION
0006	SALES GAS METER	ORIFICE	00000000000000000000	SALES
0007	BUY BACK METER	ORIFICE	00000000000000000000	BUY BACK
0008	LACT METER	CORIOUS	00000000000000000000	SALES
0009	LACT METER	CORIOUS	00000000000000000000	SALES

TIED IN WELLS		
NAME	API#	FED LEASE #
PERLA NEGRA FED. COM 001H	30-025-41131	NMNM131809
PERLA NEGRA FED. COM 002H	30-025-42709	NMNM135131
PERLA NEGRA FED. COM 003H	30-025-42710	NMNM135151
PERLA NEGRA FED. COM 004H	30-025-42577	
PERLA NEGRA FED. COM 006H	30-025-43811	NMNM135131
PERLA NEGRA FED. COM 007H	30-025-43812	NMNM135151
ESPEJO 26 FED COM 001H	30-025-43741	PENDING APPROVAL
ESPEJO 26 FED COM 002H	30-025-43742	PENDING APPROVAL
ESPEJO 26 FED COM 003H	30-025-43777	PENDING APPROVAL

<b>Valve ID</b>	<b>Fill</b>	<b>Recycle</b>	<b>Sales/Dra</b>
<b>F1-6</b>	<b>O/C</b>	<b>O/C</b>	<b>O/C</b>
<b>S1-3</b>	<b>S/O</b>	<b>S/O</b>	<b>O/C</b>
<b>S4-5</b>	<b>S/C</b>	<b>S/C</b>	<b>S/C</b>
<b>D1-4</b>	<b>O/C</b>	<b>N/A</b>	<b>O/C</b>
<b>R1-6</b>	<b>O/C</b>	<b>O/C</b>	<b>S/C</b>
<b>E1-2,4-5</b>	<b>O/C</b>	<b>O/C</b>	<b>O/C</b>
<b>E3</b>	<b>S/C</b>	<b>S/C</b>	<b>S/C</b>
<b>DVR1-3</b>	<b>S/C</b>	<b>S/C</b>	<b>O/C</b>

O=Open, S/O=Sealed Open, C=Closed, S/C=Sealed Closed, O/C=Opened or Closed



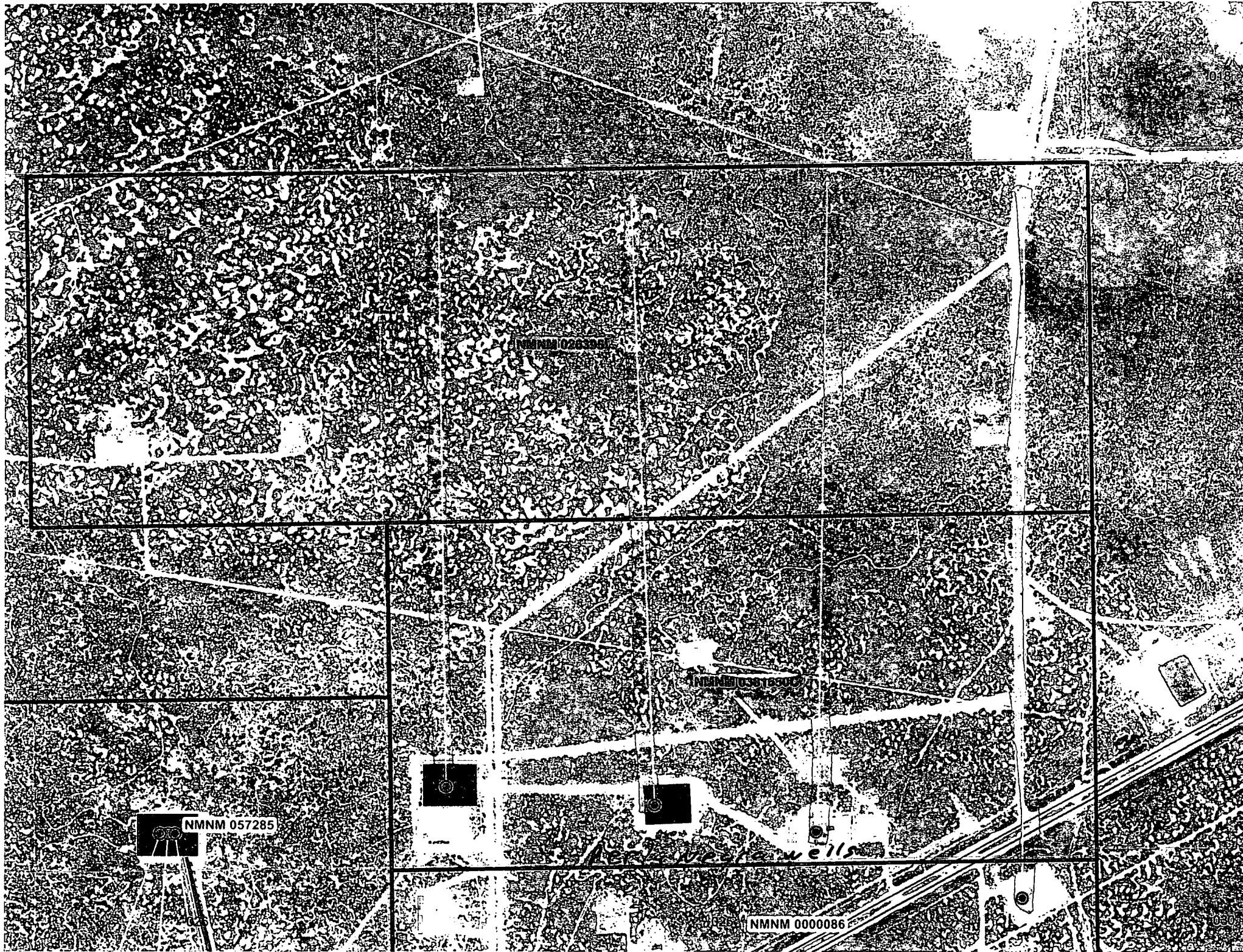
Facility Gas Usage	
Equipment	Usage
TEST HEATER TREATER	8.33 MCFD
PROD. HEATER TREATER	16.67 MCFD
PNEUMATIC CONTROLLER	144 SCFD

EMULSION \_\_\_\_\_  
WATER \_\_\_\_\_  
OIL \_\_\_\_\_  
GAS \_\_\_\_\_

Revision	Description of Change	Date	By	XTO PERMAN OPERATING, LLC	<b>PERLA NEGRA</b> CENTRAL TANK BATTERY LEA COUNTY, NEW MEXICO
0	ORIGINAL DRAWING	10/22/2016	CAH		
					SEC-24-T16S-R34E, API #30-025-41131, FED LEASE ID:TBD
					<b>SITE FACILITY DIAGRAM</b>
					<b>XTO-DB-PNGR-00CTB-SFD-000-0241</b>







NMNM 026395

NMNM 0361600

NMNM 057285

NMNM 000086



NMNM 020395

NMNM 031800

NMNM 035130

NMNM 040100

NMNM 040100

NMNM 038166C

NMNM 057285

NMNM 000086

NMNM 0381550C

NMNM 057285

ESKELOWE

026

NMNM 0000086

NMNM 0005519

NMNM 0004452

NMNM 0004452

NMNM 0005519A

NMNM 0000052

0085

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

Run Time: 11:21 AM

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Run Date: 10/27/2017

01 02-25-1920;041STAT0437;30USC181ETSEQ

Total Acres

480.000

Case Type 311211: O&G LSE SIMO PUBLIC LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED



Serial Number: NMNM-- - 026395

Name & Address			Int Rel	% Interest
CAMERON OIL & GAS INC	PO BOX 1455	ROSWELL NM 882021455	OPERATING RIGHTS	0.000000000
GUY JERRY W	420 W ST ANNE PL	HOBBS NM 88240	OPERATING RIGHTS	0.000000000
GUYS OG LTD CO	PO BOX 5115	HOBBS NM 88241	OPERATING RIGHTS	0.000000000
MOBIL PROD TX & NM	12450 GREENSPPOINT DR	HOUSTON TX 770601991	LESSEE	100.000000000
SCOLADO LLC	BOX 660	ARTESIA NM 882110660	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 026395

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 01905 0340E 023	ALIQ		NE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 01905 0340E 024	ALIQ		N2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 026395

Act Date	Code	Action	Action Remark	Pending Office
07/27/1975	387	CASE ESTABLISHED	SPAR56;	
07/28/1975	888	DRAWING HELD		
09/08/1975	237	LEASE ISSUED		
10/01/1975	496	FUND CODE	05;145003	
10/01/1975	530	RLTY RATE - 12/1/23		
10/01/1975	868	EFFECTIVE DATE		
07/26/1982	246	LEASE COMMITTED TO CA	SCR-317 EFF 10/25/81	
09/23/1982	650	HELD BY PROD - ACTUAL		
10/24/1983	522	CA TERMINATED	SCR-317	EB
01/18/1984	235	EXTENDED	THRU 10/24/85;	
04/28/1986	140	ASGN FILED	SUPERIOR/MOBIL	
05/01/1986	963	CASE MICROFILMED/SCANNED	CNUM 107,055	EPR
07/11/1986	139	ASGN APPROVED	EFF 05/01/86;	
04/05/1988	932	TRF OPER RGTS FILED	(1)	
04/05/1988	932	TRF OPER RGTS FILED	(2)	
05/05/1988	933	TRF OPER RGTS APPROVED	(1)EFF 05/01/88;	
05/05/1988	933	TRF OPER RGTS APPROVED	(2)EFF 05/01/88;	
07/01/1988	974	AUTOMATED RECORD VERIF	AMR/VG	
10/01/1992	621	RLTY RED-STRIPPER WELL	2.9%; /1/	
08/18/1993	625	RLTY REDUCTION APPV	/1/	
11/03/1993	974	AUTOMATED RECORD VERIF	ANN	
05/31/1994	932	TRF OPER RGTS FILED	ARMSTRONG/GUY	
06/07/1994	909	BOND ACCEPTED	EFF 05/31/94;NM2306	
06/07/1994	933	TRF OPER RGTS APPROVED	EFF 06/01/94;	
06/07/1994	974	AUTOMATED RECORD VERIF	SSP/KRP	
07/16/1997	932	TRF OPER RGTS FILED	GUY/GUY'S O&G	
08/13/1997	933	TRF OPER RGTS APPROVED	EFF 08/01/97;	
08/13/1997	974	AUTOMATED RECORD VERIF	MV/MV	
12/01/2000	621	RLTY RED-STRIPPER WELL	2.1%;/2/	
05/01/2001	625	RLTY REDUCTION APPV	/2/	
02/12/2003	626	RLTY REDUCTION DENIED		

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





United States Department of the Interior  
Bureau of Land Management  
Case Recordation  
(MASS) Serial Register Page



Run Date/Time: 10/27/2017 11:06 AM

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01 02-25-1920;041STAT0437;30USC226  
Case Type 311111: O&G LSE NONCOMP PUB LAND  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Total Acres:  
320.000

Serial Number:  
NMNM 0381550C

Name & Address					Intd Rel	% Interest
ARMSTRONG ENERGY CORP	PO BOX 1973	ROSWELL	ROSWEL	88202	OPERATING RIGHTS	0.000000000
ASTON FAMILY	PO BOX 1090	ROSWELL	ROSWEL	88202-1090	OPERATING RIGHTS	0.000000000
ASTON ROGERS	PO BOX 1090	ROSWELL	ROSWEL	88202-1090	OPERATING RIGHTS	0.000000000
AVERY HERBERT R	PO BOX 1933	ROSWELL	ROSWEL	88202	OPERATING RIGHTS	0.000000000
COLKELAN CORP	PO BOX 1933	ROSWELL	ROSWEL	88202	OPERATING RIGHTS	0.000000000
EAKO LLC	PO BOX 1090	ROSWELL	ROSWEL	88202-1090	OPERATING RIGHTS	0.000000000
EXPLORERS PETRO CORP	PO BOX 1933	ROSWELL	ROSWEL	88202-1933	OPERATING RIGHTS	0.000000000
JAMES H YATES INC	PO BOX 1933	ROSWELL	ROSWEL	88202-1933	OPERATING RIGHTS	0.000000000
MOBIL PROD TX & NM	12450 GREENSPOINT DR	HOUSTON	HOUSTO	77060-1991	LESSEE	100.000000000
MRC DELAWARE RESOURCES LLC	5400 LYNDON B JOHNSON FWY STE 1500	DALLAS	DALLAS	75240-1000	OPERATING RIGHTS	0.000000000
SCOLADO LLC	BOX 860	ARTESIA	ARTESIA	88211-0660	OPERATING RIGHTS	0.000000000
SCROGGIN DONNA	BOX N	ARTESIA	ARTESIA	88210	OPERATING RIGHTS	0.000000000
SCROGGIN THOMAS K	BOX N	ARTESIA	ARTESIA	88210	OPERATING RIGHTS	0.000000000
SPIRAL INC	BOX 1933	ROSWELL	ROSWEL	88202-1933	OPERATING RIGHTS	0.000000000
STEPHENS TOM P	PO BOX 698	ROSWELL	ROSWEL	88202-0698	OPERATING RIGHTS	0.000000000
TOM P STEPHENS TRUST	3707 CAMP BOWIE BLVD STE 220	FORT WORTH	FORT WORTH	76107-3330	OPERATING RIGHTS	0.000000000
VALKO LLC	PO BOX 1090	ROSWELL	ROSWEL	88202-1090	OPERATING RIGHTS	0.000000000

Mer Twp Rng	Sec	SType	SNr	Suff	Subdivision	District / Field Office	County	Mgmt Agency
23 0190S 0340E	024	ALIQ			S2:	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished / Withdrawn Lands

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Act Date	Code	Action	Action Remarks	Pending Office
5/1/1963	387	CASE ESTABLISHED		
5/1/1963	496	FUND CODE	05;145003	
5/1/1963	530	UNIT PRICE 12-11/28		
5/1/1963	868	EFFECTIVE DATE		
8/1/1971	553	CASE CREATED BY ASGN	OUT OF NMNM0381550-B;	
6/8/1972	940	NAME CHANGE RECOGNIZED	PRUDENTIAL/DEL MAR	
5/24/1973	650	HELD BY PROD - ACTUAL		
6/19/1973	235	EXTENDED	THRU 04/30/75;	
8/23/1973	315	RENTAL RATE DET/ADJ	\$2.00;	
8/24/1973	102	NOTICE SENT-PROD STATUS		
11/21/1974	909	BOND ACCEPTED	EFF 11/01/74;NM1826	
3/3/1977	817	MERGER RECOGNIZED	DEL MAR/SHEANDOAH	
2/14/1985	932	TRF OPER RGTS FILED	(1)	
2/14/1985	932	TRF OPER RGTS FILED	(2)	
4/28/1986	140	ASGN FILED	SUPERIOR OIL/MOBIL	
8/5/1986	139	ASGN APPROVED	EFF 05/01/86;	
8/5/1986	933	TRF OPER RGTS APPROVED	(1)EFF 03/01/85;	
8/5/1986	933	TRF OPER RGTS APPROVED	(2)EFF 03/01/85;	
8/11/1986	963	CASE MICROFILMED/SCANNED	CNUM 103,011 AD	
2/25/1988	974	AUTOMATED RECORD VERIF	EB/EB	

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

**BUREAU OF LAND MANAGEMENT  
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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**  
**1,280.000**

**Serial Number**  
**NMNM-- - 057285**

**Serial Number: NMNM-- - 057285**

Name & Address			Int Rel	%Interest
BALOG FAMILY TRUST	PO BOX 111890	ANCHORAGE AK 99504	LESSEE	12.500000000
BALOG PETE T	PO BOX 111890	ANCHORAGE AK 995111890	OPERATING RIGHTS	0.000000000
BELLAH CARROLL	218 S SEVENTH ST	LOVINGTON NM 882604308	OPERATING RIGHTS	0.000000000
BLACK HILLS GAS RESOURCES INC	1515 WYNKOOP ST STE 500	DENVER CO 802022062	OPERATING RIGHTS	0.000000000
CARGOIL & GAS CO LLC	PO BOX 29450	SANTA FE NM 875929450	LESSEE	6.250000000
CARGOIL & GAS CO LLC	PO BOX 29450	SANTA FE NM 875929450	OPERATING RIGHTS	0.000000000
CAVIN SEALY H JR	PO BOX 1125	ROSWELL NM 882021125	OPERATING RIGHTS	0.000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX 797062964	OPERATING RIGHTS	0.000000000
CIMAREX ENERGY CO OF COLORADO	1700 LINCOLN ST STE 1800	DENVER CO 802034518	OPERATING RIGHTS	0.000000000
CLM PRODUCTION CO	PO BOX 881	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
CORRAL INC	PO BOX 2107	ROSWELL NM 882022107	OPERATING RIGHTS	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS	0.000000000
DURAN ELOY S	PO BOX 1854	ROSWELL NM 882021854	OPERATING RIGHTS	0.000000000
EVANS HAROLD	907 15TH ST	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
EXPLORERS PETRO CORP	PO BOX 1933	ROSWELL NM 882021933	OPERATING RIGHTS	0.000000000
FASKEN OIL & RANCH LTD	6101 HOLIDAY RD	MIDLAND TX 797071631	OPERATING RIGHTS	0.000000000
FEATHERSTONE ANGELA	PO BOX 429	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
FEATHERSTONE FARMS	6501 AMERICAS PKY NE	ALBUQUERQUE NM 87110	OPERATING RIGHTS	0.000000000
FEATHERSTONE OLEN F	PO BOX 429	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
FEATHERSTONE TRES	PO BOX 429	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
FIRST CENTURY OIL	PO BOX 1518	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
FLETCHER LOY G	PO BOX 852	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
FUEL PRODUCTS INC	BOX 3098	MIDLAND TX 79702	OPERATING RIGHTS	0.000000000
GALAXY OIL CO	4309 JACKSBORO HWY	WICHITA FALLS TX 76307	OPERATING RIGHTS	0.000000000
GALVEST INC	PO BOX 4682	HOUSTON TX 77210	OPERATING RIGHTS	0.000000000
GARDENIA INVESTMENTS LTD	PO BOX 11044	MIDLAND TX 79702	OPERATING RIGHTS	0.000000000
GOLDKING ENE CORP	777 WALKER #2450	HOUSTON TX 77002	OPERATING RIGHTS	0.000000000
GREENBRIAR ENERGY LP IV	3000 RICHMOND # 550	HOUSTON TX 77098	OPERATING RIGHTS	0.000000000
GUY JAMES E	PO BOX 100	ARTESIA NM 882110100	OPERATING RIGHTS	0.000000000
HANSEN LYNDA S	509 CARTER DR	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
HARLE INC	PO BOX 2608	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
HESS BLAINE	PO BOX 326	ROSWELL NM 882020326	OPERATING RIGHTS	0.000000000
HICKS LIVING TRST	6212 OSUNA NE	ALBUQUERQUE NM 871092561	OPERATING RIGHTS	0.000000000
JACKSON J T	PO BOX 100	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
KENNEDY OIL CO	BOX 47	MAYHILL NM 88339	OPERATING RIGHTS	0.000000000
KOLOB LLC	2720 SPRING CIR RD	HOLLADAY UT 84117	OPERATING RIGHTS	0.000000000
LOG PARTNERS	215 W 100 S	SALT LAKE CITY UT 84101	OPERATING RIGHTS	0.000000000
LOS SIETE EXPL INC	200 W 1ST ST #648	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
LOYD B R	2117 CANDELERO	SANTA FE NM 87505	OPERATING RIGHTS	0.000000000
LOYD R S	2117 CANDELERO	SANTA FE NM 87505	OPERATING RIGHTS	0.000000000
LUSK JAMES K	PO BOX 2043	ALBUQUERQUE NM 871032043	OPERATING RIGHTS	0.000000000
M&W OF LOVINGTON INC	PO BOX 922	LOVINGTON NM 88260	OPERATING RIGHTS	0.000000000
MAGNUM HUNTER PRODUCTION INC	202 S CHEYENNE AVE STE 1000	TULSA OK 741033001	OPERATING RIGHTS	0.000000000
MANZANO OIL CORP	PO BOX 2107	ROSWELL NM 882022107	OPERATING RIGHTS	0.000000000
MCKAMEY KEITH E	116 W 1ST ST	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
MITCHELL STEPHEN	200 W 1ST ST #648	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
MOBIL E&P US DEVELOPMENT CORPORATION	810 HOUSTON ST	FT WORTH TX 761026203	OPERATING RIGHTS	0.000000000
MONARCH OIL & GAS	PO BOX 569	ROSWELL NM 882020569	OPERATING RIGHTS	0.000000000
MORGAN FRANK	PO BOX I	ARTESIA NM 882110269	OPERATING RIGHTS	0.000000000
MORGAN ROBIN	PO BOX I	ARTESIA NM 882110269	OPERATING RIGHTS	0.000000000
MOROIL CO INC	PO BOX 1122	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000

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**BUREAU OF LAND MANAGEMENT  
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MRC DELAWARE RESOURCES LLC	5400 LYNDON B JOHNSON FWY, STE 1500	DALLAS TX 752401000	OPERATING RIGHTS	0.000000000
NADEL & GUSSMAN CAPITAN LLC	15 E 5TH ST STE 3200	TULSA OK 741034340	OPERATING RIGHTS	0.000000000
PETERSON MARGARETE J	4817 NEW CASTLE WAY	ANCHORAGE AK 99503	OPERATING RIGHTS	0.000000000
PETERSON MARGARETE J	4817 NEW CASTLE WAY	ANCHORAGE AK 99503	LESSEE	12.500000000
PROVIDENCE MINERALS LLC	16400 DALLAS PKWY STE 400	DALLAS TX 752482643	OPERATING RIGHTS	0.000000000
READ & STEVENS INC	PO BOX 1518	ROSWELL NM 802021518	OPERATING RIGHTS	0.000000000
READ CHARLES B	PO BOX 1518	ROSWELL NM 882021518	OPERATING RIGHTS	0.000000000
REYNOLDS KENNETH D	PO BOX 2055	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
SCHELLINGER CARL A	BOX 447	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
SCOTT GEORGE L III	200 W 1ST ST #648	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
SHOGOIL & GAS CO II LLC	PO BOX 29450	SANTA FE NM 875929450	OPERATING RIGHTS	0.000000000
SHOGOIL & GAS CO II LLC	PO BOX 29450	SANTA FE NM 875929450	LESSEE	3.120000000
SHOGOIL & GAS CO LLC	PO BOX 209	HAY SPRINGS NE 69347	OPERATING RIGHTS	0.000000000
SHOGOIL & GAS CO LLC	PO BOX 209	HAY SPRINGS NE 69347	LESSEE	3.130000000
SPIRAL INC	PO BOX 1933	ROSWELL NM 882021933	OPERATING RIGHTS	0.000000000
STIVASON JAMES R	400 W 76TH AVE #309	ANCHORAGE AK 99518	OPERATING RIGHTS	0.000000000
STIVASON JAMES R	400 W 76TH AVE #309	ANCHORAGE AK 99518	LESSEE	50.000000000
STOCKTON JAMES M	BOX 1517	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
THE ALLAR CO	PO BOX 1567	GRAHAM TX 76450	OPERATING RIGHTS	0.000000000
THE JACK V WALKER REVOCABLE TRUST	PO BOX 102256	ANCHORAGE AK 995102256	LESSEE	12.500000000
THE JACK V WALKER REVOCABLE TRUST	PO BOX 102256	ANCHORAGE AK 995102256	OPERATING RIGHTS	0.000000000
VALLEY OIL & GAS CO	PO BOX 1000	ROSWELL NM 882021000	OPERATING RIGHTS	0.000000000
VANGUARD NATURAL RES LLC	5847 SAN FELIPE ST STE 3000	HOUSTON TX 770573399	OPERATING RIGHTS	0.000000000
WARREN ASSOCIATES	BOX 7250	ALBUQUERQUE NM 87194	OPERATING RIGHTS	0.000000000
WESTERN OIL PRODUCER	PO BOX 2055	ROSWELL NM 882022055	OPERATING RIGHTS	0.000000000
XTO HOLDINGS LLC	810 HOUSTON ST	FORT WORTH TX 761026203	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 057285

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0190S	0340E	022	ALIQ	E2SW,SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0190S	0340E	023	ALIQ	W2SW,SESW,S2SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0190S	0340E	026	ALIQ	N2N2,SENW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0190S	0340E	027	ALIQ	NE,NENW,SWSW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0190S	0340E	028	ALIQ	SESW,S2SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0190S	0340E	033	ALIQ	NE,E2NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0190S	0340E	034	ALIQ	SESW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Serial Number: ~~NMNM~~-- - 057285

Act Date	Code	Action	Action Remarks	Pending Office
07/05/1983	387	CASE ESTABLISHED		
07/06/1983	888	DRAWING HELD		
10/11/1983	237	LEASE ISSUED		
10/20/1983	600	RECORDS NOTED		
11/01/1983	496	FUND CODE	05;145003	
11/01/1983	530	<del>RLTY RATE 12-1/2%</del>		
11/01/1983	868	EFFECTIVE DATE		
11/17/1983	140	ASGN FILED	STIVASON/LAPPI ET AL	
11/23/1983	139	ASGN APPROVED	EFF 12/01/83;	
12/27/1983	932	TRF OPER RGTS FILED		
04/04/1984	933	TRF OPER RGTS APPROVED	EFF 01/01/84;	
06/22/1984	650	HELD BY PROD - ACTUAL		AC
07/30/1984	909	BOND ACCEPTED	EFF 07/27/84;NM0243	
08/06/1984	510	KMA CLASSIFIED		

NO WARRANTY IS MADE BY BLM  
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PURPOSES NOT INTENDED BY BLM





United States Department of the Interior  
Bureau of Land Management  
Case Recordation  
(MASS) Serial Register Page



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01 02-25-1920;041STAT0437;30USC226  
Case Type 311111: O&G LSE NONCOMP PUB LAND  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Total Acres:  
280.000

Serial Number  
NMNM 0005519

Name & Address					Intl Rel	% Interest
BURLINGTON RES OIL & GAS CO LP	PO BOX 51810	MIDLAND	MIDLAND	79710-1810	LESSEE	0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON	HOUSTO	77210-4362	OPERATING RIGHTS	0.000000000
EXXONMOBIL CORP	810 HOUSTON ST	FT WORTH	FT	76102-6203	OPERATING RIGHTS	0.000000000
EXXONMOBIL OIL CORP	810 HOUSTON ST	FORT WORTH	FORT	76102-6203	OPERATING RIGHTS	0.000000000
LINN ENERGY HOLDINGS LLC	600 TRAVIS ST STE 5100	HOUSTON	HOUSTO	77002-3092	LESSEE	0.000000000
LINN ENERGY HOLDINGS LLC	600 TRAVIS ST STE 5100	HOUSTON	HOUSTO	77002-3092	OPERATING RIGHTS	0.000000000
MAGNUM HUNTER PRODUCTION INC	202 S CHEYENNE AVE STE 1000	TULSA	TULSA	74103-3001	OPERATING RIGHTS	0.000000000
MOBIL E&P US DEVELOPMENT CORPORATION	810 HOUSTON ST	FT WORTH	FT	76102-6203	OPERATING RIGHTS	0.000000000
MRC DELAWARE RESOURCES LLC	5400 LYNDON B JOHNSON FWY STE 1500	DALLAS	DALLAS	75240-1000	OPERATING RIGHTS	0.000000000
MRC EXPLORERS RESOURCES LLC	5400 LBJ FREEWAY STE 1500	DALLAS	DALLAS	75240	OPERATING RIGHTS	0.000000000
MRC SPIRAL RESOURCES LLC	5400 LBJ FREEWAY STE 1500	DALLAS	DALLAS	75240	OPERATING RIGHTS	0.000000000
PENROC OIL CORP	PO BOX 5970	HOBBS	HOBBS	88241-5970	OPERATING RIGHTS	0.000000000
XTO ENERGY INC	810 HOUSTON ST	FORT WORTH	FORT	76102-6203	OPERATING RIGHTS	0.000000000

Mer Twp Rng	Sec	SType	SNr	Suff	Subdivision	District / Field Office	County	Mgmt Agency
23 0190S 0340E	026	ALIQ			S2NE,NWSW,SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished / Withdrawn Lands

Mer Twp Rng	Sec	SType	SNr	Suff	Subdivision	District / Field Office	County	Mgmt Agency
23 0190S 0340E	726	FF			SWSW,ASGN;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Act Date	Code	Action	Action Remarks	Pending Office
8/31/1951	387	CASE ESTABLISHED		
9/1/1951	238	LEASE MODIFIED-AMENDED		
9/1/1951	496	FUND CODE	05;145003	
9/1/1951	530	RENTY RATE 2.10 1/2%		
9/1/1951	868	EFFECTIVE DATE		
9/1/1956	235	EXTENDED	THRU 08/31/61;	
5/2/1961	232	LEASE COMMITTED TO UNIT	NMNM70989X;MESCALERO	
5/2/1961	500	GEOGRAPHIC NAME	MESCALERO RIDGE UA	
8/8/1961	570	CASE SEGREGATED BY ASGN	INTO NMNM05519-A;	
3/8/1962	102	NOTICE SENT-PROD STATUS		
7/25/1966	650	HELD BY PROD - ACTUAL		
7/25/1966	658	MEMO OF 1ST PROD-ACTUAL		
9/9/1970	510	KMA CLASSIFIED		
1/20/1971	315	RENTAL RATE DET/ADJ	\$1.00;	
1/11/1985	932	TRF OPER RGTS FILED		
9/13/1985	817	MERGER RECOGNIZED	ATL RICHFIELD PA/DE	
8/7/1986	933	TRF OPER RGTS APPROVED	EFF 02/01/85;	
8/18/1986	963	CASE MICROFILMED/SCANNED	CNUM 101,209 AD	
4/6/1987	140	ASGN FILED	EL PASO/EL PASO PROD	
5/19/1987	139	ASGN APPROVED	EFF 05/01/87;	
5/26/1987	974	AUTOMATED RECORD VERIF	JAM/JAM	
6/14/1988	932	TRF OPER RGTS FILED		
6/23/1988	933	TRF OPER RGTS APPROVED	EFF 07/01/88;	
6/23/1988	974	AUTOMATED RECORD VERIF	BTM/BTM	
8/18/1988	140	ASGN FILED	ARCO/HONDO OIL & GAS	
9/6/1988	139	ASGN APPROVED	EFF 09/01/88;	
9/6/1988	974	AUTOMATED RECORD VERIF	MCS/MT	

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**BUREAU OF LAND MANAGEMENT  
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01 02-25-1920;041STAT0437;30USC226

Total Acres

Serial Number

Case Type 311111: O&G LSE NONCOMP PUB LAND

440.000

~~NMNM-- 0 004452~~

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- 0 004452

Name & Address			Int Rel	%Interest
BLACK HILLS GAS RESOURCES INC	1515 WYNKOOP ST STE 500	DENVER CO 802020262	OPERATING RIGHTS	0.000000000
BURLINGTON RES OG LP PTRRC	3401 E 30TH ST	FARMINGTON NM 874028807	LESSEE	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	LESSEE	0.000000000
ENCANA OIL & GAS (USA) INC	370 17TH ST #1700	DENVER CO 80202	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON TX 772104362	OPERATING RIGHTS	0.000000000
LINN ENERGY HOLDINGS LLC	600 TRAVIS ST STE 5100	HOUSTON TX 770023092	OPERATING RIGHTS	0.000000000
MAGNUM HUNTER PRODUCTION INC	202 S CHEYENNE AVE STE 1000	TULSA OK 741033001	OPERATING RIGHTS	0.000000000
MOBIL E&P US DEVELOPMENT CORPORATION	810 HOUSTON ST	FT WORTH TX 761026203	OPERATING RIGHTS	0.000000000
MRC DELAWARE RESOURCES LLC	5400 LYNDON B JOHNSON FWY, STE 1500	DALLAS TX 752401000	OPERATING RIGHTS	0.000000000
MRC EXPLORERS RESOURCES LLC	5400 LBJ FREEWAY STE 1500	DALLAS TX 75240	OPERATING RIGHTS	0.000000000
MRC SPIRAL RESOURCES LLC	5400 LBJ FREEWAY STE 1500	DALLAS TX 75240	OPERATING RIGHTS	0.000000000
PENROC OIL CORP	PO BOX 5970	HOBBS NM 882415970	OPERATING RIGHTS	0.000000000
XTO HOLDINGS LLC	810 HOUSTON ST	FORT WORTH TX 761026203	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- 0 004452

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0190S	0340E	026	ALIQ	E2SW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0190S	0340E	027	ALIQ	S2NW,N2S2,SESW,S2SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Serial Number: NMNM 0004452

**Relinquished/Withdrawn Lands**

23	0190S	0340E	727	FF	SWSW,ASGN;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
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Serial Number: ~~NMNM-- 0 004452~~

Act Date	Code	Action	Action Remarks	Pending Office
12/26/1950	124	APLN RECD		
05/01/1951	237	LEASE ISSUED		
05/01/1951	496	FUND CODE	05;145003	
05/01/1951	530	<b>RLTY RATE - 12 1/2%</b>		
05/01/1951	868	EFFECTIVE DATE		
04/30/1956	235	EXTENDED	04/30/61;	
04/01/1961	570	CASE SEGREGATED BY ASGN	INTO NMNM04452-A;	
04/30/1961	235	EXTENDED	04/30/63;	
05/02/1961	232	LEASE COMMITTED TO UNIT	NMNM70989X;MESCALERO	
05/02/1961	500	GEOGRAPHIC NAME	MESCALERO RIDGE UA	
02/19/1962	660	MEMO OF 1ST PROD-ALLOC		
12/10/1967	500	GEOGRAPHIC NAME	PEARL;	
12/10/1967	510	KMA CLASSIFIED		
09/09/1970	512	KMA EXPANDED		
01/20/1971	315	RENTAL RATE DET/ADJ	\$1.00;	
08/03/1984	512	KMA EXPANDED		
01/11/1985	932	TRF OPER RGTS FILED	VL	
09/13/1985	817	MERGER RECOGNIZED	ATL RICHFIELD PA/DE	
08/08/1986	933	TRF OPER RGTS APPROVED	EFF 02/01/85;	
08/18/1986	963	CASE MICROFILMED/SCANNED	CNUM 103,120 AD	

NO WARRANTY IS MADE BY BLM  
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**BUREAU OF LAND MANAGEMENT  
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01 02-25-1920;041STAT0437;30USC181

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

160.000

NMNM-- - 135151

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 135151

Name & Address

Int Rel

%Interest

BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
XTO ENERGY INC	810 HOUSTON ST	FORT WORTH TX 761026203	OPERATOR	100.000000000

Serial Number: NMNM-- - 135151

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0190S	0340E	024	ALIQ	W2E2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 135151

Act Date	Code	Action	Action Remarks	Pending Office
06/15/2015	387	CASE ESTABLISHED		
06/15/2015	516	FORMATION	BONE SPRING	
06/15/2015	526	ACRES-FED INT 100%	160;100%	
06/15/2015	868	EFFECTIVE DATE	30-025-42710	
10/05/2015	334	AGRMT APPROVED		
11/06/2015	654	AGRMT PRODUCING	/1/	
11/06/2015	658	MEMO OF 1ST PROD-ACTUAL	/1/30-025-42710	
12/11/2015	643	PRODUCTION DETERMINATION	/1/	

Line Nr Remarks

Serial Number: NMNM-- - 135151

0001	RECAPITULATION EFFECTIVE JUNE 15, 2015			
0002	TRACT #	LSE SERIAL #	AC COMMITTED	PCT INT
0003	1	NMNM0381550C	80.00	50.00
0004	2	NMNM26395	80.00	50.00
0005	TOTAL		160.00	100.00

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

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Serial Number

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

Case Type 318310: O&G COMMUNITIZATION/AGRMT

Commodity 410: NATURAL GAS

Case Disposition: AUTHORIZED

Total Acres:  
160.000

NMNM: 131809

Serial Number: NMNM-- 131809

Name & Address

Int Rel

% Interest

BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD	NM	88220	OFFICE OF RECORD	0.000000000
XTO RESOURCES I LP	810 HOUSTON ST	FORT WORTH	TX	76102	OPERATOR	100.000000000

Serial Number: NMNM-- 131809

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0190S	0340E	024		ALIQ			W2W2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 131809

Serial Number: NMNM-- 131809

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
08/01/2013	387	CASE ESTABLISHED	30-025-41131	
08/01/2013	516	FORMATION	3RD BONE SPRING	
08/01/2013	526	ACRES-FED INT 100%	160; 100%	
08/01/2013	868	EFFECTIVE DATE		
10/14/2013	643	PRODUCTION DETERMINATION		
10/14/2013	654	AGRMT PRODUCING		
01/10/2014	658	MEMO OF 1ST PROD-ACTUAL		
01/21/2014	334	AGRMT APPROVED		

Serial Number: NMNM-- 131809

Line Number	Remark Text
0001	RECAPITULATION EFFECTIVE 08/01/2013
0002	TR# LEASE SERIAL# AC COMMITTED %INTEREST
0003	1 NM26395 80.00 50.00
0004	2 NM0381550C 80.00 50.00
0005	TOTAL 160.00 100.00

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

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

Run Date/Time: 12/13/2017 12:55 PM

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

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Total Acres:  
160.000

Serial Number

NMNM-135131

Serial Number: NMNM-- 135131

Name & Address		Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD 0.000000000
XTO ENERGY INC	810 HOUSTON ST	FORT WORTH TX 761026203	OPERATOR 100.000000000

Serial Number: NMNM-- 135131

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0190S	0340E	024		ALIQ			E2W2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 135131

Serial Number: NMNM-- 135131

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
06/15/2015	387	CASE ESTABLISHED		
06/15/2015	516	FORMATION	BONE SPRING	
06/15/2015	526	ACRES-FED INT 100%	160;100%	
06/15/2015	868	EFFECTIVE DATE	30-025-42709	
10/02/2015	334	AGRMT APPROVED		
10/31/2015	654	AGRMT PRODUCING	/1/	
10/31/2015	658	MEMO OF 1ST PROD-ACTUAL	/1/30-025-42709	
12/11/2015	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- 135131

Line Number	Remark Text
0001	RECAPITULATION EFFECTIVE JUNE 15, 2015
0002	TRACT # LSE SERIAL # AC COMMITTED PCT INT
0003	1 NMNM0381550C 80.00 50.00
0004	2 NMNM26395 80.00 50.00
0005	TOTAL 160.00 100.00

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

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

Run Date/Time: 12/13/2017 12:56 PM

Page 1 Of 2

01 02-26-1920;041STAT0437;30USC181

Case Type 318310: ~~0461COMMUNITIZATION/AGRMT~~

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Total Acres:  
160.000

Serial Number

~~NMNM 135153~~

Serial Number: NMNM-- 135153

Name & Address

Int Rel

% Interest

BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
XTO ENERGY INC	810 HOUSTON ST	FORT WORTH TX 761026203	OPERATOR	100.000000000

Serial Number: NMNM-- 135153

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0190S	0340E	024		ALIQ			E2E2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 135153

Serial Number: NMNM-- 135153

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
06/15/2015	387	CASE ESTABLISHED		
06/15/2015	516	FORMATION	BONE SPRING	
06/15/2015	526	ACRES-FED INT 100%	160;100%	
06/15/2015	868	EFFECTIVE DATE	30-025-42577	
09/12/2015	654	AGRMT PRODUCING	/1/	
09/12/2015	658	MEMO OF 1ST PROD-ACTUAL	/1/30-025-42577	
10/05/2015	334	AGRMT APPROVED		
12/11/2015	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- 135153

Line Number	Remark Text
0001	RECAPITULATION EFFECTIVE JUNE 15, 2015
0002	TRACT # LSE SERIAL # AC COMMITTED PCT INT
0003	1 NMNM0381550C 80.00 50.00
0004	2 NMNM26395 80.00 50.00
0005	TOTAL 160.00 100.00

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

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

**Perla Negra Fed Com & Espejo Fed Com wells (see list below)**

**XTO Energy Incorporated**

**October 24, 2018**

**Condition of Approval**

**Lease/CA Commingling of Bone Spring 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. Oil measurement for allocation must be measured as per Onshore Order #4 or 43 CFR 3174 and API requirements for oil measurement, or as approved in this approval to commingle production.
8. 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 "63" 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
9. This agency shall be notified of any change in sales method or location of sales point.
10. Additional wells and/or leases/CAs require additional commingling approvals.
11. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.
12. Submit meter numbers upon installation of meters and also provide updated facility diagram with meters numbers.
13. Coriolis meters (CMS) will be proven, as per API, BLM, and NMOCD specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then CMS meter proving frequency requirement will be as per applicable BLM regulations, notwithstanding further guidance from the local BLM authorized officer. The factor obtained will be used to allocate the production volumes.

14. This approval does not authorize any by passes around any allocation meter or metering separator, this is to include the use of headers to divert production other production equipment other than the approve measurement points.

Perla Negra Fed Com 1H	3002541131, Bone Spring	CA NMNM131809
Perla Negra Fed Com 5H	3002543810, Bone Spring	CA NMNM131809
Perla Negra Fed Com 2H	3002543709, Bone Spring	CA NMNM135131
Perla Negra Fed Com 6H	3002543811, Bone Spring	CA NMNM135131
Perla Negra Fed Com 3H	3002542710, Bone Spring	CA NMNM135151
Perla Negra Fed Com 7H	3002543812, Bone Spring	CA NMNM135151

Espejo Fed Com 1H	3002543741, Bone Spring	CA Pending
Espejo Fed Com 2H	3002543742, Bone Spring	CA Pending
Espejo Fed Com 3H	3002543777, Bone Spring	CA Pending

Lease NMNM26395	Royalty Rate 12.5%
Lease NMNM0381550C	Royalty Rate 12.5%
Lease NMNM57285	Royalty Rate 12.5%
Lease NMNM05519	Royalty Rate 12.5%
Lease NMNM04452	Royalty Rate 12.5%

Perla Negra wells are associated with CAs; NMNM135151, NMNM131809, NMNM135131, NMNM135153: all allocate production to Lease NMNM26395—50% and Lease NMNM0381550C—50%

Espejo Fed Com 1H CA pending, will allocate production to Lease NMNM57285-- 25% & NMNM05519—75%  
Espejo Fed Com 2H CA pending, will allocate production to Lease NMNM57285—25% & NMNM05519—75%  
Espejo Fed Com 3H CA pending, will allocate production to Lease NMNM57285—50% & NMNM04452—50%