

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Carlsbad Field Office**  
**OCD Hobbs**

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.*

Serial No. Multiple--See Attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No. NMNM138280

8. Well Name and No. Multiple--See Attached

9. API Well No. 30-025-41884

10. Field and Pool or Exploratory Area SAND DUNES

11. County or Parish, State LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**  
**HOBBS OCD**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator Contact: JENNIFER HARMS JUN 10 2019  
DEVON ENERGY PRODUCTION COMPANY jennifer.harms@dvn.com

3a. Address 333 WEST SHERIDAN AVENUE  
OKLAHOMA CITY, OK 73102

3b. Phone No. (405) 552-6560

4. 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 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 recomplete 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.

Attention: Duncan Whitlock.

Devon Energy Production Co., L.P. (Devon) respectfully requests a Central Tank Battery/Off Lease Measurement, Sales, and Storage. Proposal for a Lease/Pool Commingle is attached.

As per review with Duncan Whitlock, minerals are all 100%, all 12.5% and in the same formation. Verbal to commingle has been given 12/10/2018 for off lease measurement and surface commingling.

Working, royalty, and overriding interest owners are not identical and have been notified of this proposal via certified mail (see attachment).

The central tank battery, Boundary Raider 6 Fed 2H CTB, is located in SECION 7, T23S-R32E N.M.P.M.,

*\* Facility Diagrams in this package were added after submission*

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

Electronic Submission #447927 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/18/2018 (19PP0647SE)

Name (Printed/Typed) JENNIFER HARMS Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission) Date 12/17/2018

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

Approved By Dylan Rossmango Title Petroleum Engineer Date Sp/18

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.

**Additional data for EC transaction #447927 that would not fit on the form**

**5. Lease Serial No., continued**

NMNM132067  
NMNM63994

**Wells/Facilities, continued**

<b>Agreement</b>	<b>Lease</b>	<b>Well/Fac Name, Number</b>	<b>API Number</b>	<b>Location</b>
NMNM63994	NMNM63994	BOUNDARY RAIDER 5 FED 231H	30-025-45068-00-X1	Sec 8 T23S R32E NWNW 100FNL 1056FWL 32.326030 N Lat, 103.701815 W Lon
NMNM63994	NMNM63994	BOUNDARY RAIDER 6 FEDERAL	28-025-41884-00-S1	Sec 7 T23S R32E NENE 200FNL 200FEL 32.325739 N Lat, 103.705879 W Lon
NMNM138280	NMNM132067	BOUNDARY RAIDER 7 FED 214H	30-025-44292-00-S1	Sec 7 T23S R32E NENE 100FNL 900FEL 32.326000 N Lat, 103.708145 W Lon

**32. Additional remarks, continued**

LEA County, New Mexico.

Boundary Raider 5 Fed 231H; 3002545068; 8-23S-32E, NWNW; LEA COUNTY; BONE SPRING 2ND  
NMNM63994-12.5%

BOUNDARY RAIDER 6 FED 2H; 3002541884; 7-23S-32E, NENE; LEA COUNTY; BONE SPRING 2ND NMNM63994-12.5%

BOUNDARY RAIDER 7 FED 214H; 3002544292; 7-23S-32E, NENE; LEA COUNTY; BONE SPRING 2ND  
NMNM132067-12.5% NMNM062223-12.5% NMNM138280-CA PENDING

1 1/2

# APPLICATION FOR CENTRAL TANK BATTERY\OFF LEASE MEASUREMENT, SALES, & STORAGE

**Proposal for Boundary Raider 5 Fed 231H, Boundary Raider 6 Fed 2H, & Boundary Raider 7 Fed 214H**  
 Devon Energy Production Company, LP is requesting approval for a Lease Commingle for the following wells:

WELL NAME	API	LOCATION	COUNTY	POOL	WELLBORE LEASES	WELLBORE LEASES	CA'S:
Boundary Raider 5 Fed 231H	3002545068	8-23S-32E, NWNW	LEA	BONE SPRING 2ND	NMNM63994-12.5%		NO CA
BOUNDARY RAIDER 6 FED 2H	3002541884	7-23S-32E, NENE	LEA	BONE SPRING 2ND	NMNM63994-12.5%		NO CA
BOUNDARY RAIDER 7 FED 214H	3002544292	7-23S-32E, NENE	LEA	BONE SPRING 2ND	NMNM132067-12.5%	NMNM062223-12.5%	NMNM138280-CA

**CA Has been submitted: NMNM138280(BOUNDARY RAIDER 7 FED 214H) other two locations have one lease and will not have CA's.**

### Oil & Gas metering:

The central tank battery, Boundary Raider 6 Fed 2H CTB, is located in SECIION 7, T23S-R32E N.M.P.M., LEA County, New Mexico.

Each well is routed to its own 3-phase separator where the full well stream is separated into gas, oil, and water streams. For each well, after separation, gas is measured with an independent, designated orifice meter for allocation, then flows into a gas production line where it is combined with gas from the other wells and flows through a gas sales meter(s). The oil from the 3-phase separator is measured with an independent, designated Micro Motion Coriolis Meter for allocation. It then combines with the oil production from the other wells, flows into the heater treater(s), then into the Ultra-Low Pressure Separator(s) (ULPS), and into one of the oil tanks. The oil is then pumped out of the common tanks to an oil sales meter (LACT unit). The water from the 3-phase separator is measured with an independent, designated Mag meter for allocation, combines with the water from the other wells, then flows into the gun barrel, and into one of the produced water tanks. Flash gas that exits the heater treater(s) and ULPS(s) flows to the Vapor Recovery Unit (VRU). After exiting the VRU, the gas will be measured through a designated orifice meter for monthly oil allocation.

The central tank battery will have (6) oil tanks and (2) water tanks, (0) GB Tank and (0) Skimmed Oil Tank that all wells will utilize. All wells will have (1) common gas delivery point(s) on location. All wells will share (1) common Truck LACT delivery point and (1) common pipeline delivery point fed by (1) 3<sup>rd</sup> party LACT(s). Both delivery points will be on location.

### Meter Owner / Serial Number:

Well Name	Gas Allocation Meter	Oil Allocation Meter	Gas FMP	Oil FMP	Water Allocation Meter	VRU Allocation Meter
Boundary Raider 5 Fed 231H	DVN / *	DVN / *	Lucid / *	Andeavor / *	DVN / *	DVN / *
Boundary Raider 7 Fed 214H	DVN / *	DVN / *	Lucid / *	Andeavor / *	DVN / *	DVN / *
Boundary Raider 6 Fed 2H	DVN / *	DVN / *	Lucid / *	Andeavor / *	DVN / *	DVN / *

\* Meter serial numbers to be provided after construction of facility.

The total of all oil sales meters will be allocated to each well based on the oil allocation meter located downstream of each well's 3-phase separator. Devon will continue to operate and maintain the Micro Motion Coriolis Meter per BLM applicable regulations, notwithstanding further guidance from the local BLM in regards to proving the Micro Motion Coriolis Meter to meet applicable BLM standards. The total of all gas sales meters will be allocated to each well based on the gas allocation meter located downstream of each well's 3-phase separator and the VRU allocation meter. The VRU allocation meter volumes will be allocated to each well based on the oil allocation meter of each well. The BLM and OCD will be notified of any future changes to the facilities.

### Process and Flow Descriptions:

The flow of produced fluids is described above and shown in detail on the enclosed facility diagram, along with a description of each vessel and map which shows the lease boundaries, location of wells, facility, and gas sales meter.

The proposed commingling is appropriate based on the BLM's guidance in IM NMPO 2013-02 & 43 CFR 3173.14. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the federal leases and will reduce

environmental impacts by minimizing surface disturbance and emissions. The proposed commingling will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

Devon Energy Production Company, LP 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).

Date: 12/3/2018



Boundary Raider 5 Fed 231H  
 NE/4 NE/4, S8, T23S, R32E  
 100' FNL 1056' FWL  
 Lea County, New Mexico  
 API 30-25-45068 NMNM018848

Production System: Closed

1) Oil sales by tank gauge to tank truck.

2) Seal requirements:

A. Production Phase: On all Tanks.

(1) All valves 5 sealed closed.

Sales Phase: On Tank being hauled.

(1) Valve 1 sealed closed. 

(2) Valve 3 sealed closed. 

(3) Valve 4 sealed closed. 

(4) Valve 5 sealed closed. 

(5) Misc. Valves: Plugged or otherwise unaccessible. 

NOTE: Valve 2 is either a test or roll line if there is a valve 2 it will be sealed closed. 

Ledger for Site Diagram

Valve #1: Production Line 

Valve #2: Test or Roll line 

Valve #3: Equalizer Line 

Valve #4: Circ./Drain Line 

Valve #5: Sles Line 

Valve #6: BS&W Load Line 

Buried Lines: -----

Firewall: 

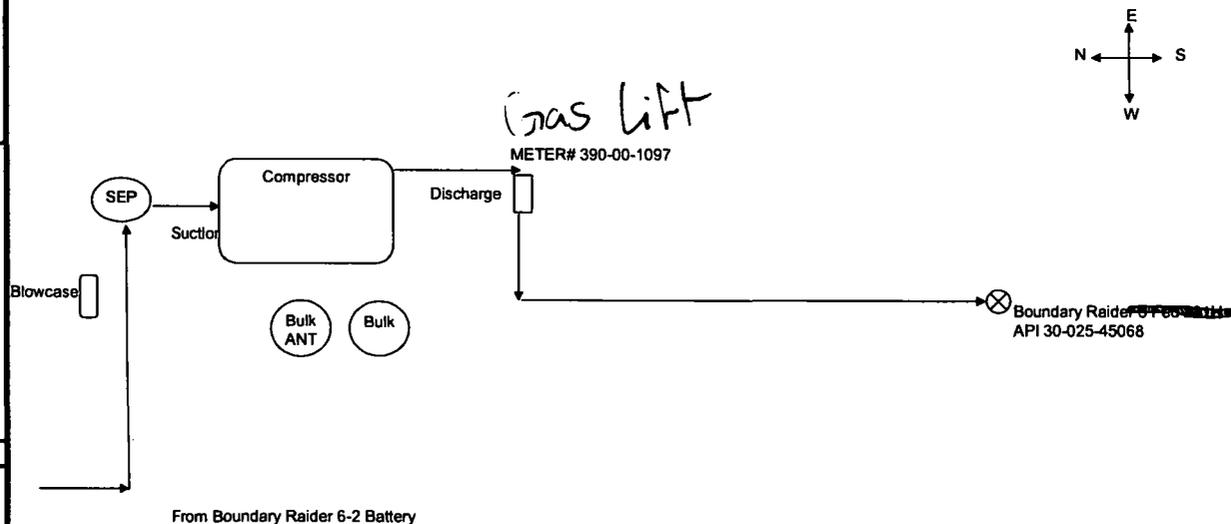
Wellhead: 

Stak-pak: 

Production line: \_\_\_\_\_

Water line: -----

Gas Meter   



Boundary Raider 7 Fed 214H  
 NE/4 NE/4, S7, T23S, R32E  
 100' FNL 900' FEL  
 Lea County, New Mexico  
 API 30-25-44292 NMNM132067

Production System: Closed

1) Oil sales by tank gauge to tank truck.

2) Seal requirements:

A. Production Phase: On all Tanks.

(1) All valves 5 sealed closed.

Sales Phase: On Tank being hauled.

(1) Valve 1 sealed closed. 

(2) Valve 3 sealed closed. 

(3) Valve 4 sealed closed. 

(4) Valve 5 sealed closed. 

(5) Misc. Valves: Plugged or otherwise unaccessible. 

NOTE: Valve 2 is either a test or roll line if there is a valve 2 it will be sealed closed. 

Ledger for Site Diagram

Valve #1: Production Line 

Valve #2: Test or Roll line 

Valve #3: Equalizer Line 

Valve #4: Circ./Drain Line 

Valve #5: Sies Line 

Valve #6: BS&W Load Line 

Buried Lines: -----

Firewall: 

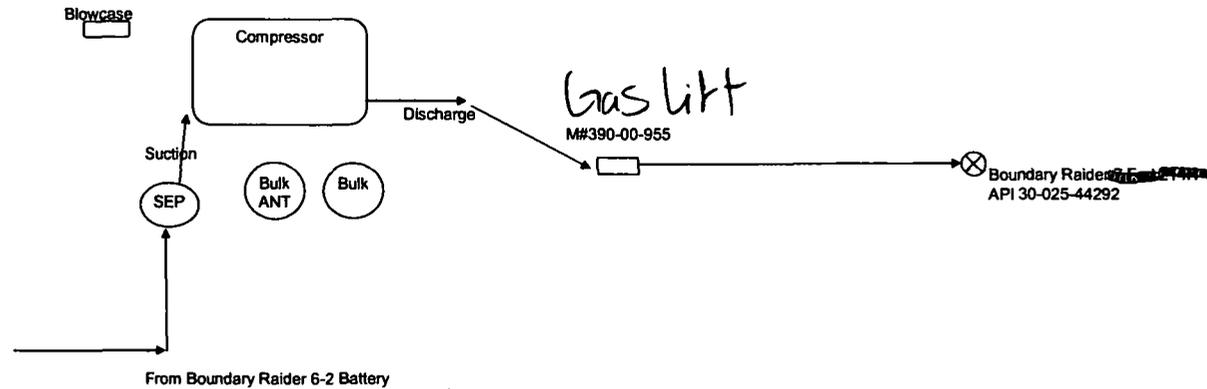
Wellhead: 

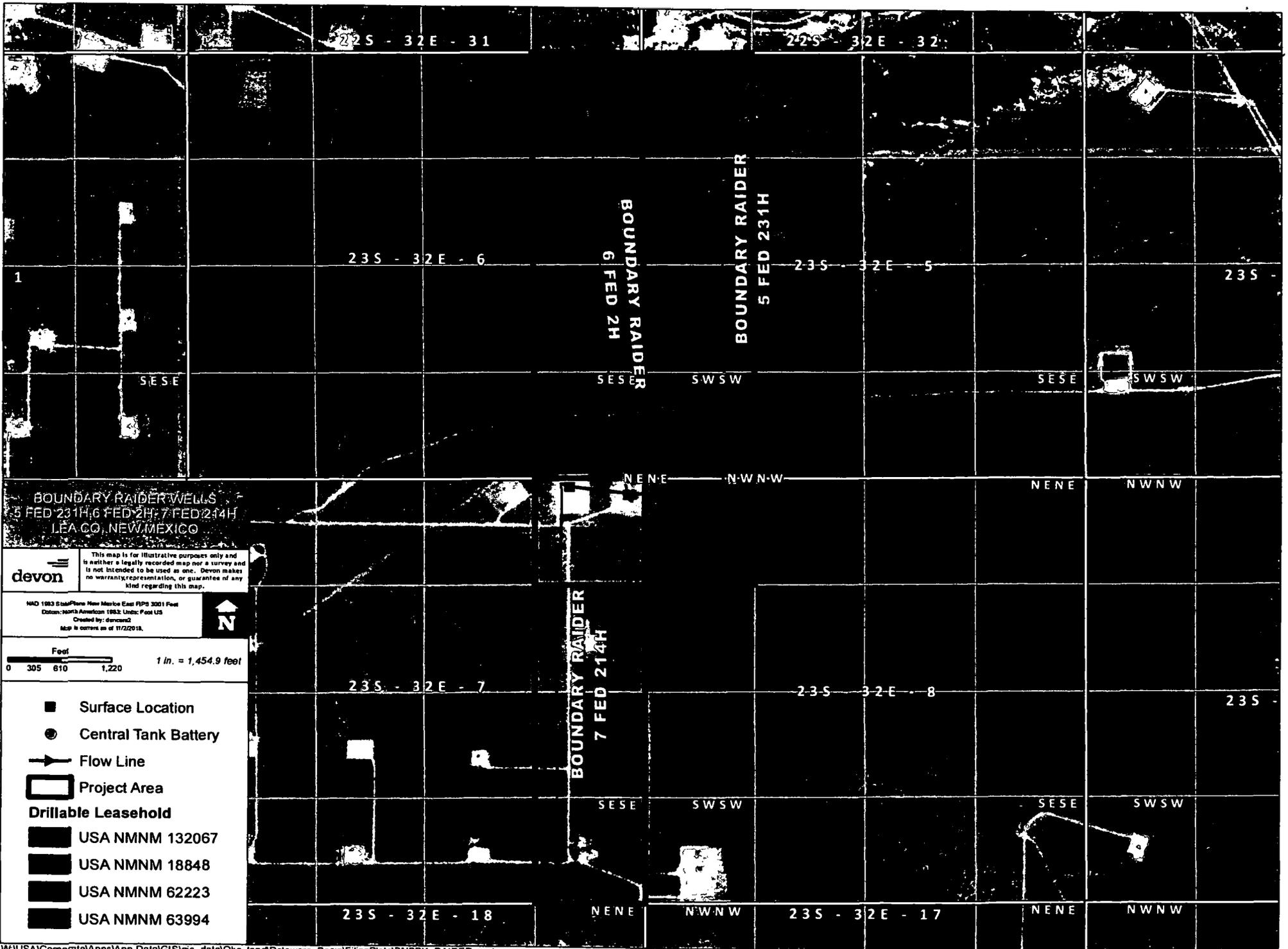
Stak-pak: 

Production line: \_\_\_\_\_

Water line: -----

Gas Meter   





BOUNDARY RAIDER WELLS  
 5 FED 231H, 6 FED 2H, 7 FED 214H  
 LEA CO, NEW MEXICO

**devon**  
 This map is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

MAD 1983 StatePlane New Mexico East FIPS 3001 Feet  
 Datum: North American 1983 Units: Feet US  
 Created by: drcam2  
 Map is current as of 11/22/2018.

Feet  
 0 305 610 1,220  
 1 in. = 1,454.9 feet

- Surface Location
- Central Tank Battery
- Flow Line
- Project Area
- Drillable Leasehold**
- USA NMNM 132067
- USA NMNM 18848
- USA NMNM 62223
- USA NMNM 63994

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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**

**Total Acres:**  
**617.920**

**Serial Number**  
**NMNM 062223**

						<b>Serial Number: NMNM-- - 062223</b>	
<b>Name &amp; Address</b>				<b>Int Rel</b>	<b>% Interest</b>		
ENERVEST ENE INSTNL FUND XI-A	1001 FANNIN ST STE 800	HOUSTON	TX	770026707	OPERATING RIGHTS	0.000000000	
FOUNDATION ENERGY FUND IV-B HOLDING LLC	16000 DALLAS PKWY STE 875	DALLAS	TX	752486643	LESSEE	100.000000000	
FOUNDATION ENERGY FUND IV-B HOLDING LLC	16000 DALLAS PKWY STE 875	DALLAS	TX	752486643	OPERATING RIGHTS	0.000000000	
DEVON ENERGY PRODUCTION CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY	OK	731025010	OPERATING RIGHTS	0.000000000	
ENERVEST ENE INSTNL FUND XI-WI	1001 FANNIN ST STE 800	HOUSTON	TX	770026707	OPERATING RIGHTS	0.000000000	
TEXAS REEXPLORATION LTD 01	3025 MAXROY	HOUSTON	TX	77008	OPERATING RIGHTS	0.000000000	
SHARBRO OIL LTD CO	423 W MAIN ST	ARTESIA	NM	88210	OPERATING RIGHTS	0.000000000	
SHARBRO ENERGY LLC	PO BOX 840	ARTESIA	NM	882110840	OPERATING RIGHTS	0.000000000	

							<b>Serial Number: NMNM-- - 062223</b>			
<b>Mer</b>	<b>Twp</b>	<b>Rng</b>	<b>Sec</b>	<b>SType</b>	<b>Nr</b>	<b>Suff</b>	<b>Subdivision</b>	<b>District/ Field Office</b>	<b>County</b>	<b>Mgmt Agency</b>
23	0230S	0320E	005	ALIQ			SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0230S	0320E	007	LOTS			1-3;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0230S	0320E	007	ALIQ			NESW,N2SE,SESE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0230S	0320E	017	ALIQ			NE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

**Relinquished/Withdrawn Lands**

**Serial Number: NMNM-- - 062223**

				<b>Serial Number: NMNM-- - 062223</b>	
<b>Act Date</b>	<b>Act Code</b>	<b>Action Txt</b>	<b>Action Remarks</b>		
<b>Pending Off</b>					
04/04/1985	387	CASE ESTABLISHED	SPAR506;		
04/05/1985	888	DRAWING HELD			
08/01/1985	237	LEASE ISSUED			
08/14/1985	600	RECORDS NOTED			
08/20/1985	963	CASE MICROFILMED/SCANNED	CNUM 553,417	AC	
09/01/1985	496	FUND CODE	05;145003		
09/01/1985	530	RLTY RATE - 12 1/2%			
09/01/1985	868	EFFECTIVE DATE			
07/07/1986	111	RENTAL RECEIVED	\$0;86-87		

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

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Act Date	Act Code	Action Txt	Action Remarks	Pending Off
07/13/1987	111	RENTAL RECEIVED	\$0;87-88	
04/21/1988	974	AUTOMATED RECORD VERIF	GEA/CB	
07/12/1988	111	RENTAL RECEIVED	\$618.00;1YR/88-89	
07/13/1989	111	RENTAL RECEIVED	\$618.00;1YR/89-90	
07/18/1990	111	RENTAL RECEIVED	\$618.00;21/26500	
07/15/1991	111	RENTAL RECEIVED	\$618.00;21/33240	
04/13/1993	396	TRF OF INTEREST FILED	L YATES/L YATES EST	
04/13/1993	974	AUTOMATED RECORD VERIF	JLV/ST	
07/12/1993	111	RENTAL RECEIVED	\$618.00;21/47959	
07/11/1994	111	RENTAL RECEIVED	\$618.00;21/54342	
02/16/1995	933	TRF OPER RGTS APPROVED	EFF 12/01/95;	
06/30/1995	575	APD FILED	MYCO INDUSTRIES INC	
08/09/1995	576	APD APPROVED	1-SHARBRO FED	
08/17/1995	084	RENTAL RECEIVED BY ONRR	\$618.00;21/0000000606	
08/31/1995	235	EXTENDED	THRU 08/31/1997;	
11/21/1995	932	TRF OPER RGTS FILED	EST OF L YATES/MYCO	
12/14/1995	974	AUTOMATED RECORD VERIF	MV/MV	
02/16/1996	974	AUTOMATED RECORD VERIF	ANN	
11/02/1996	650	HELD BY PROD - ACTUAL	/1/	
11/02/1996	658	MEMO OF 1ST PROD-ACTUAL	/1/#1 FED SHARBRO;	
03/31/2000	932	TRF OPER RGTS FILED	L YATES EST/MYCO ETAL	
05/10/2000	933	TRF OPER RGTS APPROVED	EFF 04/01/00;	
05/10/2000	974	AUTOMATED RECORD VERIF	JLV	
08/25/2004	140	ASGN FILED	L YATES EST/SHARBRO	
08/25/2004	932	TRF OPER RGTS FILED	L YATES EST/SHARBRO	
09/13/2004	139	ASGN APPROVED	EFF 09/01/04;	
09/13/2004	933	TRF OPER RGTS APPROVED	EFF 09/01/04;	
09/13/2004	974	AUTOMATED RECORD VERIF	ANN	
10/20/2004	899	TRF OF ORR FILED	1	
07/02/2007	140	ASGN FILED	SHARBRO O/TEXAS REE;1	
07/02/2007	932	TRF OPER RGTS FILED	SHARBRO O/TEXAS REE;1	
07/02/2007	932	TRF OPER RGTS FILED	MYCO INDU/TEXAS REE;1	
07/02/2007	932	TRF OPER RGTS FILED	MYCO INDU/TEXAS REE;2	
08/28/2007	139	ASGN APPROVED	EFF 08/01/07;	
08/28/2007	933	TRF OPER RGTS APPROVED	EFF 08/01/07;3	
08/28/2007	933	TRF OPER RGTS APPROVED	EFF 08/01/07;2	
08/28/2007	933	TRF OPER RGTS APPROVED	EFF 08/01/07;1	
08/28/2007	974	AUTOMATED RECORD VERIF	ANN	
08/15/2008	140	ASGN FILED	TEXAS REE/ENERVEST;1	

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Act Date	Act Code	Action Txt	Action Remarks	Pending Off
08/15/2008	932	TRF OPER RGTS FILED	TEXAS REE/ENERVEST;1	
08/15/2008	932	TRF OPER RGTS FILED	TEXAS REE/ENERVEST;2	
08/15/2008	932	TRF OPER RGTS FILED	TEXAS REE/ENERVEST;3	
09/19/2008	139	ASGN APPROVED	EFF 09/01/08;	
09/19/2008	933	TRF OPER RGTS APPROVED	03EFF 09/01/08;	
09/19/2008	933	TRF OPER RGTS APPROVED	02EFF 09/01/08;	
09/19/2008	933	TRF OPER RGTS APPROVED	01EFF 09/01/08;	
09/19/2008	974	AUTOMATED RECORD VERIF	LR	
01/05/2012	932	TRF OPER RGTS FILED	SHARBRO O/SHARBRO E;1	
05/18/2012	933	TRF OPER RGTS APPROVED	EFF 02/01/12;	
05/23/2012	974	AUTOMATED RECORD VERIF	ANN	
09/21/2015	140	ASGN FILED	ENERVEST/FOUNDATIO;1	
09/21/2015	932	TRF OPER RGTS FILED	ENERVEST/FOUNDATIO;1	
10/15/2015	139	ASGN APPROVED	EFF 10/01/15;	
10/15/2015	933	TRF OPER RGTS APPROVED	EFF 10/01/15;	
10/15/2015	974	AUTOMATED RECORD VERIF	JA	
10/20/2016	932	TRF OPER RGTS FILED	YATES IND/EOG RESOU;1	
12/01/2016	940	NAME CHANGE RECOGNIZED	MYCO INDUST/EOG M RES	
01/19/2017	933	TRF OPER RGTS APPROVED	EFF 11/01/16;	
01/19/2017	974	AUTOMATED RECORD VERIF	MJD	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138276;	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138277;	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138278;	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138280;	
10/12/2017	932	TRF OPER RGTS FILED	EOG RESOU/DEVON ENE;1	
10/12/2017	932	TRF OPER RGTS FILED	EOG M RES/DEVON ENE;1	
11/21/2017	933	TRF OPER RGTS APPROVED	EFF 11/01/17;1	
11/21/2017	933	TRF OPER RGTS APPROVED	EFF 11/01/17;2	
11/21/2017	974	AUTOMATED RECORD VERIF	LBO	
02/15/2018	658	MEMO OF 1ST PROD-ACTUAL	/5/NMNM138280;#214H	
04/06/2018	658	MEMO OF 1ST PROD-ACTUAL	/3/NMNM138277;#212H	
04/06/2018	658	MEMO OF 1ST PROD-ACTUAL	/4/NMNM138278;#213H	
04/24/2018	658	MEMO OF 1ST PROD-ACTUAL	/2/NMNM138276;#211H	
06/21/2018	643	PRODUCTION DETERMINATION	/2/	
06/21/2018	643	PRODUCTION DETERMINATION	/3/	
06/21/2018	643	PRODUCTION DETERMINATION	/4/	
06/21/2018	643	PRODUCTION DETERMINATION	/5/	
07/01/2018	246	LEASE COMMITTED TO CA	NMNM 138943;	
07/01/2018	246	LEASE COMMITTED TO CA	NMNM 138944;	

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Act Date	Act Code	Action Txt	Action Remarks	Pending Off
08/01/2018	246	LEASE COMMITTED TO CA	NMNM 138762;	
08/01/2018	246	LEASE COMMITTED TO CA	NMNM 138763;	

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Line Number	Remark Text
0002	BONDED OPERATORS/LESSEES/TRANSFEREES:
0003	05/10/2000 - MYCO INC - NM2116 S/W
0004	09/13/2004 - MYCO INDUSTRIES INC - NM2116 - S/W;
0005	08/21/2007 TEXAS REEXPLORATION OPER NMB000392 N/W;
0006	09/19/2008 - ENERVEST OPERATING LLC NMB000503 S/W;
0007	MYCO INDUSTRIES INC NMB000376 S/W;
0008	05/23/2012 - ENERVEST OPERATING LLC NMB000325 S/W;
0009	10/15/2015 - ENERVEST ENERGY NMB000327 S/W
0010	01/19/17 - TRANSFEREE BONDED EOG RESOURCES NM2308 NW

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 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

Total Acres:  
 980.630

Serial Number  
 NMNM 063994

Serial Number: NMNM-- - 063994

Name & Address				Int Rel	% Interest
DEANS A J	PO BOX 100	ARTESIA	NM 88210	OPERATING RIGHTS	0.000000000
JACKSON J T	PO BOX 100	ARTESIA	NM 88210	OPERATING RIGHTS	0.000000000
BELLAH C	PO BOX 100	ARTESIA	NM 882110100	OPERATING RIGHTS	0.000000000
FLETCHER L	PO BOX 100	ARTESIA	NM 88210	OPERATING RIGHTS	0.000000000
GUY JAMES E	PO BOX 100	ARTESIA	NM 882110100	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON	TX 772104362	OPERATING RIGHTS	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY	OK 731025010	LESSEE	100.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY	OK 731025010	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 063994

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0230S	0320E	005	LOTS			3,4;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0230S	0320E	005	ALIQ			S2NW,SW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0230S	0320E	006	ALIQ			S2NE,SENW,E2SW,SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0230S	0320E	006	LOTS			1-7;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 063994

Serial Number: NMNM-- - 063994  
 Pending Off

Act Date	Act Code	Action Txt	Action Remarks
09/08/1975	387	CASE ESTABLISHED	
10/01/1975	496	FUND CODE	05;145003
10/01/1975	530	RLTY RATE - 12 1/2%	
10/01/1975	868	EFFECTIVE DATE	
09/14/1984	111	RENTAL RECEIVED	\$0;84-85
02/19/1985	553	CASE CREATED BY ASGN	OUT OF NMNM26390;
09/06/1985	111	RENTAL RECEIVED	\$0;85-86
11/12/1985	600	RECORDS NOTED	
11/20/1985	963	CASE MICROFILMED/SCANNED	CNUM 554,433 AC

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Serial Number: NMNM-- - 063994

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
01/14/1986	650	HELD BY PROD - ACTUAL		
12/07/1987	140	ASGN FILED	SANTA FE ENE/OPER	
04/14/1988	139	ASGN APPROVED	EFF 01/01/88;	
06/08/1988	974	AUTOMATED RECORD VERIF	EW/JA	
02/26/1990	932	TRF OPER RGTS FILED	SANTA FE/FLETCHER	
04/23/1990	933	TRF OPER RGTS APPROVED	EFF 03/01/90;	
04/23/1990	974	AUTOMATED RECORD VERIF	TF/TF	
02/19/1992	909	BOND ACCEPTED	EFF 01/28/92;NM1983	
06/29/1992	974	AUTOMATED RECORD VERIF	BCO/AMR	
11/01/1992	621	RLTY RED-STRIPPER WELL	2.1%;/1/	
03/08/1993	625	RLTY REDUCTION APPV	/1/	
10/20/1993	974	AUTOMATED RECORD VERIF	JLV	
08/22/1994	899	TRF OF ORR FILED		
04/24/1995	932	TRF OPER RGTS FILED	SANTA FE ENE/ENRON OG	
06/28/1995	933	TRF OPER RGTS APPROVED	EFF 05/01/95;	
06/28/1995	974	AUTOMATED RECORD VERIF	JLV	
02/05/1996	899	TRF OF ORR FILED		
03/11/1996	932	TRF OPER RGTS FILED	ENRON OG/SANTA FE	
06/17/1996	933	TRF OPER RGTS APPROVED	EFF 04/01/96;	
06/17/1996	974	AUTOMATED RECORD VERIF	LR	
02/03/1998	932	TRF OPER RGTS FILED	A DEANS/NADEL&GUSSMAN	
02/03/1998	932	TRF OPER RGTS FILED	JACKSON/NADEL&GUSSMAN	
02/09/1998	932	TRF OPER RGTS FILED	FLETCHER/NADEL ETAL	
02/09/1998	932	TRF OPER RGTS FILED	BELLAH/NADEL ETAL	
02/09/1998	932	TRF OPER RGTS FILED	GUY/NADEL ETAL	
03/04/1998	933	TRF OPER RGTS APPROVED	(1)EFF 03/01/98;	
03/04/1998	933	TRF OPER RGTS APPROVED	(2)EFF 03/01/98;	
03/04/1998	933	TRF OPER RGTS APPROVED	(3)EFF 03/01/98;	
03/04/1998	933	TRF OPER RGTS APPROVED	(4)EFF 03/01/98;	
03/04/1998	974	AUTOMATED RECORD VERIF	LR	
03/09/1998	558	TRF OPER RGTS RET UNAPPV	JACKSON/NADEL&GUSSMAN	
03/09/1998	899	TRF OF ORR FILED		
03/09/1998	974	AUTOMATED RECORD VERIF	LR	
03/23/1998	932	TRF OPER RGTS FILED	JACKSON/NADEL&GUSSMAN	
03/24/1998	933	TRF OPER RGTS APPROVED	EFF 04/01/98;	
03/24/1998	974	AUTOMATED RECORD VERIF	LR	
07/01/1999	940	NAME CHANGE RECOGNIZED	SF ENE RES/SF SNYDER	
07/01/1999	974	AUTOMATED RECORD VERIF	JLV	
08/30/1999	817	MERGER RECOGNIZED	EOG RES/ENRON O&G CO	

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

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Serial Number: NMNM-- - 063994

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
08/30/1999	940	NAME CHANGE RECOGNIZED	ENRON O&G CO/EOG RES	
10/11/2000	940	NAME CHANGE RECOGNIZED	SANTA FE/DEVON SFS	
10/11/2000	974	AUTOMATED RECORD VERIF	AT	
12/12/2002	817	MERGER RECOGNIZED	DEVONSFS/DEVONENEPROD	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138276;	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138277;	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138278;	
10/04/2017	932	TRF OPER RGTS FILED	NADEL & G/DEVON ENE;1	
11/13/2017	933	TRF OPER RGTS APPROVED	EFF 11/01/17;	
11/13/2017	974	AUTOMATED RECORD VERIF	LBO	
04/06/2018	658	MEMO OF 1ST PROD-ACTUAL	/3/NMNM138277;#212H	
04/06/2018	658	MEMO OF 1ST PROD-ACTUAL	/4/NMNM138278;#213H	
04/24/2018	658	MEMO OF 1ST PROD-ACTUAL	/2/NMNM138276;#211H	
06/21/2018	643	PRODUCTION DETERMINATION	/2/	
06/21/2018	643	PRODUCTION DETERMINATION	/3/	
06/21/2018	643	PRODUCTION DETERMINATION	/4/	
07/01/2018	246	LEASE COMMITTED TO CA	NMNM 138764;	

Line Number      Remark Text      Serial Number: NMNM-- - 063994

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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:  
 240.000

Serial Number  
 NMNM 132067

Serial Number: NMNM-- 132067

Name & Address				Int Rel	% Interest
DEVON ENERGY CORP	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	100.000000000

Serial Number: NMNM-- 132067

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0230S	0320E	007	ALIQ			NE,E2NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 132067

Serial Number: NMNM-- 132067

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
11/25/2013	387	CASE ESTABLISHED	201402008;	
02/26/2014	143	BONUS BID PAYMENT RECD	\$480.00;	
02/26/2014	191	SALE HELD		
02/26/2014	267	BID RECEIVED	\$2904000.00;	
03/03/2014	143	BONUS BID PAYMENT RECD	\$2903520.00;	
05/16/2014	237	LEASE ISSUED		
05/16/2014	974	AUTOMATED RECORD VERIF	LBO	
06/01/2014	496	FUND CODE	05;145003	
06/01/2014	530	RLTY RATE - 12 1/2%		
06/01/2014	868	EFFECTIVE DATE		
10/03/2016	791	TERMINAT'N NOTICE ISSUED	CLASS II;	
10/03/2016	974	AUTOMATED RECORD VERIF	MJD	
01/05/2017	792	TERMINATION VACATED		
02/27/2017	140	ASGN FILED	CROWN OIL/DEVON ENE;1	
02/27/2017	932	TRF OPER RGTS FILED	CROWN OIL/DEVON ENE;1	
03/02/2017	139	ASGN APPROVED	EFF 03/01/17;	
03/02/2017	933	TRF OPER RGTS APPROVED	EFF 03/01/17;	
03/02/2017	974	AUTOMATED RECORD VERIF	LBO	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138277;	

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Serial Number: NMNM-- 132067

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138278;	
10/01/2017	246	LEASE COMMITTED TO CA	NMNM 138280;	
02/15/2018	650	HELD BY PROD - ACTUAL	/1/	
02/15/2018	658	MEMO OF 1ST PROD-ACTUAL	/1/NMNM138280;#214H	
04/06/2018	658	MEMO OF 1ST PROD-ACTUAL	/2/NMNM138277;#212H	
04/06/2018	658	MEMO OF 1ST PROD-ACTUAL	/3/NMNM138278;#213H	
06/21/2018	643	PRODUCTION DETERMINATION	/1/	
06/21/2018	643	PRODUCTION DETERMINATION	/2/	
06/21/2018	643	PRODUCTION DETERMINATION	/3/	

Serial Number: NMNM-- 132067

Line Number	Remark Text
02	STIPULATIONS ATTACHED TO LEASE:
03	NM-11-LN SPECIAL CULTURAL RESOURCE
04	SENM-S-22 PRAIRIE CHICKENS
05	SENM-S-39 PLAN OF DEVELOPMENT

DEPARTMENT OF THE INTERIOR  
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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 138280

Serial Number: NMNM-- - 138280

Name & Address				Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD	NM 88220	OFFICE OF RECORD	0.000000000
DEVON ENERGY PRODUCTION CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY	OK 731025010	OPERATOR	100.000000000

Serial Number: NMNM-- - 138280

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0230S	0320E	007	ALIQ			E2E2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 138280

Serial Number: NMNM-- - 138280

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
10/01/2017	387	CASE ESTABLISHED		
10/01/2017	516	FORMATION	BONE SPRING;	
10/01/2017	526	ACRES-FED INT 100%	160.00;100%	
10/01/2017	868	EFFECTIVE DATE	/A/	
12/14/2017	580	PROPOSAL RECEIVED	CA REC'D	
02/15/2018	654	AGRMT PRODUCING	NMNM138280,214H	
06/21/2018	334	AGRMT APPROVED		
06/21/2018	690	AGRMT VALIDATED		

Serial Number: NMNM-- - 138280

Line Number	Remark Text			
0001				
0002	/A/RECAPITULATION EFFECTIVE 10/01/2017			
0003	TR# LEASE SERIAL NO AC COMMITTED % INTEREST			
0004	1 NMNM 132067	80.00	50.000000	
0005	2 NMNM 62223	80.00	50.000000	
0006	TOTAL	160.00	100.000000	

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

**Conditions of Approval  
Lease/CA Commingling and Off-Lease Measurement, Storage and Sales of  
Production**

**Devon Energy**

**Wells: Boundary Raider 5 Fed 231H, 6 Fed 2H, 7 Fed 214H**

**Lease: NMNM63994**

**CA: NMNM138280**

Approval of comingling measurement and sales is subject to the following conditions of approval:

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 a right-of-way approval for any off-lease. 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 revocations.
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 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
9. This agency shall be notified of any change in sales method or location of the sales point.
10. Additional wells and/or leases/CAs require additional comingling approvals.
11. Notify this office 24 hours prior to any meter proving to allow time for an inspector to witness.
12. Submit oil, gas, VRU, and water meter numbers upon installation of meters and also provide updated facility diagram with meter numbers.
13. This approval does not authorize any bypasses around any allocation meter or metering separator, this is to include the use of headers to divert production other production equipment other than the approved measurement points.

14. VRU gas will be commingled, measured then allocated back based on oil production as per attached write-up. A VRU is also approved with this approval. Gas vapors normally would be vented or flared.

**Lease NMNM63994\* (12.5% RR):**

<b>Boundary Raider 5 Fed 231H</b>	<b>3002545068</b>	<b>Bone Spring 2nd</b>
<b>Boundary Raider 6 Fed 2H</b>	<b>3002541884</b>	<b>Bone Spring 2nd</b>

**\*CTB is located on this lease**

**CA NMNM138280 (12.5% RR, 50% NMNM132067, 50% NMNM62223):**

<b>Boundary Raider 7 Fed 214H</b>	<b>3002544292</b>	<b>Bone Spring 2nd</b>
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5/20/2019 DR