

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
MUSKIE 23-11	2H	3002547412	NMNM100568	NMNM100568	DEVON
MUSKIE 23-11	4H	3002547414	NMNM100568	NMNM100568	DEVON
MUSKIE 23-11	9H	3002547419	NMNM100568	NMNM100568	DEVON
MUSKIE 23-11	12H	3002549661	NMNM100568	NMNM100568	DEVON
MUSKIE 23-11	1H	3002547411	NMNM100568	NMNM100568	DEVON
MUSKIE 23-11	3H	3002547413	NMNM100568	NMNM100568	DEVON
MUSKIE 23-11	13H	3002549662	NMNM100568	NMNM100568	DEVON

Notice of Intent

Sundry ID: 2820024

Type of Submission: Notice of Intent

Type of Action: Commingling (Surface)

Date Sundry Submitted: 10/30/2024 Time Sundry Submitted: 02:59

Date proposed operation will begin: 10/16/2024

Procedure Description: APPLICATION FOR COMMINGLING OF CENTRAL TANK BATTERY: Per 43 CFR 3173.14 (a)(1)(i-iv)- (i) Federal lease, unit PA, or CA, where each lease, unit PA, or CA proposed for commingling has 100 percent Federal mineral interest, the same fixed royalty rate and, and the same revenue distribution, Devon Energy Production Company, LP is requesting approval for a Lease/Pool Commingle at the Muskie 23 CTB 4. Please see attached commingle application with supporting documentation.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

 $Muskie_23_CTB_4_Upgrade_Submitted_Commingle_Application_Rev_20241030145503.pdf$

Conditions of Approval

Specialist Review

Surface_Commingling_COA_20241217203943.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: REBECCA DEAL Signed on: OCT 30, 2024 02:55 PM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Professional

Street Address: 333 W SHERIDAN AVE

City: OKLAHOMA CITY State: OK

Phone: (405) 228-8429

Email address: REBECCA.DEAL@DVN.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD **BLM POC Title:** Petroleum Engineer

BLM POC Phone: 5752345972 **BLM POC Email Address:** jshepard@blm.gov

Disposition: Approved **Disposition Date:** 12/17/2024

Signature: Jonathon Shepard

APPLICATION FOR COMMINGLING OF CENTRAL TANK BATTERY

Per 43 CFR 3173.14 (a)(1)(i-iv) - (i) Federal lease, unit PA, or CA, where each lease, unit PA, or CA proposed for commingling has 100 percent Federal mineral interest, the same fixed royalty rate and, and the same revenue distribution

Proposal for Muskie 23 CTB 4

Devon Energy Production Company, LP is requesting approval for a Pool/Lease Commingle for the following wells:

Approved CA NMNM105760150) - NMNM66927 (1	.2.5%), NMNM94118 (12.5%), NMNM100	568 (12.5%)
Well Name	API	Location	Pool
MUSKIE 23-11 FED COM 9H	30-025-47419	F-23-26S-34E - 2316 FNL 1642 FWL	[96661] HARDIN TANK; BONE SPRING
MUSKIE 23-11 FED COM 12H	30-025-49661	F-23-26S-34E - 2316 FNL 1692 FWL	[96661] HARDIN TANK; BONE SPRING
MUSKIE 23-11 FED COM 13H	30-025-49662	F-23-26S-34E - 2316 FNL 1782 FWL	[96661] HARDIN TANK; BONE SPRING

Approved CA NMNM10576014	8 - NMNM66927 (1	.2.5%), NMNM94118 (12.5%), NMNM100	9568 (12.5%)
Well Name	API	Location	Pool
MUSKIE 23-11 FED COM 1H	30-025-47411	E-23-26S-34E - 2485 FNL & 251 FWL	[96776] JABALINA;WOLFCAMP, SOUTHWEST
MUSKIE 23-11 FED COM 2H	30-025-47412	E-23-26S-34E - 2485 FNL & 311 FWL	[96776] JABALINA;WOLFCAMP, SOUTHWEST
MUSKIE 23-11 FED COM 3H	30-025-47413	F-23-26S-34E - 2316 FNL & 1722 FWL	[96776] JABALINA; WOLFCAMP, SOUTHWEST
MUSKIE 23-11 FED COM 4H	30-025-47414	F-23-26S-34E - 2316 FNL & 1752 FWL	[96776] JABALINA; WOLFCAMP, SOUTHWEST

CA's:

Approved CA NMNM105760150 - 800.00 acres in the W/2 of Section 11, W/2 of Section 14, and NW/4 of 23, Township 26 South, Range 34 East, Lea County, New Mexico, Bone Spring Formation

Approved CA NMNM105760148 - 800.00 acres in the W/2 of Section 11, W/2 of Section 14, and NW/4 of 23, Township 26 South, Range 34 East, Lea County, New Mexico, Wolfcamp Formation

Oil & Gas metering:

The Muskie 23 CTB 4 central tank battery is in NW/4 & NE/4, S23, T26S, R34E in Lea County, New Mexico.

Each well flows to its own 3-Phase Separator where the full well stream is separated into independent gas, oil, and water streams.

3-Phase gas flows through an independent and designated orifice meter for rate allocation. The gas then flows into a manifold where it is combined with gas from other 3-Phases. The combined stream flows into the 2-Phase Separator(s), Bubble Tower(s), and/or Streamline(s) for further conditioning. The conditioned gas stream flows through an orifice meter(s) for Federal Measurement Point/Sales/Royalty Payment.

3-Phase oil flows through an independent and designated Coriolis meter for rate allocation. The oil then flows into a manifold where it is combined with oil from other 3-Phases. The combined stream flows into the Heater Treater(s) and then ULPS(s) for further conditioning and then into one of the oil tanks for

storage. The stored oil is pumped into a LACT unit for Federal Measurement Point/Sales/Royalty Payment.

Flash gas from oil conditioning is recovered using compression (VRU). The recovered gas flows through a designated orifice meter for rate allocation.

3-Phase water flows through an independent and designated magnetic meter for rate allocation. The water then flows into a manifold where it is combined with water from other 3-Phases. The combined stream flows into the Gun Barrel(s) for further conditioning and then into one of the water tanks for storage.

The central tank battery has three oil tanks and three water tanks that all wells utilize. All wells have one common gas delivery point(s) on location and one common oil delivery point(s) (LACT) on or directly adjacent to location.

Secondary recovery will utilize recycled or buyback gas for gas lift. The gas is compressed and flows through and individual orifice meter to each wellhead.

Well Name		Individual Mete	rs
well Name	Gas Allocation	Oil Allocation	Water Allocation
MUSKIE 23-11 FED COM 9H	DVN / *	DVN / *	DVN / *
MUSKIE 23-11 FED COM 11H	DVN / *	DVN / *	DVN / *
MUSKIE 23-11 FED COM 2H	DVN / *	DVN / *	DVN / *
MUSKIE 23-11 FED COM 12H	DVN / *	DVN / *	DVN / *
MUSKIE 23-11 FED COM 13H	DVN / *	DVN / *	DVN / *
MUSKIE 23-11 FED COM 3H	DVN / *	DVN / *	DVN / *
MUSKIE 23-11 FED COM 4H	DVN / *	DVN / *	DVN / *
Common Mete	rs		
VRU Allocation	DVN / *	i de la companya de	
Gas FMP	TARGA / *		
Oil FMP	MARATHON / *		

Meter Owner / Serial Number:

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 Coriolis Meter per BLM applicable regulations, notwithstanding further guidance from the local BLM in regards to proving the Coriolis Meter to meet applicable BLM standards. The total of all gas sales meters will be allocated to each well

^{*} Meter serial numbers to be provided after construction of facility.

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 are identical.

Additional information:

- 1. The CAA will not negatively affect the royalty revenue of the federal government.
- 2. A list of all Federal or Indian lease, unit PA, or CA numbers in the proposed Commingling and Allocation Approval (CAA). Please reference page 1.
- 3. A proposed allocation agreement (including allocation of produced water) that includes: Information provided on Allocation Methodology Attachment.
 - a. An allocation methodology
 - b. An example of how the methodology is applied (multiple examples may be included to ensure clarity) Provided on Applied Allocation Spreadsheet Examples Attachment.
 - c. A statement that any allocation meters (non-FMPs) will meet either FMP regulations or API measurement standards:
 - Devon orifice meters installed and maintained for the allocation of gas measurement will meet the requirements set forth in API MPMS Chapter 20.1-2013 and API MPMS Chapter 20.2-2016 as applicable.

When applicable and as recommended in API MPMS 20.1 and 20.2, Devon orifice meters used for allocation measurement upstream of the FMP will meet API MPMS Chapter 14.3.2–2016 specification and installation standard requirements. All orifice plates used for allocation measurement will also meet the API MPMS Chapter 14.3.2–2016 standard for construction and condition. Any electronic flow meter (EFM) installed for allocation measurement will meet the requirements for measurement volume calculations provided in API MPMS Chapter 21.1-2013 Flow Measurement using Electronic Metering Systems – Electronic Gas Measurement. Gas quality determination for Devon allocation measurement will meet the requirements of API Chapter 14.1 and GPA 2166-2017.

Devon Coriolis meters installed and maintained for the allocation of oil measurement will meet the requirements set forth in API MPMS Chapter 20.1-2013 and API MPMS Chapter 20.2-2016 as applicable.

When applicable and as recommended in API MPMS 20.1 and 20.2, Devon will reference API MPMS Chapter 5.6-2013 for guidance when operating Coriolis meters installed for oil allocation measurement applications, temperature measurement will be in accordance with API MPMS Chapter 7, Devon will reference API MPMS Chapter 11.1-2012 for temperature and pressure volume correction factors when appropriate, Calculations of oil quantities will be determined per API MPMS Chapter 12.2.1-2014 as applicable.

- d. A copy of the agreement signed by each operator of each of the leases, unit PAs, or CAs from which production would be included in the CAA (if more than one operator is involved)
- 4. A topographic map of appropriate scale (multiple maps may be included to ensure clarity) that includes: Please see Lease Map

- a. The boundaries of all the leases, unit PAs, or CAs that are proposed for the CAA
- b. The location of all existing or planned facilities
- c. The location of all wells (including API numbers) that are in the proposed CAA
- d. Any piping that will be included in the CAA
- e. The location of all existing or proposed FMPs
- 5. A statement that all leases, unit PAs, or CAs in the proposed CAA are capable of production in paying quantities and documentation to prove the statement.
 - i. Completion Report will provide well test.
- 6. Gas analysis not required operator is applying for a CAA under 3173.14(a)(1))
- 7. A statement on whether the location of the FMP is on lease or off lease.
 - a. On lease FMP: Location is considered to be on lease due to one of the producing leases/CA's/PA's included in the commingle application.
- 8. A statement on whether any new surface disturbance is included as part of the proposed CAA (proposed FMP, associated facilities, etc.). If new surface disturbance is part of the proposal, a surface disturbance sundry must be submitted with a surface use plan of operations.
 - a. There is not any additional surface disturbance for this location.
- 9. Any additional documentation that would be required under 3174.15 (f—i) relating to surface use or right of way grant applications
 - a. There are not any additional right of way grant applications for this location.

Allocation Methodology

PRORATED ALLOCATION

GAS ALLOCATION

Each well has a Wellhead Allocation (WH ALLOC) meter and a Gas Lift Injection (GL INJ) meter. The CTB has a commingled gas Meter (BATT ALLOC or 3rd Party Sales) that measures the volume of gas that leaves the CTB, this meter would be considered the FMP. Any Buy Back meter that measures off-lease gas coming on lease used for gas lift injection from the gathering line would be considered an FMP.

- 1. Buyback is the volume of off-lease gas used for gas lift, compression fuel, and well injection.
- Net Well Production is base amount of production not used for gas lift and is calculated by subtracting gas lift injection (GL INJ) volume from the wellhead allocation (WH ALLOC) meter reading.
- 3. Lease use gas is allocated by theoretical % for each well * total amount of lease use volume.
- 4. Theoretical % used for the allocation of production/sales is calculated by dividing the Net Well Production volume for each well into the sum of the Net Well Production.
- 5. Net CTB Gas is Battery Allocation (BATT ALLOC) or 3rd Party Sales meter measuring commingled CTB gas less any Buy Back. All off lease Buy Back will be metered as an FMP and netted out of the BATT ALLOC FMP metered volume to derive both the Total Net FMP and total Net CTB production.
- 6. Theoretical % for each well is multiplied by the Net CTB Gas.
- 7. HP Flare is volume of gas flared from the CTB, allocated to wells by Theoretical % for each well * HP FL volume.
- 8. VRU measures the gas that flashes from the ultra-low-pressure separator (ULPS) and is piped in upstream of the commingled CTB BATT ALLOC meter. The VRU volume will be allocated based on the same allocation methodology applied for WH ALLOC allocated gas.
- Allocated Production is all gas produced by CTB and is calculated by adding Total Net FMP Volumes+ HP Flare + Lease Use.

OIL ALLOCATION

Each well has an oil meter measuring the volume of oil produced by the well. This volume is used as the allocation point to prorate Allocated Production and Total Sales Volume (FMP) back to each well.

- Allocated production is volume of oil produced by the CTB and is calculated by Ending Tank Inventory + Pipeline LACT (FMP) – Beginning Tank Inventory.
- Available oil for sale is calculated by Pipeline LACT (FMP) + Beginning Tank Inventory.
- 3. Theoretical % is calculated by dividing each oil meter volume into the sum of oil meters.
- 4. The Theoretical % available for sale is the well sales available divided by the total available sales.
- 5. Total Sales Volume is the volume of oil sold through the FMP meter
- 6. Beginning Inventory comes from previous accounting period's Ending Inventory for each well.
- 7. Ending Inventory for each well is calculated by multiplying the theoretical production % by total ending inventory.

WATER ALLOCATION

Each well has a water meter measuring the volume of water produced by the well. This volume is used as the allocation point to prorate Allocated Production and Total Transferred Volume back to each well.

- CTB Allocated production is volume of water produced by the CTB and is calculated by Ending Tank Inventory + Water Transfer – Beginning Tank Inventory.
- 2. CTB Available Water to Transfer is calculated by Water Transfer + Tank Inventory.
- 3. Theoretical % is calculated by dividing each water meter volume into the sum of the water meters.
- 4. The Theoretical % available for transfer for each well is the well production available divided the total Available water.
- 5. Total Transfer Volume is the volume of water metered by the water transfer meter.
- 6. Beginning Inventory comes from previous accounting period's allocated Ending Inventory for each well.
- 7. Ending Inventory for each well is calculated by multiplying the theoretical production % by total ending inventory.

Applied Allocation Spreadsheet Examples

	THE LOCAL PORT	ALINEI CID UA	ALLOCATION MET HOUSE OF USED TO DETERMINE TOTAL WET CIB GAS VOCIME FOR CIB FOR NOTALLY FORMOSES	ID FOR NOTALI	LOW COLO			
Manually entered metered volumes from n	meter statement	_						
Allocated volumes for reporting OGOR	144							
Well Name	Gas WH ALLOC	GL INJ	Net Well Prod (WH-GLI)	Gas Theo % of Prod	Net CTB Gas (Total Net FMP)	Hare	Lease Use	Allocated
	1,795	1,220	575	0.052601847	576	8.36	4.16	588.72
	1,826	1,162	664	0.060687969	999	9.65	4.79	679.22
	1,976	1,458	518	0.047355831	519	7.53	3.74	530.01
	1,641	1,250	391	0.035725745	391	5.68	2.82	399.84
	2,524	2,100	424	0.038766953	425	6.16	3.06	433.88
	1,746	1,254	491	0.044918842	492	7.14	3.55	502.73
	1,783	1,221	563	0.051431800	563	8.18	4.06	575.62
	1,574	1,211	363	0.033190033	364	5.28	2.62	371.46
	1,259	986	273	0.024964053	273	3.97	1.97	279.40
	886	788	200	0.018245423	200	2.90	1.44	204.20
	1,824	1,542	282	0.025786742	282	4.10	2.04	288.61
	1,343	929	414	0.037852854	415	6.02	2.99	423.65
	1,895	1,359	536	0.049005780	537	7.79	3.87	548.47
	2,326	1,493	833	0.076174641	834	12.11	6.02	852.55
	1,870	1,208	662	0.060531658	699	9.62	4.78	677.47
	2,599	1,703	895	0.081845713	768	13.01	6.47	916.02
	2,497	1,989	208	0.046437161	809	7.38	3.67	519.72
	1,968	1,476	491	0.044898732	492	7.14	3.55	502.51
	2,335	1,515	820	0.074915012	821	11.91	5.92	838.45
	1,976	1,500	476	0.043512957	477	6.92	3.44	487.00
	1,461	901	260	0.051150257	260	8.13	4.04	572.47
	39,206	28,266	10,940	1.0000000000	10,954	159	79	11,192
BATT ALLOC/3rd Party	40,053							
BUYBACK	29,099							
NET CTB GAS (TOTAL NET FMP)	10,954							
FLARE	159							
LEASE USE	62							
VRU (included in BALL ALLOC/3rd Party)	350							
GL COMPR (included in BUYBACK)	200							
ALLOCATED DOOD	11 102							

6

ത

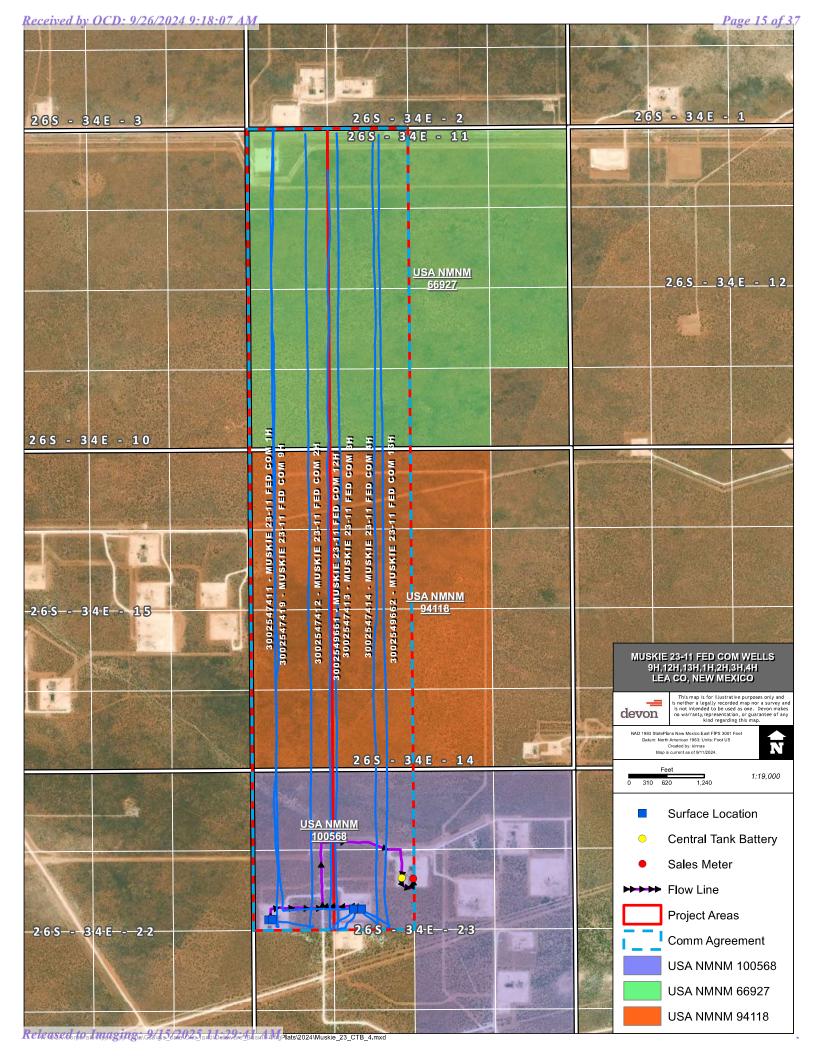
Manually entered metered volumes from meter Allocated volumes for reporting OGOR	om meter	statement						
Well Name	OII WH ALLOC	Oil Theo % of Prod	Alloc Well Production	Available Sales	Oil Theo % Avail for Sale	Allocated Oil Sales (FMP)	Beginning	Ending
	11.00	0.004232055	11.05	21.28	0.004232055	12.70	8.58	6.94
	110,40	0.042474444	110.94	213.56	0.042474444	127	86.14	99'69
	153.98	0.059241077	154.74	297.86	0.059241077	178	120.14	97.16
	160.71	0.061830325	161.50	310.88	0.061830325	185	125.39	101.40
	211.15	0.081236222	212.19	408.46	0.081236222	244	164.75	133.23
	196.11	0.075449848	197.08	379.36	0.075449848	226	153.01	123.74
	182.65	0.070271352	183.55	353.32	0.070271352	211	142.51	115.25
	105.50	0.040589256	106.02	204.08	0.040589256	122	82.32	66.57
	73.80	0.028393243	74.16	142.76	0.028393243	85	57.58	46.56
	134.80	0.051861912	135.46	260.76	0.051861912	156	105.18	85.05
	151.12	0.058140743	151.86	292.33	0.058140743	174	117.91	95.35
	183.12	0.070452176	184.02	354.23	0.070452176	211	142.88	115.54
	94.56	0.036380285	95.03	182.92	0.036380285	109	73.78	59.66
	98.21	0.037784558	69'86	189.98	0.037784558	113	76.63	61.97
	151.91	0.058444681	152.66	293.86	0.058444681	175	118.53	95.85
	170.25	0.065500671	171.09	329.34	0.065500671	197	132.84	107.42
	169.67	0.065277527	170.50	328.22	0.065277527	196	132.38	107.06
	92.60	0.035626210	93.06	179.13	0.035626210	107	72.25	58.43
	10.00	0.003847323	10.05	19.34	0.003847323	12	7.80	6.31
	82.08	0.032733023	85.50	164.58	0.032733023	98	66.38	53.68
	52.59	0.020233071	52.85	101,73	0.020233071	61	41.03	33.18
	2,599	1.0000000000	2,612	5,028	1.0000000000	3,000	2,028	1,640
CTB ALLOCATED PRODUCTION	2,612							
CTB AVAILABLE FOR SALE	5,028							
PIPELINE LACT	3,000							
BEGINNING TANK INVENTORY	2,028							
ENDING TANK INVENTORY	1.640							

Manually entered metered volumes from meter statement	from meter state	ement						
Allocated volumes for reporting OGOR	JR.							
Well Name	WATER WH ALLOC	Oil Theo % of Prod	Alloc Well Production	Total Water Available	Water Theo % Avail To Transfer	Allocated Water Transferred	Beginning Inventory	Ending
	22.00	0.011778815	23.44	34.68	0.011778815	23,56	11.24	11.12
	100.40	0.053754230	106.97	158.25	0.053754230	108	51.28	50.74
	123.51	0.066127340	131,59	194.68	0.066127340	132	63.09	62.42
	125.71	0.067305221	133.94	198.15	0.067305221	135	64.21	63.54
	188.15	0.100735641	200.46	296.57	0.100735641	201	96.10	95.09
	176.20	0.094337602	187.73	277.73	0.094337602	189	90.00	89.05
	152.60	0.081702146	162.59	240.53	0.081702146	163	77.94	77.13
	95.50	0.051130766	101.75	150.53	0.051130766	102	48.78	48.27
	53.50	0.028643937	57.00	84.33	0.028643937	57	27.33	27.04
	120.20	0.064355163	128.07	189.46	0.064355163	129	61.39	60.75
	142.00	0.076026899	151.29	223.82	0.076026899	152	72.53	71.77
	123.12	0.065918533	131.18	194.06	0.065918533	132	65.89	62.23
	34,56	0.018503448	36.82	54.47	0.018503448	37	17.65	17.47
	48.21	0.025811667	51.37	75.99	0.025811667	52	24.62	24.37
	51.91	0.027792650	55.31	81.82	0.027792650	56	26.51	26.24
	70.25	0.037611899	74.85	110.73	0.037611899	75	35.88	35.51
	69.67	0.037301366	74.23	109.82	0.037301366	75	35.59	35.21
	72.60	0.038870090	77,35	114.43	0.038870090	78	37.08	36.69
	10.00	0.005354007	10.65	15.76	0.005354007	11	5.11	5.05
	55.08	0.029489870	58.68	86.82	0.029489870	59	28.13	27.84
	32.59	0.017448709	34.72	51.37	0.017448709	35	16.65	16.47
	1,868	1.0000000000	1,990	2,944	1.0000000000	2,000	954	944
CTB ALLOCATED PRODUCTION	1,990							
CTB AVAILABLE TO TRANSFER	2,944							
WATER TRANSFER METER	2,000							
BEGINNING TANK INVENTORY	954							
ENDING TANK INVENTORY	944							

Legend of all acronyms and abbreviations used in "Additional information" attachment.

- CAA Commingling and Allocation Approval
- PA Participating Area
- CA Communitization agreement
- FMP- Facility measurement point
- API- American Petroleum Institute
- API MPMS Chapter 20.1-2013 API MPMS 20.1, 1st Edition, 1993 Manual of Petroleum Measurement Standards Chapter 20-Allocation Measurement Section 1-Allocation Measurement
- API MPMS Chapter 20.2-2016 API MPMS 20.2, 1st Edition, November 2016 Manual of Petroleum Measurement Standards Chapter 20.2 Production Allocation Measurement Using Single-phase Devices
- API MPMS Chapter 21, Section 1, Flow Measurement Using Electronic Metering Systems— Electronic Gas Measurement; Second Edition, February 2013
- API MPMS Chapter 14.3.2–2016- API MPMS 14.3.2, 5th Edition, March 2016 Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids - Concentric, Square-edged Orifice Meters Part 2: Specification and Installation Requirements
- EFM- electronic flow meter
- API Chapter 14.1 and GPA 2166-2017 Obtaining Natural Gas Samples for Analysis by Gas Chromatography; The purpose of GPA 2166-17 is to recommend procedures for obtaining samples from flowing natural gas streams that represent the composition of the vapor phase portion of the system being analyzed.
- API MPMS Chapter 5.6-2013 API MPMS Chapter 5—Metering, Section 6, Measurement of Liquid Hydrocarbons by Coriolis Meters; First Edition, October 2002; Reaffirmed November 2013
- API MPMS Chapter 7, Temperature Determination; First Edition, June 2001, Reaffirmed February 2012
- API MPMS Chapter 11.1-2012- API MPMS Chapter 11—Physical Properties Data, Section 1, Temperature and Pressure Volume Correction Factors for Generalized Crude Oils, Refined Products and Lubricating Oils; May 2004, Addendum 1 September 2007; Reaffirmed August
- API MPMS Chapter 12.2.1-2014 Calculation of Petroleum Quantities, Section 2, Calculation of Petroleum Quantities Using Dynamic Measurement Methods and Volumetric Correction Factors, Part 1, Introduction; Second Edition, May 1995; Reaffirmed March 2014
- OLM- off lease measurement
- WH ALLOC Wellhead Allocation
- GL INJ Gas Lift Injection
- CTB Centralized Tank Battery
- BATT ALLOC Battery Allocation
- HP Flare/ HP FL High Pressure Flare
- VRU- Vapor Recovery Unit
- ULPS- ultra-low-pressure separator
- CTB BATT ALLOC Centralized Tank Battery, Battery Allocation
- OGOR Oil and Gas Operations Report

- GAS WH ALLOC Gas Wellhead Allocation
- GL INJ Gas Lift injection
- NEW WELL PROD(WH-GLI)- New Well Production (Wellhead Gas Lift Injection)
- GAS THEO % OF PROD Gas Theoretical Percentage of Production
- NET CTB GAS (TOTAL NET FMP) Net Centralized Tank Battery Gas (Total Net Facility measurement point)
- GL COMPR(INCLUDED IN BUYBACK)- Gas Lift Compressor
- ALLOCATED PROD Allocated Production
- OIL WH ALLOC Oil Wellhead Allocation
- OIL THEO % OF PROD Oil Theoretical Percentage of Production
- ALLOC WELL PRODUCTION Allocated Well Production
- OIL THEO % AVAIL FOR SALE Oil Theoretical Percentage Available For Sale
- WATER WH ALLOC- Water Wellhead Allocation
- WATER THEO %AVAIL TO TRANSFER- Water Theoretical Percentage of Available to Transfer



Proposed Federal CA's with lease numbers and allocation percentages per lease

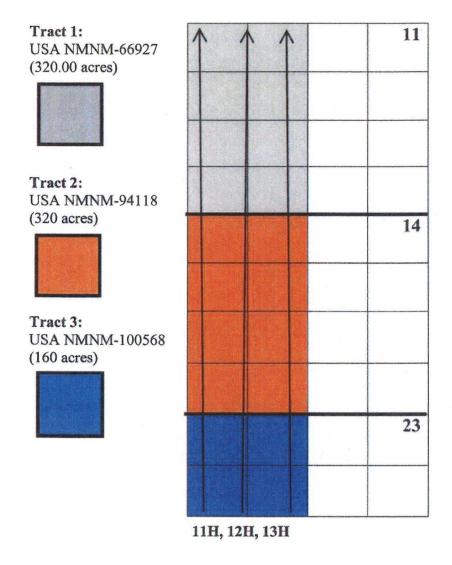
	TOTAL ACRES	NMNM 066927-12.5%	NMNM 094118 -12.5%	NMNM 100568-12.5%
CA: 1	100	40.00%	40.00%	20.00%
800.00 acres in the W/2 of Section 11, W/2 of				
Section 14, and NW/4 of 23, Township 26				
South, Range 34 East, Lea County, New				
Mexico, Bone Spring Formation	800	320	320	160
MUSKIE 23-11 FED COM 9H				
MUSKIE 23-11 FED COM 12H				
MUSKIE 23-11 FED COM 13H				

	TOTAL ACRES	NMNM 066927-12.5%	NMNM 094118 -12.5%	NMNM 100568-12.5%
CA: 2				
800.00 acres in the W/2 of Section 11, W/2 of				
Section 14, and NW/4 of 23, Township 26				
South, Range 34 East, Lea County, New				
Mexico, Wolfcamp Formation	100	40.00%	40.00%	20.00%
	800	320	320	160
MUSKIE 23-11 FED COM 1H				•
MUSKIE 23-11 FED COM 2H				
MUSKIE 23-11 FED COM 3H				
MUSKIE 23-11 FED COM 4H				

EXHIBIT "A"

Attached to and made a part of that Communitization Agreement dated February 1, 2022, covering 800.00 acres in the W/2 of Section 11, W/2 of Section 14, and NW/4 of 23, Township 26 South, Range 34 East, Lea County, New Mexico, Wolfcamp Formation

Operator of Communitized Area: Devon Energy Production Company, L.P.

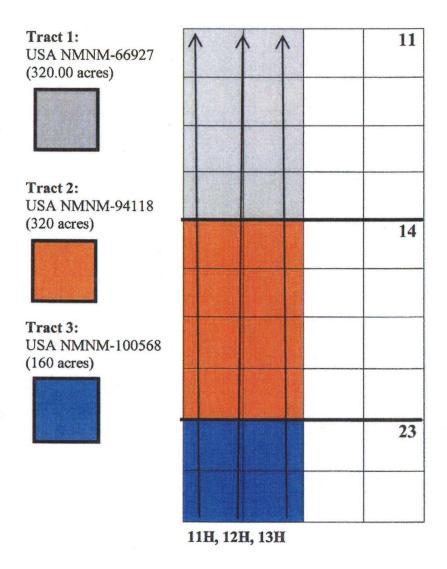


Muskie 23-11 Fed Com 1H, 2H, 3H and 4H

EXHIBIT "A"

Attached to and made a part of that Communitization Agreement dated February 1, 2022, covering 800.00 acres in the W/2 of Section 11, W/2 of Section 14, and NW/4 of 23, Township 26 South, Range 34 East, Lea County, New Mexico, Bone Spring Formation

Operator of Communitized Area: Devon Energy Production Company, L.P.



Run Date/Time: 8/4/2022 10:12 AM Page 1 Of 3

> Serial Number **Total Acres:**

> > NMNM 066927

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:

Serial Number: NMNM-- - 066927

2,480.000

Name & Address			Int Rel	% Interest
DEVON ENERGY PRODUCTION CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	1111 BAGBY ST LBBY 2	HOUSTON TX 770022589	LESSEE	100.000000000

<u>Mer</u>	Twp Rng	Sec S	Type Nr	Suff Subdivision	District/ Field Office	Serial Numb County	er: NMNM 066927 Mgmt Agency
23	0260S 0340E	003 AL	L I Q	W2NE,SENE,W2,SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0260S 0340E	004 AL	L I Q	ALL;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0260S 0340E	009 AL	LIQ	ALL;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0260S 0340E	011 AL	L I Q	N2,SW,NESE,W2SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 066927 Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 066927

Act Date	Act Code	e Action Txt	Action Remarks	Pending Off
06/02/1986	387	CASE ESTABLISHED	SPAR199;	
07/28/1986	888	DRAWING HELD		
10/01/1986	237	LEASE ISSUED		
11/01/1986	496	FUND CODE	05;145003	
11/01/1986	530	RLTY RATE - 12 1/2%		
11/01/1986	868	EFFECTIVE DATE		
11/12/1986	600	RECORDS NOTED		
12/24/1986	963	CASE MICROFILMED/SCANNED	CNUM 559,675 DS	
08/06/1987	111	RENTAL RECEIVED	\$2480.00;1YR/87 - 88	
12/08/1987	974	AUTOMATED RECORD VERIF	VL/LO	
08/01/1988	111	RENTAL RECEIVED	\$2480.00;1YR/88 - 89	
08/17/1989	111	RENTAL RECEIVED	\$2480.00;1YR/89 - 90	
08/30/1990	111	RENTAL RECEIVED	\$2480.00;21/17396	
09/09/1991	111	RENTAL RECEIVED	\$2480.00;21/18122	
09/03/1992	140	ASGN FILED	DEAN/YATES PETRO ETAL	
12/22/1992	139	ASGN APPROVED	EFF 10/01/92;	

Run Date/Time: 8/4/2022 10:12 AM

Page 2 Of 3

Act Date Act Code Action Txt Action Remarks Pending Off 12/22/1992 974 AUTOMATED RECORD VERIF ANN/JS 09/12/1994 111 RENTAL RECEIVED \$2480.00;21/0000000055 09/14/1995 084 RENTAL RECEIVED BY ONRR \$2480.00;21/0000000065 10/25/1996 084 RENTAL RECEIVED BY ONRR \$4960.00;21/000000069 10/31/1996 235 EXTENDED THRU 10/31/98; 12/25/1996 650 HELD BY PROD - ACTUAL /1/ 12/30/1996 974 AUTOMATED RECORD VERIF LBO 02/03/1997 140 ASGN FILED YATES DRLG ETAL/YATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/	Page 2 Of M 06692
09/12/1994 111 RENTAL RECEIVED \$2480.00;21/000000055 09/14/1995 084 RENTAL RECEIVED BY ONRR \$2480.00;21/000000065 10/25/1996 084 RENTAL RECEIVED BY ONRR \$4960.00;21/000000069 10/31/1996 235 EXTENDED THRU 10/31/98; 12/25/1996 650 HELD BY PROD - ACTUAL /1/ 12/25/1997 650 HELD BY PROD - ACTUAL /1/ 02/03/1997 140 ASGN FILED YATES DRLG ETALYATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /3/ 01/20/2001 625 RLTY REDUCTION DENIED /4/ 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974	00002
09/14/1995 084 RENTAL RECEIVED BY ONRR \$2480.00;21/000000065 10/25/1996 084 RENTAL RECEIVED BY ONRR \$4960.00;21/000000069 10/31/1996 235 EXTENDED THRU 10/31/98; 12/25/1996 650 HELD BY PROD - ACTUAL /1/ 12/30/1996 974 AUTOMATED RECORD VERIF LBO 02/03/1997 140 ASGN FILED YATES DRLG ETAL/YATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /3/ 01/20/2001 625 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974	
09/14/1995 084 RENTAL RECEIVED BY ONRR \$2480.00;21/000000065 10/25/1996 084 RENTAL RECEIVED BY ONRR \$4960.00;21/000000069 10/31/1996 235 EXTENDED THRU 10/31/98; 12/25/1996 650 HELD BY PROD - ACTUAL /1/ 12/30/1996 974 AUTOMATED RECORD VERIF LBO 02/03/1997 140 ASGN FILED YATES DRLG ETAL/YATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /3/ 01/20/2001 625 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/17/2005 974 AUTO	
10/25/1996 084 RENTAL RECEIVED BY ONRR \$4960.00;21/000000069 10/31/1996 235 EXTENDED THRU 10/31/98; 12/25/1996 650 HELD BY PROD - ACTUAL /1/ 12/30/1996 974 AUTOMATED RECORD VERIF LBO 02/03/1997 140 ASGN FILED YATES DRLG ETALYATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 01/30/2004 233 LEASE IN UNIT/UNCOMMIT'D MM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 09/25/2006 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV /5/ 02/01/2006 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 625 RLTY REDUCTION APPV /5/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG A RESOU	
10/31/1996 235 EXTENDED THRU 10/31/98; 12/25/1996 650 HELD BY PROD - ACTUAL /1/ 12/30/1996 974 AUTOMATED RECORD VERIF LBO 02/03/1997 140 ASGN FILED YATES DRLG ETAL/YATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV /5/ 02/01/2006 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV /5/ 03/03/2012 266 ELIM BY CONTRACTION MINITION MIN	
12/25/1996 650 HELD BY PROD - ACTUAL /1/ 12/30/1996 974 AUTOMATED RECORD VERIF LBO 02/03/1997 140 ASGN FILED YATES DRLG ETAL/YATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 09/25/2006 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY RED	
12/30/1996 974 AUTOMATED RECORD VERIF LBO 12/03/1997 140 ASGN FILED YATES DRLG ETAL/YATES 12/12/1997 643 PRODUCTION DETERMINATION /1/ 12/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 12/12/1997 139 ASGN APPROVED EFF 03/01/97; 12/12/12/000 625 RLTY REDUCTION APPV /1/ 12/12/12/000 625 RLTY REDUCTION APPV /2/ 12/12/12/000 974 AUTOMATED RECORD VERIF MCS 12/12/12/000 625 RLTY REDUCTION APPV /3/ 11/30/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 12/12/12/12/12/12/12/12/12/12/12/12/12/1	
02/03/1997 140 ASGN FILED YATES DRLG ETAL/YATES 02/12/1997 643 PRODUCTION DETERMINATION /1/ 02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 01/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226	
02/12/1997 643 PRODUCTION DETERMINATION /1/ 02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED NM 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 <	
02/12/1997 658 MEMO OF 1ST PROD-ACTUAL /1/#1 FED DEAN APQ; 04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 05/12/2012 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016	
04/01/1997 139 ASGN APPROVED EFF 03/01/97; 04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED S.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016	
04/01/1997 974 AUTOMATED RECORD VERIF LR 01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES <t< td=""><td></td></t<>	
01/21/2000 625 RLTY REDUCTION APPV /1/ 01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/	
01/21/2000 625 RLTY REDUCTION APPV /2/ 02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
02/02/2000 974 AUTOMATED RECORD VERIF MCS 04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED VATES DRL CO/OXY Y-1 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
04/20/2001 625 RLTY REDUCTION APPV /3/ 11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
11/30/2004 233 LEASE IN UNIT/UNCOMMIT'D NM111796X;RATTLESNAKE 05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
05/24/2005 626 RLTY REDUCTION DENIED /4/ 06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED .3%/7/ 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
06/01/2005 974 AUTOMATED RECORD VERIF BCO 10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
10/17/2005 625 RLTY REDUCTION APPV /5/ 02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
02/01/2006 630 RLTY REDUCTION LIFTED 09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
09/25/2006 625 RLTY REDUCTION APPV 5.3%/7/ 05/12/2011 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 227 AUTOMATED RECORD VERIF JA; 228 AUTOMATED RECORD VERIF JA; 229 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 229 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 220 ABO PETRO/EOG A RESOU	
03/03/2012 226 ELIM BY CONTRACTION NM111796X;RATTLESNAKE 11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
11/27/2012 974 AUTOMATED RECORD VERIF JA; 12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
12/01/2016 940 NAME CHANGE RECOGNIZED YATES PETRO/EOG Y RES 12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
12/01/2016 940 NAME CHANGE RECOGNIZED MYCO INDUST/EOG M RES 12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
12/01/2016 940 NAME CHANGE RECOGNIZED ABO PETRO/EOG A RESOU	
THE ST STATE IN	
02/16/2017 899 TRF OF ORR FILED 1	
07/13/2017 140 ASGN FILED OXY Y-1/EOG RESOURC;1	
10/03/2017 140 ASGN FILED OXY Y-1 C/EOG Y RES;1	
10/20/2017 139 ASGN APPROVED EFF 08/01/17;	
10/20/2017 974 AUTOMATED RECORD VERIF KM	
11/21/2017 139 ASGN APPROVED EFF 11/01/17;	
11/21/2017 974 AUTOMATED RECORD VERIF LBO	
01/01/2019 817 MERGER RECOGNIZED EOG Y/EOG RESOURCE IN	
01/01/2019 817 MERGER RECOGNIZED EOG 1/EOG RESOURCE IN	
01/01/2019 817 MERGER RECOGNIZED EOG A/EOG RESOURCE IN 01/01/2019 817 MERGER RECOGNIZED EOG M/EOG RESOURCE IN	

Run Date/Time: 8/4/2022 10:12 AM

Page 3 Of 3

Act Date	Act Co	ode Action Txt	Action Remarks	Serial Number: NMNM 066927 Pending Off
01/22/2021	932	TRF OPER RGTS FILED	EOG RESOU/DEVON ENE;1	
01/22/2021	932	TRF OPER RGTS FILED	EOG RESOU/DEVON ENE;2	
07/15/2021	933	TRF OPER RGTS APPROVED	EFF 02/01/21; 2	
07/15/2021	933	TRF OPER RGTS APPROVED	EFF 02/01/21; 1	
07/15/2021	974	AUTOMATED RECORD VERIF	DLC	

Line Number	Remark Text	Serial Number: NMNM 066927
0002	PER MMS 11/01/1992 RENTAL PD 10/13/1992 IN THE	
0003	AMOUNT OF \$2480.00.	
0004	PD MMS 11TH YR RENTAL \$4960.00 10/25/96 EARNED;	
0005	07/15/2021 DEVON ENERGY PROD. BOND NMB0000801	
0006	SEE OPERATING RIGHTS WORKSHEET	

Run Date/Time: 8/4/2022 10:13 AM (MASS) Serial Register Page Page 1 Of 3

Serial Number

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: 1,760.000

NMNM 094118

Case File Juris:

Serial Number: N	MNM 094118
------------------	------------

Name & Address				Int Rel	% Interest
DEVON ENERGY CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY O	K 731025010	LESSEE	50.000000000
DEVON ENERGY CO LP	333 W SHER I DAN AVE	OKLAHOMA CITY O	K 731025010	OPERATING RIGHTS	0,000000000
PENWELL ENERGY INC	600 N MARIENFELD #1100	MIDLAND T	X 79701	OPERATING RIGHTS	0.000000000
MCNIC O&G PROPERTIES	1360 POST OAK BLVD	HOUSTON T	X 77056	OPERATING RIGHTS	0.000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND T	X 797062964	LESSEE	50.000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND T	X 797062964	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 094118

Mer	Twp Rng	Sec	SType	Nr	Suff Subdivision	District/ Field Office	County	Mgmt Agency	
23	0260S 0340E	010	ALIQ		NE,SW,NESE,S2SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT	
23	0260S 0340E	011	ALIQ		SESE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT	
23	0260S 0340E	014	ALL		ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT	
23	0260S 0340E	015	ALL		ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT	

Relinquished/Withdrawn Lands Serial Number: NMNM-- - 094118

Serial Number: NMNM-- - 094118

Act Date	Act Code	e Action Txt	Action Remarks	Pending Off
10/18/1994	387	CASE ESTABLISHED	9410064	
10/19/1994	191	SALE HELD		
10/19/1994	267	BID RECEIVED	\$149600.00;	
10/19/1994	392	MONIES RECEIVED	\$3520.00;	
11/01/1994	392	MONIES RECEIVED	\$146080.00;	
11/14/1994	237	LEASE ISSUED		
11/14/1994	974	AUTOMATED RECORD VERIF	SSP/ANN	
12/01/1994	084	RENTAL RECEIVED BY ONRR	\$2640.00;21/MULTIPLE	
12/01/1994	496	FUND CODE	05;145003;	
12/01/1994	530	RLTY RATE - 12 1/2%		
12/01/1994	868	EFFECTIVE DATE		
12/05/1994	600	RECORDS NOTED		

Page 2 Of 3

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

Run Date/Time: 8/4/2022 10:13 AM Serial Number: NMNM-- - 094118

Act Date Act Code Action Txt Action Remarks Pending Off 01/30/1995 932 TRF OPER RGTS FILED SANTA FE ENE/MRL PRTN 02/17/1995 963 CASE MICROFILMED/SCANNED **JDS** 04/27/1995 933 TRF OPER RGTS APPROVED EFF 02/01/95; 04/27/1995 974 AUTOMATED RECORD VERIF JLV 11/06/1995 084 RENTAL RECEIVED BY ONRR \$2640.00;21/00000005 12/08/1995 932 TRF OPER RGTS FILED MRL PARTNERS/PENWELL 03/25/1996 932 TRF OPER RGTS FILED PENWELL/COENERGY 03/27/1996 933 TRF OPER RGTS APPROVED EFF 01/01/96; 03/27/1996 974 AUTOMATED RECORD VERIF MV/MV 07/08/1996 933 TRF OPER RGTS APPROVED EFF 04/01/96; 07/08/1996 974 AUTOMATED RECORD VERIF LR 11/04/1996 084 RENTAL RECEIVED BY ONRR \$2640.00;21/000000005 10/09/1997 084 RENTAL RECEIVED BY ONRR \$2640.00;21/000000005 12/16/1997 817 MERGER RECOGNIZED COENE CEN/MCNIC O&G 12/16/1997 974 AUTOMATED RECORD VERIF **BTM** 11/09/1998 084 RENTAL RECEIVED BY ONRR \$2640.00;21/000000006 01/25/1999 899 TRF OF ORR FILED 01/25/1999 932 TRF OPER RGTS FILED MCNIC O&G/PENWELL 02/10/1999 932 TRF OPER RGTS FILED PENWELL/CONCHO 02/17/1999 933 TRF OPER RGTS APPROVED EFF 02/01/99; 02/17/1999 974 AUTOMATED RECORD VERIF JLV 02/26/1999 933 TRF OPER RGTS APPROVED EFF 03/01/99; 02/26/1999 974 AUTOMATED RECORD VERIF JLV 07/01/1999 940 NAME CHANGE RECOGNIZED SF ENE RES/SF SNYDER 07/01/1999 974 AUTOMATED RECORD VERIF JLV 11/04/1999 084 RENTAL RECEIVED BY ONRR \$3520:21/67 10/11/2000 940 NAME CHANGE RECOGNIZED SANTA FE/DEVON SFS 10/11/2000 974 AUTOMATED RECORD VERIF ΑT 10/16/2000 084 RENTAL RECEIVED BY ONRR \$3520;21/80 08/16/2001 817 MERGER RECOGNIZED CONCHO RES/DEVON ENE 12/12/2002 817 MERGER RECOGNIZED DEVONSFS/DEVONENEPROD 11/30/2004 232 LEASE COMMITTED TO UNIT NM111796X;RATTLESNAKE 04/04/2005 235 **EXTENDED** THRU 11/30/2006; 04/04/2005 974 AUTOMATED RECORD VERIF LBO 11/20/2006 396 TRF OF INTEREST FILED DEVON/CHESAPEAK EXP 03/03/2012 226 **ELIM BY CONTRACTION** NM111796X;RATTLESNAKE 03/03/2012 235 **EXTENDED** THRU 03/03/14; 11/27/2012 140 **ASGN FILED** CHESAPEAK/CHEVRON U;1

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

CHESAPEAK/CHEVRON U;1

932

TRF OPER RGTS FILED

11/27/2012

Run Date/Time: 8/4/2022 10:13 AM

Page 3 Of 3

rtan Bate, mile				Serial Number: NMNM 094118
Act Date	Act Code	Action Txt	Action Remarks	Pending Off
11/27/2012	974	AUTOMATED RECORD VERIF	JA;	
06/03/2013	139	ASGN APPROVED	EFF 12/01/12;	
06/03/2013	933	TRF OPER RGTS APPROVED	EFF 12/01/12;	
06/03/2013	974	AUTOMATED RECORD VERIF	LBO	
02/01/2014	677	SUS OPS OR PROD/PMT REQD	/A/	
02/04/2014	673	SUS OPS/PROD APLN FILED		
02/19/2014	974	AUTOMATED RECORD VERIF	JA	
12/01/2014	246	LEASE COMMITTED TO CA	NMNM134697;	
12/01/2014	678	SUSP LIFTED		
12/18/2014	974	AUTOMATED RECORD VERIF	JA	
01/23/2015	650	HELD BY PROD - ACTUAL	/1/	
01/23/2015	658	MEMO OF 1ST PROD-ACTUAL	/1/NMNM134697;#41434	
06/23/2015	102	NOTICE SENT-PROD STATUS		
06/23/2015	643	PRODUCTION DETERMINATION	/1/	
09/01/2020	246	LEASE COMMITTED TO CA	NMNM142925;	
04/02/2021	658	MEMO OF 1ST PROD-ACTUAL	/2/NMNM142925;#9H	
12/20/2021	643	PRODUCTION DETERMINATION	/2/	
				Cowiel Name hour NIMNIM 004440
Line Number	Remark [*]	Text		Serial Number: NMNM 094118

Run Date/Time: 8/4/2022 10:13 AM (MASS) Serial Register Page Page 1 Of 3

Serial Number

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: 1,920.000

NMNM 100568

Case File Juris:

		S	erial Number:	NMNM 100568
Name & Address			Int Rel	% Interest
DEVON ENERGY CO LP	333 W SHER I DAN AVE	OKLAHOMA CITY OK 731025010	LESSEE	50.000000000

DEVON ENERGY CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OF	731025010	LESSEE	50.000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX	797062964	LESSEE	50,000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX	797062964	OPERATING RIGHTS	0.000000000
DEVON ENERGY CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OF	731025010	OPERATING RIGHTS	0.000000000

							Serial Nu	mber: NMNM 100568
Mer	Twp Rng	Sec	SType	Nr	Suff Subdivision	District/ Field Office	County	Mgmt Agency
23	0260S 0340E	013	ALL		ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0260S 0340E	023	ALL		ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0260S 0340E	026	ALL		ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands Serial Number: NMNM-- - 100568

Serial Number: NMNM-- - 100568

Act Date	Act Co	de Action Txt	Action Remarks	Pending Off	
01/20/1998	387	CASE ESTABLISHED	9801149		
01/21/1998	191	SALE HELD			
01/21/1998	267	BID RECEIVED	\$364800.00;		
01/21/1998	392	MONIES RECEIVED	\$3840.00;		
02/04/1998	392	MONIES RECEIVED	\$360960.00;		
02/13/1998	237	LEASE ISSUED			
02/13/1998	974	AUTOMATED RECORD VERIF	AT		
03/01/1998	496	FUND CODE	05;145003		
03/01/1998	530	RLTY RATE - 12 1/2%			
03/01/1998	868	EFFECTIVE DATE			
03/05/1998	084	RENTAL RECEIVED BY ONRR	\$2880.00;11/MULTIPLE		
03/10/1998	600	RECORDS NOTED			
06/25/1998	963	CASE MICROFILMED/SCANNED			
02/03/1999	084	RENTAL RECEIVED BY ONRR	\$2880.00;21/000000006		
07/01/1999	940	NAME CHANGE RECOGNIZED	SF ENE RES/SF SNYDER		

Page 2 Of 3

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

Run Date/Time: 8/4/2022 10:13 AM (MASS) Serial Register Page

Serial Number: NMNM-- - 100568 **Act Date Act Code Action Txt Action Remarks Pending Off** 07/01/1999 974 AUTOMATED RECORD VERIF JLV 02/04/2000 084 RENTAL RECEIVED BY ONRR \$2880;21/71 10/11/2000 940 NAME CHANGE RECOGNIZED SANTA FE/DEVON SFS 10/11/2000 974 AUTOMATED RECORD VERIF ΑT 03/07/2001 084 RENTAL RECEIVED BY ONRR \$2880;11/84 04/25/2001 791 TERMINAT'N NOTICE ISSUED CLASS I; 04/25/2001 974 AUTOMATED RECORD VERIF **GSB** 05/14/2001 284 REINSTATEMENT FILED CLASS I; 05/22/2001 282 REINSTATEMENT APPROVED CLASS | EFF 03/01/01; 05/22/2001 974 AUTOMATED RECORD VERIF LBO 12/12/2002 817 MERGER RECOGNIZED DEVONSFS/DEVONENEPROD 11/30/2004 232 LEASE COMMITTED TO UNIT NM111796X;RATTLESNAKE 01/08/2006 650 HELD BY PROD - ACTUAL /1/ 01/08/2006 658 MEMO OF 1ST PROD-ACTUAL /1/#1 RATTLESNAKE; 03/14/2006 643 PRODUCTION DETERMINATION /1/ 11/20/2006 396 TRF OF INTEREST FILED **DEVON/CHESAPEAKE EXP** 11/27/2012 140 ASGN FILED CHESAPEAK/CHEVRON U;1 11/27/2012 932 TRF OPER RGTS FILED CHESAPEAK/CHEVRON U;1 01/01/2013 235 **EXTENDED** THRU 01/01/15; 01/01/2013 336 **UNIT AGRMT TERMINATED** NM111796X;RATTLESNAKE 01/23/2013 974 AUTOMATED RECORD VERIF JA; 02/01/2013 246 LEASE COMMITTED TO CA NMNM132796; 02/01/2013 658 MEMO OF 1ST PROD-ACTUAL /2/NMNM132796;#40912 06/03/2013 139 **ASGN APPROVED** EFF 12/01/12; EFF 12/01/12; 06/03/2013 933 TRF OPER RGTS APPROVED 06/03/2013 974 AUTOMATED RECORD VERIF **LBO** 06/30/2014 643 PRODUCTION DETERMINATION /2/30-025-40912; 04/01/2015 393 **DEC ISSUED** CORRECTION TO RT 04/01/2015 974 AUTOMATED RECORD VERIF **LBO** 11/30/2015 932 TRF OPER RGTS FILED DEVON ENE/CHEVRON U;1 12/16/2015 933 TRF OPER RGTS APPROVED EFF 12/01/15; 12/16/2015 974 AUTOMATED RECORD VERIF **LBO** 06/01/2018 246 LEASE COMMITTED TO CA NMNM 139116; 06/01/2018 246 LEASE COMMITTED TO CA NMNM 139117;

Line Number	Remark Text	Serial Number: NMNM 100568
0002	RECORD TITLE INTEREST OWNERS:	

0003 T.26S., R34E.NMPM LEA CO NM;

Run Date/Time: 8/4/2022 10:13 AM (MASS) Serial Register Page Page 3 Of 3

Line Number	Remark Text	Serial Number: NMNM 100568
0004	SEC. 13: ALL;	
0005	SEC. 23: ALL;	
0006	SEC. 26: ALL;	
0007	DEVON ENERGY PROD CO LP 50%;	
0008	CHEVRON USA INC 50%;	

Run Date/Time: 10/30/2024 14:38 PM

Single Serial Number Report NMNM105/60148 Page 1 of 2
Authority Serial Number

02-25-1920;041STAT0437;30USC181;MINERAL LEASING

ACT OF 1920

NMNM105760148

Agreement Acres 800.0000

Legacy Serial No

Product Type: 318310 O&G COMMUNITIZATION AGREEMENT

Commodity: Oil & Gas

Oil & Gas

Case Disposition: AUTHORIZED

Case File Jurisdiction:

CASE DETAILS					NMNM105760148
MLRS Case Ref	C-8350589				
Case Name					
Unit Agreement Name					
		Split Estate		Fed Min Interest	
Effective Date	02/01/2022	Split Estate Acres		Future Min Interest	No
Expiration Date		Royalty Rate		Future Min Interest Date	
Land Type	Federal-All Rights	Royalty Rate Other		Acquired Royalty Interest	
Formation Name	Wolfcamp	Approval Date		Held In a Producing Unit	No
Parcel Number	·	Sale Date		Number of Active Wells	
Parcel Status		Sales Status			
		Total Bonus Amount	0.00	Production Determination	Non-Producing
Related Agreement		Tract Number		Lease Suspended	No
Application Type		Fund Code		Total Rental Amount	

CASE CUSTOMERS NMNM105760148

Name & Mailing Address Interest Relationship Percent Interest

DEVON ENERGY PRODUCTION 333 W SHERIDAN AVE OKLAHOMA CITY OK 73102 OPERATOR 100.000000

COMPANY LP

LAND RECORDS									NMNM105760148
Mer	Twp	Rng	Sec	Survey Type	Survey Number	Subdivision	District / Field Office	County	Mgmt Agency
23	0260S	0340E	011	Aliquot		W2	PECOS DISTRICT OFFICE CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MANAGEMENT, ST
23	0260S	0340E	014	Aliquot		W2	PECOS DISTRICT OFFICE CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MANAGEMENT
23	0260S	0340E	023	Aliquot		NW	PECOS DISTRICT OFFICE CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MANAGEMENT

CASE ACTIONS									
Action Date	Date Filed	Action Name	Action Status	Action Information					
02/01/2022 02/01/2022 04/15/2022 08/08/2024	02/01/2022 02/01/2022 04/15/2022 08/08/2024	EFFECTIVE DATE MAINTAIN CASE LANDS AGREEMENT FILED AGREEMENT / PA APPROVED	APPROVED/ACCEPTED APPROVED/ACCEPTED APPROVED/ACCEPTED APPROVED/ACCEPTED	Case Action Status Date: 2022-04-27					

ASSOCIATED AGREEMENT OR LEASE (RECAPITULATION TABLE) INFO

Run Date/Time: 10/30/2024 14:38 PM

Single Serial Number Report

NMNM105760148 Page 2 of 2

Lease Serial Number	Lease Legacy Serial Number	Case Disposition	Product Name	Type	Tract No	Commit- ment Status	Commit- ment Status Effective Date	Acres	Allocation Percent
NMNM105556675	NMNM 066927	AUTHORIZED	O&G SIMULTANEOUS PUBLIC DOMAIN LEASE	FEDERAL	01			320.0000	40.000000
NMNM105414561	NMNM 094118	AUTHORIZED	O&G COMPETITIVE PUBLIC DOMAIN LEASE POST 1987	FEDERAL	02			320.0000	40.000000
NMNM105412705	NMNM 100568	AUTHORIZED	O&G COMPETITIVE PUBLIC DOMAIN LEASE POST 1987	FEDERAL	03			160.0000	20.000000
							TOTAL	800.0000	100.000000

Run Date/Time: 10/30/2024 14:41 PM

Single Serial Number Report Page 1 of 2

Serial Number **Authority**

02-25-1920;041STAT0437;30USC181;MINERAL LEASING

NMNM105760150 **ACT OF 1920**

Agreement **Acres Legacy Serial No** 800.0000

Product Type: 318310 O&G COMMUNITIZATION AGREEMENT

Case File Jurisdiction: Commodity: Oil & Gas

Case Disposition: AUTHORIZED

CASE DETAILS					NMNM105760150
MLRS Case Ref	C-8350591				
Case Name					
Unit Agreement Name					
		Split Estate		Fed Min Interest	
Effective Date	02/01/2022	Split Estate Acres		Future Min Interest	No
Expiration Date		Royalty Rate		Future Min Interest Date	
Land Type	Federal-All Rights	Royalty Rate Other		Acquired Royalty Interest	
Formation Name	Bone Spring	Approval Date		Held In a Producing Unit	No
Parcel Number		Sale Date		Number of Active Wells	
Parcel Status		Sales Status			
		Total Bonus Amount	0.00	Production Determination	Producing
Related Agreement		Tract Number		Lease Suspended	No
Application Type		Fund Code		Total Rental Amount	

CASE CUSTOMERS	NMNM105760150
----------------	---------------

Interest Relationship Name & Mailing Address Percent Interest

DEVON ENERGY PRODUCTION 333 W SHERIDAN AVE OKLAHOMA CITY OK 73102 **OPERATOR** 100.000000

COMPANY LP

NMNM105760150 LAND RECORDS

Mer	Twp	Rng	Sec	Survey Type	Survey Number	Subdivision	District / Field Office	County	Mgmt Agency
23	0260S	0340E	011	Allotment		W2			
23 23	0260S 0260S	0340E 0340E	014 023	Aliquot Aliquot		W2 NW			

CASE ACTIO	NS			NMNM105760150
Action Date	Date Filed	Action Name	Action Status	Action Information
10/10/2019		PRODUCTION DETERMINATION	APPROVED/ACCEPTED	Production Determination Status: First Production Formation: WOLFCAMP Well Name: PLATINUM MDPI 34 3 FED COM 172H Well Number: 3001545231 First Production Date: 2019-10-10
02/01/2022 02/01/2022 04/15/2022 04/15/2022 08/08/2024	02/01/2022 02/01/2022 04/15/2022 04/15/2022 08/08/2024	EFFECTIVE DATE EFFECTIVE DATE ADD CASE LANDS AGREEMENT FILED AGREEMENT / PA APPROVED	APPROVED/ACCEPTED APPROVED/ACCEPTED APPROVED/ACCEPTED APPROVED/ACCEPTED APPROVED/ACCEPTED	Case Action Status Date: 2022-04-27 Case Action Status Date: 2022-04-27

ASSOCIATED AGREEMENT OR LEASE (RECAPITULATION TABLE) INFO

Page 2 of 2

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

Run Date/Time: 10/30/2024 14:41 PM

Single Serial Number Report

NMNM105760150

Lease Serial Number	Lease Legacy Serial Number	Case Disposition	Product Name	Type	Tract No	Commit- ment Status	Commit- ment Status Effective Date	Acres	Allocation Percent
Number	Serial Number	Disposition	r roduct Name	туре	110	Status	Date	Acies	reicent
NMNM105556675	NMNM 066927	AUTHORIZED	O&G SIMULTANEOUS PUBLIC DOMAIN LEASE	FEDERAL	01			320.0000	40.000000
NMNM105414561	NMNM 094118	AUTHORIZED	O&G COMPETITIVE PUBLIC DOMAIN LEASE POST 1987	FEDERAL	02			320.0000	40.000000
NMNM105412705	NMNM 100568	AUTHORIZED	O&G COMPETITIVE PUBLIC DOMAIN LEASE POST 1987	FEDERAL	03			160.0000	20.000000
							TOTAL	800.0000	100.000000



Devon Energy 333 West Sheridan Avenue Oklahoma City, OK 73102-5015 405 228 8788 Phone www.devonenergy.com

September 11th, 2024

New Mexico Oil Conversation Division 1120 South Saint Francis Drive Santa Fe, NM 87504

RE:

Muskie 23 Facility 4
Section 23-26S-34E
Lea County, New Mexico

Mr. McClure:

Devon Energy Production Company, L.P. ("Devon") desires to surface commingle the wells listed below. Upon review of the title information and Devon's records, please be advised that ownership in each well is identical.

Well Name	API	Location	Pool
MUSKIE 23-11 FED COM 9H	30-025-47419	F-23-26S-34E - 2316 FNL 1642 FWL	[96661] HARDIN TANK; BONE SPRING
MUSKIE 23-11 FED COM 12H	30-025-49661	F-23-26S-34E - 2316 FNL 1692 FWL	[96661] HARDIN TANK; BONE SPRING
MUSKIE 23-11 FED COM 13H	30-025-49662	F-23-26S-34E - 2316 FNL 1782 FWL	[96661] HARDIN TANK; BONE SPRING

Well Name	API	Location	Pool
			[96776] JABALINA;WOLFCAMP,
MUSKIE 23-11 FED COM 1H	30-025-47411	E-23-26S-34E - 2485 FNL & 251 FWL	SOUTHWEST
			[96776] JABALINA;WOLFCAMP,
MUSKIE 23-11 FED COM 2H	30-025-47412	E-23-26S-34E - 2485 FNL & 311 FWL	SOUTHWEST
		F-23-26S-34E - 2316 FNL & 1722	[96776] JABALINA; WOLFCAMP,
MUSKIE 23-11 FED COM 3H	30-025-47413	FWL	SOUTHWEST
		F-23-26S-34E - 2316 FNL & 1752	[96776] JABALINA;WOLFCAMP,
MUSKIE 23-11 FED COM 4H	30-025-47414	FWL	SOUTHWEST

If you have any questions, please feel free to contact me directly at 405-228-8788.

Sincerely,

David Broussard

Senior Staff Landman

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

APPLICATION FOR SURFACE COMMINGLING SUBMITTED BY DEVON ENERGY PRODUCTION COMPANY, LP

ORDER NO. PLC-1025

ORDER

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

FINDINGS OF FACT

- 1. Devon Energy Production Company, LP ("Applicant") submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells as described in Exhibit A ("Application").
- 2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
- 3. Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7 B. NMAC.
- 4. Applicant provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.
- 5. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
- 6. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease as described in Exhibit A.

CONCLUSIONS OF LAW

- 7. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
- 8. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10 A.(2) NMAC, 19.15.12.10 C.(4)(c) NMAC, and 19.15.12.10 C.(4)(e) NMAC, as applicable.
- 9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9 A.(5) NMAC and 19.15.23.9 A.(6) NMAC, as applicable.

Order No. PLC-1025 Page 1 of 3

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

ORDER

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

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells as described in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

- 2. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
- 3. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling it with production from another well.
- 4. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
- 5. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8 B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8 E. NMAC.
- 6. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10 C.(2) NMAC.

Order No. PLC-1025 Page 2 of 3

- 7. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
- 8. If a well is not included in Exhibit A but produces from a pool and lease as described in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
- 9. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
- 10. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
- 11. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

DATE: 9/12/2025

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

ALBERT C. S. CHANG

Albert Chang

DIRECTOR

Order No. PLC-1025 Page 3 of 3

State of New Mexico Energy, Minerals and Natural Resources Department

Exhibit A

Order: PLC-1025

Operator: Devon Energy Production Company, LP (6137)

Central Tank Battery: Muskie 23 Central Tank Battery 4

Central Tank Battery Location: UL F, Section 23, Township 26 South, Range 34 East Gas Title Transfer Meter Location: UL F, Section 23, Township 26 South, Range 34 East

Pools

Pool Name Pool Code
HARDIN TANK;BONE SPRING 96661

JABALINA;WOLFCAMP, SOUTHWEST 96776

Leases as defined in 19.15.12.7(C) NMAC

Leases as defined in 17.13.12.7(C) WHAC				
UL or Q/Q	S-T-R			
W2	11-26S-34E			
W2	14-26S-34E			
NW4	23-26S-34E			
W2	11-26S-34E			
W2	14-26S-34E			
NW4	23-26S-34E			
	W2 W2 NW4 W2 W2			

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
		W2	11-26S-34E	
30-025-47419	MUSKIE 23 11 FEDERAL COM #009H	W2	14-26S-34E	96661
		NW4	23-26S-34E	
		W2	11-26S-34E	
30-025-49661	MUSKIE 23 11 FEDERAL COM #012H	W2	14-26S-34E	96661
		NW4	23-26S-34E	
		W2	11-26S-34E	
30-025-49662	MUSKIE 23 11 FEDERAL COM #013H	W2	14-26S-34E	96661
		NW4	23-26S-34E	
		W2	11-26S-34E	
30-025-47411	MUSKIE 23 11 FEDERAL COM #001H	W2	14-26S-34E	96776
		NW4	23-26S-34E	
	MUSKIE 23 11 FEDERAL COM #002H	W2	11-26S-34E	
30-025-47412		W 2	14-26S-34E	96776
		NW4	23-26S-34E	
	MUSKIE 23 11 FEDERAL COM #003H	W2	11-26S-34E	
30-025-47413		W 2	14-26S-34E	96776
		NW4	23-26S-34E	
		W2	11-26S-34E	
30-025-47414	MUSKIE 23 11 FEDERAL COM #004H	W2	14-26S-34E	96776
		NW4	23-26S-34E	

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 387156

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	387156
	Action Type:
	[C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By		Condition Date
sarah.clelland	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please email us at OCD.Engineer@emnrd.nm.gov.	9/15/2025