

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable, New Well and Recompleted Well

Amend C-104

- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☒ Production Casing or Liner

30-D15-45460

Amend Missing Rig Release date?

☐ Applicable Order (NSL, NSP, Other _____)

☐ Deviation Survey for Vertical Wells

☒ Directional Survey *Certified & Complete*

☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

☒ C-103 Completion Sundry (or BLM equivalent)

☐ C-105 Completion Report (or BLM equivalent)

☐ All Logs Run on Well

If you have any questions please contact the local OCD District Office

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104

Revised August 1, 2011

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

NOV 26 2019

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

CONFIDENTIAL

Submit one copy to appropriate District Office
AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 10/14/19
⁴ API Number 30-015-45460	⁵ Pool Name PURPLE SAGE; WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code 322920	⁸ Property Name SPUD MUFFIN 31-30 FED COM	⁹ Well Number 621H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	23S	29E		270	South	1245	West	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	30	23S	29E		24	North	346	West	EDDY

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/14/19	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil

IV. Well Completion Data

²¹ Spud Date 1/20/19	²² Ready Date 10/14/19	²³ TD 20252	²⁴ PBDT 20188	²⁵ Perforations 10079 - 20063	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	415	720 SX CLC; Circ 445		
10.625	8.625	9241	1270 SX CLC		
7.875	5.5	20238	2635 SX CLC ; Circ 565		
	Tubing: 0	0			

V. Well Test Data

³¹ Date New Oil 10/14/19	³² Gas Delivery Date 10/14/19	³³ Test Date 10/26/19	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 2484 psi	³⁶ Csg. Pressure 2494 psi
³⁷ Choke Size	³⁸ Oil 2070 bbl	³⁹ Water 7145 bbl	⁴⁰ Gas 3545 mcf		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: Erin Workman

Title: Regulatory Analyst

E-mail Address: Erin.Workman@dmn.com

Date: 11/22/2019 Phone: 405-552-7970

OIL CONSERVATION DIVISION

Approved:

Title:

Approv

DENIED
See Attached Cover Sheet

ARTESIA DISTRICT

NOV 26 2019

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

AMENDED REPORT

As Drilled

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45460	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 322920	⁵ Property Name SPUD MUFFIN 31-30 FED COM	⁶ Well Number 621H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 2959.7

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	23 S	29 E		270	SOUTH	1245	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	30	23 S	29 E		24	NORTH	346	WEST	EDDY

¹² Dedicated Acres 632.38	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SW CORNER SEC. 30
LAT. = 32.2836076°N
LONG. = 104.0322470°W

NWSP EAST (FT)
N = 467039.80
E = 634382.44

W/4 CORNER SEC. 30
LAT. = 32.2762567°N
LONG. = 104.0322531°W

NWSP EAST (FT)
N = 464365.66
E = 634388.03

SECTION CORNER
LAT. = 32.2689439°N
LONG. = 104.0322843°W

NWSP EAST (FT)
N = 461705.34
E = 634385.85

W/4 CORNER SEC. 31
SCALED

SW CORNER SEC. 31
LAT. = 32.2543216°N
LONG. = 104.0323498°W

NWSP EAST (FT)
N = 456385.89
E = 634380.54

NE CORNER SEC. 30
LAT. = 32.2831544°N
LONG. = 104.0155278°W

NWSP EAST (FT)
N = 466889.85
E = 639549.68

E/4 CORNER SEC. 30
SCALED

SECTION CORNER
LAT. = 32.2686163°N
LONG. = 104.0155239°W

NWSP EAST (FT)
N = 461601.10
E = 639566.56

E/4 CORNER SEC. 31
LAT. = 32.2613968°N
LONG. = 104.0153807°W

NWSP EAST (FT)
N = 458974.88
E = 639618.59

SE CORNER SEC. 31
LAT. = 32.2541772°N
LONG. = 104.0152375°W

NWSP EAST (FT)
N = 456348.63
E = 639670.65

SPUD MUFFIN 31-30
FED COM 6218
ELEV. = 2959.
LAT. = 32.255298°N (NAD83)
LONG. = 104.0283200°W

FIRST TAKE POINT
464' FSL, 285' FWL
LAT. = 32.2555896°N
LONG. = 104.0314222°W

KICK OFF POINT
1' FSL, 208' FWL
LAT. = 32.2543170°N
LONG. = 104.0316764°W

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SW CORNER SEC. 31
LAT. = 32.2543216°N
LONG. = 104.0323498°W

NWSP EAST (FT)
N = 456385.89
E = 634380.54

Intent ☐ As Drilled ☒

API #

Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: SPUD MUFFIN 31-30 FED COM	Well Number 621H
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Kick Off Point (KOP)

UL M	Section 31	Township 23S	Range 29E	Lot 4	Feet 1	From N/S SOUTH	Feet 208	From E/W WEST	County EDDY
Latitude 32.2543170					Longitude 104.0316764			NAD 83	

First Take Point (FTP)

UL M	Section 31	Township 23S	Range 29E	Lot 4	Feet 464	From N/S SOUTH	Feet 285	From E/W WEST	County EDDY
Latitude 32.2555896					Longitude 104.0314222			NAD 83	

Last Take Point (LTP)

UL D	Section 30	Township 23S	Range 29E	Lot 1	Feet 213	From N/S NORTH	Feet 338	From E/W WEST	County EDDY
Latitude 32.2829914					Longitude 104.0311545			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ NO

Is this well an infill well? ☐ YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-45266	Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP	Property Name: SPUD MUFFIN 31-30 COM	Well Number 622H
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KZ 06/29/2018



Total Directional
Services, LLC
USA Operations

Final MWD Survey Certification

NM OIL CONSERVATION

ARTESIA DISTRICT

NOV 26 2019

RECEIVED

Eddy County, New Mexico

Client: Devon Energy

Well Name: Spud Muffin 31-30 Fed Com 621H

Total Job No: 2019-176-103

API No: 30-025-45460

Start Date: 3/10/2019

End Date: 3/15/2019

Measured Start Depth: 9191 feet

Measured End Depth with PTB: 13236 feet

I, Blair Kenzle, MWD Operator, hereby certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: 3/15/2019

Signed: Blair Kenzle

Tie In	9191	1.58	197.4	9090.1	-261.08	-1036.45	-261.08	0.17
99	9243	1.4	205.3	9142.08	-262.34	-1036.94	-262.34	0.52
100	9326	2.1	325.7	9225.06	-262	-1038.23	-262	3.68
101	9420	11.5	2.7	9318.32	-251.19	-1038.76	-251.19	10.53
102	9514	22.8	21.9	9408.06	-224.83	-1031.5	-224.83	13.29
103	9561	30.1	25.1	9450.11	-205.68	-1023.09	-205.68	15.82
104	9608	35	20.4	9489.72	-182.36	-1013.38	-182.36	11.73
105	9655	40.2	13	9526.97	-154.91	-1005.26	-154.91	14.64
106	9702	45.3	6.4	9561.49	-123.49	-999.98	-123.49	14.43
107	9749	50.7	5.6	9592.92	-88.77	-996.34	-88.77	11.56
108	9796	55	6.2	9621.3	-51.52	-992.49	-51.52	9.21
109	9843	58.8	7.5	9646.96	-12.43	-987.78	-12.43	8.41
110	9890	63.2	8.5	9669.74	28.26	-982.06	28.26	9.54
111	9937	66.6	8.5	9689.68	70.35	-975.77	70.35	7.23
112	9985	67.6	8	9708.36	114.11	-969.42	114.11	2.29
113	10032	67.2	6	9726.42	157.17	-964.13	157.17	4.02
114	10079	71.9	5.4	9742.84	200.98	-959.77	200.98	10.07
115	10126	76.8	5.6	9755.51	246.01	-955.43	246.01	10.43
116	10173	80.3	5.6	9764.84	291.85	-950.93	291.85	7.45
117	10220	81.3	6.4	9772.35	337.99	-946.08	337.99	2.71
118	10266	82.2	5.1	9778.96	383.29	-941.52	383.29	3.41
119	10360	88.3	2.4	9786.74	476.71	-935.41	476.71	7.09
120	10454	91.1	3	9787.23	570.6	-930.98	570.6	3.05
121	10548	90.6	2.3	9785.83	664.48	-926.64	664.48	0.92
122	10642	89.2	2	9786	758.41	-923.11	758.41	1.52
123	10736	89.6	2.9	9786.98	852.32	-919.09	852.32	1.05
124	10830	90	3.3	9787.31	946.18	-914.01	946.18	0.6
125	10924	90.6	4	9786.82	1039.99	-908.03	1039.99	0.98
126	11018	89.4	4.3	9786.82	1133.74	-901.22	1133.74	1.32
127	11112	89.4	1.2	9787.8	1227.62	-896.71	1227.62	3.3
128	11206	89.6	357.7	9788.62	1321.6	-897.62	1321.6	3.73
129	11300	87.3	357	9791.17	1415.45	-901.96	1415.45	2.56
130	11394	88.5	357	9794.61	1509.26	-906.88	1509.26	1.28
131	11488	88.5	356.7	9797.07	1603.09	-912.04	1603.09	0.32
132	11582	87.5	356.3	9800.35	1696.85	-917.77	1696.85	1.15
133	11676	87.7	356.5	9804.29	1790.58	-923.67	1790.58	0.3
134	11770	91.3	358.1	9805.11	1884.46	-928.1	1884.46	4.19
135	11864	92.1	358.5	9802.32	1978.37	-930.89	1978.37	0.95

136	11958	92	358.2	9798.96	2072.27	-933.59	2072.27	0.34
137	12052	92.1	358.4	9795.59	2166.17	-936.38	2166.17	0.24
138	12146	92.3	358.3	9791.99	2260.06	-939.08	2260.06	0.24
139	12240	91.1	359.2	9789.2	2354	-941.13	2354	1.6
140	12334	88.9	0.3	9789.2	2447.99	-941.54	2447.99	2.62
141	12428	88.3	0.3	9791.49	2541.96	-941.05	2541.96	0.64
142	12522	89.4	0.5	9793.38	2635.94	-940.39	2635.94	1.19
143	12616	89.2	359.8	9794.53	2729.93	-940.15	2729.93	0.77
144	12710	87.7	359.6	9797.07	2823.89	-940.64	2823.89	1.61
145	12804	90.6	359.5	9798.47	2917.87	-941.38	2917.87	3.09
146	12898	91.6	359.6	9796.66	3011.85	-942.12	3011.85	1.07
147	12992	91.5	359.3	9794.12	3105.81	-943.02	3105.81	0.34
148	13086	90.9	1.4	9792.15	3199.78	-942.44	3199.78	2.32
149	13179	90.2	1.8	9791.26	3292.74	-939.85	3292.74	0.87
PTB	13236	90.2	1.8	9791.06	3349.71	-938.06	3349.71	0