

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

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

Form C-104
Revised August 1, 2011

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 / 10/7/20
⁴ API Number 30-025-46431	⁵ Pool Name WC-025 G-06 S253206M; Bone Spring	⁶ Pool Code 97899 KZ
⁷ Property Code 326166	⁸ Property Name MUSTANG 8-17 FED	⁹ Well Number 235H

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
F	8	25S	32E		2468	North	1375	West	Lea

¹¹ Bottom Hole Location

UL or lot no. M	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	17	25S	32E		81	South	901	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/7/20	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date	SL			

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
371960	Lucid Energy Delaware, LLC 3100 McKinnon St., Ste. 800, Dallas, TX 75201	Gas
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil

IV. Well Completion Data

²¹ Spud Date 12/18/19	²² Ready Date 10/7/20	²³ TD 17,683'	²⁴ PBDT 17,660'	²⁵ Perforations 10407 - 17651	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	769'	570 sx CIA; Circ 102 sx		
12.25	9.625	4679'	695 sx CIA; Circ 178 sx		
8.75 & 8.5	5.5	17,660'	1830 sx CI POZ MIX; Circ 0 sx		
	Tubing:	0			

V. Well Test Data

³¹ Date New Oil 10/28/20	³² Gas Delivery Date 10/28/20	³³ Test Date 10/28/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure 941 psi
³⁷ Choke Size	³⁸ Oil 2174 bbl	³⁹ Water 3742 bbl	⁴⁰ Gas 3845 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: 			OIL CONSERVATION DIVISION		
Printed name: Rebecca Deal			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: LM II		
E-mail Address: Rebecca.Deal@dvn.com			Approval Date: 3/11/2021		
Date: 11/06/2020		Phone: 405-228-8429	FILE 3160-4 COMPLETION REPORT WITHIN 10 DAYS TO NMOCD AFTER BLM APPROVAL.		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46431	² Pool Code 97899	³ Pool Name WC-025 G-06 S253206M; BONE SPRING KZ
⁴ Property Code 326166	⁵ Property Name MUSTANG 8-17 FED	⁶ Well Number 235H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3438.1

¹⁰ Surface Location

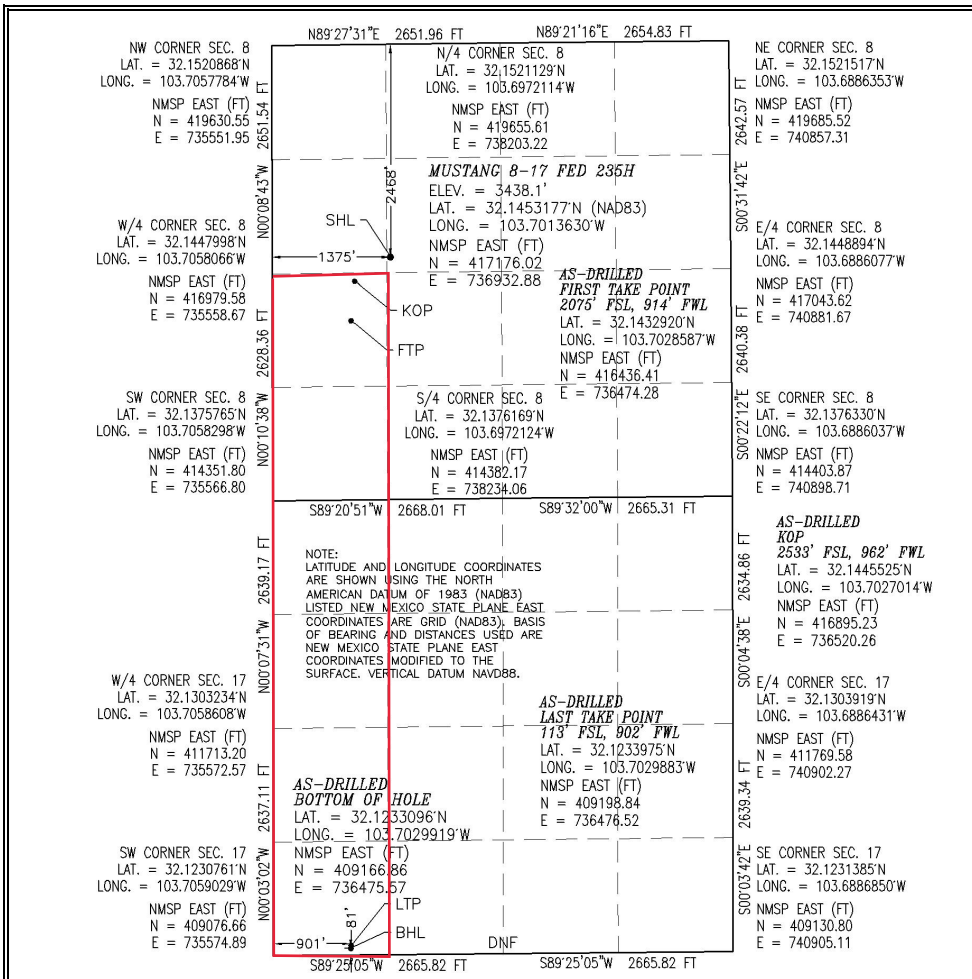
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	8	25 S	32 E		2468	NORTH	1375	WEST	LEA

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
M	17	25 S	32 E		81	SOUTH	901	WEST	LEA

¹² Dedicated Acres 240	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.

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal **11/2/2020**
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

rebecca.deal@dvn.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 1, 2019

Date of Survey

William F. Jaramila
Signature and Seal of Professional Surveyor
Certificate Number: **12797**
WILLIAM F. JARAMILA, SURVEYOR, No. 7005A

Intent ☐ As Drilled ☒

API # 30-025-46431		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: MUSTANG 8-17 FED	Well Number 235H

Kick Off Point (KOP)

UL L	Section 8	Township 25S	Range 32E	Lot	Feet 2533	From N/S SOUTH	Feet 962	From E/W WEST	County LEA
Latitude 32.1445525					Longitude 103.7027014			NAD 83	

First Take Point (FTP)

UL L	Section 8	Township 25S	Range 32E	Lot	Feet 2075	From N/S SOUTH	Feet 914	From E/W WEST	County LEA
Latitude 32.1432920					Longitude 103.7028587			NAD 83	

Last Take Point (LTP)

UL M	Section 17	Township 25S	Range 32E	Lot	Feet 113	From N/S SOUTH	Feet 902	From E/W WEST	County LEA
Latitude 32.1233975					Longitude 103.7029883			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit?

☐ Y

Is this well an infill well?

☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **12/18/19** thru **12/29/19** conduct or supervise the taking of a **MWD Survey** from a depth of **136'** to a depth of **17683'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Devon Energy** for the **Mustang 8-17 Fed #235H** API No. **30-025-46431** in **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

1125 Beach Airport Rd, Conroe, Texas
77301



Devon Energy

Lea Co., NM (Nad83 - East Zone)

Mustang 8-17 Fed

#235H

OH

Design: OH

End Of Well Report

31 December, 2019



Wellbenders

End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #235H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Site:	Mustang 8-17 Fed	MD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Well:	#235H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Project	Lea Co., NM (Nad83 - East Zone)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Mustang 8-17 Fed		
Site Position:		Northing:	417,176.02 usft
From:	Map	Easting:	736,932.88 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.145318
		Longitude:	-103.701363
		Grid Convergence:	0.336 °

Well		#235H				
Well Position	+N/-S	0.00 usft	Northing:	417,176.02 usft	Latitude:	32.145318
	+E/-W	0.00 usft	Easting:	736,932.88 usft	Longitude:	-103.701363
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	3,438.10 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/14/2019	6.747	59.939	47,630.12586702

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	179.88

Survey Program	Date	12/31/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
136.00	17,683.00	Survey #1 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM



Wellbenders

End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Mustang 8-17 Fed
Well: #235H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #235H
TVD Reference: RKB=30' @ 3468.10usft (Cactus 108)
MD Reference: RKB=30' @ 3468.10usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.00	0.31	134.38	136.00	-0.26	0.26	0.26	136.00	134.38	0.23
269.00	0.13	202.32	269.00	-0.65	0.46	0.65	133.00	152.94	0.22
361.00	0.44	177.80	361.00	-1.10	0.44	1.10	92.00	183.32	0.35
453.00	0.40	182.81	452.99	-1.77	0.43	1.77	92.00	180.19	0.06
637.00	0.92	164.70	636.98	-3.84	0.79	3.84	184.00	170.16	0.30
698.00	0.84	163.30	697.97	-4.74	1.05	4.74	61.00	164.03	0.14
822.00	0.75	136.40	821.96	-6.20	1.87	6.20	124.00	150.63	0.31
915.00	1.10	222.53	914.95	-7.30	1.69	7.30	93.00	189.49	1.39
1,007.00	1.93	235.54	1,006.92	-8.82	-0.19	8.82	92.00	230.82	0.97
1,099.00	2.64	225.87	1,098.85	-11.18	-2.98	11.17	92.00	229.95	0.88
1,191.00	3.34	228.42	1,190.72	-14.43	-6.51	14.42	92.00	227.29	0.77
1,283.00	4.13	227.37	1,282.53	-18.45	-10.95	18.43	92.00	227.84	0.86
1,374.00	5.05	224.99	1,373.23	-23.50	-16.20	23.47	91.00	226.06	1.03
1,466.00	4.48	225.96	1,464.92	-28.86	-21.64	28.82	92.00	225.45	0.63
1,558.00	4.18	226.66	1,556.65	-33.66	-26.66	33.61	92.00	226.30	0.33
1,652.00	4.79	228.51	1,650.36	-38.62	-32.09	38.55	94.00	227.65	0.67
1,747.00	5.32	229.48	1,744.99	-44.10	-38.41	44.02	95.00	229.02	0.57
1,842.00	4.84	228.95	1,839.62	-49.60	-44.78	49.50	95.00	229.23	0.51
1,936.00	4.13	225.79	1,933.33	-54.56	-50.20	54.46	94.00	227.49	0.80
2,030.00	3.69	223.15	2,027.11	-59.13	-54.70	59.01	94.00	224.54	0.51
2,125.00	4.40	231.85	2,121.88	-63.61	-59.65	63.49	95.00	227.88	0.99
2,219.00	5.58	237.12	2,215.52	-68.32	-66.33	68.18	94.00	234.80	1.35
2,314.00	4.88	232.64	2,310.12	-73.28	-73.42	73.13	95.00	235.03	0.85
2,409.00	4.22	230.88	2,404.82	-77.94	-79.34	77.77	95.00	231.82	0.71
2,503.00	5.10	226.66	2,498.51	-82.99	-85.06	82.81	94.00	228.57	1.00
2,598.00	6.24	224.91	2,593.05	-89.54	-91.78	89.35	95.00	225.70	1.21



Wellbenders

End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Mustang 8-17 Fed
Well: #235H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #235H
TVD Reference: RKB=30' @ 3468.10usft (Cactus 108)
MD Reference: RKB=30' @ 3468.10usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
2,692.00	5.23	226.05	2,686.58	-96.13	-98.47	95.93	94.00	225.43	1.08	
2,787.00	4.40	223.85	2,781.24	-101.77	-104.11	101.55	95.00	225.04	0.89	
2,882.00	3.78	224.82	2,876.00	-106.62	-108.84	106.39	95.00	224.30	0.66	
2,976.00	4.22	231.06	2,969.77	-110.99	-113.72	110.75	94.00	228.11	0.66	
3,071.00	5.10	233.96	3,064.45	-115.67	-119.85	115.42	95.00	232.65	0.96	
3,166.00	4.35	226.31	3,159.13	-120.64	-125.87	120.38	95.00	230.44	1.03	
3,261.00	3.91	227.19	3,253.88	-125.33	-130.85	125.06	95.00	226.73	0.47	
3,355.00	3.96	227.54	3,347.66	-129.70	-135.60	129.42	94.00	227.37	0.06	
3,450.00	4.22	239.06	3,442.42	-133.71	-141.02	133.42	95.00	233.48	0.91	
3,544.00	3.74	238.88	3,536.20	-137.07	-146.61	136.77	94.00	238.98	0.51	
3,639.00	4.84	239.23	3,630.93	-140.73	-152.70	140.41	95.00	239.08	1.16	
3,733.00	5.67	239.41	3,724.53	-145.12	-160.11	144.78	94.00	239.33	0.88	
3,828.00	4.26	231.85	3,819.17	-149.69	-166.92	149.34	95.00	236.17	1.63	
3,923.00	3.87	224.99	3,913.94	-154.13	-171.96	153.77	95.00	228.58	0.66	
4,017.00	3.82	223.06	4,007.72	-158.66	-176.34	158.29	94.00	224.03	0.15	
4,112.00	4.66	215.68	4,102.46	-164.11	-180.76	163.73	95.00	219.00	1.05	
4,206.00	5.80	211.11	4,196.07	-171.28	-185.44	170.89	94.00	213.15	1.29	
4,300.00	5.58	202.49	4,289.61	-179.57	-189.64	179.17	94.00	206.88	0.94	
4,395.00	5.80	215.33	4,384.15	-187.75	-194.18	187.35	95.00	209.03	1.36	
4,489.00	6.02	226.75	4,477.65	-195.01	-200.52	194.58	94.00	221.15	1.27	
4,632.00	4.66	221.92	4,620.03	-204.47	-209.86	204.03	143.00	224.64	1.00	
4,733.00	4.79	225.52	4,720.68	-210.47	-215.61	210.02	101.00	223.74	0.32	
4,828.00	5.05	235.10	4,815.33	-215.64	-221.87	215.18	95.00	230.44	0.91	
4,921.00	6.29	253.65	4,907.88	-219.42	-230.12	218.94	93.00	245.39	2.36	
5,015.00	6.95	256.72	5,001.26	-222.18	-240.59	221.67	94.00	255.26	0.80	
5,108.00	6.68	255.67	5,093.60	-224.81	-251.31	224.28	93.00	256.21	0.32	
5,203.00	6.81	255.32	5,187.94	-227.60	-262.11	227.05	95.00	255.49	0.14	



Wellbenders

End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Mustang 8-17 Fed
Well: #235H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #235H
TVD Reference: RKB=30' @ 3468.10usft (Cactus 108)
MD Reference: RKB=30' @ 3468.10usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
5,298.00	6.86	254.35	5,282.27	-230.56	-273.03	229.99	95.00	254.83	0.13	
5,392.00	5.71	257.69	5,375.70	-233.07	-283.00	232.48	94.00	255.87	1.28	
5,487.00	5.32	257.16	5,470.26	-235.06	-291.91	234.45	95.00	257.43	0.41	
5,582.00	5.32	255.84	5,564.85	-237.12	-300.48	236.49	95.00	256.50	0.13	
5,676.00	5.32	255.23	5,658.45	-239.29	-308.92	238.64	94.00	255.53	0.06	
5,771.00	5.23	254.17	5,753.05	-241.60	-317.34	240.93	95.00	254.70	0.14	
5,866.00	5.41	254.17	5,847.64	-244.00	-325.81	243.32	95.00	254.17	0.19	
5,960.00	5.67	250.83	5,941.20	-246.73	-334.46	246.03	94.00	252.46	0.44	
6,056.00	4.75	249.60	6,036.80	-249.68	-342.67	248.96	96.00	250.27	0.97	
6,150.00	3.08	248.20	6,130.58	-251.97	-348.66	251.24	94.00	249.05	1.78	
6,245.00	2.29	247.41	6,225.47	-253.65	-352.78	252.91	95.00	247.86	0.83	
6,340.00	2.37	241.69	6,320.39	-255.31	-356.26	254.56	95.00	244.50	0.26	
6,435.00	2.46	240.11	6,415.31	-257.25	-359.76	256.50	95.00	240.89	0.12	
6,530.00	2.33	237.65	6,510.23	-259.30	-363.16	258.54	95.00	238.91	0.17	
6,624.00	2.42	236.77	6,604.15	-261.41	-366.43	260.65	94.00	237.20	0.10	
6,718.00	2.55	236.95	6,698.06	-263.64	-369.85	262.87	94.00	236.86	0.14	
6,813.00	2.59	236.86	6,792.96	-265.97	-373.42	265.19	95.00	236.90	0.04	
6,908.00	2.68	238.88	6,887.86	-268.29	-377.11	267.50	95.00	237.89	0.14	
7,003.00	2.33	230.97	6,982.77	-270.65	-380.52	269.86	95.00	235.20	0.52	
7,097.00	2.15	231.15	7,076.70	-272.96	-383.37	272.16	94.00	231.06	0.19	
7,191.00	1.32	240.82	7,170.65	-274.60	-385.69	273.79	94.00	234.83	0.93	
7,285.00	0.92	264.99	7,264.64	-275.19	-387.39	274.38	94.00	250.72	0.65	
7,379.00	1.14	258.22	7,358.62	-275.45	-389.06	274.63	94.00	261.24	0.27	
7,473.00	1.23	255.32	7,452.60	-275.89	-390.95	275.07	94.00	256.71	0.12	
7,567.00	1.27	246.09	7,546.58	-276.57	-392.88	275.75	94.00	250.63	0.22	
7,661.00	1.41	238.35	7,640.55	-277.60	-394.81	276.77	94.00	242.02	0.24	
7,755.00	1.41	236.16	7,734.53	-278.85	-396.76	278.02	94.00	237.25	0.06	



Wellbenders

End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #235H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Site:	Mustang 8-17 Fed	MD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Well:	#235H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
7,849.00	1.27	211.28	7,828.50	-280.39	-398.26	279.55	94.00	224.38	0.63	
7,943.00	1.27	197.92	7,922.48	-282.27	-399.12	281.43	94.00	204.60	0.31	
8,037.00	0.75	274.48	8,016.47	-283.21	-400.06	282.37	94.00	224.72	1.40	
8,131.00	0.75	251.54	8,110.46	-283.36	-401.25	282.52	94.00	263.01	0.32	
8,225.00	0.79	273.51	8,204.45	-283.51	-402.48	282.67	94.00	262.81	0.31	
8,318.00	0.88	274.74	8,297.44	-283.41	-403.83	282.57	93.00	274.16	0.10	
8,412.00	1.14	277.20	8,391.43	-283.24	-405.48	282.39	94.00	276.13	0.28	
8,506.00	1.14	293.64	8,485.41	-282.75	-407.27	281.89	94.00	285.42	0.35	
8,601.00	1.36	305.24	8,580.38	-281.72	-409.05	280.86	95.00	299.95	0.35	
8,696.00	1.23	290.74	8,675.36	-280.70	-410.93	279.84	95.00	298.36	0.37	
8,792.00	1.67	246.88	8,771.33	-280.89	-413.18	280.02	96.00	265.32	1.21	
8,886.00	1.63	223.68	8,865.29	-282.39	-415.36	281.52	94.00	235.42	0.71	
8,981.00	2.15	203.20	8,960.24	-285.01	-416.99	284.13	95.00	212.02	0.89	
9,076.00	2.42	205.66	9,055.17	-288.45	-418.57	287.58	95.00	204.50	0.30	
9,171.00	1.63	217.79	9,150.11	-291.33	-420.26	290.45	95.00	210.54	0.94	
9,266.00	1.71	212.34	9,245.07	-293.60	-421.85	292.71	95.00	215.00	0.19	
9,361.00	2.02	198.72	9,340.02	-296.38	-423.14	295.49	95.00	204.96	0.57	
9,456.00	2.73	204.08	9,434.94	-300.03	-424.60	299.14	95.00	201.80	0.78	
9,551.00	2.51	197.66	9,529.84	-304.08	-426.16	303.18	95.00	201.00	0.39	
9,646.00	2.15	183.51	9,624.76	-307.84	-426.90	306.94	95.00	191.13	0.71	
KOP @ 9646.00' MD 2505.25' FSL SEC 8, 946.95' FWL SEC 8										
9,741.00	8.22	191.95	9,719.33	-316.27	-428.41	315.37	95.00	190.20	6.42	
9,836.00	18.15	185.18	9,811.71	-337.70	-431.16	336.80	95.00	187.31	10.56	
9,931.00	27.56	179.99	9,899.16	-374.50	-432.50	373.60	95.00	182.08	10.12	
10,025.00	37.01	178.15	9,978.54	-424.64	-431.58	423.74	94.00	178.95	10.11	
10,120.00	49.41	181.31	10,047.66	-489.54	-431.48	488.64	95.00	179.91	13.25	
10,214.00	56.22	185.97	10,104.46	-564.19	-436.37	563.28	94.00	183.75	8.25	



Wellbenders

End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #235H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Site:	Mustang 8-17 Fed	MD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Well:	#235H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
10,248.33	60.00	186.61	10,122.59	-593.16	-439.56	592.24	34.33	186.30	11.12	
FTP @ 10248.33' MD 2220.12' FSL SEC 8, 933.20' FWL SEC 8										
10,309.00	66.68	187.64	10,149.80	-646.93	-446.30	645.99	60.67	187.14	11.12	
10,404.00	79.56	187.91	10,177.33	-736.81	-458.58	735.84	95.00	187.78	13.56	
10,498.00	89.23	184.48	10,186.50	-829.69	-468.64	828.70	94.00	186.18	10.91	
10,527.00	89.27	184.57	10,186.88	-858.60	-470.93	857.61	29.00	184.53	0.34	
10,622.00	89.27	184.04	10,188.09	-953.32	-478.06	952.32	95.00	184.31	0.56	
10,716.00	88.75	184.48	10,189.71	-1,047.04	-485.04	1,046.03	94.00	184.26	0.72	
10,811.00	88.97	182.37	10,191.60	-1,141.85	-490.71	1,140.82	95.00	183.42	2.23	
10,906.00	90.15	179.47	10,192.33	-1,236.82	-492.24	1,235.79	95.00	180.92	3.30	
11,001.00	91.03	178.68	10,191.35	-1,331.80	-490.70	1,330.77	95.00	179.08	1.24	
11,095.00	90.95	178.94	10,189.73	-1,425.77	-488.75	1,424.74	94.00	178.81	0.29	
11,190.00	90.99	178.59	10,188.12	-1,520.73	-486.71	1,519.71	95.00	178.77	0.37	
11,284.00	90.90	179.38	10,186.57	-1,614.71	-485.04	1,613.69	94.00	178.99	0.85	
11,379.00	90.55	178.85	10,185.37	-1,709.69	-483.57	1,708.67	95.00	179.11	0.67	
11,474.00	90.59	178.85	10,184.42	-1,804.66	-481.67	1,803.65	95.00	178.85	0.04	
11,568.00	90.59	179.20	10,183.46	-1,898.64	-480.07	1,897.63	94.00	179.03	0.37	
11,662.00	90.77	179.47	10,182.34	-1,992.63	-478.98	1,991.62	94.00	179.33	0.35	
11,757.00	90.59	179.99	10,181.21	-2,087.62	-478.53	2,086.62	95.00	179.73	0.58	
11,851.00	89.76	179.91	10,180.93	-2,181.62	-478.45	2,180.62	94.00	179.95	0.89	
11,946.00	89.49	180.08	10,181.55	-2,276.62	-478.44	2,275.61	95.00	179.99	0.34	
12,040.00	89.27	180.08	10,182.57	-2,370.61	-478.57	2,369.61	94.00	180.08	0.23	
12,135.00	89.45	180.52	10,183.63	-2,465.61	-479.07	2,464.60	95.00	180.30	0.50	
12,230.00	88.79	181.05	10,185.09	-2,560.59	-480.37	2,559.57	95.00	180.78	0.89	
12,325.00	89.10	180.87	10,186.83	-2,655.56	-481.96	2,654.54	95.00	180.96	0.38	
12,420.00	89.71	180.52	10,187.82	-2,750.54	-483.11	2,749.53	95.00	180.69	0.74	
12,515.00	90.02	180.43	10,188.04	-2,845.54	-483.90	2,844.52	95.00	180.47	0.34	



Wellbenders

End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Mustang 8-17 Fed
Well: #235H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #235H
TVD Reference: RKB=30' @ 3468.10usft (Cactus 108)
MD Reference: RKB=30' @ 3468.10usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
12,609.00	90.42	180.17	10,187.68	-2,939.54	-484.39	2,938.52	94.00	180.30	0.51	
12,703.00	90.68	180.43	10,186.78	-3,033.53	-484.88	3,032.51	94.00	180.30	0.39	
12,798.00	91.25	180.61	10,185.18	-3,128.51	-485.75	3,127.49	95.00	180.52	0.63	
12,892.00	92.00	180.87	10,182.52	-3,222.47	-486.96	3,221.44	94.00	180.74	0.84	
12,987.00	90.99	180.35	10,180.04	-3,317.43	-487.97	3,316.40	95.00	180.61	1.20	
13,081.00	90.86	178.85	10,178.52	-3,411.41	-487.31	3,410.38	94.00	179.60	1.60	
13,176.00	91.30	179.20	10,176.73	-3,506.38	-485.70	3,505.36	95.00	179.02	0.59	
13,270.00	88.97	178.33	10,176.51	-3,600.35	-483.67	3,599.33	94.00	178.76	2.65	
13,365.00	88.88	177.53	10,178.29	-3,695.27	-480.24	3,694.26	95.00	177.93	0.85	
13,460.00	88.97	177.62	10,180.07	-3,790.17	-476.22	3,789.16	95.00	177.58	0.13	
13,554.00	89.05	177.53	10,181.70	-3,884.07	-472.25	3,883.07	94.00	177.57	0.13	
13,649.00	89.49	177.27	10,182.91	-3,978.97	-467.94	3,977.98	95.00	177.40	0.54	
13,743.00	89.41	177.45	10,183.81	-4,072.86	-463.61	4,071.88	94.00	177.36	0.21	
13,838.00	91.16	179.12	10,183.34	-4,167.81	-460.76	4,166.84	95.00	178.28	2.55	
13,932.00	91.82	179.82	10,180.89	-4,261.77	-459.90	4,260.80	94.00	179.47	1.02	
14,026.00	92.13	179.99	10,177.65	-4,355.72	-459.74	4,354.74	94.00	179.90	0.38	
14,121.00	91.47	179.73	10,174.67	-4,450.67	-459.51	4,449.70	95.00	179.86	0.75	
14,216.00	91.16	179.56	10,172.49	-4,545.64	-458.92	4,544.67	95.00	179.64	0.37	
14,310.00	90.95	179.99	10,170.76	-4,639.63	-458.55	4,638.65	94.00	179.78	0.51	
14,405.00	90.11	180.08	10,169.88	-4,734.62	-458.61	4,733.65	95.00	180.04	0.89	
14,500.00	91.16	179.64	10,168.83	-4,829.61	-458.38	4,828.64	95.00	179.86	1.20	
14,594.00	91.21	178.85	10,166.88	-4,923.58	-457.14	4,922.62	94.00	179.25	0.84	
14,688.00	91.34	178.76	10,164.79	-5,017.54	-455.18	5,016.58	94.00	178.81	0.17	
14,783.00	91.38	178.33	10,162.54	-5,112.48	-452.77	5,111.52	95.00	178.55	0.45	
14,877.00	89.49	178.24	10,161.82	-5,206.43	-449.95	5,205.48	94.00	178.28	2.01	
14,972.00	89.01	178.50	10,163.07	-5,301.39	-447.25	5,300.44	95.00	178.37	0.57	
15,067.00	88.22	178.06	10,165.36	-5,396.31	-444.40	5,395.37	95.00	178.28	0.95	



Wellbenders

End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Mustang 8-17 Fed
Well: #235H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #235H
TVD Reference: RKB=30' @ 3468.10usft (Cactus 108)
MD Reference: RKB=30' @ 3468.10usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
15,161.00	88.92	178.06	10,167.71	-5,490.23	-441.22	5,489.30	94.00	178.06	0.74	
15,255.00	88.40	176.92	10,169.91	-5,584.11	-437.10	5,583.19	94.00	177.49	1.33	
15,350.00	88.13	177.45	10,172.78	-5,678.95	-432.44	5,678.04	95.00	177.18	0.63	
15,445.00	89.98	178.68	10,174.35	-5,773.88	-429.23	5,772.97	95.00	178.07	2.34	
15,540.00	89.98	178.68	10,174.38	-5,868.86	-427.05	5,867.95	95.00	178.68	0.00	
15,634.00	90.33	179.03	10,174.13	-5,962.84	-425.17	5,961.93	94.00	178.85	0.53	
15,729.00	90.68	179.38	10,173.29	-6,057.82	-423.85	6,056.92	95.00	179.20	0.52	
15,823.00	90.99	178.94	10,171.92	-6,151.80	-422.47	6,150.91	94.00	179.16	0.57	
15,918.00	90.15	178.59	10,170.98	-6,246.78	-420.42	6,245.88	95.00	178.76	0.96	
16,013.00	90.24	179.56	10,170.65	-6,341.76	-418.89	6,340.87	95.00	179.07	1.03	
16,108.00	89.14	177.01	10,171.17	-6,436.71	-416.05	6,435.82	95.00	178.29	2.92	
16,202.00	90.77	180.52	10,171.24	-6,530.67	-414.02	6,529.79	94.00	178.77	4.12	
16,297.00	91.34	181.84	10,169.49	-6,625.63	-415.98	6,624.74	95.00	181.18	1.51	
16,392.00	91.38	181.84	10,167.24	-6,720.55	-419.03	6,719.66	95.00	181.84	0.04	
16,487.00	91.30	181.93	10,165.01	-6,815.48	-422.15	6,814.58	95.00	181.89	0.13	
16,582.00	91.65	181.49	10,162.57	-6,910.40	-424.98	6,909.50	95.00	181.71	0.59	
16,676.00	89.80	181.49	10,161.38	-7,004.36	-427.43	7,003.45	94.00	181.49	1.97	
16,771.00	89.93	181.66	10,161.60	-7,099.32	-430.04	7,098.41	95.00	181.58	0.23	
16,865.00	90.20	181.66	10,161.50	-7,193.28	-432.76	7,192.36	94.00	181.66	0.29	
16,960.00	90.59	182.02	10,160.84	-7,288.23	-435.81	7,287.30	95.00	181.84	0.56	
17,055.00	89.27	182.02	10,160.96	-7,383.17	-439.16	7,382.23	95.00	182.02	1.39	
17,150.00	89.32	181.66	10,162.13	-7,478.11	-442.21	7,477.17	95.00	181.84	0.38	
17,245.00	89.63	182.02	10,163.00	-7,573.06	-445.26	7,572.11	95.00	181.84	0.50	
17,340.00	89.89	181.31	10,163.40	-7,668.02	-448.02	7,667.06	95.00	181.66	0.80	
17,435.00	89.80	181.49	10,163.65	-7,762.99	-450.34	7,762.03	95.00	181.40	0.21	
17,529.00	90.24	181.66	10,163.62	-7,856.96	-452.93	7,855.99	94.00	181.57	0.50	
17,624.00	90.59	181.66	10,162.93	-7,951.91	-455.68	7,950.94	95.00	181.66	0.37	



Wellbenders

End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #235H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Site:	Mustang 8-17 Fed	MD Reference:	RKB=30' @ 3468.10usft (Cactus 108)
Well:	#235H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
17,662.18	90.59	181.66	10,162.54	-7,990.07	-456.78	7,989.10	38.18	181.66	0.00
LTP @ 17662.18' MD 100' FSL SEC 17, 901.25' FWL SEC 17									
17,683.00	90.59	181.66	10,162.32	-8,010.88	-457.39	8,009.91	20.82	181.66	0.00
BHL @ 17683.00' MD 79.35' FSL SEC 17, 900.62' FWL SEC 17									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,646.00	9,624.76	-307.84	-426.90	KOP @ 9646.00' MD 2505.25' FSL SEC 8, 946.95' FWL SEC 8	
10,248.33	10,122.59	-593.16	-439.56	FTP @ 10248.33' MD 2220.12' FSL SEC 8, 933.20' FWL SEC 8	
17,662.18	10,162.54	-7,990.07	-456.78	LTP @ 17662.18' MD 100' FSL SEC 17, 901.25' FWL SEC 17	
17,683.00	10,162.32	-8,010.88	-457.39	BHL @ 17683.00' MD 79.35' FSL SEC 17, 900.62' FWL SEC 17	

Checked By: _____ Approved By: _____ Date: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 18248

CONDITIONS OF APPROVAL

Operator: DEVON ENERGY PRODUCTION COMPAN 333 West Sheridan Ave. Oklahoma City, OK73102			OGRID: 6137	Action Number: 18248	Action Type: C-104C
OCD Reviewer			Condition		
plmartinez			None		