

C-104 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**Section 1 - Operator and Well Information**

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name:	OGRID:
Property Name and Well Number:	Property Code:
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-0
Pool Name:	Pool Code:

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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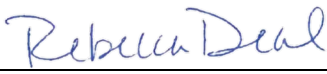
Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW):	Communitization Agreement <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
Surface Casing Action ID:	Unit: <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID:	Compulsory Pooling: <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
Production Casing Action ID:	Surface Commingling: <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID:	Non-standard Proration: <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N):	Simultaneous Dedication: <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input type="checkbox"/> 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.	
Name 	
Title	Date

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input type="checkbox"/> Amended Report
		<input checked="" type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number 30-025-52643	Pool Code 96661	Pool Name HARDIN TANK;BONE SPRING
Property Code 334567	Property Name NORTH BLONDIE 3-15 FED COM	Well Number 102H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Ground Level Elevation 3276.9'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	15	26-S	34-E		1859' N	1503' W	32.045601	103.461448	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	10	26-S	34-E		24' N	1731' W	32.065157	103.460733	LEA

Dedicated Acres 240	Infill or Defining Well Defining	Defining Well API	Overlapping Spacing Unit (Y/N) Y	Consolidation Code C
Order Numbers Pending			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	15	26-S	34-E		2521' N	788' W	32.043781	103.460529	LEA


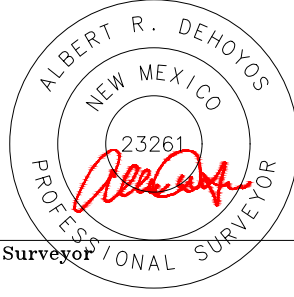
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	15	26-S	34-E		2179' N	1848' W	32.044723	103.460334	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	10	26-S	34-E		112' N	1735' W	32.064916	103.460718	LEA

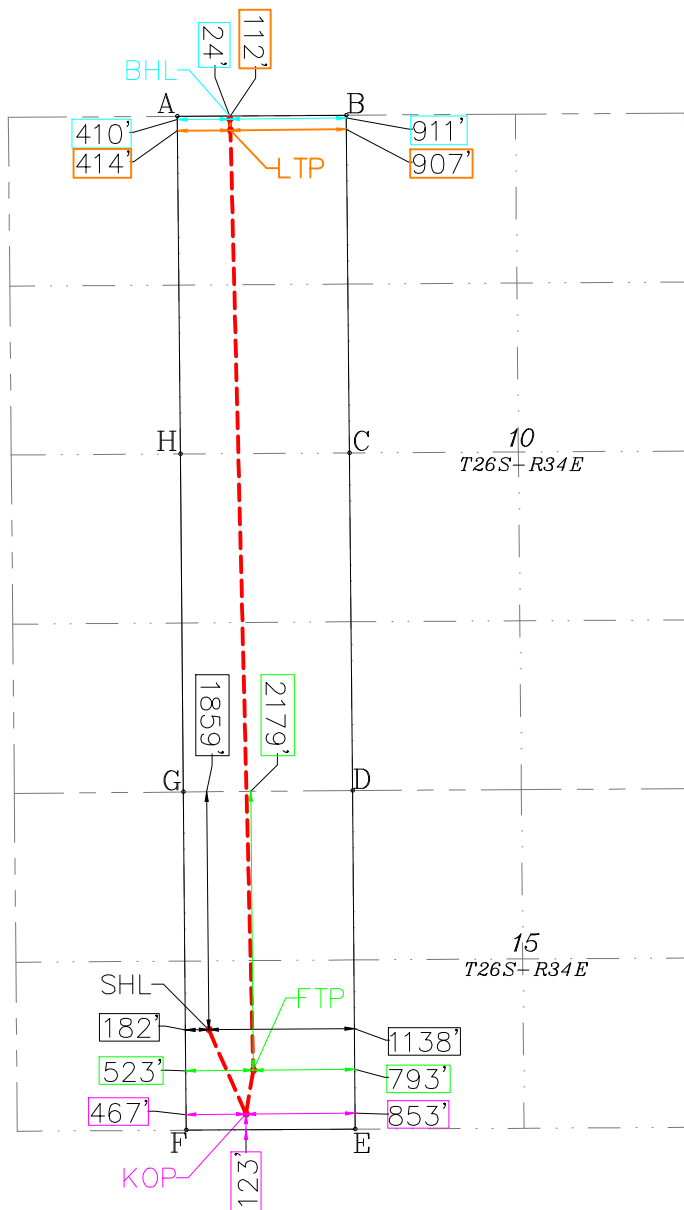
Spacing Unit Type		Horizontal	Vertical	Ground Floor Elevation:
		HZ		

OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under supervision, and that the same is true and correct to the best of my belief.	
Signature  Date 11/4/2024		Signature and Seal of Professional Surveyor 	
Printed Name Rebecca Deal, Regulatory Analyst Email Address Rebecca.deal@dvn.com		Certificate Number 23261	Date of Survey 05/2024

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



SURFACE HOLE LOCATION
 GEODETIC COORDINATES NAD 83
 NMSP EAST SURFACE LOCATION
 1859' FNL 1503' FWL SECTION 15
 0' MEASURED DEPTH IN FEET
 NAD 83, SPCS NM EAST
 N:381418.52/E:811482.20
 LAT:32.045601/LON:103.461448
 NAD 27, SPCS NM EAST
 N:340239.53/E:811418.75
 LAT:32.045475/LON:103.460984

KICK OFF POINT
 2521' FNL 788' FWL SECTION 15
 9,300' MEASURED DEPTH IN FEET
 NAD 83, SPCS NM EAST
 N:380758.78/E:811772.46
 LAT:32.043781/LON:103.460529
 NAD 27, SPCS NM EAST
 N:339579.78/E:811709.01
 LAT:32.043655/LON:103.460065

FIRST TAKE POINT
 2179' FNL 1848' FWL SECTION 15
 10,050' MEASURED DEPTH IN FEET
 NAD 83, SPCS NM EAST
 N:381101.76/E:811830.17
 LAT:32.044723/LON:103.460334
 NAD 27, SPCS NM EAST
 N:339922.77/E:811766.71
 LAT:32.044597/LON:103.459870

LAST TAKE POINT
 112' FNL 1735' FWL SECTION 10
 17,407' MEASURED DEPTH IN FEET
 NAD 83, SPCS NM EAST
 N:388446.78/E:811651.82
 LAT:32.064916/LON:103.460718
 NAD 27, SPCS NM EAST
 N:347267.86/E:811588.28
 LAT:32.064790/LON:103.460253

BOTTOM HOLE LOCATION
 24' FNL 1731' FWL SECTION 10
 17,495' MEASURED DEPTH IN FEET
 NAD 83, SPCS NM EAST
 N:388534.61/E:811646.43
 LAT:32.065157/LON:103.460733
 NAD 27, SPCS NM EAST
 N:347355.69/E:811582.89
 LAT:32.065031/LON:103.460268

CORNER COORDINATES NAD 83, SPCS NM EAST	CORNER COORDINATES NAD 27, SPCS NM EAST
A=N:388556.23 E:811236.51	A=N:347377.32 E:811172.98
B=N:388564.69 E:812557.43	B=N:347385.77 E:812493.87
C=N:3885925.10 E:812581.67	C=N:344746.15 E:812518.14
D=N:383287.53 E:812605.90	D=N:342108.55 E:812542.40
E=N:380640.30 E:812626.53	E=N:339461.29 E:812563.07
F=N:380632.62 E:811306.22	F=N:339453.62 E:811242.78
G=N:383275.93 E:811284.33	G=N:342096.96 E:811220.87
H=N:385917.41 E:811259.97	H=N:344738.46 E:811196.47

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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	96661	HARDIN TANK;BONE SPRING
Property Code	Property Name	Well Number
	NORTH BLONDIE 3-15 FED COM	102H
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3276.9'

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	15	26-S	34-E		1859	NORTH	1503	WEST	LEA

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
C	10	26-S	34-E		20	NORTH	1760	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			Non Standard Spacing

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

NORTH BLONDIE 3-15 FED COM 102H

EL: 3276.9
GEODEIC COORDINATES
NAD 83 NMSP EAST
SURFACE LOCATION
N: 381418.52
E: 811482.20
LAT: 32.045601
LON: 103.461448

KICK OFF POINT

CALLS 2586 FNL 1759' FWL
N: 811675.74
E: 388539.05
LAT: 32.0435
LON: 103.4607

FIRST TAKE POINT (PPP 1)

2538' FNL 1760' FWL SEC. 15
N: 380741.88
E: 811744.95
LAT: 32.043736
LON: 103.460618

LAST TAKE POINT

100' FNL 1760' FWL SEC. 10
N: 388459.05
E: 811676.43
LAT: 32.064949
LON: 103.460638

BOTTOM OF HOLE

N: 388539.05
E: 811675.74
LAT: 32.065169
LON: 103.460638

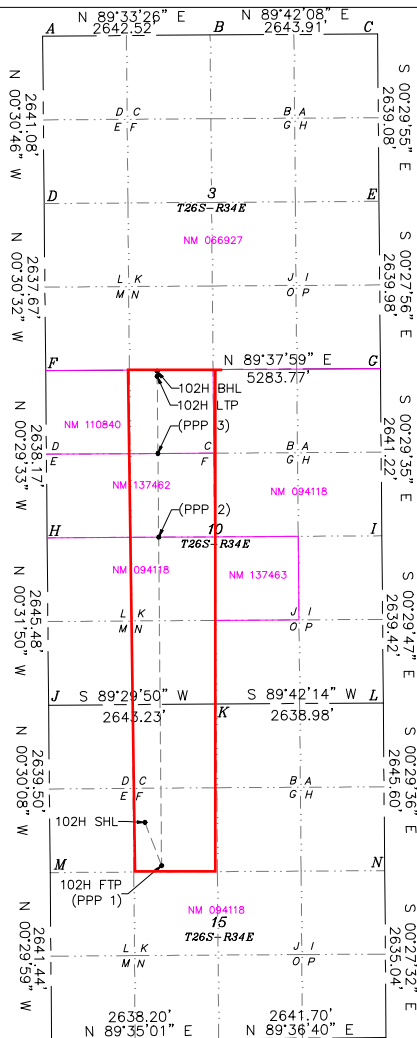
(PPP 2)

2639' FNL 1761' FWL SEC. 10
N: 385919.97
E: 811698.99
LAT: 32.057969
LON: 103.460631

(PPP 3)

1320' FNL 1760' FWL SEC. 10
N: 387239.51
E: 811687.28
LAT: 32.061597
LON: 103.460635

A=N: 393826.32 E: 809868.53
B=N: 393846.74 E: 812510.98
C=N: 393860.48 E: 815154.85
D=N: 391185.34 E: 809892.17
E=N: 391221.50 E: 815177.82
F=N: 388547.78 E: 809915.60
G=N: 388581.61 E: 815199.26
H=N: 385909.71 E: 809938.27
I=N: 385940.49 E: 815221.99
J=N: 383264.34 E: 809862.78
K=N: 383287.54 E: 812605.90
L=N: 383301.77 E: 815244.85
M=N: 380624.94 E: 809985.91
N=N: 380655.67 E: 815267.62



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Rebecca Deal Date: 1/8/2024

Printed Name: Rebecca Deal, Regulatory Analyst

E-mail Address: rebecca.deal@dvn.com

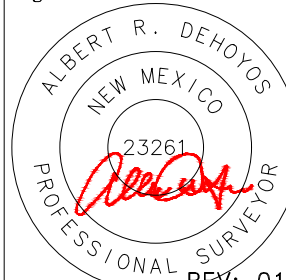
SURVEYOR CERTIFICATION

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.

08/2023

Date of Survey

Signature & Seal of Professional Surveyor



REV: 01/07/2024

Certificate No. 23261 Albert R. DeHoyos
DRAWN BY: CM

Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: NORTH BLONDIE 3-15 FED COM	Well Number 102H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	15	26S	34E		2586	FNL	1759	FWL	LEA
Latitude 32.0435					Longitude -103.4607				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	15	26-S	34-E		2538	NORTH	1760	WEST	LEA
Latitude 32.043736					Longitude 103.460618				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	10	26-S	34-E		100	NORTH	1760	WEST	LEA
Latitude 32.064949					Longitude 103.460638				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ YIs this well an infill well? ☐ N

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

API# 3002552643

Job# SW-240452

Devon Energy

Lea County, NM (NAD83)

North Blondie 3-15 Fed Com Pad

North Blondie 3-15 Fed Com 102H

OH (SW-240452)

Final Surveys



Standard Survey Report

28 May, 2024

Total Report Version 1.70

COMPASS 5000.16 Build 97



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well North Blondie 3-15 Fed Com 102H
Project:	Lea County, NM (NAD83)	TVD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Site:	North Blondie 3-15 Fed Com Pad	MD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Well:	North Blondie 3-15 Fed Com 102H	North Reference:	Grid
Wellbore:	OH (SW-240452)	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	.Total Directional Production DB

Project	Lea County, NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	North Blondie 3-15 Fed Com Pad			
Site Position:		Northing:	394,088.70 usft	Latitude: 32.080353
From:	Map	Easting:	814,812.54 usft	Longitude: -103.450367
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	

Well	North Blondie 3-15 Fed Com 102H			
Well Position	+N/-S	0.00 usft	Northing:	381,418.52 usft
	+E/-W	0.00 usft	Easting:	811,482.20 usft
Position Uncertainty	0.50 usft	Wellhead Elevation:	usft	Ground Level: 3,276.90 usft
Grid Convergence:	0.46 °			

Wellbore	OH (SW-240452)				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2024	5/1/2024	6.13	59.55	47,130.70000000

Design	Final Surveys			
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	1.32

Survey Program	Date	5/28/2024		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
172.00	17,495.00	Survey #1 (OH (SW-240452)	MWD+HRGM	OWSG MWD + HRGM

Survey													
Measured	Vertical		Local Coordinates		Map Coordinates		Geo Coordinates		Vertical	Dogleg	Build	Turn	
Depth (usft)	INC (°)	AZI (°)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude (°)	Longitude (°)	Section (usft)	Rate (°/100usft)	Rate (°/100usft)	Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	381,418.52	811,482.20	32.045601	-103.461449	0.00	0.00	0.00	0.00
172.00	0.48	242.62	172.00	-0.33	-0.64	381,418.19	811,481.56	32.045600	-103.461451	-0.35	0.28	0.28	0.00
297.00	1.05	250.71	296.99	-0.95	-2.19	381,417.57	811,480.01	32.045599	-103.461456	-1.00	0.46	0.46	6.47
390.00	1.54	249.57	389.96	-1.67	-4.16	381,416.85	811,478.04	32.045597	-103.461462	-1.76	0.53	0.53	-1.23
483.00	2.07	251.76	482.92	-2.63	-6.93	381,415.89	811,475.27	32.045594	-103.461471	-2.79	0.57	0.57	2.35
576.00	2.42	250.01	575.84	-3.83	-10.37	381,414.69	811,471.83	32.045591	-103.461482	-4.07	0.38	0.38	-1.88



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well North Blondie 3-15 Fed Com 102H
Project:	Lea County, NM (NAD83)	TVD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Site:	North Blondie 3-15 Fed Com Pad	MD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Well:	North Blondie 3-15 Fed Com 102H	North Reference:	Grid
Wellbore:	OH (SW-240452)	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	.Total Directional Production DB

Survey													
Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
669.00	2.64	252.64	668.75	-5.14	-14.26	381,413.38	811,467.94	32.045588	-103.461495	-5.46	0.27	0.24	2.83
762.00	2.73	252.38	761.65	-6.45	-18.41	381,412.07	811,463.79	32.045584	-103.461508	-6.87	0.10	0.10	-0.28
856.00	2.77	249.13	855.54	-7.93	-22.67	381,410.59	811,459.53	32.045580	-103.461522	-8.45	0.17	0.04	-3.46
883.00	2.81	250.18	882.51	-8.39	-23.90	381,410.13	811,458.30	32.045579	-103.461526	-8.94	0.24	0.15	3.89
1,014.00	2.73	254.58	1,013.36	-10.31	-29.93	381,408.21	811,452.27	32.045574	-103.461545	-11.00	0.17	-0.06	3.36
1,076.00	2.68	256.42	1,075.29	-11.04	-32.76	381,407.48	811,449.44	32.045572	-103.461555	-11.79	0.16	-0.08	2.97
1,169.00	2.81	225.22	1,168.19	-13.16	-36.49	381,405.36	811,445.71	32.045566	-103.461567	-14.00	1.59	0.14	-33.55
1,262.00	3.56	197.45	1,261.05	-17.52	-38.98	381,401.00	811,443.22	32.045554	-103.461575	-18.41	1.82	0.81	-29.86
1,356.00	4.09	190.59	1,354.84	-23.60	-40.47	381,394.92	811,441.73	32.045537	-103.461580	-24.53	0.74	0.56	-7.30
1,449.00	3.82	208.87	1,447.62	-29.57	-42.57	381,388.95	811,439.63	32.045521	-103.461587	-30.55	1.38	-0.29	19.66
1,544.00	3.87	199.56	1,542.41	-35.36	-45.17	381,383.16	811,437.03	32.045505	-103.461595	-36.40	0.66	0.05	-9.80
1,640.00	5.80	170.03	1,638.08	-43.20	-45.42	381,375.32	811,436.78	32.045484	-103.461596	-44.23	3.22	2.01	-30.76
1,735.00	6.99	156.67	1,732.49	-53.23	-42.30	381,365.29	811,439.90	32.045456	-103.461586	-54.19	2.00	1.25	-14.06
1,831.00	7.30	153.33	1,827.74	-64.05	-37.25	381,354.47	811,444.95	32.045426	-103.461570	-64.89	0.54	0.32	-3.48
1,925.00	7.16	152.80	1,921.00	-74.59	-31.89	381,343.93	811,450.31	32.045397	-103.461553	-75.31	0.16	-0.15	-0.56
2,021.00	6.99	151.30	2,016.27	-85.04	-26.35	381,333.48	811,455.85	32.045368	-103.461536	-85.62	0.26	-0.18	-1.56
2,116.00	6.77	150.87	2,110.58	-95.00	-20.85	381,323.52	811,461.35	32.045341	-103.461518	-95.46	0.24	-0.23	-0.45
2,211.00	6.59	149.90	2,204.94	-104.61	-15.39	381,313.91	811,466.81	32.045314	-103.461501	-104.93	0.22	-0.19	-1.02
2,307.00	6.42	147.09	2,300.32	-113.88	-9.71	381,304.64	811,472.49	32.045289	-103.461483	-114.07	0.38	-0.18	-2.93
2,402.00	6.29	144.63	2,394.74	-122.58	-3.81	381,295.94	811,478.39	32.045264	-103.461464	-122.64	0.32	-0.14	-2.59
2,497.00	7.43	146.12	2,489.05	-131.92	2.63	381,286.60	811,484.83	32.045239	-103.461444	-131.83	1.21	1.20	1.57
2,593.00	8.57	149.28	2,584.12	-143.23	9.74	381,275.29	811,491.94	32.045207	-103.461421	-142.96	1.27	1.19	3.29
2,688.00	8.44	147.53	2,678.07	-155.19	17.10	381,263.33	811,499.30	32.045174	-103.461397	-154.76	0.30	-0.14	-1.84
2,783.00	8.31	145.50	2,772.06	-166.73	24.73	381,251.79	811,506.93	32.045142	-103.461373	-166.12	0.34	-0.14	-2.14
2,879.00	8.13	144.63	2,867.07	-177.99	32.59	381,240.53	811,514.79	32.045111	-103.461348	-177.19	0.23	-0.19	-0.91
2,974.00	8.00	143.22	2,961.14	-188.76	40.44	381,229.76	811,522.64	32.045082	-103.461323	-187.78	0.25	-0.14	-1.48
3,070.00	9.10	149.99	3,056.07	-200.68	48.23	381,217.84	811,530.43	32.045049	-103.461298	-199.52	1.55	1.15	7.05
3,165.00	10.15	154.29	3,149.73	-214.73	55.62	381,203.79	811,537.82	32.045010	-103.461275	-213.39	1.34	1.11	4.53
3,261.00	9.89	151.83	3,244.27	-229.62	63.18	381,188.90	811,545.38	32.044969	-103.461251	-228.10	0.52	-0.27	-2.56
3,356.00	9.93	147.70	3,337.85	-243.74	71.41	381,174.78	811,553.61	32.044930	-103.461224	-242.02	0.75	0.04	-4.35
3,451.00	9.58	145.59	3,431.48	-257.18	80.26	381,161.34	811,562.46	32.044893	-103.461196	-255.26	0.53	-0.37	-2.22
3,546.00	9.36	144.27	3,525.18	-269.98	89.23	381,148.54	811,571.43	32.044857	-103.461168	-267.85	0.33	-0.23	-1.39
3,641.00	9.14	143.04	3,618.95	-282.28	98.28	381,136.24	811,580.48	32.044823	-103.461139	-279.93	0.31	-0.23	-1.29
3,737.00	9.49	151.30	3,713.69	-295.31	106.67	381,123.21	811,588.87	32.044787	-103.461112	-292.77	1.44	0.36	8.60
3,832.00	9.85	156.31	3,807.34	-309.62	113.69	381,108.90	811,595.89	32.044748	-103.461090	-306.92	0.96	0.38	5.27
3,927.00	9.23	156.31	3,901.02	-324.04	120.02	381,094.48	811,602.22	32.044708	-103.461070	-321.18	0.65	-0.65	0.00
4,023.00	8.62	155.26	3,995.86	-337.62	126.12	381,080.90	811,608.32	32.044671	-103.461050	-334.62	0.66	-0.64	-1.09
4,118.00	8.26	152.10	4,089.83	-350.12	132.30	381,068.40	811,614.50	32.044636	-103.461031	-346.98	0.62	-0.38	-3.33



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well North Blondie 3-15 Fed Com 102H
Project:	Lea County, NM (NAD83)	TVD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Site:	North Blondie 3-15 Fed Com Pad	MD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Well:	North Blondie 3-15 Fed Com 102H	North Reference:	Grid
Wellbore:	OH (SW-240452)	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	.Total Directional Production DB

Survey													
Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,213.00	7.82	151.83	4,183.90	-361.85	138.54	381,056.67	811,620.74	32.044604	-103.461011	-358.56	0.46	-0.46	-0.28
4,309.00	7.56	151.04	4,279.04	-373.13	144.68	381,045.39	811,626.88	32.044572	-103.460991	-369.70	0.29	-0.27	-0.82
4,405.00	7.34	153.41	4,374.23	-384.14	150.48	381,034.38	811,632.68	32.044542	-103.460973	-380.57	0.39	-0.23	2.47
4,500.00	7.08	152.54	4,468.47	-394.76	155.90	381,023.76	811,638.10	32.044513	-103.460956	-391.06	0.30	-0.27	-0.92
4,595.00	7.03	147.17	4,562.76	-404.84	161.75	381,013.68	811,643.95	32.044485	-103.460937	-401.00	0.70	-0.05	-5.65
4,691.00	7.12	142.78	4,658.03	-414.52	168.54	381,004.00	811,650.74	32.044458	-103.460915	-410.52	0.57	0.09	-4.57
4,786.00	7.65	148.58	4,752.24	-424.60	175.39	380,993.92	811,657.59	32.044430	-103.460894	-420.44	0.96	0.56	6.11
4,881.00	8.62	149.20	4,846.28	-436.11	182.34	380,982.41	811,664.54	32.044399	-103.460871	-431.79	1.03	1.02	0.65
4,976.00	8.66	145.33	4,940.20	-448.11	190.05	380,970.41	811,672.25	32.044365	-103.460847	-443.61	0.61	0.04	-4.07
5,072.00	8.88	144.54	5,035.08	-460.09	198.46	380,958.43	811,680.66	32.044332	-103.460820	-455.39	0.26	0.23	-0.82
5,167.00	8.48	144.10	5,128.99	-471.74	206.82	380,946.78	811,689.02	32.044300	-103.460793	-466.84	0.43	-0.42	-0.46
5,253.00	7.87	144.71	5,214.12	-481.68	213.94	380,936.84	811,696.14	32.044273	-103.460771	-476.62	0.72	-0.71	0.71
5,389.00	6.55	143.48	5,349.04	-495.51	223.94	380,923.01	811,706.14	32.044234	-103.460739	-490.22	0.98	-0.97	-0.90
5,485.00	7.43	155.44	5,444.33	-505.56	229.77	380,912.96	811,711.97	32.044207	-103.460720	-500.12	1.77	0.92	12.46
5,580.00	7.78	155.70	5,538.50	-517.01	234.97	380,901.51	811,717.17	32.044175	-103.460704	-511.45	0.37	0.37	0.27
5,676.00	7.52	155.00	5,633.64	-528.62	240.30	380,889.90	811,722.50	32.044143	-103.460687	-522.94	0.29	-0.27	-0.73
5,771.00	7.34	153.77	5,727.84	-539.70	245.61	380,878.82	811,727.81	32.044112	-103.460670	-533.89	0.25	-0.19	-1.29
5,866.00	6.95	150.78	5,822.11	-550.16	251.10	380,868.36	811,733.30	32.044084	-103.460653	-544.22	0.57	-0.41	-3.15
5,962.00	6.55	149.72	5,917.44	-559.96	256.70	380,858.56	811,738.90	32.044056	-103.460635	-553.89	0.44	-0.42	-1.10
6,057.00	6.29	156.31	6,011.85	-569.40	261.52	380,849.12	811,743.72	32.044030	-103.460619	-563.22	0.82	-0.27	6.94
6,152.00	7.52	165.98	6,106.16	-580.20	265.12	380,838.32	811,747.32	32.044001	-103.460608	-573.93	1.78	1.29	10.18
6,248.00	6.68	163.61	6,201.42	-591.65	268.21	380,826.87	811,750.41	32.043969	-103.460598	-585.31	0.93	-0.88	-2.47
6,343.00	5.71	162.12	6,295.87	-601.45	271.22	380,817.07	811,753.42	32.043942	-103.460589	-595.03	1.03	-1.02	-1.57
6,439.00	5.27	160.09	6,391.43	-610.14	274.19	380,808.38	811,756.39	32.043918	-103.460580	-603.65	0.50	-0.46	-2.11
6,534.00	4.79	158.86	6,486.06	-617.94	277.11	380,800.58	811,759.31	32.043897	-103.460570	-611.38	0.52	-0.51	-1.29
6,630.00	4.57	157.72	6,581.74	-625.22	280.00	380,793.30	811,762.20	32.043877	-103.460561	-618.59	0.25	-0.23	-1.19
6,725.00	4.22	153.94	6,676.46	-631.86	282.97	380,786.66	811,765.17	32.043858	-103.460552	-625.17	0.48	-0.37	-3.98
6,820.00	4.22	148.14	6,771.20	-637.97	286.35	380,780.55	811,768.55	32.043841	-103.460541	-631.19	0.45	0.00	-6.11
6,916.00	4.18	145.06	6,866.94	-643.84	290.22	380,774.68	811,772.42	32.043825	-103.460529	-636.97	0.24	-0.04	-3.21
7,011.00	4.04	142.34	6,961.70	-649.33	294.25	380,769.19	811,776.45	32.043810	-103.460516	-642.36	0.25	-0.15	-2.86
7,106.00	2.77	159.74	7,056.53	-654.13	297.09	380,764.39	811,779.29	32.043797	-103.460507	-647.10	1.71	-1.34	18.32
7,201.00	2.24	165.89	7,151.44	-658.08	298.34	380,760.44	811,780.54	32.043786	-103.460503	-651.03	0.62	-0.56	6.47
7,296.00	2.07	167.39	7,246.38	-661.56	299.16	380,756.96	811,781.36	32.043776	-103.460500	-654.48	0.19	-0.18	1.58
7,391.00	1.85	171.87	7,341.32	-664.75	299.76	380,753.77	811,781.96	32.043767	-103.460499	-657.66	0.28	-0.23	4.72
7,486.00	1.93	176.44	7,436.27	-667.87	300.07	380,750.65	811,782.27	32.043759	-103.460498	-660.76	0.18	0.08	4.81
7,581.00	1.45	230.49	7,531.23	-670.23	299.24	380,748.29	811,781.44	32.043752	-103.460500	-663.14	1.68	-0.51	56.89
7,677.00	1.54	231.99	7,627.20	-671.79	297.29	380,746.73	811,779.49	32.043748	-103.460507	-664.76	0.10	0.09	1.56



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well North Blondie 3-15 Fed Com 102H
Project:	Lea County, NM (NAD83)	TVD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Site:	North Blondie 3-15 Fed Com Pad	MD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Well:	North Blondie 3-15 Fed Com 102H	North Reference:	Grid
Wellbore:	OH (SW-240452)	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	.Total Directional Production DB

Survey													
Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,773.00	1.71	226.36	7,723.16	-673.58	295.24	380,744.94	811,777.44	32.043743	-103.460513	-666.59	0.24	0.18	-5.86
7,867.00	1.71	217.57	7,817.12	-675.66	293.37	380,742.86	811,775.57	32.043738	-103.460519	-668.71	0.28	0.00	-9.35
7,961.00	1.80	230.05	7,911.08	-677.72	291.38	380,740.80	811,773.58	32.043732	-103.460526	-670.81	0.42	0.10	13.28
8,056.00	1.49	232.25	8,006.04	-679.43	289.26	380,739.09	811,771.46	32.043727	-103.460533	-672.58	0.33	-0.33	2.32
8,151.00	0.88	316.80	8,101.02	-679.66	287.78	380,738.86	811,769.98	32.043727	-103.460538	-672.83	1.74	-0.64	89.00
8,247.00	2.64	12.17	8,196.98	-676.96	287.75	380,741.56	811,769.95	32.043734	-103.460538	-670.14	2.35	1.83	57.68
8,341.00	2.11	5.76	8,290.90	-673.12	288.38	380,745.40	811,770.58	32.043745	-103.460535	-666.29	0.63	-0.56	-6.82
8,437.00	1.54	15.43	8,386.85	-670.12	288.90	380,748.40	811,771.10	32.043753	-103.460534	-663.27	0.67	-0.59	10.07
8,532.00	0.48	20.08	8,481.83	-668.51	289.37	380,750.01	811,771.57	32.043757	-103.460532	-661.66	1.12	-1.12	4.89
8,627.00	1.32	26.06	8,576.82	-667.16	289.99	380,751.36	811,772.19	32.043761	-103.460530	-660.29	0.89	0.88	6.29
8,723.00	1.19	25.53	8,672.80	-665.26	290.91	380,753.26	811,773.11	32.043766	-103.460527	-658.37	0.14	-0.14	-0.55
8,818.00	0.75	14.90	8,767.78	-663.77	291.49	380,754.75	811,773.69	32.043770	-103.460525	-656.87	0.50	-0.46	-11.19
8,913.00	0.48	358.29	8,862.78	-662.77	291.64	380,755.75	811,773.84	32.043773	-103.460525	-655.87	0.34	-0.28	-17.48
9,008.00	0.00	337.02	8,957.77	-662.37	291.63	380,756.15	811,773.83	32.043774	-103.460525	-655.47	0.51	-0.51	0.00
9,104.00	0.22	289.38	9,053.77	-662.31	291.45	380,756.21	811,773.65	32.043774	-103.460525	-655.41	0.23	0.23	0.00
9,199.00	0.31	266.88	9,148.77	-662.27	291.02	380,756.25	811,773.22	32.043775	-103.460527	-655.38	0.14	0.09	-23.68
9,238.00	0.44	270.05	9,187.77	-662.27	290.77	380,756.25	811,772.97	32.043775	-103.460527	-655.39	0.34	0.33	8.13
KOP - 9238' MD													
9,351.00	4.66	353.98	9,300.65	-657.71	289.85	380,760.81	811,772.05	32.043787	-103.460530	-650.84	4.10	3.73	74.27
9,446.00	11.87	10.24	9,394.61	-644.23	291.19	380,774.29	811,773.39	32.043824	-103.460526	-637.34	7.90	7.59	17.12
9,541.00	17.36	12.79	9,486.50	-620.78	296.07	380,797.74	811,778.27	32.043888	-103.460509	-613.78	5.82	5.78	2.68
9,636.00	23.38	9.54	9,575.52	-588.34	302.33	380,830.18	811,784.53	32.043977	-103.460488	-581.21	6.45	6.34	-3.42
9,731.00	26.64	9.19	9,661.60	-548.71	308.86	380,869.81	811,791.06	32.044086	-103.460466	-541.44	3.44	3.43	-0.37
9,826.00	38.77	9.71	9,741.39	-498.18	317.31	380,920.34	811,799.51	32.044225	-103.460438	-490.73	12.77	12.77	0.55
9,922.00	52.22	10.33	9,808.53	-430.92	329.24	380,987.60	811,811.44	32.044410	-103.460397	-423.21	14.02	14.01	0.65
10,017.00	69.67	10.15	9,854.49	-349.52	343.93	381,069.00	811,826.13	32.044633	-103.460348	-341.49	18.37	18.37	-0.19
10,112.00	87.65	4.09	9,873.11	-257.49	355.27	381,161.03	811,837.47	32.044886	-103.460309	-249.23	19.92	18.93	-6.38
10,146.00	89.85	359.08	9,873.85	-223.53	356.21	381,194.99	811,838.41	32.044979	-103.460305	-215.25	16.09	6.47	-14.74
10,241.00	90.55	357.41	9,873.52	-128.58	353.30	381,289.94	811,835.50	32.045240	-103.460312	-120.39	1.91	0.74	-1.76
10,337.00	90.46	357.58	9,872.67	-32.67	349.10	381,385.85	811,831.30	32.045504	-103.460323	-24.61	0.20	-0.09	0.18
10,432.00	89.76	357.58	9,872.49	62.24	345.09	381,480.76	811,827.29	32.045765	-103.460333	70.19	0.74	-0.74	0.00
10,527.00	89.05	356.88	9,873.48	157.13	340.50	381,575.65	811,822.70	32.046026	-103.460346	164.94	1.05	-0.75	-0.74
10,622.00	88.57	355.83	9,875.45	251.91	334.46	381,670.43	811,816.66	32.046286	-103.460363	259.56	1.22	-0.51	-1.11
10,717.00	88.57	355.56	9,877.82	346.61	327.34	381,765.13	811,809.54	32.046547	-103.460383	354.07	0.28	0.00	-0.28
10,813.00	88.79	354.86	9,880.03	442.25	319.32	381,860.77	811,801.52	32.046810	-103.460407	449.50	0.76	0.23	-0.73
10,909.00	90.73	356.88	9,880.44	537.99	312.41	381,956.51	811,794.61	32.047073	-103.460426	545.06	2.92	2.02	2.10
11,004.00	91.82	356.09	9,878.32	632.79	306.59	382,051.31	811,788.79	32.047334	-103.460443	639.69	1.42	1.15	-0.83
11,099.00	92.00	355.56	9,875.15	727.48	299.67	382,146.00	811,781.87	32.047594	-103.460462	734.20	0.59	0.19	-0.56



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well North Blondie 3-15 Fed Com 102H
Project:	Lea County, NM (NAD83)	TVD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Site:	North Blondie 3-15 Fed Com Pad	MD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Well:	North Blondie 3-15 Fed Com 102H	North Reference:	Grid
Wellbore:	OH (SW-240452)	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	.Total Directional Production DB

Survey														
Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,195.00	92.57	355.56	9,871.33	823.12	292.25	382,241.64	811,774.45	32.047857	-103.460484	829.64	0.59	0.59	0.00	
11,290.00	92.57	354.42	9,867.07	917.66	283.96	382,336.18	811,766.16	32.048117	-103.460508	923.97	1.20	0.00	-1.20	
11,385.00	92.62	356.35	9,862.77	1,012.25	276.32	382,430.77	811,758.52	32.048378	-103.460530	1,018.35	2.03	0.05	2.03	
11,481.00	92.53	356.88	9,858.45	1,107.98	270.66	382,526.50	811,752.86	32.048641	-103.460546	1,113.93	0.56	-0.09	0.55	
11,576.00	92.53	356.35	9,854.26	1,202.73	265.06	382,621.25	811,747.26	32.048901	-103.460562	1,208.52	0.56	0.00	-0.56	
11,671.00	90.15	0.05	9,852.04	1,297.63	262.08	382,716.15	811,744.28	32.049162	-103.460569	1,303.33	4.63	-2.51	3.89	
11,766.00	89.36	1.89	9,852.44	1,392.61	263.68	382,811.13	811,745.88	32.049423	-103.460561	1,398.32	2.11	-0.83	1.94	
11,862.00	89.58	2.86	9,853.33	1,488.52	267.66	382,907.04	811,749.86	32.049687	-103.460546	1,494.30	1.04	0.23	1.01	
11,957.00	90.20	2.59	9,853.51	1,583.41	272.18	383,001.93	811,754.38	32.049948	-103.460529	1,589.27	0.71	0.65	-0.28	
12,052.00	90.07	2.07	9,853.29	1,678.34	276.04	383,096.86	811,758.24	32.050208	-103.460514	1,684.26	0.56	-0.14	-0.55	
12,147.00	90.11	1.71	9,853.14	1,773.28	279.17	383,191.80	811,761.37	32.050469	-103.460501	1,779.25	0.38	0.04	-0.38	
12,235.00	90.15	0.90	9,852.94	1,861.26	281.18	383,279.78	811,763.38	32.050711	-103.460493	1,867.25	0.92	0.04	-0.92	
X SEC - 12235' MD (0' FSL; 1800' FWL)														
12,242.00	90.15	0.84	9,852.93	1,868.26	281.29	383,286.78	811,763.49	32.050730	-103.460492	1,874.25	0.92	0.04	-0.92	
12,336.00	89.63	0.48	9,853.11	1,962.25	282.37	383,380.77	811,764.57	32.050989	-103.460486	1,968.24	0.67	-0.55	-0.38	
12,431.00	89.58	359.69	9,853.76	2,057.25	282.51	383,475.77	811,764.71	32.051250	-103.460483	2,063.22	0.83	-0.05	-0.83	
12,526.00	89.41	358.99	9,854.60	2,152.24	281.42	383,570.76	811,763.62	32.051511	-103.460484	2,158.16	0.76	-0.18	-0.74	
12,621.00	88.75	357.85	9,856.12	2,247.19	278.80	383,665.71	811,761.00	32.051772	-103.460490	2,253.02	1.39	-0.69	-1.20	
12,716.00	88.84	358.55	9,858.12	2,342.12	275.82	383,760.64	811,758.02	32.052033	-103.460497	2,347.86	0.74	0.09	0.74	
12,811.00	88.66	358.29	9,860.19	2,437.06	273.20	383,855.58	811,755.40	32.052294	-103.460503	2,442.71	0.33	-0.19	-0.27	
12,906.00	88.44	357.94	9,862.60	2,531.98	270.07	383,950.50	811,752.27	32.052555	-103.460511	2,537.54	0.44	-0.23	-0.37	
13,002.00	88.88	357.58	9,864.84	2,627.88	266.32	384,046.40	811,748.52	32.052819	-103.460521	2,633.32	0.59	0.46	-0.38	
13,095.00	88.70	356.88	9,866.81	2,720.75	261.83	384,139.27	811,744.03	32.053074	-103.460533	2,726.07	0.78	-0.19	-0.75	
13,189.00	92.66	358.55	9,865.69	2,814.64	258.08	384,233.16	811,740.28	32.053332	-103.460542	2,819.85	4.57	4.21	1.78	
13,284.00	93.27	357.50	9,860.78	2,909.46	254.81	384,327.98	811,737.01	32.053593	-103.460550	2,914.56	1.28	0.64	-1.11	
13,379.00	93.27	357.41	9,855.36	3,004.21	250.60	384,422.73	811,732.80	32.053853	-103.460561	3,009.19	0.09	0.00	-0.09	
13,474.00	93.41	356.35	9,849.82	3,098.91	245.44	384,517.43	811,727.64	32.054114	-103.460576	3,103.75	1.12	0.15	-1.12	
13,570.00	92.13	359.08	9,845.18	3,194.71	241.62	384,613.23	811,723.82	32.054377	-103.460585	3,199.43	3.14	-1.33	2.84	
13,665.00	92.09	0.22	9,841.68	3,289.64	241.04	384,708.16	811,723.24	32.054638	-103.460585	3,294.33	1.20	-0.04	1.20	
13,760.00	91.21	359.43	9,838.95	3,384.60	240.75	384,803.12	811,722.95	32.054899	-103.460583	3,389.25	1.24	-0.93	-0.83	
13,855.00	91.38	359.78	9,836.80	3,479.57	240.09	384,898.09	811,722.29	32.055160	-103.460583	3,484.19	0.41	0.18	0.37	
13,951.00	91.69	359.34	9,834.23	3,575.53	239.35	384,994.05	811,721.55	32.055424	-103.460583	3,580.11	0.56	0.32	-0.46	
14,047.00	91.65	359.17	9,831.43	3,671.49	238.11	385,090.01	811,720.31	32.055688	-103.460584	3,676.00	0.18	-0.04	-0.18	
14,141.00	92.22	359.34	9,828.26	3,765.42	236.89	385,183.94	811,719.09	32.055946	-103.460586	3,769.89	0.63	0.61	0.18	
14,236.00	91.65	0.05	9,825.05	3,860.37	236.38	385,278.89	811,718.58	32.056207	-103.460585	3,864.79	0.96	-0.60	0.75	
14,332.00	91.78	359.52	9,822.18	3,956.32	236.02	385,374.84	811,718.22	32.056471	-103.460584	3,960.72	0.57	0.14	-0.55	
14,427.00	91.16	359.69	9,819.74	4,051.29	235.37	385,469.81	811,717.57	32.056732	-103.460583	4,055.64	0.68	-0.65	0.18	
14,521.00	91.12	359.69	9,817.87	4,145.27	234.86	385,563.79	811,717.06	32.056990	-103.460582	4,149.58	0.04	-0.04	0.00	



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well North Blondie 3-15 Fed Com 102H
Project:	Lea County, NM (NAD83)	TVD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Site:	North Blondie 3-15 Fed Com Pad	MD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Well:	North Blondie 3-15 Fed Com 102H	North Reference:	Grid
Wellbore:	OH (SW-240452)	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	.Total Directional Production DB

Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,617.00	90.37	359.69	9,816.62	4,241.26	234.34	385,659.78	811,716.54	32.057254	-103.460582	4,245.54	0.78	-0.78	0.00
14,712.00	90.86	359.61	9,815.60	4,336.25	233.76	385,754.77	811,715.96	32.057515	-103.460581	4,340.49	0.52	0.52	-0.08
14,808.00	90.81	359.34	9,814.20	4,432.24	232.88	385,850.76	811,715.08	32.057779	-103.460581	4,436.43	0.29	-0.05	-0.28
14,903.00	90.46	358.81	9,813.15	4,527.22	231.34	385,945.74	811,713.54	32.058040	-103.460584	4,531.35	0.67	-0.37	-0.56
14,998.00	90.33	358.38	9,812.50	4,622.19	229.02	386,040.71	811,711.22	32.058301	-103.460589	4,626.24	0.47	-0.14	-0.45
15,092.00	90.73	357.85	9,811.63	4,716.13	225.92	386,134.65	811,708.12	32.058559	-103.460596	4,720.09	0.71	0.43	-0.56
15,187.00	91.25	357.85	9,809.99	4,811.05	222.36	386,229.57	811,704.56	32.058820	-103.460605	4,814.90	0.55	0.55	0.00
15,282.00	91.69	357.67	9,807.55	4,905.95	218.65	386,324.47	811,700.85	32.059081	-103.460615	4,909.69	0.50	0.46	-0.19
15,377.00	92.09	357.14	9,804.42	5,000.80	214.35	386,419.32	811,696.55	32.059342	-103.460626	5,004.41	0.70	0.42	-0.56
15,472.00	93.19	356.97	9,800.04	5,095.57	209.47	386,514.09	811,691.67	32.059603	-103.460640	5,099.05	1.17	1.16	-0.18
15,567.00	93.89	357.32	9,794.17	5,190.27	204.75	386,608.79	811,686.95	32.059863	-103.460652	5,193.61	0.82	0.74	0.37
15,663.00	90.73	0.40	9,790.30	5,286.15	202.85	386,704.67	811,685.05	32.060127	-103.460656	5,289.42	4.59	-3.29	3.21
15,758.00	90.86	1.19	9,788.99	5,381.13	204.16	386,799.65	811,686.36	32.060388	-103.460649	5,384.41	0.84	0.14	0.83
15,853.00	91.30	1.28	9,787.20	5,476.09	206.21	386,894.61	811,688.41	32.060649	-103.460640	5,479.39	0.47	0.46	0.09
15,948.00	91.03	0.57	9,785.26	5,571.06	207.74	386,989.58	811,689.94	32.060910	-103.460633	5,574.37	0.80	-0.28	-0.75
16,044.00	89.98	0.05	9,784.42	5,667.05	208.26	387,085.57	811,690.46	32.061174	-103.460629	5,670.35	1.22	-1.09	-0.54
16,139.00	91.03	359.87	9,783.58	5,762.05	208.20	387,180.57	811,690.40	32.061435	-103.460626	5,765.32	1.12	1.11	-0.19
16,234.00	89.76	358.29	9,782.93	5,857.03	206.67	387,275.55	811,688.87	32.061696	-103.460629	5,860.24	2.13	-1.34	-1.66
16,330.00	89.85	357.58	9,783.25	5,952.96	203.21	387,371.48	811,685.41	32.061959	-103.460637	5,956.07	0.75	0.09	-0.74
16,425.00	87.87	357.06	9,785.14	6,047.84	198.77	387,466.36	811,680.97	32.062220	-103.460649	6,050.81	2.15	-2.08	-0.55
16,520.00	90.77	358.73	9,786.27	6,142.75	195.28	387,561.27	811,677.48	32.062481	-103.460658	6,145.62	3.52	3.05	1.76
16,615.00	91.12	359.25	9,784.70	6,237.72	193.61	387,656.24	811,675.81	32.062742	-103.460661	6,240.53	0.66	0.37	0.55
16,709.00	91.52	359.43	9,782.54	6,331.69	192.53	387,750.21	811,674.73	32.063001	-103.460662	6,334.45	0.47	0.43	0.19
16,804.00	92.52	359.25	9,779.19	6,426.63	191.43	387,845.15	811,673.63	32.063262	-103.460663	6,429.33	1.07	1.05	-0.19
16,899.00	93.05	358.99	9,774.57	6,521.50	189.98	387,940.02	811,672.18	32.063523	-103.460665	6,524.15	0.62	0.56	-0.27
16,994.00	93.89	358.64	9,768.82	6,616.31	188.02	388,034.83	811,670.22	32.063783	-103.460669	6,618.88	0.96	0.88	-0.37
17,089.00	93.89	357.94	9,762.38	6,711.04	185.19	388,129.56	811,667.39	32.064044	-103.460676	6,713.53	0.74	0.00	-0.74
17,184.00	94.42	357.32	9,755.49	6,805.71	181.27	388,224.23	811,663.47	32.064304	-103.460686	6,808.08	0.86	0.56	-0.65
17,279.00	91.30	357.14	9,750.76	6,900.47	176.68	388,318.99	811,658.88	32.064564	-103.460698	6,902.71	3.29	-3.28	-0.19
17,374.00	90.64	356.71	9,749.15	6,995.32	171.59	388,413.84	811,653.79	32.064825	-103.460712	6,997.42	0.83	-0.69	-0.45
17,419.00	90.58	356.53	9,748.67	7,040.24	168.93	388,458.76	811,651.13	32.064949	-103.460720	7,042.26	0.43	-0.14	-0.41
X LTP - 17419' MD (100' FNL; 1734' FWL)													
17,440.00	90.55	356.44	9,748.46	7,061.20	167.65	388,479.72	811,649.85	32.065006	-103.460723	7,063.19	0.43	-0.14	-0.41
Final Survey - 17440' MD													
17,495.00	90.55	356.44	9,747.93	7,116.09	164.23	388,534.61	811,646.43	32.065157	-103.460733	7,117.99	0.00	0.00	0.00
PTD - 17495' MD (23' FNL; 1730' FWL)													



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well North Blondie 3-15 Fed Com 102H
Project:	Lea County, NM (NAD83)	TVD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Site:	North Blondie 3-15 Fed Com Pad	MD Reference:	3276.90' GE + 25' KB @ 3301.90usft (HP 470)
Well:	North Blondie 3-15 Fed Com 102H	North Reference:	Grid
Wellbore:	OH (SW-240452)	Survey Calculation Method:	Minimum Curvature
Design:	Final Surveys	Database:	.Total Directional Production DB

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,238.00	9,187.77	-662.27	290.77	KOP - 9238' MD
12,235.00	9,852.94	1,861.26	281.18	X SEC - 12235' MD (0' FSL; 1800' FWL)
17,419.00	9,748.67	7,040.24	168.93	X LTP - 17419' MD (100' FNL; 1734' FWL)
17,440.00	9,748.46	7,061.20	167.65	Final Survey - 17440' MD
17,495.00	9,747.93	7,116.09	164.23	PTD - 17495' MD (23' FNL; 1730' FWL)

Checked By: _____

Approved By: _____

Date: _____

C-105	State of New Mexico	Revised July 9, 2024
Submit Electronically Via OCD Permitting	Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/> Plugback <input type="checkbox"/> Different Reservoir <input type="checkbox"/> C-144 Closure Attachment <input type="checkbox"/> Other	
Operator Name:	OGRID:
Property Name and Well Number:	Property Code:
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-0
Pool Name:	Pool Code:

Section 2 – Well Location

	UI or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:										
BHL										

Section 3 – Completion Information

Date T.D. Reached	Total Measured Depth of Well	Acid Volume (bbls)	<input type="checkbox"/> Directional Survey Submitted <input type="checkbox"/> Deviation Survey Submitted
Date Rig Released	Plug-Back Measured Depth	Completion Fluid Used (bbls)	Were Logs Ran (Y/N)
Completion Date	Perforations (MD and TVD)	Completion Proppant Used (lbs)	List Type of Logs Ran if applicable:

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID:	UIC Permit/Order (UIC wells only) <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID:	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID:	Cement Squeeze Action ID (if applicable):
Tubing Action ID:	All casing was pressure tested in accordance with NMAC <input type="checkbox"/> Yes <input type="checkbox"/> No
Liner 1 Action ID:	Casing was installed prior to Action ID system (Y/N):

Section 5 – Test Data

Date First Production	Production Method	Well Status	Gas – Oil Ratio
Date of Test	Choke Size	Flowing Tubing Pressure	Casing Pressure
24 hr Oil (bbls)	24 hr Gas (MCF)	24 hr Water (bbls)	Oil Gravity - API
Disposition of Gas:			

Section 6 – Pits

<input type="checkbox"/> A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
<input type="checkbox"/> A Closed Loop System was used.
<input type="checkbox"/> If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____

Section 7 - Operator Signature and Certification

<input type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
<input type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
<input type="checkbox"/> 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.	
Name <div>Rebecca Deal</div>	
Title	Date

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

ACKNOWLEDGMENTS

Action 400784

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 400784
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	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.

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

CONDITIONS

Action 400784

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 400784
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval.	2/25/2025
plmartinez	Please submit Well Log (s) as documented on the C-105 and submit as [UF-WL] EP Well Log Submission.	2/25/2025