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Form C-102

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: (505) 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

Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

as Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45439	² Pool Code 39350	³ Pool Name Livingston Ridge; Bonespring
⁴ Property Code 316874	⁵ Property Name TOMB RAIDER 1-12 FED	⁶ Well Number 525H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3475.8

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
2	1	23 S	31 E		360	NORTH	2335	EAST	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
O	12	23 S	31 E		216	SOUTH	1854	EAST	EDDY
¹² Dedicated Acres 640	¹³ Joint or Infill ☒	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

NW CORNER SEC. 1 LAT. = 32.3407245°N LONG. = 103.7400556°W NWSP EAST (FT) N = 488195.03 E = 724564.59 W/4 CORNER SEC. 1 LAT. = 32.3334649°N LONG. = 103.7400345°W NWSP EAST (FT) N = 485554.08 E = 724585.72 SW CORNER SEC. 1 LAT. = 32.3262057°N LONG. = 103.7400123°W NWSP EAST (FT) N = 482913.26 E = 724607.20 W/4 CORNER SEC. 12 LAT. = 32.3189531°N LONG. = 103.7400200°W NWSP EAST (FT) N = 480274.75 E = 724619.44 SW CORNER SEC. 12 LAT. = 32.3116999°N LONG. = 103.7400280°W NWSP EAST (FT) N = 477636.10 E = 724631.57		N89°43'53"E 2641.72 FT N/4 CORNER SEC. 1 LAT. = 32.3407180°N LONG. = 103.7315040°W NWSP EAST (FT) N = 488207.42 E = 727205.71 AS-DRILLED KOP 62' FNL, 1861' FEL LAT. = 32.3405464°N LONG. = 103.7289811°W NWSP EAST (FT) N = 488149.36 E = 727985.22 W/4 CORNER SEC. 1 LAT. = 32.3262026°N LONG. = 103.7314852°W NWSP EAST (FT) N = 482926.80 E = 727241.16 S/4 CORNER SEC. 12 LAT. = 32.3116999°N LONG. = 103.7314858°W NWSP EAST (FT) N = 477650.42 E = 727267.52			N89°44'06"E 2640.70 FT KOP 2335' SHL FTP LAT. = 32.3397276°N (NAD83) LONG. = 103.7305146°W NWSP EAST (FT) N = 487848.84 E = 727513.29 AS-DRILLED FIRST TAKE POINT 529' FNL, 1849' FEL LAT. = 32.3392609°N LONG. = 103.7289401°W NWSP EAST (FT) N = 487681.79 E = 728000.55 SE CORNER SEC. 1 LAT. = 32.3262014°N LONG. = 103.7229554°W NWSP EAST (FT) N = 482941.27 E = 729875.98 E/4 CORNER SEC. 12 LAT. = 32.3189486°N LONG. = 103.7229585°W NWSP EAST (FT) N = 477663.17 E = 729904.77		NE CORNER SEC. 1 LAT. = 32.3407105°N LONG. = 103.7229557°W NWSP EAST (FT) N = 488219.63 E = 729845.81 E/4 CORNER SEC. 1 LAT. = 32.3334654°N LONG. = 103.7229555°W NWSP EAST (FT) N = 485580.24 E = 729860.91 SE CORNER SEC. 1 LAT. = 32.3262014°N LONG. = 103.7229554°W NWSP EAST (FT) N = 482941.27 E = 729875.98 E/4 CORNER SEC. 12 LAT. = 32.3189486°N LONG. = 103.7229585°W NWSP EAST (FT) N = 477663.17 E = 729904.77		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. <i>Jenny Harms</i> 9-11-2019 Signature Date Jenny Harms Printed Name Jenny.harms@dmv.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. AUGUST 22, 2019 Date of Survey <i>FILMON F. JARAMILA</i> Signature and Seal of Licensed Surveyor: Certificate Number: FILMON F. JARAMILA 2797 EXPIRATION DATE: 12/31/2019	
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RWP 3-24-20

Intent ☐ As Drilled ☒

API #

30-05-45439

Operator Name:

DEVON ENERGY PRODUCTION CO., L.P.

Property Name:

TOMB RAIDER 1-12 FED

Well Number

525H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	1	23S	31E	2	62	NORTH	1861	EAST	EDDY
Latitude					Longitude			NAD	
32.3405464					103.7289811			83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	1	23S	31E	2	529	NORTH	1849	EAST	EDDY
Latitude					Longitude			NAD	
32.3392609					103.7289401			83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	12	23S	31E		348	SOUTH	1852	EAST	EDDY
Latitude					Longitude			NAD	
32.3126523					103.7289515			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 #

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 **12/06/18** thru **12/31/18** conduct or supervise the taking of a **MWD Survey** from a depth of **175'** to a depth of **19194'**; 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 **Tomb Raider 1-12 Fed 525H** API No. **30-015-45439** 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

Notarized



Devon Energy

Eddy Co., NM (Nad83 - East Zone)

Tomb Raider 1-12 Fed

#525H

OH

Design: OH

End Of Well Report

02 January, 2019



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SEP 12 2019

DISTRICT/ARTESIAO.C.D.



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Project:	Eddy 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:	Tomb Raider 1-12 Fed				
Site Position:	Northing:	487,848.73 usft	Latitude:	32.339728	
From:	Map	Easting:	727,483.34 usft	Longitude:	-103.730612
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.32 °

Well:	#525H					
Well Position	+N/-S	0.00 usft	Northing:	487,848.84 usft	Latitude:	32.339728
	+E/-W	0.00 usft	Easting:	727,513.29 usft	Longitude:	-103.730515
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,475.80 usft	

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2015	11/27/2018	(°)	(°)	(nT)
			6.88	60.12	47,840.76989005

Design:	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.00	0.00	0.00	179.67	

Survey Program	Date 1/2/2019			
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
175.00	19,194.00	Survey #1 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
175.00	0.84	265.66	174.99	-0.10	-1.28	0.09	175.00	265.66	0.48	
267.00	0.97	272.87	266.98	-0.11	-2.73	0.09	92.00	269.52	0.19	
359.00	1.10	263.29	358.97	-0.17	-4.38	0.15	92.00	267.78	0.23	
452.00	0.97	272.08	451.95	-0.25	-6.06	0.21	93.00	267.41	0.22	
545.00	0.97	260.39	544.94	-0.35	-7.62	0.31	93.00	266.24	0.21	
637.00	0.57	252.39	636.93	-0.62	-8.82	0.57	92.00	257.43	0.45	
730.00	0.44	248.17	729.93	-0.89	-9.60	0.84	93.00	250.55	0.15	
760.00	0.48	245.36	759.93	-0.99	-9.82	0.93	30.00	246.70	0.15	
881.00	0.40	235.25	880.92	-1.44	-10.63	1.38	121.00	240.77	0.09	
974.00	0.44	227.34	973.92	-1.87	-11.15	1.80	93.00	231.11	0.08	
1,066.00	0.26	244.04	1,065.92	-2.20	-11.60	2.13	92.00	233.53	0.22	
1,158.00	0.48	83.20	1,157.92	-2.24	-11.41	2.18	92.00	103.20	0.79	
1,252.00	0.92	80.04	1,251.91	-2.07	-10.27	2.01	94.00	81.12	0.47	
1,345.00	0.70	82.23	1,344.90	-1.86	-8.97	1.81	93.00	80.99	0.24	
1,437.00	0.48	85.49	1,436.90	-1.75	-8.03	1.71	92.00	83.56	0.24	
1,529.00	0.44	73.62	1,528.89	-1.62	-7.31	1.58	92.00	79.81	0.11	
1,621.00	0.40	87.95	1,620.89	-1.51	-6.65	1.48	92.00	80.44	0.12	
1,714.00	0.26	72.21	1,713.89	-1.44	-6.13	1.40	93.00	81.76	0.18	
1,809.00	0.22	68.52	1,808.89	-1.30	-5.75	1.27	95.00	70.52	0.05	
1,903.00	0.18	47.34	1,902.89	-1.14	-5.47	1.11	94.00	59.00	0.09	
1,998.00	0.22	83.38	1,997.89	-1.02	-5.18	0.99	95.00	67.22	0.14	
2,093.00	0.04	28.62	2,092.89	-0.97	-4.99	0.94	95.00	75.73	0.21	
2,188.00	0.04	190.69	2,187.89	-0.97	-4.98	0.94	95.00	109.65	0.08	
2,282.00	0.04	220.31	2,281.89	-1.03	-5.00	1.00	94.00	205.50	0.02	
2,377.00	0.31	81.00	2,376.89	-1.01	-4.77	0.98	95.00	86.33	0.36	
2,471.00	0.53	64.22	2,470.88	-0.78	-4.13	0.76	94.00	70.40	0.27	



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
2,566.00	1.10	92.43	2,565.87	-0.63	-2.82	0.61	95.00	83.35	0.72	
2,661.00	2.11	46.37	2,660.84	0.54	-0.64	-0.54	95.00	61.78	1.64	
2,755.00	2.95	44.97	2,754.75	3.44	2.32	-3.43	94.00	45.55	0.90	
2,850.00	3.87	51.91	2,849.58	7.15	6.57	-7.11	95.00	48.91	1.06	
2,945.00	5.14	58.06	2,944.28	11.38	12.70	-11.31	95.00	55.42	1.43	
3,040.00	6.29	57.71	3,038.81	16.41	20.71	-16.29	95.00	57.87	1.21	
3,134.00	6.59	58.77	3,132.22	21.96	29.68	-21.79	94.00	58.25	0.34	
3,229.00	5.93	58.24	3,226.65	27.37	38.51	-27.15	95.00	58.52	0.70	
3,324.00	5.49	55.60	3,321.18	32.52	46.44	-32.25	95.00	56.97	0.54	
3,418.00	6.15	54.20	3,414.69	38.00	54.23	-37.69	94.00	54.86	0.72	
3,513.00	6.73	53.85	3,509.09	44.26	62.85	-43.90	95.00	54.02	0.61	
3,608.00	6.68	57.10	3,603.44	50.55	71.99	-50.13	95.00	55.47	0.40	
3,702.00	6.20	59.38	3,696.85	56.10	80.94	-55.64	94.00	58.20	0.58	
3,797.00	6.02	62.46	3,791.31	61.02	89.78	-60.50	95.00	60.90	0.39	
3,892.00	5.49	62.37	3,885.83	65.43	98.22	-64.86	95.00	62.42	0.56	
3,986.00	5.63	60.79	3,979.39	69.77	106.23	-69.15	94.00	61.57	0.22	
4,081.00	6.73	60.44	4,073.84	74.79	115.14	-74.12	95.00	60.60	1.16	
4,176.00	6.90	60.61	4,168.16	80.33	124.95	-79.61	95.00	60.53	0.18	
4,271.00	6.42	64.48	4,262.52	85.42	134.72	-84.65	95.00	62.48	0.69	
4,365.00	5.71	61.76	4,356.00	89.90	143.58	-89.07	94.00	63.20	0.81	
4,459.00	6.33	60.70	4,449.48	94.65	152.22	-93.77	94.00	61.20	0.67	
4,554.00	6.15	57.80	4,543.92	99.92	161.09	-98.99	95.00	59.27	0.38	
4,649.00	6.20	58.15	4,638.36	105.34	169.75	-104.36	95.00	57.98	0.07	
4,737.00	6.64	58.59	4,725.81	110.50	178.13	-109.47	88.00	58.38	0.50	
4,832.00	6.29	57.98	4,820.21	116.12	187.23	-115.04	95.00	58.29	0.38	
4,927.00	5.80	59.38	4,914.68	121.33	195.78	-120.20	95.00	58.65	0.54	
5,021.00	5.85	55.69	5,008.19	126.45	203.82	-125.27	94.00	57.53	0.40	



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
5,116.00	6.68	55.34	5,102.63	132.32	212.37	-131.09	95.00	55.50	0.87	
5,211.00	7.16	55.60	5,196.93	138.81	221.80	-137.53	95.00	55.47	0.51	
5,305.00	6.68	53.49	5,290.25	145.37	231.02	-144.03	94.00	54.58	0.58	
5,400.00	5.93	52.35	5,384.67	151.65	239.35	-150.27	95.00	52.95	0.80	
5,494.00	6.37	51.30	5,478.13	157.88	247.26	-156.45	94.00	51.81	0.48	
5,589.00	6.99	51.91	5,572.49	164.74	255.93	-163.26	95.00	51.62	0.66	
5,684.00	6.20	50.86	5,666.86	171.54	264.46	-170.02	95.00	51.42	0.84	
5,779.00	7.12	54.72	5,761.22	178.18	273.24	-176.61	95.00	52.92	1.08	
5,873.00	7.60	55.95	5,854.44	185.03	283.15	-183.39	94.00	55.35	0.54	
5,946.00	7.16	54.99	5,926.84	190.34	290.87	-188.66	73.00	55.48	0.63	
6,064.00	6.37	54.28	6,044.01	198.38	302.21	-196.64	118.00	54.66	0.67	
6,159.00	6.15	53.32	6,138.45	204.50	310.57	-202.71	95.00	53.81	0.26	
6,253.00	6.64	52.97	6,231.86	210.78	318.95	-208.94	94.00	53.14	0.52	
6,348.00	7.16	55.25	6,326.17	217.46	328.20	-215.57	95.00	54.15	0.62	
6,442.00	7.38	55.34	6,419.42	224.23	337.98	-222.28	94.00	55.30	0.23	
6,538.00	7.47	53.23	6,514.61	231.48	348.05	-229.47	96.00	54.28	0.30	
6,632.00	7.38	52.88	6,607.83	238.78	357.75	-236.71	94.00	53.06	0.11	
6,726.00	7.25	54.20	6,701.06	245.89	367.38	-243.77	94.00	53.53	0.23	
6,821.00	7.34	54.46	6,795.29	252.92	377.18	-250.75	95.00	54.33	0.10	
6,916.00	5.80	61.23	6,889.67	258.76	386.32	-256.53	95.00	57.45	1.81	
7,011.00	5.41	63.51	6,984.21	263.07	394.54	-260.79	95.00	62.33	0.47	
7,105.00	4.88	64.74	7,077.83	266.75	402.12	-264.43	94.00	64.09	0.58	
7,200.00	4.84	67.12	7,172.49	270.04	409.47	-267.67	95.00	65.93	0.22	
7,295.00	4.53	71.07	7,267.17	272.81	416.71	-270.41	95.00	69.03	0.47	
7,389.00	4.48	70.90	7,360.88	275.22	423.69	-272.77	94.00	70.99	0.06	
7,484.00	4.35	74.15	7,455.60	277.41	430.66	-274.93	95.00	72.50	0.30	
7,579.00	4.26	75.47	7,550.33	279.28	437.54	-276.76	95.00	74.80	0.14	



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
7,673.00	4.13	67.12	7,644.08	281.48	444.04	-278.91	94.00	71.36	0.66	
7,768.00	3.65	55.08	7,738.87	284.54	449.67	-281.94	95.00	61.47	0.99	
7,862.00	3.34	51.56	7,832.69	287.95	454.27	-285.33	94.00	53.40	0.40	
7,957.00	2.90	49.89	7,927.55	291.22	458.28	-288.58	95.00	50.78	0.47	
8,052.00	2.86	49.45	8,022.43	294.31	461.92	-291.64	95.00	49.67	0.05	
8,147.00	1.76	46.73	8,117.35	296.85	464.78	-294.17	95.00	48.41	1.16	
8,241.00	1.41	48.92	8,211.31	298.60	466.70	-295.91	94.00	47.70	0.38	
8,336.00	1.19	61.32	8,306.29	299.84	468.45	-297.14	95.00	54.59	0.37	
8,431.00	0.97	59.47	8,401.27	300.72	470.01	-298.01	95.00	60.49	0.23	
8,526.00	0.97	43.03	8,496.26	301.72	471.25	-299.00	95.00	51.25	0.29	
8,619.00	2.73	165.82	8,589.23	300.15	472.33	-297.42	93.00	145.51	3.61	
8,682.00	12.75	178.83	8,651.58	291.72	472.84	-288.99	63.00	176.53	16.05	
8,714.00	17.41	177.95	8,682.47	283.40	473.08	-280.67	32.00	178.32	14.58	
8,809.00	25.19	175.13	8,770.91	249.00	475.31	-246.26	95.00	176.29	8.26	
8,903.00	31.74	178.56	8,853.51	204.30	477.63	-201.54	94.00	177.03	7.18	
8,997.00	39.03	178.30	8,930.09	149.92	479.13	-147.16	94.00	178.42	7.76	
9,092.00	49.32	179.44	8,998.14	83.83	480.38	-81.06	95.00	178.92	10.86	
9,187.00	60.75	176.19	9,052.50	6.18	483.49	-3.40	95.00	177.70	12.35	
9,281.00	66.86	178.12	9,093.98	-78.02	487.64	80.82	94.00	177.18	6.76	
9,376.00	72.62	182.17	9,126.87	-167.08	487.36	169.88	95.00	180.18	7.26	
9,470.00	86.99	178.83	9,143.47	-259.33	486.61	262.13	94.00	180.46	15.68	
9,528.00	89.58	177.95	9,145.21	-317.28	488.24	320.09	58.00	178.39	4.72	
9,623.00	88.53	179.18	9,146.77	-412.23	490.62	415.05	95.00	178.56	1.70	
9,718.00	88.97	179.53	9,148.85	-507.21	491.69	510.03	95.00	179.36	0.59	
9,813.00	89.98	179.88	9,149.72	-602.20	492.18	605.02	95.00	179.71	1.13	
9,907.00	88.48	180.41	9,150.98	-696.19	491.94	699.01	94.00	180.14	1.69	
10,002.00	89.19	180.23	9,152.91	-791.16	491.41	793.98	95.00	180.32	0.77	



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
10,097.00	90.42	180.06	9,153.23	-886.16	491.17	888.98	95.00	180.14	1.31	
10,192.00	89.23	180.41	9,153.52	-981.16	490.78	983.97	95.00	180.23	1.31	
10,286.00	89.45	180.41	9,154.61	-1,075.15	490.11	1,077.96	94.00	180.41	0.23	
10,379.00	88.26	179.88	9,156.47	-1,168.13	489.87	1,170.93	93.00	180.15	1.40	
10,472.00	89.01	179.44	9,158.68	-1,261.10	490.42	1,263.90	93.00	179.66	0.93	
10,564.00	91.03	178.91	9,158.65	-1,353.09	491.75	1,355.90	92.00	179.18	2.27	
10,656.00	89.80	178.91	9,157.98	-1,445.07	493.50	1,447.88	92.00	178.91	1.34	
10,748.00	89.32	179.97	9,158.69	-1,537.06	494.40	1,539.88	92.00	179.44	1.26	
10,841.00	87.47	180.41	9,161.29	-1,630.02	494.09	1,632.83	93.00	180.19	2.04	
10,933.00	87.82	180.41	9,165.07	-1,721.94	493.43	1,724.75	92.00	180.41	0.38	
11,025.00	89.01	180.50	9,167.62	-1,813.90	492.70	1,816.70	92.00	180.46	1.30	
11,118.00	90.29	180.06	9,168.19	-1,906.89	492.25	1,909.69	93.00	180.28	1.46	
11,212.00	89.10	179.27	9,168.69	-2,000.88	492.80	2,003.69	94.00	179.67	1.52	
11,304.00	90.59	179.44	9,168.94	-2,092.88	493.83	2,095.69	92.00	179.36	1.63	
11,397.00	89.89	179.88	9,168.55	-2,185.87	494.39	2,188.68	93.00	179.66	0.89	
11,489.00	90.55	179.79	9,168.19	-2,277.87	494.65	2,280.68	92.00	179.84	0.72	
11,581.00	88.88	179.97	9,168.65	-2,369.87	494.84	2,372.68	92.00	179.88	1.83	
11,674.00	88.31	179.70	9,170.93	-2,462.84	495.11	2,465.65	93.00	179.84	0.68	
11,769.00	88.18	179.27	9,173.84	-2,557.79	495.96	2,560.60	95.00	179.49	0.47	
11,863.00	89.23	179.27	9,175.96	-2,651.76	497.16	2,654.58	94.00	179.27	1.12	
11,958.00	90.29	179.53	9,176.36	-2,746.75	498.16	2,749.57	95.00	179.40	1.15	
12,052.00	88.84	179.97	9,177.08	-2,840.74	498.57	2,843.57	94.00	179.75	1.61	
12,147.00	88.79	180.32	9,179.04	-2,935.72	498.33	2,938.54	95.00	180.14	0.37	
12,242.00	89.67	180.32	9,180.32	-3,030.71	497.80	3,033.53	95.00	180.32	0.93	
12,336.00	90.95	180.76	9,179.81	-3,124.70	496.91	3,127.51	94.00	180.54	1.44	
12,430.00	90.02	180.32	9,179.01	-3,218.69	496.02	3,221.50	94.00	180.54	1.09	
12,525.00	90.81	181.02	9,178.33	-3,313.68	494.91	3,316.48	95.00	180.67	1.11	



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
12,620.00	90.15	179.18	9,177.53	-3,408.68	494.75	3,411.47	95.00	180.10	2.06	
12,714.00	91.21	179.35	9,176.41	-3,502.66	495.95	3,505.46	94.00	179.26	1.14	
12,809.00	90.02	179.00	9,175.39	-3,597.64	497.32	3,600.45	95.00	179.17	1.31	
12,903.00	89.32	178.65	9,175.94	-3,691.62	499.25	3,694.43	94.00	178.83	0.83	
12,998.00	89.76	179.18	9,176.70	-3,786.60	501.05	3,789.42	95.00	178.92	0.73	
13,092.00	90.86	179.62	9,176.19	-3,880.59	502.03	3,883.42	94.00	179.40	1.26	
13,187.00	89.45	180.23	9,175.93	-3,975.59	502.16	3,978.41	95.00	179.93	1.62	
13,281.00	90.51	180.06	9,175.97	-4,069.59	501.92	4,072.41	94.00	180.14	1.14	
13,376.00	88.22	179.27	9,177.02	-4,164.57	502.47	4,167.40	95.00	179.67	2.55	
13,470.00	89.63	179.53	9,178.78	-4,258.55	503.46	4,261.38	94.00	179.40	1.53	
13,565.00	90.99	179.62	9,178.27	-4,353.54	504.16	4,356.37	95.00	179.57	1.43	
13,660.00	91.21	181.02	9,176.44	-4,448.52	503.63	4,451.35	95.00	180.32	1.49	
13,754.00	91.30	179.88	9,174.39	-4,542.49	502.89	4,545.31	94.00	180.45	1.22	
13,849.00	90.51	179.44	9,172.88	-4,637.48	503.46	4,640.30	95.00	179.66	0.95	
13,947.00	87.74	180.85	9,174.38	-4,735.46	503.21	4,738.28	98.00	180.14	3.17	
14,041.00	88.13	179.88	9,177.77	-4,829.39	502.61	4,832.21	94.00	180.36	1.11	
14,135.00	88.62	179.62	9,180.43	-4,923.35	503.02	4,926.17	94.00	179.75	0.59	
14,230.00	89.14	179.35	9,182.29	-5,018.33	503.87	5,021.15	95.00	179.48	0.62	
14,324.00	90.02	179.35	9,182.98	-5,112.32	504.94	5,115.14	94.00	179.35	0.94	
14,418.00	90.46	178.91	9,182.59	-5,206.31	506.37	5,209.14	94.00	179.13	0.66	
14,513.00	91.25	179.09	9,181.17	-5,301.28	508.03	5,304.12	95.00	179.00	0.85	
14,608.00	89.80	179.18	9,180.30	-5,396.26	509.46	5,399.11	95.00	179.14	1.53	
14,702.00	89.93	178.74	9,180.52	-5,490.25	511.17	5,493.10	94.00	178.96	0.49	
14,797.00	90.90	178.74	9,179.83	-5,585.22	513.26	5,588.09	95.00	178.74	1.02	
14,892.00	90.81	178.56	9,178.41	-5,680.19	515.49	5,683.06	95.00	178.65	0.21	
14,986.00	90.59	178.56	9,177.27	-5,774.15	517.86	5,777.04	94.00	178.56	0.23	
15,081.00	89.76	179.62	9,176.98	-5,869.13	519.36	5,872.03	95.00	179.09	1.42	



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
15,175.00	90.15	179.88	9,177.05	-5,963.13	519.77	5,966.03	94.00	179.75	0.50	
15,270.00	90.95	179.53	9,176.14	-6,058.13	520.26	6,061.02	95.00	179.71	0.92	
15,365.00	89.67	180.41	9,175.62	-6,153.12	520.31	6,156.02	95.00	179.97	1.64	
15,459.00	89.80	180.58	9,176.06	-6,247.12	519.50	6,250.01	94.00	180.50	0.23	
15,554.00	90.15	180.32	9,176.10	-6,342.11	518.75	6,345.00	95.00	180.45	0.46	
15,648.00	90.64	180.14	9,175.45	-6,436.11	518.38	6,438.99	94.00	180.23	0.56	
15,743.00	89.23	180.76	9,175.56	-6,531.10	517.63	6,533.98	95.00	180.45	1.62	
15,837.00	89.14	180.58	9,176.90	-6,625.09	516.53	6,627.95	94.00	180.67	0.21	
15,932.00	87.60	179.79	9,179.60	-6,720.05	516.23	6,722.91	95.00	180.19	1.82	
16,026.00	87.56	179.27	9,183.57	-6,813.96	517.00	6,816.82	94.00	179.53	0.55	
16,121.00	87.78	179.00	9,187.43	-6,908.87	518.43	6,911.74	95.00	179.13	0.37	
16,216.00	88.79	180.14	9,190.27	-7,003.82	519.14	7,006.70	95.00	179.57	1.60	
16,310.00	90.86	179.09	9,190.56	-7,097.81	519.77	7,100.69	94.00	179.61	2.47	
16,405.00	91.74	178.47	9,188.40	-7,192.77	521.79	7,195.65	95.00	178.78	1.13	
16,500.00	90.99	178.21	9,186.14	-7,287.70	524.55	7,290.60	95.00	178.34	0.84	
16,594.00	90.20	179.53	9,185.17	-7,381.67	526.40	7,384.58	94.00	178.87	1.64	
16,689.00	90.37	179.44	9,184.69	-7,476.67	527.25	7,479.58	95.00	179.49	0.20	
16,783.00	91.03	179.18	9,183.54	-7,570.65	528.39	7,573.57	94.00	179.31	0.75	
16,878.00	90.64	180.23	9,182.16	-7,665.64	528.87	7,668.56	95.00	179.71	1.18	
16,973.00	90.95	181.02	9,180.84	-7,760.62	527.84	7,763.53	95.00	180.62	0.89	
17,067.00	89.19	180.50	9,180.73	-7,854.61	526.59	7,857.51	94.00	180.76	1.95	
17,162.00	89.71	179.79	9,181.64	-7,949.61	526.35	7,952.51	95.00	180.14	0.93	
17,256.00	90.20	179.70	9,181.71	-8,043.60	526.77	8,046.50	94.00	179.74	0.53	
17,351.00	90.55	179.35	9,181.09	-8,138.60	527.56	8,141.50	95.00	179.53	0.52	
17,445.00	90.90	179.35	9,179.90	-8,232.58	528.62	8,235.49	94.00	179.35	0.37	
17,540.00	89.10	179.97	9,179.90	-8,327.58	529.19	8,330.49	95.00	179.66	2.00	
17,635.00	89.01	179.70	9,181.47	-8,422.57	529.46	8,425.48	95.00	179.84	0.30	



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	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)	
17,729.00	89.41	179.18	9,182.76	-8,516.55	530.38	8,519.46	94.00	179.44	0.70	
17,823.00	89.41	179.18	9,183.73	-8,610.54	531.72	8,613.46	94.00	179.18	0.00	
17,917.00	89.80	178.83	9,184.38	-8,704.52	533.36	8,707.45	94.00	179.00	0.56	
18,012.00	90.33	178.65	9,184.27	-8,799.50	535.45	8,802.43	95.00	178.74	0.59	
18,107.00	90.77	177.95	9,183.36	-8,894.45	538.26	8,897.40	95.00	178.30	0.87	
18,201.00	89.93	179.62	9,182.79	-8,988.42	540.26	8,991.39	94.00	178.79	1.99	
18,296.00	90.37	179.88	9,182.54	-9,083.42	540.67	9,086.38	95.00	179.75	0.54	
18,391.00	91.08	178.74	9,181.34	-9,178.40	541.81	9,181.37	95.00	179.31	1.41	
18,486.00	89.93	180.14	9,180.50	-9,273.39	542.74	9,276.36	95.00	179.44	1.91	
18,581.00	89.67	180.50	9,180.83	-9,368.39	542.21	9,371.36	95.00	180.32	0.47	
18,676.00	89.98	180.32	9,181.12	-9,463.39	541.53	9,466.35	95.00	180.41	0.38	
18,770.00	90.20	180.14	9,180.97	-9,557.39	541.16	9,560.34	94.00	180.23	0.30	
18,865.00	91.65	180.06	9,179.44	-9,652.37	540.99	9,655.33	95.00	180.10	1.53	
18,959.00	90.73	181.02	9,177.49	-9,746.34	540.10	9,749.29	94.00	180.54	1.41	
19,054.00	91.16	180.85	9,175.92	-9,841.32	538.55	9,844.26	95.00	180.94	0.49	
19,130.00	92.35	180.76	9,173.59	-9,917.27	537.49	9,920.21	76.00	180.81	1.57	
19,194.00	92.35	180.76	9,170.97	-9,981.21	536.64	9,984.14	64.00	180.76	0.00	
Final Station Closure Distance= 9995.63 /Direction= 176.92 - Projection to Bit: 19194.00' MD/ 9170.97' TVD - TD: Latitude = 32.312284 / Longitude = -103.728959 - TD: Y= 477867.63 / X= 728049.93										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
19,194.00	9,170.97	-9,981.21	536.64	Final Station Closure Distance= 9995.63 /Direction= 176.92
19,194.00	9,170.97	-9,981.21	536.64	Projection to Bit: 19194.00' MD/ 9170.97' TVD
19,194.00	9,170.97	-9,981.21	536.64	TD: Latitude = 32.312284 / Longitude = -103.728959
19,194.00	9,170.97	-9,981.21	536.64	TD: Y= 477867.63 / X= 728049.93



Wellbenders
End Of Well Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #525H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Site:	Tomb Raider 1-12 Fed	MD Reference:	RKB=30' @ 3505.80usft (Cactus 108)
Well:	#525H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Checked By: _____	Approved By: _____	Date: _____
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