

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 30-025-46477	² Pool Code 97899	³ Pool Name WC-025 G-06 S253206M; BONE SPRING
⁴ Property Code 326213	⁵ Property Name CHINCOTEAGUE 8-32 FED STATE COM	
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁶ Well Number 532H
		⁹ Elevation 3438.8

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
F	8	25 S	32 E		2318	NORTH	1405	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	24 S	32 E		104	NORTH	2307	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
801.01			

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. Signature: <i>Jenny Harms</i> Date: 6-18-2020 JENNY HARMS Printed Name: JENNY.HARMS@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 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: PLM 1005-2019-0000-LS 12797 Survey No. 7004

Intent ☐ As Drilled ☒API #
30-025-46477

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION CO., L.P.	CHINCOTEAGUE 8-32 FED STATE COM	532H

Kick Off Point (KOP)

UL F	Section 8	Township 25S	Range 32E	Lot	Feet 2595	From N/S NORTH	Feet 2315	From E/W WEST	County LEA
Latitude 32.1449781					Longitude 103.6983287			NAD 83	

First Take Point (FTP)

UL F	Section 8	Township 25S	Range 32E	Lot	Feet 2213	From N/S NORTH	Feet 2311	From E/W WEST	County LEA
Latitude 32.1460265					Longitude 103.6983359			NAD 83	

Last Take Point (LTP)

UL C	Section 32	Township 24S	Range 32E	Lot	Feet 177	From N/S NORTH	Feet 2313	From E/W WEST	County LEA
Latitude 32.1806799					Longitude 103.6977477			NAD 83	

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

☐ NO

Is this well an infill well?

☐ YES

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

API #

Operator Name:	Property Name:	Well Number



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **01/19/20** thru **02/03/20** conduct or supervise the taking of a **MWD Survey** from a depth of **264'** to a depth of **22030'**; 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 **Chincoteague 8-32 Fed State Com 532H** API No. **30-025-46477** in **Lea 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



Devon Energy

**Lea Co., NM (Nad83 - East Zone)
Chincoteague 8-32 Fed State Com
#532H
OH**

Design: OH

End Of Well Report

05 February, 2020



Wellbenders End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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	Chincoteague 8-32 Fed State Com		
Site Position:		Northing:	417,325.99 usft
From:	Map	Easting:	736,932.50 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.145730
		Longitude:	-103.701361
		Grid Convergence:	0.336 °

Well		#532H				
Well Position	+N/-S	0.00 usft	Northing:	417,326.27 usft	Latitude:	32.145730
	+E/-W	0.00 usft	Easting:	736,962.50 usft	Longitude:	-103.701264
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,438.80 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/14/2019	6.747	59.939	47,630.37479270

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	0.45	

Survey Program	Date	2/5/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
264.00	22,030.00	Survey #1 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM	



Wellbenders End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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
264.00	0.79	339.25	263.99	1.70	-0.64	1.70	264.00	339.25	0.30
356.00	0.48	341.10	355.99	2.66	-0.99	2.65	92.00	339.95	0.34
448.00	0.26	352.00	447.98	3.23	-1.15	3.22	92.00	344.93	0.25
539.00	0.04	272.54	538.98	3.44	-1.21	3.43	91.00	343.63	0.28
631.00	0.44	205.83	630.98	3.12	-1.39	3.11	92.00	210.44	0.46
699.00	0.40	209.44	698.98	2.68	-1.63	2.67	68.00	207.55	0.07
816.00	0.44	208.21	815.98	1.93	-2.04	1.91	117.00	208.80	0.04
907.00	1.14	109.59	906.97	1.32	-1.35	1.30	91.00	131.64	1.41
999.00	1.98	109.95	998.94	0.47	1.01	0.47	92.00	109.82	0.91
1,183.00	2.99	118.03	1,182.76	-2.87	8.23	-2.81	184.00	114.81	0.58
1,275.00	3.47	116.80	1,274.61	-5.26	12.83	-5.16	92.00	117.37	0.53
1,367.00	3.82	112.14	1,366.43	-7.67	18.16	-7.52	92.00	114.36	0.50
1,458.00	3.74	98.78	1,457.23	-9.26	23.90	-9.07	91.00	105.53	0.97
1,551.00	4.22	90.70	1,550.01	-9.77	30.32	-9.53	93.00	94.50	0.79
1,642.00	4.62	94.92	1,640.74	-10.12	37.32	-9.83	91.00	92.91	0.57
1,736.00	5.19	99.58	1,734.39	-11.15	45.28	-10.80	94.00	97.39	0.74
1,831.00	6.15	98.43	1,828.93	-12.62	54.55	-12.19	95.00	98.96	1.02
1,926.00	7.52	100.45	1,923.25	-14.49	65.70	-13.97	95.00	99.54	1.46
2,020.00	8.35	100.72	2,016.35	-16.87	78.45	-16.26	94.00	100.59	0.88
2,114.00	10.11	103.53	2,109.13	-20.07	93.18	-19.34	94.00	102.26	1.93
2,209.00	9.63	105.11	2,202.72	-24.10	108.96	-23.24	95.00	104.30	0.58
2,303.00	10.51	104.32	2,295.27	-28.27	124.86	-27.29	94.00	104.70	0.95
2,398.00	11.08	105.38	2,388.59	-32.83	142.06	-31.71	95.00	104.86	0.64
2,493.00	10.15	107.31	2,481.97	-37.74	158.85	-36.49	95.00	106.30	1.05
2,587.00	10.95	103.00	2,574.38	-42.22	175.46	-40.84	94.00	105.07	1.19
2,681.00	11.60	102.30	2,666.56	-46.24	193.39	-44.72	94.00	102.64	0.71



Wellbenders End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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)	
2,776.00	11.34	102.65	2,759.67	-50.32	211.83	-48.65	95.00	102.47	0.28	
2,871.00	11.16	102.30	2,852.84	-54.32	229.93	-52.51	95.00	102.48	0.20	
2,966.00	10.90	102.04	2,946.09	-58.15	247.70	-56.21	95.00	102.17	0.28	
3,060.00	9.98	102.04	3,038.53	-61.71	264.36	-59.63	94.00	102.04	0.98	
3,155.00	10.77	103.09	3,131.98	-65.43	281.05	-63.22	95.00	102.58	0.86	
3,250.00	11.43	103.35	3,225.20	-69.62	298.86	-67.27	95.00	103.22	0.70	
3,344.00	10.20	104.41	3,317.53	-73.84	315.98	-71.36	94.00	103.85	1.33	
3,439.00	10.81	104.50	3,410.93	-78.16	332.75	-75.55	95.00	104.46	0.64	
3,534.00	10.77	104.94	3,504.25	-82.68	349.95	-79.93	95.00	104.72	0.10	
3,628.00	9.49	105.11	3,596.79	-86.97	365.92	-84.09	94.00	105.02	1.36	
3,723.00	9.45	105.55	3,690.49	-91.10	381.00	-88.10	95.00	105.33	0.09	
3,817.00	10.15	105.64	3,783.12	-95.40	396.41	-92.28	94.00	105.60	0.74	
3,912.00	11.25	108.72	3,876.47	-100.63	413.24	-97.38	95.00	107.26	1.30	
4,007.00	10.59	109.51	3,969.75	-106.52	430.25	-103.14	95.00	109.10	0.71	
4,101.00	9.58	109.51	4,062.29	-112.02	445.76	-108.51	94.00	109.51	1.07	
4,196.00	10.77	110.03	4,155.80	-117.70	461.56	-114.07	95.00	109.79	1.26	
4,290.00	11.87	112.41	4,247.97	-124.39	478.75	-120.63	94.00	111.28	1.27	
4,384.00	11.16	115.04	4,340.08	-131.93	495.93	-128.03	94.00	113.68	0.94	
4,479.00	9.41	113.29	4,433.55	-138.89	511.39	-134.87	95.00	114.24	1.87	
4,573.00	8.31	114.34	4,526.42	-144.73	524.64	-140.60	94.00	113.78	1.18	
4,726.00	7.43	113.20	4,677.98	-153.18	543.80	-148.91	153.00	113.80	0.58	
4,820.00	8.40	109.16	4,771.08	-157.83	555.88	-153.46	94.00	111.06	1.19	
4,914.00	9.54	101.68	4,863.94	-161.66	569.99	-157.18	94.00	105.18	1.73	
5,008.00	10.99	101.07	4,956.43	-164.96	586.41	-160.35	94.00	101.35	1.55	
5,101.00	10.95	101.42	5,047.73	-168.41	603.77	-163.66	93.00	101.24	0.08	
5,196.00	10.90	99.22	5,141.01	-171.64	621.48	-166.75	95.00	100.32	0.44	
5,290.00	11.21	97.91	5,233.26	-174.32	639.30	-169.29	94.00	98.56	0.42	



Wellbenders
End Of Well Report

Rec'd

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Chincoteague 8-32 Fed State Com
Well: #532H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #532H
TVD Reference: RKB=30' @ 3468.80usft (Cactus 108)
MD Reference: RKB=30' @ 3468.80usft (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)	
5,385.00	11.25	96.41	5,326.45	-176.62	657.66	-171.45	95.00	97.16	0.31	
5,479.00	10.24	95.44	5,418.80	-178.44	675.09	-173.13	94.00	95.95	1.09	
5,574.00	9.85	94.83	5,512.34	-179.92	691.59	-174.49	95.00	95.14	0.43	
5,668.00	10.15	96.06	5,604.91	-181.48	707.84	-175.91	94.00	95.45	0.39	
5,764.00	10.02	96.06	5,699.43	-183.25	724.56	-177.55	96.00	96.06	0.14	
5,858.00	9.98	96.06	5,792.00	-184.97	740.79	-179.15	94.00	96.06	0.04	
5,953.00	10.20	94.92	5,885.53	-186.56	757.36	-180.61	95.00	95.48	0.31	
6,048.00	9.98	93.69	5,979.06	-187.81	773.95	-181.73	95.00	94.31	0.32	
6,143.00	10.07	93.07	6,072.61	-188.79	790.46	-182.58	95.00	93.38	0.15	
6,238.00	8.88	100.01	6,166.32	-190.51	805.97	-184.17	95.00	96.32	1.73	
6,333.00	7.96	101.16	6,260.29	-193.06	819.65	-186.61	95.00	100.55	0.98	
6,427.00	7.65	101.51	6,353.42	-195.56	832.17	-189.02	94.00	101.33	0.33	
6,522.00	7.52	103.35	6,447.59	-198.26	844.41	-191.62	95.00	102.42	0.29	
6,616.00	6.90	109.33	6,540.85	-201.55	855.72	-194.82	94.00	106.21	1.03	
6,711.00	6.95	110.21	6,635.15	-205.43	866.50	-198.61	95.00	109.77	0.12	
6,805.00	5.98	117.59	6,728.56	-209.66	876.18	-202.77	94.00	113.62	1.36	
6,900.00	5.41	115.66	6,823.09	-213.89	884.60	-206.94	95.00	116.67	0.63	
6,995.00	4.53	131.57	6,917.73	-218.32	891.45	-211.31	95.00	122.91	1.71	
7,090.00	4.09	131.74	7,012.47	-223.06	896.78	-216.01	95.00	131.65	0.46	
7,183.00	3.12	127.88	7,105.28	-226.83	901.25	-219.74	93.00	130.07	1.07	
7,278.00	2.95	129.19	7,200.15	-229.96	905.19	-222.84	95.00	128.52	0.19	
7,372.00	2.95	133.59	7,294.02	-233.15	908.81	-226.01	94.00	131.39	0.24	
7,465.00	2.95	138.07	7,386.90	-236.58	912.15	-229.41	93.00	135.83	0.25	
7,559.00	3.16	141.15	7,480.77	-240.40	915.39	-233.20	94.00	139.66	0.28	
7,654.00	2.11	161.19	7,575.67	-244.10	917.60	-236.88	95.00	149.16	1.45	
7,748.00	2.11	166.11	7,669.60	-247.41	918.57	-240.19	94.00	163.65	0.19	
7,842.00	2.20	167.08	7,763.54	-250.85	919.39	-243.62	94.00	166.61	0.10	



Wellbenders End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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)	
7,936.00	2.29	165.93	7,857.46	-254.43	920.25	-247.20	94.00	166.49	0.11	
8,029.00	1.27	199.33	7,950.42	-257.21	920.36	-249.97	93.00	177.72	1.52	
8,123.00	1.49	208.47	8,044.39	-259.26	919.43	-252.04	94.00	204.26	0.33	
8,217.00	1.63	210.23	8,138.36	-261.49	918.17	-254.27	94.00	209.39	0.16	
8,310.00	1.80	216.38	8,231.32	-263.81	916.64	-256.61	93.00	213.46	0.27	
8,404.00	1.93	211.46	8,325.27	-266.35	914.94	-259.16	94.00	213.83	0.22	
8,499.00	1.10	242.13	8,420.23	-268.14	913.30	-260.96	95.00	222.50	1.19	
8,579.00	1.14	268.76	8,500.22	-268.52	911.83	-261.35	80.00	255.69	0.65	
8,641.00	1.45	287.22	8,562.20	-268.30	910.46	-261.14	62.00	279.10	0.83	
8,650.00	1.74	313.58	8,571.20	-268.17	910.25	-261.02	9.00	301.60	8.64	
KOP @ 8650.00' MD 2594.21' FNL 2314.50' FWL SEC 8										
8,735.00	8.44	359.73	8,655.84	-261.04	909.29	-253.89	85.00	352.31	8.64	
8,830.00	21.45	0.96	8,747.43	-236.59	909.55	-229.44	95.00	0.61	13.70	
8,925.00	35.21	359.91	8,830.85	-191.62	909.80	-184.47	95.00	0.32	14.49	
9,019.00	44.31	356.92	8,903.04	-131.61	907.99	-124.47	94.00	358.27	9.89	
9,113.00	56.44	358.94	8,962.88	-59.39	905.49	-52.28	94.00	358.02	13.01	
9,145.18	60.00	359.51	8,979.83	-32.04	905.12	-24.93	32.18	359.23	11.16	
FTP @ 9145.18' MD 2358.19' FNL 2310.40' FWL SEC 8										
9,208.00	66.95	0.52	9,007.87	24.13	905.15	31.24	62.82	0.03	11.16	
9,302.00	76.44	0.43	9,037.35	113.27	905.89	120.38	94.00	0.47	10.10	
9,397.00	87.34	359.47	9,050.74	207.18	905.80	214.28	95.00	359.94	11.52	
9,492.00	87.69	358.41	9,054.86	302.07	904.04	309.16	95.00	358.94	1.17	
9,587.00	88.40	357.53	9,058.10	396.95	900.68	404.01	95.00	357.97	1.19	
9,681.00	89.23	357.01	9,060.04	490.82	896.20	497.85	94.00	357.27	1.04	
9,776.00	89.58	358.59	9,061.03	585.75	892.55	592.74	95.00	357.80	1.70	
9,870.00	90.07	358.50	9,061.31	679.71	890.17	686.69	94.00	358.54	0.53	
9,965.00	90.24	358.15	9,061.06	774.67	887.39	781.62	95.00	358.33	0.41	



Wellbenders
End Of Well Report

Rec'd

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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)
10,059.00	89.05	358.94	9,061.64	868.64	885.00	875.56	94.00	358.54	1.52
10,154.00	88.79	358.33	9,063.43	963.59	882.74	970.50	95.00	358.64	0.70
10,248.00	88.88	358.94	9,065.34	1,057.55	880.50	1,064.43	94.00	358.64	0.66
10,343.00	89.58	0.43	9,066.62	1,152.53	879.98	1,159.41	95.00	359.69	1.73
10,437.00	87.82	359.99	9,068.75	1,246.51	880.33	1,253.38	94.00	0.21	1.93
10,532.00	88.48	359.99	9,071.82	1,341.46	880.31	1,348.33	95.00	359.99	0.69
10,626.00	88.04	1.84	9,074.67	1,435.40	881.81	1,442.28	94.00	0.91	2.02
10,721.00	87.91	2.02	9,078.03	1,530.28	885.01	1,537.19	95.00	1.93	0.23
10,816.00	87.91	1.66	9,081.49	1,625.17	888.05	1,632.10	95.00	1.84	0.38
10,911.00	88.31	1.05	9,084.63	1,720.09	890.30	1,727.03	95.00	1.35	0.77
11,006.00	89.19	0.70	9,086.70	1,815.06	891.75	1,822.01	95.00	0.87	1.00
11,101.00	89.93	0.08	9,087.43	1,910.05	892.40	1,917.00	95.00	0.39	1.02
11,195.00	90.46	359.12	9,087.11	2,004.05	891.74	2,010.99	94.00	359.60	1.17
11,318.00	90.20	0.70	9,086.40	2,127.04	891.55	2,133.98	123.00	359.91	1.30
11,412.00	88.26	1.40	9,087.66	2,221.01	893.27	2,227.96	94.00	1.05	2.19
11,507.00	87.91	1.66	9,090.84	2,315.92	895.80	2,322.89	95.00	1.53	0.46
11,519.26	87.98	1.64	9,091.28	2,328.17	896.16	2,335.14	12.26	1.65	0.63
SEC XING @ 11519.26' MD 0' FNL 2307.00' FWL SEC 8									
11,601.00	88.48	1.49	9,093.80	2,409.84	898.39	2,416.82	81.74	1.56	0.63
11,696.00	88.70	1.58	9,096.14	2,504.78	900.93	2,511.78	95.00	1.54	0.25
11,790.00	88.92	1.58	9,098.09	2,598.72	903.52	2,605.74	94.00	1.58	0.23
11,884.00	89.01	1.93	9,099.79	2,692.66	906.40	2,699.70	94.00	1.76	0.38
11,979.00	89.23	2.10	9,101.25	2,787.59	909.74	2,794.65	95.00	2.02	0.29
12,074.00	90.73	2.54	9,101.28	2,882.51	913.59	2,889.60	95.00	2.32	1.65
12,168.00	91.25	3.25	9,099.65	2,976.38	918.33	2,983.50	94.00	2.89	0.94
12,263.00	91.21	2.90	9,097.62	3,071.22	923.43	3,078.38	95.00	3.07	0.37
12,357.00	91.78	2.63	9,095.16	3,165.08	927.96	3,172.27	94.00	2.77	0.67



Wellbenders
End Of Well Report

Rec'

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Chincoteague 8-32 Fed State Com
Well: #532H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #532H
TVD Reference: RKB=30' @ 3468.80usft (Cactus 108)
MD Reference: RKB=30' @ 3468.80usft (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)	
12,452.00	91.69	2.10	9,092.29	3,259.95	931.88	3,267.17	95.00	2.36	0.57	
12,546.00	90.86	1.66	9,090.20	3,353.88	934.96	3,361.12	94.00	1.88	1.00	
12,641.00	92.22	1.58	9,087.64	3,448.80	937.65	3,456.06	95.00	1.62	1.43	
12,736.00	92.75	1.84	9,083.52	3,543.67	940.48	3,550.95	95.00	1.71	0.62	
12,830.00	93.80	1.84	9,078.15	3,637.47	943.49	3,644.77	94.00	1.84	1.12	
12,925.00	93.76	1.49	9,071.89	3,732.22	946.25	3,739.54	95.00	1.66	0.37	
13,019.00	94.20	1.49	9,065.37	3,825.96	948.68	3,833.29	94.00	1.49	0.47	
13,114.00	92.88	1.66	9,059.50	3,920.74	951.29	3,928.09	95.00	1.58	1.40	
13,208.00	92.70	1.58	9,054.92	4,014.59	953.95	4,021.96	94.00	1.62	0.21	
13,303.00	93.23	1.58	9,050.01	4,109.43	956.56	4,116.82	95.00	1.58	0.56	
13,397.00	93.49	1.31	9,044.50	4,203.24	958.93	4,210.64	94.00	1.45	0.40	
13,492.00	91.38	1.66	9,040.47	4,298.12	961.39	4,305.53	95.00	1.49	2.25	
13,586.00	90.95	1.31	9,038.55	4,392.06	963.82	4,399.50	94.00	1.48	0.59	
13,681.00	91.65	1.31	9,036.40	4,487.01	965.99	4,494.46	95.00	1.31	0.74	
13,775.00	92.18	0.87	9,033.26	4,580.94	967.78	4,588.40	94.00	1.09	0.73	
13,870.00	93.14	0.61	9,028.85	4,675.83	969.01	4,683.30	95.00	0.74	1.05	
13,964.00	91.74	1.31	9,024.85	4,769.73	970.58	4,777.21	94.00	0.96	1.66	
14,059.00	90.95	0.87	9,022.62	4,864.69	972.39	4,872.17	95.00	1.09	0.95	
14,154.00	90.99	359.99	9,021.01	4,959.67	973.10	4,967.16	95.00	0.43	0.93	
14,249.00	91.60	359.64	9,018.86	5,054.64	972.79	5,062.13	95.00	359.82	0.74	
14,343.00	90.11	1.75	9,017.46	5,148.62	973.93	5,156.11	94.00	0.70	2.75	
14,438.00	89.36	1.66	9,017.90	5,243.58	976.76	5,251.08	95.00	1.71	0.80	
14,532.00	89.32	2.10	9,018.98	5,337.52	979.84	5,345.05	94.00	1.88	0.47	
14,627.00	89.19	2.54	9,020.22	5,432.43	983.69	5,439.99	95.00	2.32	0.48	
14,722.00	88.88	2.19	9,021.82	5,527.34	987.61	5,534.92	95.00	2.37	0.49	
14,817.00	91.03	2.90	9,021.89	5,622.24	991.83	5,629.85	95.00	2.55	2.38	
14,911.00	92.04	2.98	9,019.37	5,716.08	996.65	5,723.73	94.00	2.94	1.08	



Wellbenders End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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)	
15,006.00	92.57	2.46	9,015.55	5,810.89	1,001.15	5,818.58	95.00	2.72	0.78	
15,102.00	93.54	2.72	9,010.44	5,906.66	1,005.48	5,914.37	96.00	2.59	1.05	
15,196.00	94.73	2.98	9,003.66	6,000.30	1,010.14	6,008.04	94.00	2.85	1.30	
15,291.00	94.42	4.30	8,996.08	6,094.80	1,016.16	6,102.59	95.00	3.64	1.42	
15,385.00	95.16	4.74	8,988.23	6,188.18	1,023.54	6,196.03	94.00	4.52	0.92	
15,480.00	93.01	6.24	8,981.46	6,282.50	1,032.60	6,290.41	95.00	5.49	2.76	
15,574.00	89.89	7.64	8,979.09	6,375.76	1,043.96	6,383.77	94.00	6.94	3.64	
15,669.00	89.89	8.17	8,979.27	6,469.86	1,057.02	6,477.96	95.00	7.90	0.56	
15,764.00	91.38	10.10	8,978.21	6,563.64	1,072.10	6,571.86	95.00	9.13	2.57	
15,859.00	88.26	9.58	8,978.51	6,657.23	1,088.34	6,665.57	95.00	9.84	3.33	
15,954.00	87.60	8.87	8,981.94	6,750.94	1,103.56	6,759.40	95.00	9.23	1.02	
16,049.00	87.25	8.34	8,986.21	6,844.78	1,117.76	6,853.34	95.00	8.61	0.67	
16,144.00	88.40	7.82	8,989.82	6,938.76	1,131.10	6,947.43	95.00	8.08	1.33	
16,239.00	88.79	7.73	8,992.15	7,032.86	1,143.95	7,041.63	95.00	7.77	0.42	
16,333.00	89.45	7.64	8,993.59	7,126.01	1,156.52	7,134.87	94.00	7.68	0.71	
16,428.00	89.54	7.38	8,994.43	7,220.19	1,168.93	7,229.15	95.00	7.51	0.29	
16,522.00	89.14	7.20	8,995.51	7,313.42	1,180.86	7,322.47	94.00	7.29	0.47	
16,617.00	89.14	7.47	8,996.94	7,407.63	1,192.99	7,416.77	95.00	7.34	0.28	
16,712.00	88.62	7.73	8,998.79	7,501.78	1,205.55	7,511.02	95.00	7.60	0.61	
16,806.00	89.36	7.73	9,000.45	7,594.91	1,218.19	7,604.24	94.00	7.73	0.79	
16,832.59	89.99	8.00	9,000.60	7,621.25	1,221.83	7,630.61	26.59	7.87	2.57	
SEC XING @ 16832.59' MD 0' FNL 2682.23' FWL SEC 5										
16,901.00	91.60	8.70	8,999.65	7,688.93	1,231.76	7,698.36	68.41	8.35	2.57	
16,996.00	89.85	8.26	8,998.45	7,782.88	1,245.77	7,792.42	95.00	8.48	1.90	
17,090.00	90.07	8.34	8,998.52	7,875.89	1,259.34	7,885.54	94.00	8.30	0.25	
17,185.00	89.80	7.91	8,998.63	7,969.94	1,272.77	7,979.69	95.00	8.13	0.53	
17,280.00	90.73	8.17	8,998.19	8,064.00	1,286.05	8,073.85	95.00	8.04	1.02	



Wellbenders End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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)	
17,375.00	91.16	7.55	8,996.62	8,158.09	1,299.04	8,168.05	95.00	7.86	0.79	
17,469.00	90.11	6.76	8,995.58	8,251.36	1,310.75	8,261.40	94.00	7.15	1.40	
17,564.00	88.66	4.74	8,996.60	8,345.86	1,320.27	8,355.98	95.00	5.75	2.62	
17,659.00	89.41	4.39	8,998.20	8,440.55	1,327.83	8,450.72	95.00	4.56	0.87	
17,753.00	87.78	1.75	9,000.50	8,534.37	1,332.86	8,544.58	94.00	3.07	3.30	
17,848.00	87.21	0.52	9,004.66	8,629.26	1,334.74	8,639.48	95.00	1.14	1.43	
17,943.00	87.60	359.47	9,008.96	8,724.16	1,334.73	8,734.38	95.00	359.99	1.18	
18,038.00	87.52	358.85	9,013.00	8,819.07	1,333.34	8,829.27	95.00	359.16	0.66	
18,133.00	90.20	0.61	9,014.89	8,914.03	1,332.89	8,924.23	95.00	359.73	3.37	
18,227.00	91.12	358.76	9,013.81	9,008.02	1,332.38	9,018.21	94.00	359.69	2.20	
18,322.00	91.91	358.59	9,011.30	9,102.96	1,330.18	9,113.13	95.00	358.68	0.85	
18,416.00	90.42	357.45	9,009.39	9,196.88	1,326.93	9,207.02	94.00	358.02	2.00	
18,511.00	89.10	355.60	9,009.78	9,291.70	1,321.17	9,301.79	95.00	356.53	2.39	
18,605.00	89.54	355.60	9,010.90	9,385.42	1,313.96	9,395.45	94.00	355.60	0.47	
18,699.00	89.85	355.60	9,011.40	9,479.14	1,306.75	9,489.11	94.00	355.60	0.33	
18,794.00	89.14	354.37	9,012.24	9,573.77	1,298.45	9,583.67	95.00	354.99	1.49	
18,888.00	89.58	354.55	9,013.29	9,667.32	1,289.37	9,677.15	94.00	354.46	0.51	
18,983.00	91.69	354.63	9,012.23	9,761.89	1,280.42	9,771.64	95.00	354.59	2.22	
19,078.00	89.67	355.07	9,011.11	9,856.49	1,271.89	9,866.18	95.00	354.85	2.18	
19,172.00	89.63	354.55	9,011.68	9,950.11	1,263.39	9,959.72	94.00	354.81	0.55	
19,266.00	89.89	354.81	9,012.07	10,043.70	1,254.67	10,053.24	94.00	354.68	0.39	
19,361.00	90.15	354.72	9,012.04	10,138.30	1,246.01	10,147.78	95.00	354.77	0.29	
19,455.00	91.25	355.07	9,010.89	10,231.92	1,237.64	10,241.33	94.00	354.89	1.23	
19,550.00	89.23	355.25	9,010.50	10,326.58	1,229.63	10,335.92	95.00	355.16	2.13	
19,644.00	89.45	355.16	9,011.58	10,420.24	1,221.77	10,429.52	94.00	355.20	0.25	
19,739.00	89.98	355.86	9,012.05	10,514.95	1,214.33	10,524.16	95.00	355.51	0.92	
19,833.00	90.90	355.78	9,011.33	10,608.70	1,207.48	10,617.85	94.00	355.82	0.98	



Wellbenders End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	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)
19,928.00	88.53	354.90	9,011.80	10,703.37	1,199.76	10,712.47	95.00	355.34	2.66
20,023.00	88.70	354.81	9,014.10	10,797.96	1,191.25	10,806.99	95.00	354.85	0.20
20,117.00	88.92	355.07	9,016.05	10,891.58	1,182.96	10,900.53	94.00	354.94	0.36
20,212.00	89.01	354.63	9,017.77	10,986.18	1,174.43	10,995.06	95.00	354.85	0.47
20,306.00	89.10	354.28	9,019.32	11,079.72	1,165.35	11,088.53	94.00	354.45	0.38
20,401.00	89.49	354.28	9,020.48	11,174.24	1,155.88	11,182.98	95.00	354.28	0.41
20,496.00	89.67	354.11	9,021.18	11,268.75	1,146.27	11,277.41	95.00	354.19	0.26
20,590.00	90.33	353.93	9,021.18	11,362.24	1,136.48	11,370.82	94.00	354.02	0.73
20,685.00	89.14	354.46	9,021.62	11,456.75	1,126.87	11,465.25	95.00	354.19	1.37
20,779.00	89.41	354.90	9,022.81	11,550.34	1,118.16	11,558.76	94.00	354.68	0.55
20,874.00	89.76	354.99	9,023.50	11,644.97	1,109.79	11,653.32	95.00	354.95	0.38
20,968.00	89.58	355.16	9,024.04	11,738.62	1,101.72	11,746.91	94.00	355.07	0.26
21,062.00	89.80	355.16	9,024.55	11,832.28	1,093.79	11,840.51	94.00	355.16	0.23
21,157.00	89.45	355.25	9,025.17	11,926.95	1,085.85	11,935.11	95.00	355.20	0.38
21,252.00	88.22	355.25	9,027.10	12,021.60	1,077.98	12,029.69	95.00	355.25	1.29
21,346.00	88.40	355.16	9,029.87	12,115.23	1,070.13	12,123.26	94.00	355.20	0.21
21,441.00	88.35	354.81	9,032.57	12,209.83	1,061.83	12,217.79	95.00	354.99	0.37
21,535.00	89.05	354.81	9,034.70	12,303.42	1,053.33	12,311.31	94.00	354.81	0.74
21,628.00	89.19	354.72	9,036.13	12,396.02	1,044.84	12,403.84	93.00	354.76	0.18
21,720.00	89.10	354.55	9,037.50	12,487.60	1,036.24	12,495.36	92.00	354.64	0.21
21,812.00	89.54	354.37	9,038.59	12,579.17	1,027.36	12,586.85	92.00	354.46	0.52
21,905.00	90.20	354.63	9,038.80	12,671.74	1,018.45	12,679.35	93.00	354.50	0.76
21,971.00	90.46	354.46	9,038.42	12,737.44	1,012.17	12,745.00	66.00	354.55	0.47
22,030.00	90.46	354.46	9,037.95	12,796.16	1,006.48	12,803.67	59.00	354.46	0.00
LTP/BHL @ 22030.00' MD 101.31' FNL 2306.44' FWL SEC 32									



Wellbenders

End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #532H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	RKB=30' @ 3468.80usft (Cactus 108)
Well:	#532H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,650.00	8,571.20	-268.17	910.25	KOP @ 8650.00' MD 2594.21' FNL 2314.50' FWL SEC 8
9,145.18	8,979.83	-32.04	905.12	FTP @ 9145.18' MD 2358.19' FNL 2310.40' FWL SEC 8
11,519.26	9,091.28	2,328.17	896.16	SEC XING @ 11519.26' MD 0' FNL 2307.00' FWL SEC 8
16,832.59	9,000.60	7,621.25	1,221.83	SEC XING @ 16832.59' MD 0' FNL 2682.23' FWL SEC 5
22,030.00	9,037.95	12,796.16	1,006.48	LTP/BHL @ 22030.00' MD 101.31' FNL 2306.44' FWL SEC 32

Checked By: _____	Approved By: _____	Date: _____
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