

DEC 16 2019

Form C-102
Revised August 1, 2011

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-8161 Fax: (505) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3400 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1226 South St. Francis Dr.
Santa Fe, New Mexico 87505

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

AS-151112d

API Number 30-015-44848		Pool Code 97565	Pool Name N. Seven Rivers; Glorieta-Yeso	
Property Code 325855	Property Name HUBER FEDERAL		Well Number 10H	
OGRID No. 328947	Operator Name Spur Energy Partners, LLC		Elevation 3506'	

Surface Location

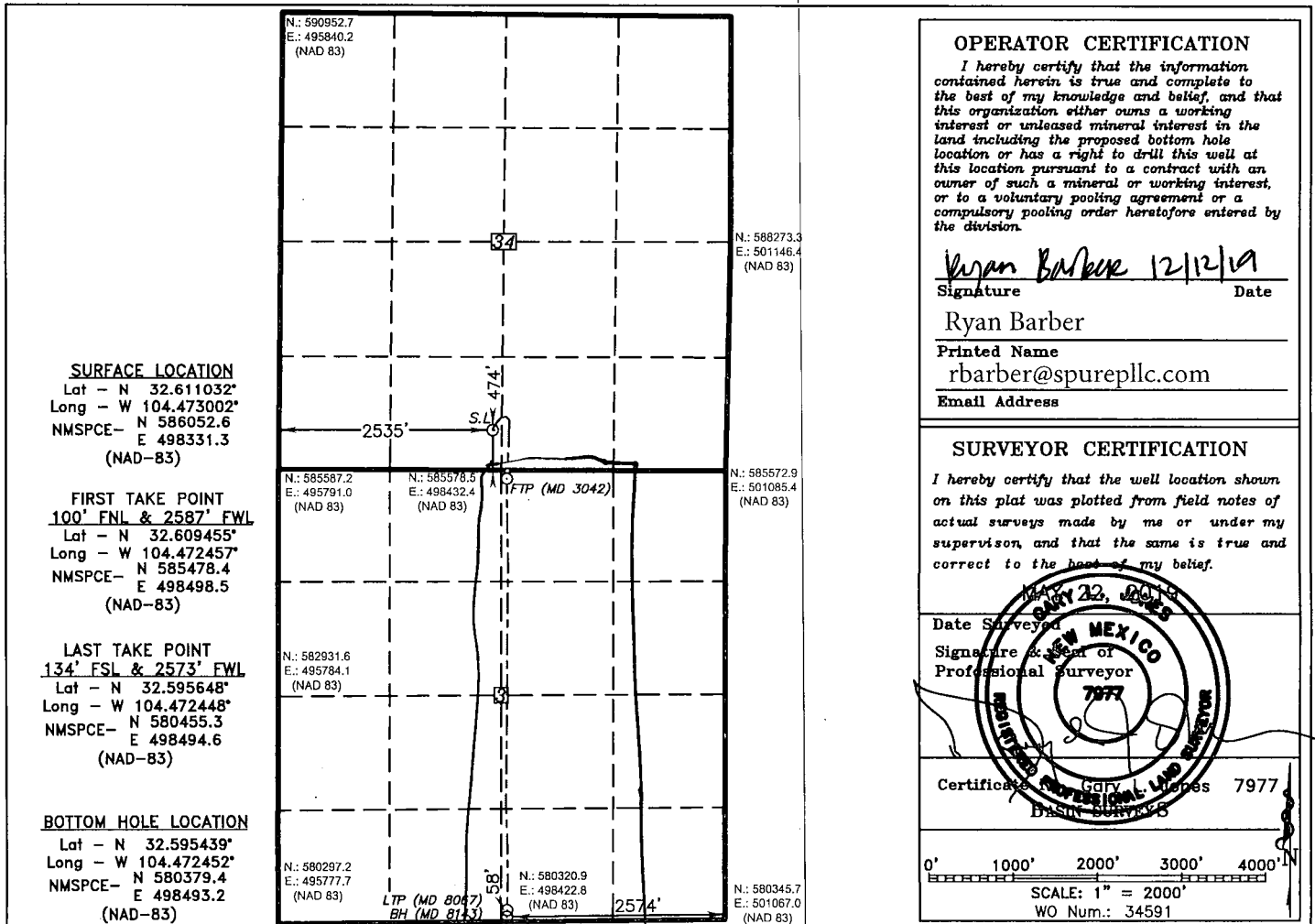
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
N	34	19 S	25 E		474	SOUTH	2575	WEST	EDDY

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
N	3	20 S	25 E		58	SOUTH	2574	EAST	EDDY

Dedicated Acres 160.51	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Intent ☐ As Drilled ☒

API #
30-015-44848

Operator Name: SPUR ENERGY PARTNERS LLC	Property Name: HUBER FEDERAL	Well Number 10H
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Kick Off Point (KOP)

UL B	Section 3	Township 20S	Range 25E	Lot	Feet 123	From N/S NORTH	Feet 2742	From E/W WEST	County EDDY
Latitude 32.609393					Longitude -104.472459			NAD NAD83	

First Take Point (FTP)

UL B	Section 3	Township 20S	Range 25E	Lot	Feet 100	From N/S NORTH	Feet 2587	From E/W WEST	County EDDY
Latitude 32.609455					Longitude -104.472457			NAD NAD83	

Last Take Point (LTP)

UL O	Section 3	Township 20S	Range 25E	Lot	Feet 134	From N/S SOUTH	Feet 2573	From E/W WEST	County EDDY
Latitude 32.595648					Longitude -104.472448			NAD NAD83	

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

Is this well an infill well? ☐

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

API #

Operator Name:	Property Name:	Well Number
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KZ 06/29/2018

API #	30-015-44848
Operator	SPUR ENERGY PARTNERS LLC
Field	North Seven Rivers; Glorieta-Yeso
Spud Date	4/17/2019

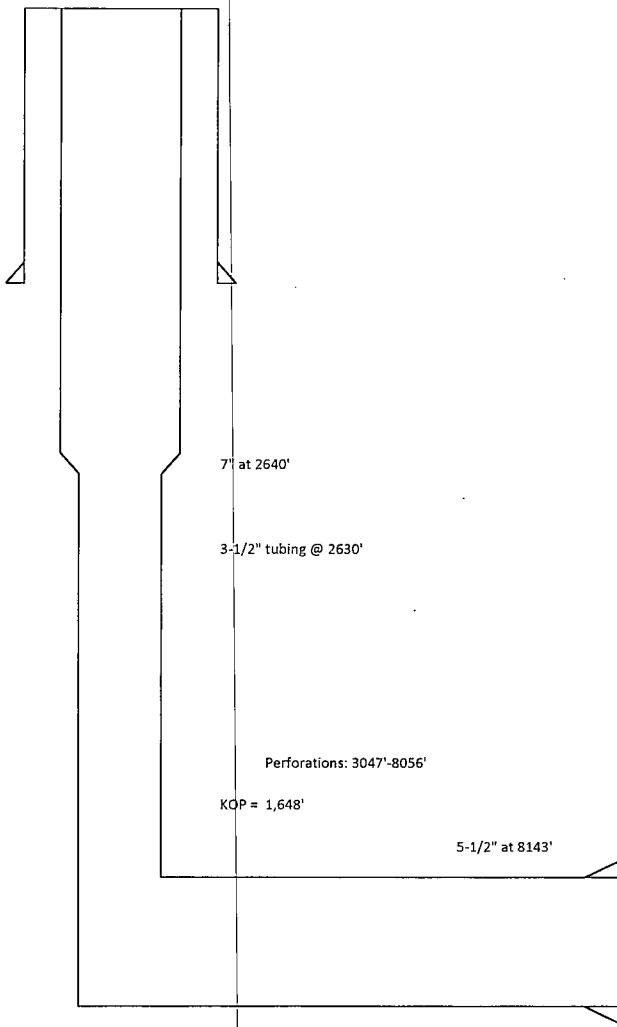
HUBER FEDERAL 10H

County, ST	Eddy, NM
Sec-Twn-Rng	34-19S-25E
Footage	474' FSL, 2575' FWL
Survey	

GL	3506'
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Hole Size	12-1/4"
TOC	Surf
Method	Circ Returns

Csg Depth	1283'
Size	9-5/8"
Weight	36ppf
Grade	J-55
Connections	BTC
Cement	surface



Hole Size	8-3/4"
TOC	Surf
Method	Circ Returns

Csg Depth	8143'	2640'
Size	5-1/2"	7"
Weight	20ppf	32ppf
Grade	L-80	L-80
Connections	BTC	BTC
Cement	surface	

PBTD	8056'
TD MD	8143'
TD TVD	2624'



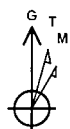
NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 16 2019
RECEIVED

I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **04/17/19** thru **04/27/19** conduct or supervise the taking of a **MWD Survey** from a depth of **135'** to a depth of **8143'**; 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 **Percussion Petroleum, LLC** for the **Huber Federal 10H** API No. **30-015-44848** 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

Larry
Wright

Digitally signed
by Larry Wright
Date:
2019.12.12
15:19:10 -06'00'



Azimuths to Grid North
True North: 0.07°
Magnetic North: 7.28°

Magnetic Field
Strength: 47882.6snT
Dip Angle: 60.25°
Date: 4/11/2019
Model: IGRF2015



Company: Percussion Petroleum, LLC
Project: Eddy County, NM
Site: Huber Fed
Well: 10H
Rig: Akita 20
Design: OH / 9:30, April 29 2019

TOTAL CORRECTION
Magnetic North is 7.280° East of Grid North (Magnetic Convergence)
To convert a Magnetic Direction to a Grid Direction, Add 7.280°

WELL DETAILS: 10H

RKB=16' @ 3522.00usft (Akita 20)

				3506.00		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	586052.60	498331.30	32.611032	-104.473002	

ANNOTATION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
8143.00	89.10	181.04	2623.71	-5673.23	161.95	5672.79	6100.81	Final Station Closure Distance= 5675.54 / Direction= 178.36
8143.00	89.10	181.04	2623.71	-5673.23	161.95	5672.79	6100.81	Projection to Bit: 8143.00' MD/ 2623.71' TVD
8143.00	89.10	181.04	2623.71	-5673.23	161.95	5672.79	6100.81	TD: Latitude = 32.595439 / Longitude = -104.472452
8143.00	89.10	181.04	2623.71	-5673.23	161.95	5672.79	6100.81	TD: Y= 580379.37 / X= 498493.25

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Final Bit Proj. @ 8143' MD	2623.71	-5673.23	161.95	580379.37	498493.25	Point

PROJECT DETAILS: Eddy County, NM

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Disclaimer:

All Plan Details, boundary lines and offset well location/ survey data is provided by customer and subject to customer approval.

Final Station Closure Distance= 5675.54 / Direction= 178.36
Projection to Bit: 8143.00' MD/ 2623.71' TVD
TD: Latitude = 32.595439 / Longitude = -104.472452
TD: Y= 580379.37 / X= 498493.25

Design: OH (10H/OH) Akita 20

Created By: Derek Stephens Date: 9:30, April 29 2019



PERCUSSION
PETROLEUM
LLC

Percussion Petroleum, LLC

Eddy County, NM

Huber Fed

10H

OH

Design: OH

End Of Well Report

29 April, 2019



Wellbenders

End Of Well Report

Company:	Percussion Petroleum, LLC	Local Co-ordinate Reference:	Well 10H
Project:	Eddy County, NM	TVD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Site:	Huber Fed	MD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Well:	10H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

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

Site	Huber Fed		
Site Position:		Northing:	586,082.90 usft
From:	Map	Easting:	499,887.10 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.611121
		Longitude:	-104.467950
		Grid Convergence:	-0.073 °

Well	10H					
Well Position	+N/-S	0.00 usft	Northing:	586,052.60 usft	Latitude:	32.611032
	+E/-W	0.00 usft	Easting:	498,331.30 usft	Longitude:	-104.473002
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	3,506.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/11/2019	7.204	60.250	47,882.57032676

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		180.15		

Survey Program		Date 4/29/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
135.00	8,143.00	Survey #1 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM



Wellbenders

End Of Well Report

Company:	Percussion Petroleum, LLC	Local Co-ordinate Reference:	Well 10H
Project:	Eddy County, NM	TVD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Site:	Huber Fed	MD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Well:	10H	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	0.00
135.00	0.44	327.68	135.00	0.44	-0.28	-0.44	135.00	327.68	0.33	
227.00	1.01	306.58	226.99	1.22	-1.12	-1.22	92.00	312.94	0.67	
318.00	1.80	354.04	317.97	3.12	-1.91	-3.11	91.00	337.35	1.47	
411.00	3.47	14.79	410.87	7.29	-1.34	-7.29	93.00	7.73	2.04	
502.00	5.93	24.98	501.55	14.22	1.35	-14.22	91.00	21.22	2.84	
591.00	8.75	28.76	589.82	24.32	6.55	-24.34	89.00	27.23	3.21	
682.00	10.68	32.45	679.51	37.51	14.40	-37.54	91.00	30.79	2.23	
773.00	10.99	32.45	768.89	51.94	23.58	-52.00	91.00	32.45	0.34	
863.00	10.81	34.12	857.26	66.17	32.92	-66.25	90.00	33.28	0.40	
955.00	10.90	33.68	947.62	80.55	42.58	-80.66	92.00	33.90	0.13	
1,046.00	10.68	37.02	1,037.01	94.44	52.43	-94.58	91.00	35.33	0.73	
1,135.00	10.73	39.84	1,124.46	107.39	62.70	-107.55	89.00	38.43	0.59	
1,221.00	10.81	40.27	1,208.95	119.69	73.04	-119.88	86.00	40.06	0.13	
1,365.00	10.46	40.41	1,350.47	139.95	90.25	-140.18	144.00	40.34	0.24	
1,459.00	9.27	50.52	1,443.09	151.26	101.62	-151.52	94.00	45.16	2.23	
1,554.00	8.79	60.45	1,536.91	159.70	113.84	-160.00	95.00	55.35	1.71	
1,648.00	8.53	77.94	1,629.86	164.70	126.91	-165.03	94.00	69.06	2.80	
1,743.00	11.47	96.31	1,723.43	165.14	143.20	-165.51	95.00	88.47	4.53	
1,790.00	11.87	97.98	1,769.46	163.95	152.63	-164.35	47.00	97.16	1.11	
1,837.00	11.38	109.67	1,815.50	161.72	161.78	-162.14	47.00	103.70	5.11	
1,884.00	11.34	124.26	1,861.59	157.56	169.97	-158.00	47.00	116.95	6.10	
1,932.00	12.57	136.57	1,908.55	151.11	177.46	-151.57	48.00	130.73	5.88	
1,979.00	13.98	146.50	1,954.30	142.66	184.11	-143.14	47.00	141.79	5.69	
2,026.00	15.74	157.66	1,999.74	132.02	189.67	-132.52	47.00	152.40	7.13	
2,073.00	18.33	166.45	2,044.68	118.94	193.83	-119.44	47.00	162.38	7.76	
2,121.00	21.63	174.01	2,089.79	102.79	196.52	-103.31	48.00	170.53	8.72	



Wellbenders End Of Well Report

Company:	Percussion Petroleum, LLC	Local Co-ordinate Reference:	Well 10H
Project:	Eddy County, NM	TVD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Site:	Huber Fed	MD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Well:	10H	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)
2,168.00	24.53	179.02	2,133.03	84.42	197.59	-84.93	47.00	176.66	7.45
2,215.00	27.21	181.30	2,175.32	63.92	197.52	-64.43	47.00	180.21	6.08
2,262.00	30.51	182.97	2,216.48	41.25	196.65	-41.77	47.00	182.18	7.23
2,309.00	34.24	182.97	2,256.16	16.12	195.35	-16.63	47.00	182.97	7.94
2,356.00	37.49	183.06	2,294.25	-11.37	193.90	10.86	47.00	183.02	6.92
2,404.00	39.96	182.45	2,331.69	-41.36	192.46	40.86	48.00	182.75	5.21
2,451.00	42.64	182.09	2,367.00	-72.35	191.24	71.85	47.00	182.27	5.72
2,499.00	45.36	181.30	2,401.52	-105.68	190.26	105.18	48.00	181.69	5.78
2,546.00	45.54	181.13	2,434.50	-139.17	189.54	138.67	47.00	181.21	0.46
2,594.00	45.71	181.39	2,468.06	-173.47	188.79	172.97	48.00	181.26	0.52
2,641.00	47.12	182.09	2,500.47	-207.50	187.75	207.00	47.00	181.74	3.19
2,688.00	52.13	183.41	2,530.90	-243.25	186.02	242.76	47.00	182.77	10.87
2,735.00	57.71	185.08	2,557.91	-281.58	183.16	281.10	47.00	184.27	12.22
2,783.00	63.03	185.43	2,581.63	-323.12	179.33	322.65	48.00	185.26	11.10
2,830.00	68.70	183.76	2,600.84	-365.85	175.91	365.39	47.00	184.58	12.49
2,877.00	74.90	183.06	2,615.51	-410.40	173.26	409.95	47.00	183.40	13.27
2,924.00	80.84	182.53	2,625.38	-456.28	171.03	455.83	47.00	182.79	12.69
2,971.00	83.69	181.83	2,631.71	-502.81	169.26	502.36	47.00	182.18	6.24
3,065.00	89.93	181.39	2,636.94	-596.58	166.62	596.14	94.00	181.61	6.65
3,160.00	91.12	180.86	2,636.07	-691.56	164.76	691.12	95.00	181.13	1.37
3,255.00	91.16	179.55	2,634.18	-786.53	164.42	786.10	95.00	180.21	1.38
3,349.00	89.54	178.49	2,633.60	-880.51	166.02	880.08	94.00	179.02	2.06
3,443.00	89.93	178.58	2,634.04	-974.48	168.43	974.04	94.00	178.54	0.43
3,565.00	89.49	179.02	2,634.66	-1,096.45	170.98	1,096.00	122.00	178.80	0.51
3,660.00	88.97	178.84	2,635.93	-1,191.43	172.76	1,190.97	95.00	178.93	0.58
3,754.00	88.97	178.49	2,637.62	-1,285.39	174.95	1,284.92	94.00	178.66	0.37
3,849.00	89.58	178.49	2,638.82	-1,380.35	177.45	1,379.88	95.00	178.49	0.64



Wellbenders

End Of Well Report

Company:	Percussion Petroleum, LLC	Local Co-ordinate Reference:	Well 10H
Project:	Eddy County, NM	TVD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Site:	Huber Fed	MD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Well:	10H	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)
3,944.00	90.02	179.37	2,639.16	-1,475.33	179.22	1,474.85	95.00	178.93	1.04
4,038.00	90.07	179.28	2,639.08	-1,569.32	180.33	1,568.84	94.00	179.33	0.11
4,133.00	90.20	179.72	2,638.86	-1,664.32	181.16	1,663.84	95.00	179.50	0.48
4,227.00	90.11	180.34	2,638.60	-1,758.32	181.11	1,757.84	94.00	180.03	0.67
4,321.00	89.80	180.60	2,638.68	-1,852.31	180.34	1,851.83	94.00	180.47	0.43
4,416.00	90.37	180.86	2,638.54	-1,947.30	179.13	1,946.83	95.00	180.73	0.66
4,511.00	90.07	181.39	2,638.17	-2,042.28	177.26	2,041.81	95.00	181.13	0.64
4,606.00	89.67	181.65	2,638.39	-2,137.25	174.74	2,136.79	95.00	181.52	0.50
4,701.00	90.37	181.57	2,638.35	-2,232.21	172.07	2,231.75	95.00	181.61	0.74
4,793.00	90.77	181.13	2,637.44	-2,324.18	169.91	2,323.73	92.00	181.35	0.65
4,888.00	91.74	181.48	2,635.36	-2,419.13	167.74	2,418.69	95.00	181.30	1.09
4,983.00	90.90	180.60	2,633.17	-2,514.09	166.02	2,513.65	95.00	181.04	1.28
5,077.00	91.03	179.90	2,631.59	-2,608.08	165.61	2,607.63	94.00	180.25	0.76
5,172.00	91.34	180.25	2,629.62	-2,703.06	165.49	2,702.61	95.00	180.07	0.49
5,266.00	91.69	179.55	2,627.14	-2,797.02	165.65	2,796.58	94.00	179.90	0.83
5,361.00	91.30	180.07	2,624.66	-2,891.99	165.96	2,891.54	95.00	179.81	0.68
5,456.00	90.81	180.25	2,622.91	-2,986.97	165.70	2,986.53	95.00	180.16	0.55
5,551.00	90.20	180.51	2,622.07	-3,081.97	165.07	3,081.52	95.00	180.38	0.70
5,643.00	89.58	180.95	2,622.25	-3,173.96	163.90	3,173.52	92.00	180.73	0.83
5,735.00	89.36	180.42	2,623.10	-3,265.95	162.80	3,265.51	92.00	180.69	0.62
5,827.00	89.54	179.90	2,623.98	-3,357.94	162.54	3,357.50	92.00	180.16	0.60
5,919.00	89.67	179.90	2,624.62	-3,449.94	162.70	3,449.50	92.00	179.90	0.14
6,010.00	90.02	179.99	2,624.86	-3,540.94	162.79	3,540.50	91.00	179.95	0.40
6,099.00	90.46	180.34	2,624.49	-3,629.94	162.53	3,629.50	89.00	180.16	0.63
6,190.00	89.80	180.69	2,624.28	-3,720.93	161.71	3,720.50	91.00	180.52	0.82
6,281.00	90.33	180.69	2,624.18	-3,811.93	160.62	3,811.49	91.00	180.69	0.58
6,372.00	90.11	181.65	2,623.83	-3,902.90	158.76	3,902.48	91.00	181.17	1.08



Wellbenders End Of Well Report

Company:	Percussion Petroleum, LLC	Local Co-ordinate Reference:	Well 10H
Project:	Eddy County, NM	TVD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Site:	Huber Fed	MD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Well:	10H	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)
6,462.00	89.54	181.92	2,624.11	-3,992.86	155.96	3,992.44	90.00	181.78	0.70
6,554.00	89.58	182.01	2,624.81	-4,084.80	152.80	4,084.39	92.00	181.97	0.11
6,644.00	88.92	180.86	2,625.99	-4,174.77	150.55	4,174.36	90.00	181.44	1.47
6,736.00	88.79	179.37	2,627.83	-4,266.74	150.36	4,266.34	92.00	180.12	1.63
6,827.00	89.41	178.23	2,629.26	-4,357.71	152.27	4,357.30	91.00	178.80	1.43
6,919.00	90.11	178.14	2,629.64	-4,449.66	155.18	4,449.24	92.00	178.18	0.77
7,009.00	90.64	178.14	2,629.05	-4,539.61	158.10	4,539.18	90.00	178.14	0.59
7,100.00	90.77	177.70	2,627.93	-4,630.55	161.41	4,630.11	91.00	177.92	0.50
7,194.00	90.95	178.32	2,626.52	-4,724.48	164.67	4,724.03	94.00	178.01	0.69
7,289.00	90.64	178.32	2,625.21	-4,819.43	167.46	4,818.97	95.00	178.32	0.33
7,384.00	90.11	178.67	2,624.58	-4,914.39	169.95	4,913.93	95.00	178.50	0.67
7,479.00	90.29	179.19	2,624.25	-5,009.38	171.72	5,008.91	95.00	178.93	0.58
7,573.00	90.95	180.51	2,623.24	-5,103.37	171.97	5,102.90	94.00	179.85	1.57
7,668.00	90.64	180.42	2,621.92	-5,198.35	171.20	5,197.89	95.00	180.46	0.34
7,763.00	90.33	180.51	2,621.11	-5,293.35	170.43	5,292.88	95.00	180.47	0.34
7,858.00	89.93	182.01	2,620.90	-5,388.32	168.34	5,387.86	95.00	181.26	1.63
7,952.00	89.58	181.30	2,621.30	-5,482.28	165.63	5,481.83	94.00	181.66	0.84
8,046.00	89.27	181.04	2,622.24	-5,576.26	163.71	5,575.81	94.00	181.17	0.43
8,087.00	89.10	181.04	2,622.83	-5,617.25	162.96	5,616.80	41.00	181.04	0.41
8,143.00	89.10	181.04	2,623.71	-5,673.23	161.95	5,672.79	56.00	181.04	0.00
Final Station Closure Distance= 5675.54 /Direction= 178.36 - Projection to Bit: 8143.00' MD/ 2623.71' TVD - TD: Latitude = 32.595439 / Longitude = -104.472452 - TD: Y= 580379.37 / X= 498493.25									



Wellbenders
End Of Well Report

Company:	Percussion Petroleum, LLC	Local Co-ordinate Reference:	Well 10H
Project:	Eddy County, NM	TVD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Site:	Huber Fed	MD Reference:	RKB=16' @ 3522.00usft (Akita 20)
Well:	10H	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			
		+N/-S (usft)	+E/-W (usft)	Comment	
8,143.00	2,623.71	-5,673.23	161.95	Final Station Closure Distance= 5675.54 /Direction= 178.36	
8,143.00	2,623.71	-5,673.23	161.95	Projection to Bit: 8143.00' MD/ 2623.71' TVD	
8,143.00	2,623.71	-5,673.23	161.95	TD: Latitude = 32.595439 / Longitude = -104.472452	
8,143.00	2,623.71	-5,673.23	161.95	TD: Y= 580379.37 / X= 498493.25	

Checked By: _____	Approved By: _____	Date: _____
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