



PO Box 4482, Midland, TX 79704 | 432-296-6366

Railroad Commission of Texas
Oil & Gas Division
P.O. Box 12967
Austin, TX 78711

Attn: Pam Johns

1/27/2022

Re: Piedra Operating, LLC.
Well: University 8-9 N MS 2H
Field: Spraberry (Trend Area)
Rig: Burton 10
County: Andrews County, TX
Permit: 874693
API Well No: 42-003-48482

Enclosed please find the original of the surveys performed on the referenced well by True Shot, LLC. (P-5 No. 871488). Other information required by your office is as follows:

Name & Title Of Surveyor	Wellhole Number	Survey Depths	Dates Performed	Type Survey
B. Miller, Field Service Technician	Original Hole	108' - 1804'	1/10/2022 – 1/11/2022	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit line in case of pooling) is attached to the survey report. If additional information is required, please contact the undersigned at the letterhead address and phone number.

A handwritten signature in blue ink, appearing to read 'R. Nesloney'.

1/27/2022

Randall Nesloney
MWD Manager

Cc: Piedra Operating, LLC.

[illegible]

MY CO INDUSTRIES ET AL
UL LEASE #109700

PIEDRA ENERGY III LLC
UL LEASE #11599

8-9N MS 2H
ELEV: 3009'
N: 6848151.30
E: 782176.64
LAT: N32.3945
LONG: W102.3443

SHL/PP

UL MON
N: 6847146.78
E: 780333.58
LAT: N32.3915
LONG: W102.3501

Piedra

1347' FTP
N: 6847353.10
E: 781667.76
LAT: N32.3922
LONG: W102.3458

1320' 867 to 1H

PIEDRA ENERGY LLC
UL LEASE #108927

Piedra Operating

BLOCK 8
UNIVERSITY LAND



PIEDRA ENERGY III LLC
UL LEASE #108926

CHEVRON CORP
UL LEASE #036991

CHEVRON CORP
UL LEASE #036994

CHEVRON CORP
UL LEASE #036995

161.62 ACRES
161.62 ACRES

FASKEN OIL AND RANCH
UL LEASE #89663

Piedra Operating

PIEDRA ENERGY LLC
UL LEASE #108928

LTP 1320 FEL 482 FSL
N: 6837810.75
E: 783922.59
LAT: N32.3657
LONG: W102.3374

BHL
N: 6837255.85
E: 784004.72
LAT: N32.3647
LONG: W102.3371

BLOCK 40 T3N
G&MMB&A SURVEY

LEGEND:

- ACTIVE PIEDRA LINE
- SECTION LINE
- BLOCK LINE
- LEASE LINE
- INACTIVE PIEDRA LINE

GRAPHIC SCALE



(IN FEET)
1 inch = 1000 ft.

NOTE:

COURSES, DISTANCES AND COORDINATES SHOWN HEREON ARE LAMBERT GRID AND CONFORM TO THE "TEXAS COORDINATE SYSTEM", TEXAS NORTH CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983. ALL DISTANCES AND COORDINATES ARE SHOWN IN GRID FEET.

ELEVATION NAVD 1988



SCHUMANN
ENGINEERING CO.
A LATERAL LAND COMPANY

CIVIL ENGINEERING - LAND SURVEYING
TEXAS PERM No. P1680 - TEXAS PERM No. 10140950

806 N. WARDENFELD STREET
SUITE 100
WOLAND, TEXAS 79701

Office (432) 684-3548

THE UNDERSIGNED DOES HEREBY CERTIFY THAT THIS LOCATION WAS THIS DAY MADE ON THE GROUND BY ME OR UNDER MY SUPERVISION AND THAT THIS PLAT IS A CORRECT REPRESENTATION THEREOF.

DATED THIS 10TH DAY OF NOVEMBER, 2021

RJ DAUM
TEXAS RPLS 4826



Along

THIS WELL IS TO BE LOCATED 12.7 MILES IN A EASTERLY DIRECTION FROM ANDREWS WHICH IS THE NEAREST TOWN IN THE COUNTY OF THE WELL SITE.

LOCATION PLAT

PIEDRA OPERATING, LLC.

WELL NO. 2H
UNIVERSITY 8-9 N MS

SURFACE HOLE
592 FEET FROM THE SOUTH AND
2029 FEET FROM THE WEST LINES,
SECTION 4, BLOCK 9,

BOTTOM HOLE
100 FEET FROM THE SOUTH AND
1347 FEET FROM THE WEST LINES
SECTION 16, BLOCK 8,
UNIVERSITY LAND

ANDREWS COUNTY, TEXAS

QUAD: FIVE WELLS RANCH SW
SCALE: 1" = 1000'

PROJECT: 78158-D
JOB NO: 78,158



PO Box 4482, Midland, TX 79704 | 432-296-6366

MWD Survey Certification

State of Texas
County of Andrews

I, Randall Nesloney, certify that: I am employed by True Shot, LLC.; that I did on the day(s) of 1/10/2022 through 1/11/2022 conduct or supervise the taking of MWD surveys from a depth of 108 feet to a depth of 1804 feet, that the data is true, correct, complete and within the limitations of the tool as set forth by True Shot, LLC; that I am authorized and qualified to make this report; that these surveys were conducted at the request of Piedra Operating, LLC. for the University 8-9 N MS 2H (API No. 42-003-48482, Permit No. 874693), located in Andrews County, Texas; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by True Shot, LLC.

A handwritten signature in blue ink, appearing to read 'R. Nesloney', is positioned above a horizontal line.

1/27/2022

Randall Nesloney
MWD Manager

Cc: Piedra Operating, LLC.



PHOENIX

TECHNOLOGY SERVICES USA INC.

Celebrating 20 Years of Focused Solutions

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

May 5, 2022

Railroad Commission of Texas
Oil and Gas Division
P.O. Box 12967
Capitol Station
Austin, Texas 78711

Attention: Regulatory Department

Re: Piedra Operating
University 8-9 N MS 2H
Andrews Co., Texas
API # 42-003-48482
Job No. 69619

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Herman Carter	2H	8,323	19,744	4/26/22	5/3/22	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

~~Brittany Carley~~

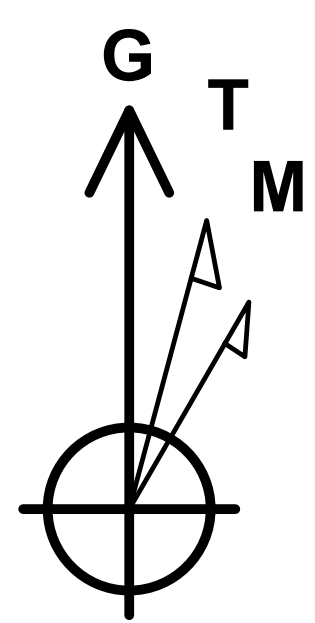
Brittany Carley
Operations Administrator



Project: Andrews County, TX (NAD83-TNC)
Site: Sec 4/9/16 Blk 8/9 T3N
Well: University 8-9 N MS 2H
Wellbore: OH / 69619
Design: Plan 2 04-14-22
Rig: H&P 460



PHOENIX
TECHNOLOGY SERVICES



Azimuths to Grid North
True North: 2.10°
Magnetic North: 7.96°

Magnetic Field
Strength: 47449.8nT
Dip Angle: 60.02°
Date: 5/14/2022
Model: MVHD

WELL DETAILS						
	Ground Level	3009.00				
+N/-S	+E/-W	Northing	Ground Level	Latitude	Longitude	
0.00	0.00	6848181.30	782176.64	32° 23' 40.286244 N	102° 20' 39.454471 W	

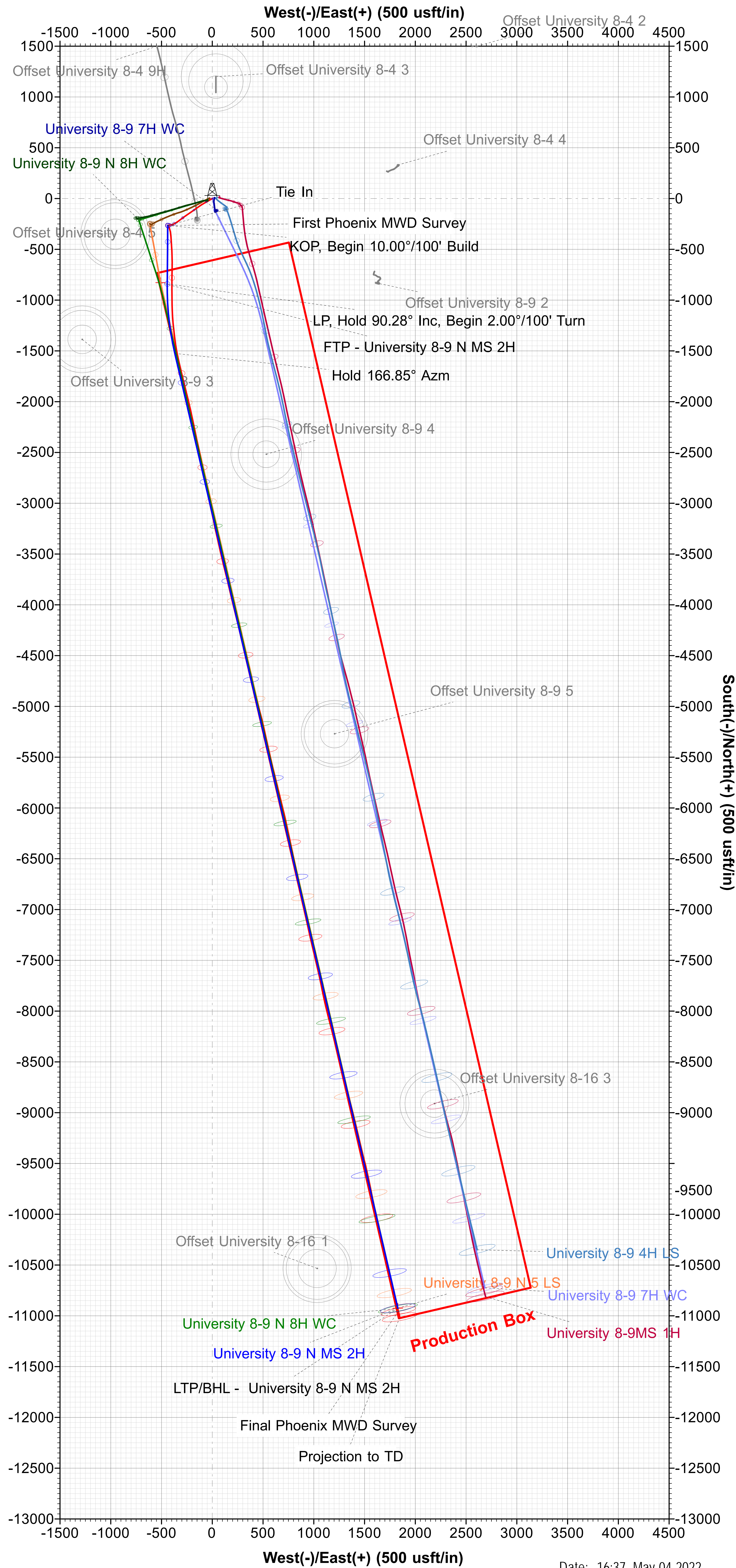
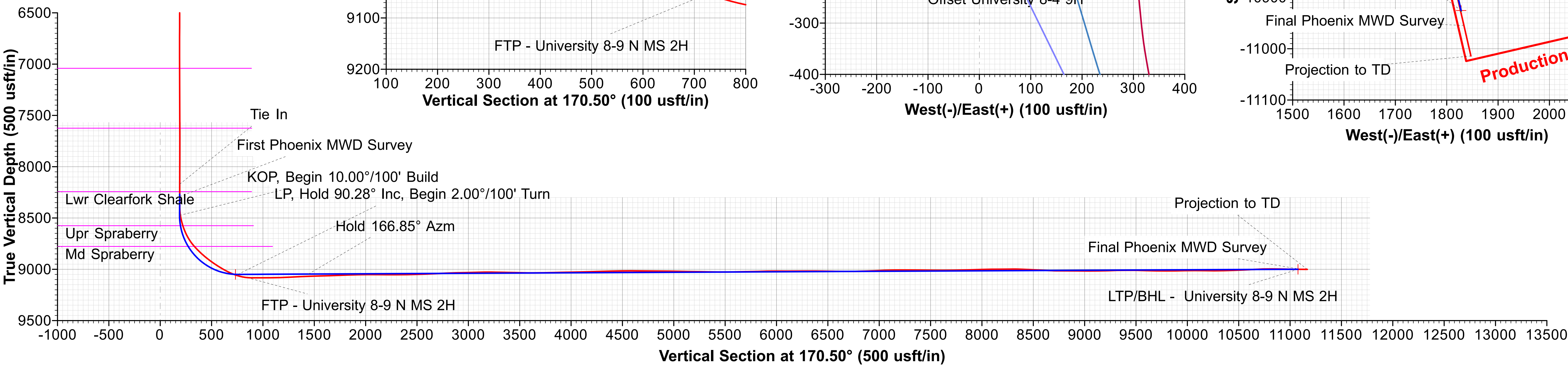
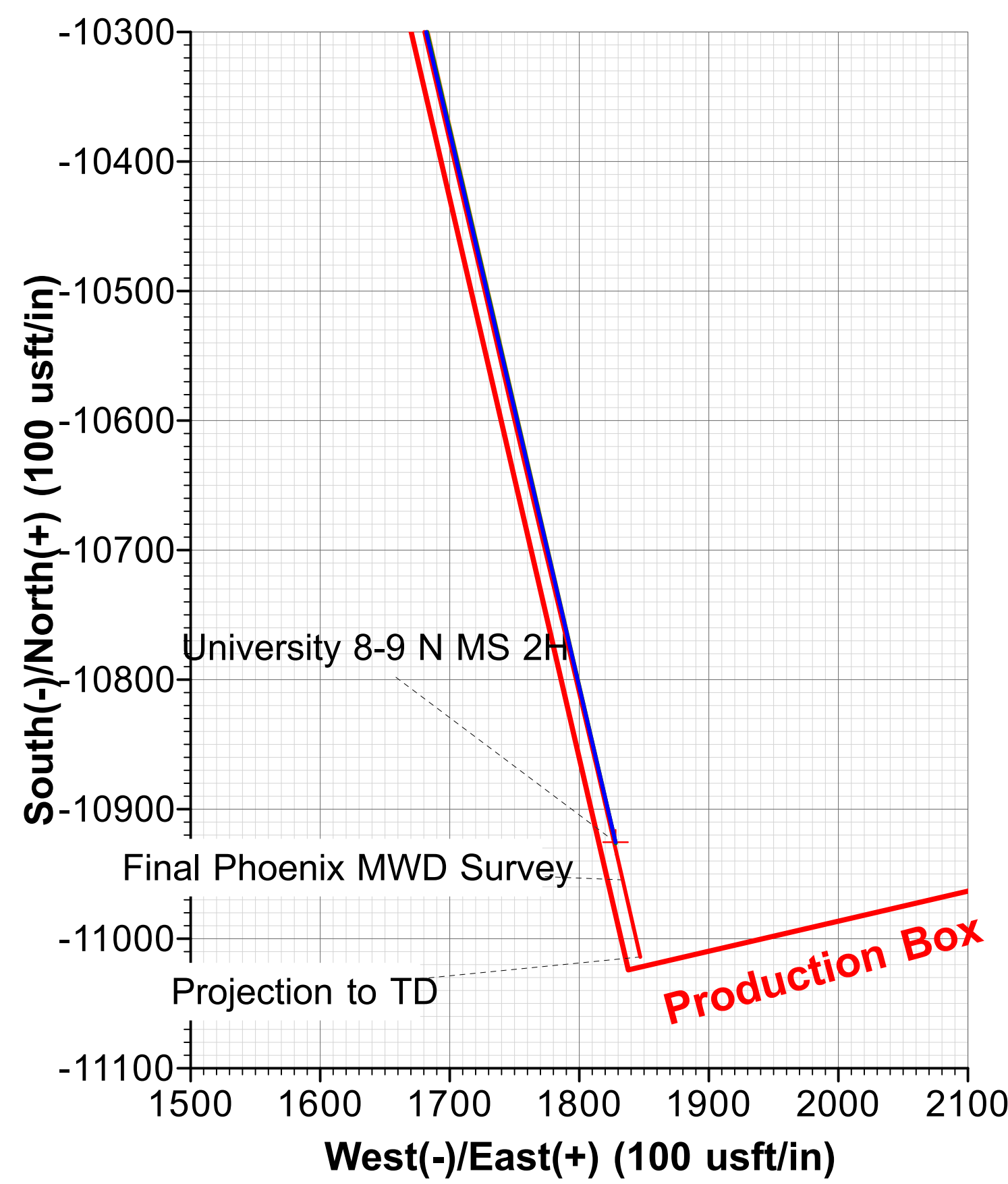
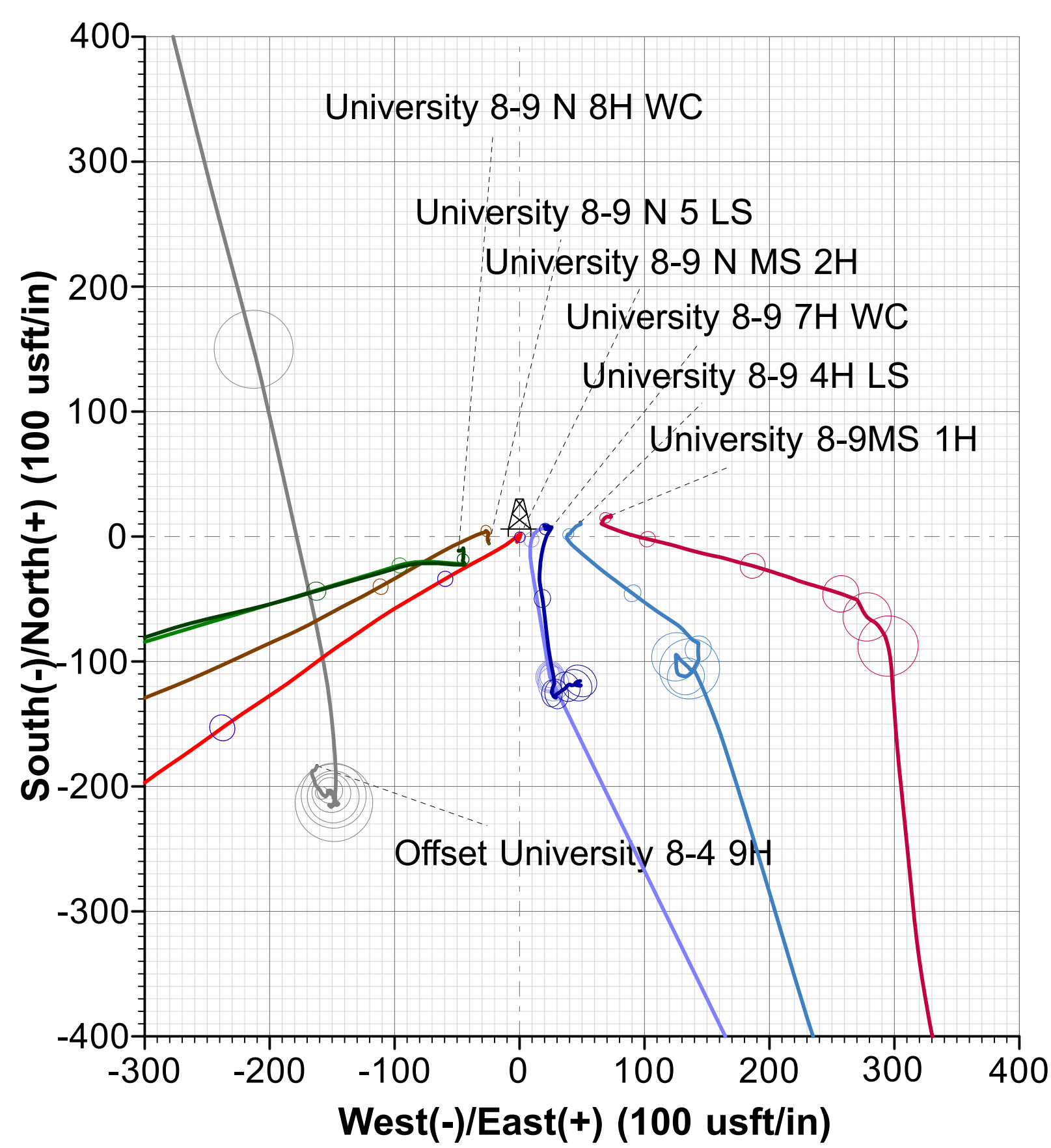
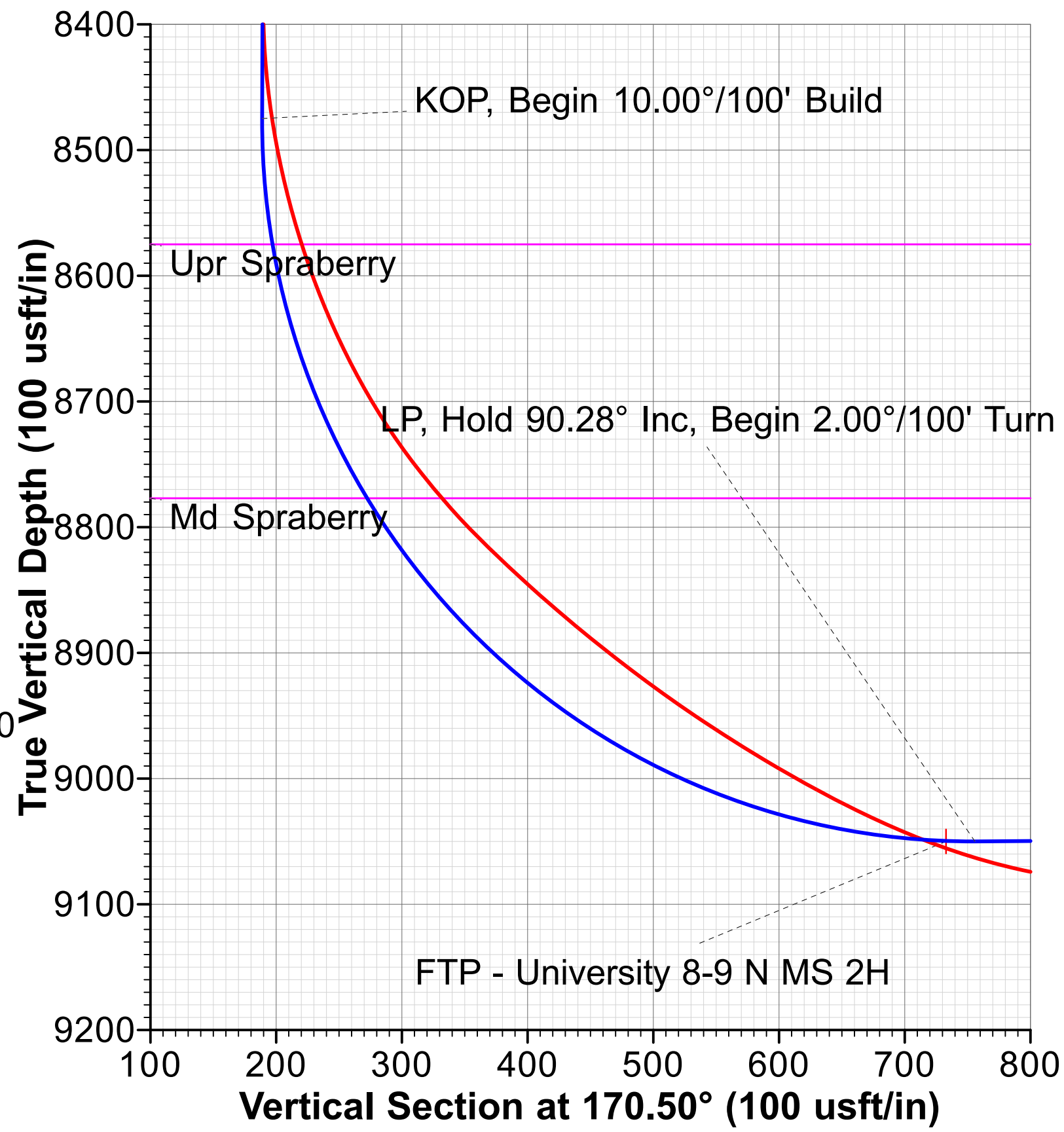
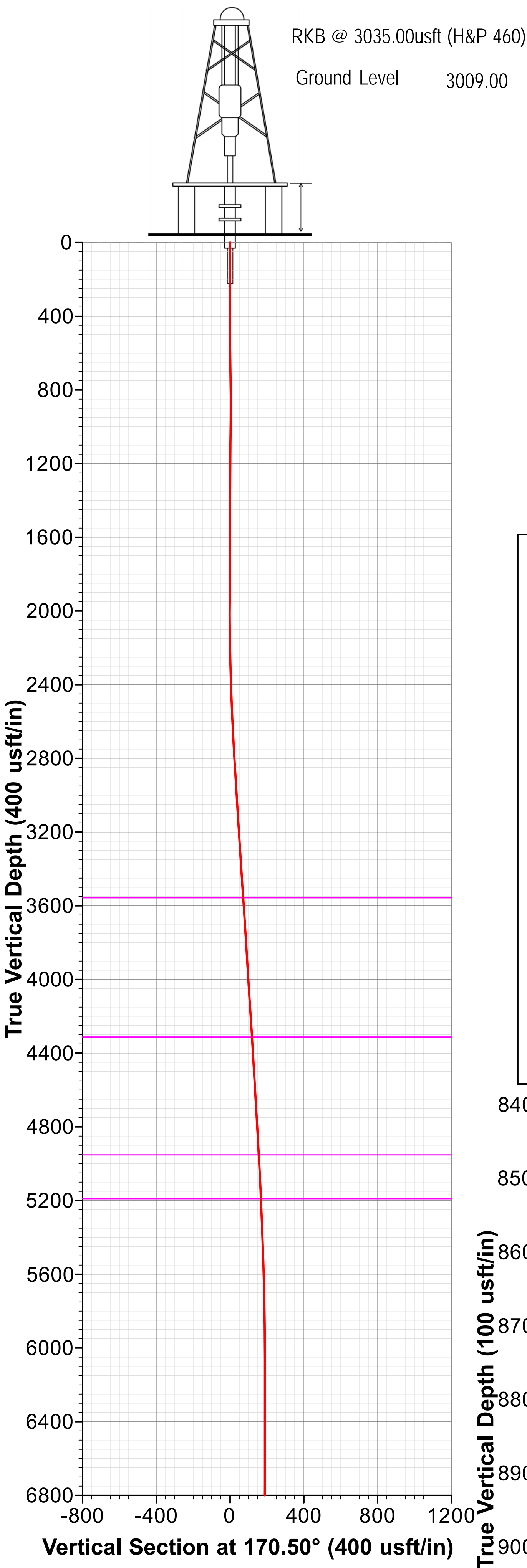
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	8203.00	0.26	35.02	8170.69	-265.95	-439.43	0.00	0.000	189.79	
2	8507.22	0.26	35.02	8474.91	-264.82	-438.64	0.00	0.000	188.80	
3	9412.21	90.28	180.65	9050.00	-840.59	-443.69	10.00	145.629	755.85	
4	10102.37	90.28	166.85	9046.61	-1524.99	-368.72	2.00	-89.996	1443.23	
5	19756.22	90.28	166.85	9000.00	-10925.45	-1828.08	0.00	0.000	11077.33	LTP/BHL - University 8-9 N MS 2H

Annotation
Tie In
KOP, Begin 10.00°/100' Build
LP, Hold 90.28° Inc, Begin 2.00°/100' Turn
Hold 166.85° Azm
TD at 19756.22

DESIGN TARGET DETAILS										
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude			
LTP/BHL - University 8-9 N MS 2H	9000.00	-10925.45	-1828.08	6837255.85	784004.72	32° 21' 52.906831 N	102° 20' 13.494178 W			
FTP - University 8-9 N MS 2H	9050.00	-828.20	-508.88	6847353.10	781667.76	32° 23' 31.912002 N	102° 20' 45.032142 W			

FORMATION TOP DETAILS										
TVDPath	MDPath	Formation								
3557.00	3570.86	Seven Rivers								
4312.00	4333.90	Queen								
4952.00	4979.34	Grayburg								
5190.00	5218.65	San Andres								
7041.00	7073.23	Clearfork								
7625.00	7657.30	Md Clearfork								
8243.00	8275.31	Lwr Clearfork Shale								
8575.00	8607.80	Upr Spraberry								
8777.00	8825.04	Md Spraberry								

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: Texas North Central Zone
Local Origin: Well University 8-9 N MS 2H, Grid North
Latitude: 32° 23' 40.286244 N
Longitude: 102° 20' 39.454471 W
Grid East: 782176.64
Grid North: 6848181.30
Scale Factor: 1.000
Geomagnetic Model: MVHD
Sample Date: 14-May-22
Magnetic Declination: 5.860°
Dip Angle from Horizontal: 60.015°
Magnetic Field Strength: 47449.81060456nT
To convert a Magnetic Direction to a Grid Direction, Add 7.957°
To convert a Magnetic Direction to a True Direction, Add 5.860° East
To convert a True Direction to a Grid Direction, Add 2.097°





Piedra Operating LLC

Andrews County, TX (NAD83-TNC)

Sec 4/9/16 Blk 8/9 T3N

University 8-9 N MS 2H

OH / 69619

Design: Surveys (H&P 460)

Standard Survey Report

04 May, 2022



Company:	Piedra Operating LLC	Local Co-ordinate Reference:	Well University 8-9 N MS 2H
Project:	Andrews County, TX (NAD83-TNC)	TVD Reference:	RKB @ 3035.00usft (H&P 460)
Site:	Sec 4/9/16 Blk 8/9 T3N	MD Reference:	RKB @ 3035.00usft (H&P 460)
Well:	University 8-9 N MS 2H	North Reference:	Grid
Wellbore:	OH / 69619	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 460)	Database:	USA Compass

Project	Andrews County, TX (NAD83-TNC), Andrews County, Texas		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Texas North Central Zone		

Site	Sec 4/9/16 Blk 8/9 T3N, Site Center: University 8-4 #1		
Site Position:		Northing:	6,851,121.30 usft
From:	Map	Easting:	782,866.20 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 24' 9.609168 N
		Longitude:	102° 20' 32.671246 W
		Grid Convergence:	-2.096 °

Well	University 8-9 N MS 2H		
Well Position	+N/-S	0.00 usft	Northing: 6,848,181.30 usft
	+E/-W	0.00 usft	Easting: 782,176.64 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,035.00 usft
		Latitude:	32° 23' 40.286244 N
		Longitude:	102° 20' 39.454471 W
		Ground Level:	3,009.00 usft

Wellbore	OH / 69619				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	5/14/2022	5.860	60.015	47,449.81060457

Design	Surveys (H&P 460)				
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	170.48	

Survey Program	Date	5/4/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
124.00	1,869.00	Survey #1 (OH / 69619)	MWD	OWSG MWD - Standard	
1,952.00	8,203.00	Survey #2 (OH / 69619)	MWD+HDGM	OWSG MWD + HDGM	
8,323.00	19,805.00	Phoenix MWD Surveys (OH / 69619)	MWD+HRGM	OWSG MWD + HRGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
124.00	0.18	342.73	124.00	0.19	-0.06	-0.19	0.15	0.15	0.00	
217.00	0.22	334.56	217.00	0.49	-0.18	-0.51	0.05	0.04	-8.78	
362.00	0.22	185.76	362.00	0.46	-0.33	-0.51	0.29	0.00	-102.62	
447.00	0.40	239.37	447.00	0.15	-0.60	-0.24	0.38	0.21	63.07	
532.00	0.53	198.33	531.99	-0.38	-0.98	0.21	0.41	0.15	-48.28	
621.00	0.79	202.28	620.99	-1.34	-1.34	1.10	0.30	0.29	4.44	
710.00	0.79	191.56	709.98	-2.50	-1.69	2.19	0.17	0.00	-12.04	
795.00	1.05	189.10	794.97	-3.85	-1.93	3.47	0.31	0.31	-2.89	

Company:	Piedra Operating LLC	Local Co-ordinate Reference:	Well University 8-9 N MS 2H
Project:	Andrews County, TX (NAD83-TNC)	TVD Reference:	RKB @ 3035.00usft (H&P 460)
Site:	Sec 4/9/16 Blk 8/9 T3N	MD Reference:	RKB @ 3035.00usft (H&P 460)
Well:	University 8-9 N MS 2H	North Reference:	Grid
Wellbore:	OH / 69619	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 460)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
883.00	0.44	4.97	882.96	-4.31	-2.03	3.91	1.69	-0.69	199.85
969.00	0.62	39.95	968.96	-3.62	-1.71	3.29	0.42	0.21	40.67
1,056.00	0.84	47.33	1,055.95	-2.83	-0.93	2.63	0.27	0.25	8.48
1,144.00	0.57	18.41	1,143.95	-1.98	-0.32	1.90	0.50	-0.31	-32.86
1,229.00	0.48	8.48	1,228.94	-1.22	-0.14	1.18	0.15	-0.11	-11.68
1,316.00	0.22	45.13	1,315.94	-0.74	0.04	0.74	0.38	-0.30	42.13
1,403.00	0.26	41.97	1,402.94	-0.48	0.29	0.52	0.05	0.05	-3.63
1,490.00	0.09	266.79	1,489.94	-0.34	0.35	0.39	0.38	-0.20	-155.38
1,579.00	0.44	348.18	1,578.94	-0.01	0.21	0.04	0.49	0.39	91.45
1,667.00	0.35	46.63	1,666.94	0.51	0.34	-0.45	0.45	-0.10	66.42
1,820.00	0.18	27.64	1,819.93	1.04	0.79	-0.90	0.12	-0.11	-12.41
1,869.00	0.18	27.64	1,868.93	1.18	0.86	-1.02	0.00	0.00	0.00
1,952.00	0.61	3.76	1,951.94	1.74	0.95	-1.56	0.54	0.52	-28.77
2,047.00	0.47	263.79	2,046.93	2.20	0.60	-2.07	0.88	-0.15	-105.23
2,141.00	1.99	228.49	2,140.91	1.08	-1.01	-1.23	1.73	1.62	-37.55
2,235.00	2.70	230.71	2,234.83	-1.41	-3.95	0.74	0.76	0.76	2.36
2,330.00	3.40	233.82	2,329.70	-4.49	-7.95	3.11	0.76	0.74	3.27
2,424.00	5.34	238.04	2,423.42	-8.45	-13.91	6.03	2.09	2.06	4.49
2,518.00	6.92	241.20	2,516.88	-13.49	-22.59	9.57	1.72	1.68	3.36
2,612.00	8.16	242.37	2,610.06	-19.32	-33.46	13.52	1.33	1.32	1.24
2,707.00	9.36	240.42	2,703.95	-26.26	-46.15	18.26	1.30	1.26	-2.05
2,801.00	9.37	240.28	2,796.70	-33.82	-59.45	23.52	0.03	0.01	-0.15
2,896.00	9.75	239.16	2,890.38	-41.78	-73.07	29.12	0.45	0.40	-1.18
2,990.00	9.71	239.97	2,983.03	-49.83	-86.77	34.79	0.15	-0.04	0.86
3,085.00	8.93	238.62	3,076.77	-57.68	-100.00	40.34	0.85	-0.82	-1.42
3,179.00	8.94	236.21	3,169.63	-65.54	-112.30	46.06	0.40	0.01	-2.56
3,274.00	8.69	235.49	3,263.51	-73.71	-124.34	52.13	0.29	-0.26	-0.76
3,368.00	8.59	235.00	3,356.45	-81.76	-135.95	58.15	0.13	-0.11	-0.52
3,463.00	8.74	236.39	3,450.36	-89.82	-147.77	64.15	0.27	0.16	1.46
3,557.00	8.55	233.53	3,543.29	-97.93	-159.34	70.23	0.50	-0.20	-3.04
3,652.00	8.33	232.07	3,637.26	-106.36	-170.44	76.70	0.32	-0.23	-1.54
3,746.00	8.07	233.67	3,730.30	-114.45	-181.13	82.92	0.37	-0.28	1.70
3,841.00	8.16	236.75	3,824.35	-122.10	-192.14	88.64	0.47	0.09	3.24
3,935.00	8.03	236.23	3,917.42	-129.41	-203.18	94.02	0.16	-0.14	-0.55
4,029.00	8.77	236.23	4,010.41	-137.04	-214.59	99.66	0.79	0.79	0.00
4,124.00	8.59	235.84	4,104.32	-145.05	-226.48	105.59	0.20	-0.19	-0.41
4,218.00	8.47	233.81	4,197.28	-153.08	-237.88	111.63	0.34	-0.13	-2.16
4,312.00	7.99	234.59	4,290.31	-160.95	-248.79	117.58	0.52	-0.51	0.83
4,406.00	7.80	233.89	4,383.42	-168.50	-259.27	123.29	0.23	-0.20	-0.74
4,501.00	7.75	236.17	4,477.55	-175.86	-269.80	128.81	0.33	-0.05	2.40
4,595.00	7.51	235.88	4,570.71	-182.84	-280.15	133.98	0.26	-0.26	-0.31
4,690.00	7.52	234.23	4,664.90	-189.95	-290.33	139.31	0.23	0.01	-1.74
4,784.00	7.57	234.40	4,758.08	-197.15	-300.35	144.76	0.06	0.05	0.18

Company:	Piedra Operating LLC	Local Co-ordinate Reference:	Well University 8-9 N MS 2H
Project:	Andrews County, TX (NAD83-TNC)	TVD Reference:	RKB @ 3035.00usft (H&P 460)
Site:	Sec 4/9/16 Blk 8/9 T3N	MD Reference:	RKB @ 3035.00usft (H&P 460)
Well:	University 8-9 N MS 2H	North Reference:	Grid
Wellbore:	OH / 69619	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 460)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,879.00	6.79	232.35	4,852.34	-204.22	-309.89	150.16	0.86	-0.82	-2.16
4,974.00	6.57	231.66	4,946.69	-211.03	-318.60	155.42	0.25	-0.23	-0.73
5,068.00	6.13	232.78	5,040.12	-217.40	-326.81	160.35	0.49	-0.47	1.19
5,163.00	5.58	231.90	5,134.62	-223.32	-334.49	164.92	0.59	-0.58	-0.93
5,258.00	6.05	239.52	5,229.13	-228.71	-342.44	168.92	0.95	0.49	8.02
5,352.00	5.84	236.52	5,322.63	-233.86	-350.69	172.63	0.40	-0.22	-3.19
5,446.00	5.86	240.28	5,416.14	-238.87	-358.85	176.23	0.41	0.02	4.00
5,541.00	5.53	239.78	5,510.67	-243.58	-367.02	179.52	0.35	-0.35	-0.53
5,635.00	5.45	244.08	5,604.24	-247.81	-374.95	182.38	0.45	-0.09	4.57
5,729.00	5.05	245.60	5,697.85	-251.47	-382.73	184.71	0.45	-0.43	1.62
5,824.00	3.42	250.51	5,792.58	-254.15	-389.21	186.27	1.76	-1.72	5.17
5,918.00	3.52	247.74	5,886.41	-256.17	-394.52	187.39	0.21	0.11	-2.95
6,013.00	3.30	250.06	5,981.24	-258.21	-399.79	188.53	0.27	-0.23	2.44
6,107.00	1.97	262.56	6,075.14	-259.34	-403.94	188.96	1.53	-1.41	13.30
6,201.00	2.17	264.40	6,169.08	-259.73	-407.31	188.78	0.22	0.21	1.96
6,296.00	1.97	259.57	6,264.02	-260.20	-410.71	188.68	0.28	-0.21	-5.08
6,390.00	1.95	259.07	6,357.96	-260.79	-413.87	188.75	0.03	-0.02	-0.53
6,484.00	2.00	257.90	6,451.91	-261.44	-417.04	188.86	0.07	0.05	-1.24
6,579.00	1.19	259.47	6,546.87	-261.97	-419.63	188.95	0.85	-0.85	1.65
6,674.00	1.34	265.81	6,641.85	-262.23	-421.71	188.87	0.22	0.16	6.67
6,768.00	1.35	264.82	6,735.82	-262.41	-423.91	188.68	0.03	0.01	-1.05
6,863.00	1.11	264.66	6,830.80	-262.60	-425.94	188.53	0.25	-0.25	-0.17
6,957.00	1.02	261.18	6,924.78	-262.81	-427.67	188.45	0.12	-0.10	-3.70
7,052.00	0.90	249.74	7,019.77	-263.20	-429.21	188.58	0.24	-0.13	-12.04
7,146.00	0.85	246.01	7,113.76	-263.74	-430.54	188.89	0.08	-0.05	-3.97
7,241.00	0.95	244.42	7,208.75	-264.36	-431.89	189.29	0.11	0.11	-1.67
7,335.00	0.88	248.65	7,302.73	-264.96	-433.27	189.65	0.10	-0.07	4.50
7,430.00	1.05	249.42	7,397.72	-265.53	-434.76	189.97	0.18	0.18	0.81
7,524.00	0.66	234.89	7,491.71	-266.15	-436.01	190.37	0.47	-0.41	-15.46
7,619.00	0.65	245.50	7,586.70	-266.69	-436.95	190.74	0.13	-0.01	11.17
7,713.00	0.63	245.95	7,680.70	-267.12	-437.90	191.01	0.02	-0.02	0.48
7,807.00	0.42	272.06	7,774.69	-267.32	-438.72	191.07	0.33	-0.22	27.78
7,901.00	0.33	323.33	7,868.69	-267.09	-439.23	190.76	0.36	-0.10	54.54
7,995.00	0.26	314.73	7,962.69	-266.72	-439.54	190.35	0.09	-0.07	-9.15
8,089.00	0.23	2.23	8,056.69	-266.38	-439.68	189.99	0.21	-0.03	50.53
8,125.00	0.26	35.02	8,092.69	-266.24	-439.63	189.86	0.39	0.08	91.08
8,203.00	0.26	35.02	8,170.69	-265.95	-439.43	189.61	0.00	0.00	0.00
Current Survey - Tie In									
8,323.00	1.18	80.42	8,290.68	-265.52	-438.06	189.41	0.85	0.77	37.83
First Phoenix MWD Survey									
8,419.00	1.93	86.21	8,386.64	-265.25	-435.47	189.57	0.80	0.78	6.03
8,514.00	9.92	151.65	8,481.11	-272.36	-429.97	197.49	9.77	8.41	68.88
8,611.00	18.08	161.56	8,575.17	-294.03	-421.23	220.31	8.74	8.41	10.22
8,707.00	26.25	168.96	8,664.01	-329.07	-412.44	256.32	8.98	8.51	7.71

Company:	Piedra Operating LLC	Local Co-ordinate Reference:	Well University 8-9 N MS 2H
Project:	Andrews County, TX (NAD83-TNC)	TVD Reference:	RKB @ 3035.00usft (H&P 460)
Site:	Sec 4/9/16 Blk 8/9 T3N	MD Reference:	RKB @ 3035.00usft (H&P 460)
Well:	University 8-9 N MS 2H	North Reference:	Grid
Wellbore:	OH / 69619	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 460)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,802.00	37.02	176.97	8,744.81	-378.42	-406.88	305.91	12.15	11.34	8.43
8,896.00	45.85	175.42	8,815.22	-440.41	-402.69	367.74	9.46	9.39	-1.65
8,991.00	50.50	177.56	8,878.56	-511.05	-398.40	438.12	5.17	4.89	2.25
9,055.00	53.31	177.73	8,918.04	-561.37	-396.33	488.08	4.40	4.39	0.27
9,119.00	56.68	179.49	8,954.75	-613.77	-395.08	539.97	5.73	5.27	2.75
9,214.00	61.30	181.51	9,003.68	-695.16	-395.82	620.11	5.19	4.86	2.13
9,308.00	67.55	180.71	9,044.24	-779.89	-397.45	703.41	6.69	6.65	-0.85
9,404.00	77.69	179.74	9,072.88	-871.38	-397.79	793.59	10.61	10.56	-1.01
9,499.00	89.88	179.19	9,083.14	-965.64	-396.90	886.70	12.84	12.83	-0.58
9,594.00	90.12	179.07	9,083.14	-1,060.63	-395.46	980.61	0.28	0.25	-0.13
9,688.00	90.13	176.56	9,082.94	-1,154.56	-391.88	1,073.84	2.67	0.01	-2.67
9,783.00	92.03	173.57	9,081.15	-1,249.17	-383.71	1,168.50	3.73	2.00	-3.15
9,879.00	93.23	173.88	9,076.74	-1,344.49	-373.22	1,264.24	1.29	1.25	0.32
9,975.00	92.53	171.69	9,071.92	-1,439.61	-361.18	1,360.04	2.39	-0.73	-2.28
10,070.00	91.79	168.18	9,068.34	-1,533.06	-344.59	1,454.95	3.77	-0.78	-3.69
10,165.00	91.70	167.26	9,065.44	-1,625.85	-324.40	1,549.80	0.97	-0.09	-0.97
10,260.00	91.80	166.26	9,062.54	-1,718.28	-302.65	1,644.55	1.06	0.11	-1.05
10,354.00	92.15	165.77	9,059.30	-1,809.44	-279.95	1,738.21	0.64	0.37	-0.52
10,450.00	91.84	166.70	9,055.96	-1,902.62	-257.12	1,833.89	1.02	-0.32	0.97
10,545.00	91.18	166.07	9,053.46	-1,994.92	-234.77	1,928.61	0.96	-0.69	-0.66
10,641.00	90.65	167.67	9,051.93	-2,088.39	-212.96	2,024.41	1.76	-0.55	1.67
10,736.00	89.22	167.98	9,052.03	-2,181.25	-192.93	2,119.30	1.54	-1.51	0.33
10,832.00	89.47	168.61	9,053.13	-2,275.25	-173.45	2,215.22	0.71	0.26	0.66
10,927.00	90.27	168.01	9,053.35	-2,368.28	-154.20	2,310.15	1.05	0.84	-0.63
11,022.00	91.10	168.21	9,052.21	-2,461.23	-134.63	2,405.07	0.90	0.87	0.21
11,117.00	91.84	168.33	9,049.77	-2,554.22	-115.33	2,499.96	0.79	0.78	0.13
11,212.00	92.01	168.61	9,046.58	-2,647.25	-96.35	2,594.85	0.34	0.18	0.29
11,307.00	92.80	169.07	9,042.60	-2,740.37	-77.98	2,689.73	0.96	0.83	0.48
11,402.00	93.07	168.77	9,037.73	-2,833.48	-59.74	2,784.57	0.42	0.28	-0.32
11,496.00	91.02	167.72	9,034.38	-2,925.44	-40.61	2,878.43	2.45	-2.18	-1.12
11,590.00	91.19	167.66	9,032.56	-3,017.26	-20.57	2,972.30	0.19	0.18	-0.06
11,685.00	91.87	167.83	9,030.03	-3,110.06	-0.41	3,067.16	0.74	0.72	0.18
11,780.00	90.62	168.29	9,027.96	-3,202.98	19.24	3,162.05	1.40	-1.32	0.48
11,874.00	88.71	166.99	9,028.51	-3,294.80	39.36	3,255.93	2.46	-2.03	-1.38
11,969.00	88.98	167.40	9,030.43	-3,387.41	60.41	3,350.75	0.52	0.28	0.43
12,064.00	88.61	167.20	9,032.43	-3,480.07	81.29	3,445.58	0.44	-0.39	-0.21
12,158.00	88.90	166.59	9,034.47	-3,571.60	102.60	3,539.38	0.72	0.31	-0.65
12,254.00	90.29	165.57	9,035.15	-3,664.77	125.69	3,635.09	1.80	1.45	-1.06
12,348.00	91.02	166.86	9,034.07	-3,756.06	148.09	3,728.82	1.58	0.78	1.37
12,443.00	91.29	166.54	9,032.16	-3,848.49	169.94	3,823.59	0.44	0.28	-0.34
12,537.00	91.35	166.84	9,029.99	-3,939.94	191.57	3,917.36	0.33	0.06	0.32
12,633.00	90.95	165.99	9,028.07	-4,033.24	214.12	4,013.10	0.98	-0.42	-0.89
12,729.00	91.38	165.87	9,026.11	-4,126.34	237.45	4,108.78	0.47	0.45	-0.13

Company:	Piedra Operating LLC	Local Co-ordinate Reference:	Well University 8-9 N MS 2H
Project:	Andrews County, TX (NAD83-TNC)	TVD Reference:	RKB @ 3035.00usft (H&P 460)
Site:	Sec 4/9/16 Blk 8/9 T3N	MD Reference:	RKB @ 3035.00usft (H&P 460)
Well:	University 8-9 N MS 2H	North Reference:	Grid
Wellbore:	OH / 69619	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 460)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,824.00	91.50	165.96	9,023.73	-4,218.45	260.56	4,203.45	0.16	0.13	0.09
12,919.00	91.87	166.49	9,020.93	-4,310.68	283.17	4,298.14	0.68	0.39	0.56
13,013.00	91.18	165.68	9,018.43	-4,401.89	305.77	4,391.83	1.13	-0.73	-0.86
13,109.00	91.38	166.06	9,016.29	-4,494.96	329.20	4,487.50	0.45	0.21	0.40
13,205.00	89.56	166.95	9,015.50	-4,588.30	351.60	4,583.26	2.11	-1.90	0.93
13,300.00	89.62	166.40	9,016.18	-4,680.74	373.49	4,678.05	0.58	0.06	-0.58
13,395.00	89.48	166.25	9,016.93	-4,773.04	395.95	4,772.79	0.22	-0.15	-0.16
13,489.00	89.61	165.60	9,017.67	-4,864.22	418.81	4,866.49	0.71	0.14	-0.69
13,586.00	89.27	165.16	9,018.62	-4,958.07	443.29	4,963.10	0.57	-0.35	-0.45
13,681.00	88.67	164.76	9,020.33	-5,049.80	467.94	5,057.65	0.76	-0.63	-0.42
13,777.00	89.22	166.70	9,022.10	-5,142.82	491.60	5,153.30	2.10	0.57	2.02
13,872.00	88.82	167.22	9,023.72	-5,235.36	513.03	5,248.10	0.69	-0.42	0.55
13,967.00	89.19	167.62	9,025.37	-5,328.06	533.72	5,342.95	0.57	0.39	0.42
14,062.00	89.11	167.35	9,026.78	-5,420.79	554.30	5,437.81	0.30	-0.08	-0.28
14,158.00	91.06	167.43	9,026.64	-5,514.47	575.26	5,533.67	2.03	2.03	0.08
14,254.00	90.99	166.05	9,024.92	-5,607.90	597.28	5,629.45	1.44	-0.07	-1.44
14,349.00	90.76	166.14	9,023.47	-5,700.10	620.10	5,724.16	0.26	-0.24	0.09
14,445.00	92.04	165.97	9,021.12	-5,793.24	643.23	5,819.84	1.35	1.33	-0.18
14,539.00	91.42	166.89	9,018.29	-5,884.58	665.27	5,913.56	1.18	-0.66	0.98
14,634.00	89.24	165.84	9,017.74	-5,976.89	687.67	6,008.31	2.55	-2.29	-1.11
14,729.00	90.07	166.91	9,018.31	-6,069.21	710.05	6,103.06	1.43	0.87	1.13
14,823.00	90.50	167.69	9,017.84	-6,160.91	730.71	6,196.91	0.95	0.46	0.83
14,917.00	90.30	167.87	9,017.19	-6,252.78	750.61	6,290.81	0.29	-0.21	0.19
15,011.00	89.39	168.03	9,017.44	-6,344.71	770.23	6,384.71	0.98	-0.97	0.17
15,106.00	88.87	168.11	9,018.88	-6,437.64	789.87	6,479.62	0.55	-0.55	0.08
15,203.00	89.33	168.11	9,020.41	-6,532.55	809.85	6,576.52	0.47	0.47	0.00
15,299.00	89.64	168.01	9,021.27	-6,626.47	829.71	6,672.43	0.34	0.32	-0.10
15,392.00	91.21	167.89	9,020.58	-6,717.42	849.12	6,765.34	1.69	1.69	-0.13
15,487.00	91.78	168.42	9,018.10	-6,810.36	868.62	6,860.23	0.82	0.60	0.56
15,583.00	92.40	168.24	9,014.60	-6,904.31	888.02	6,956.10	0.67	0.65	-0.19
15,679.00	92.70	169.10	9,010.33	-6,998.35	906.86	7,051.95	0.95	0.31	0.90
15,773.00	90.36	168.30	9,007.82	-7,090.49	925.27	7,145.87	2.63	-2.49	-0.85
15,868.00	90.19	167.55	9,007.36	-7,183.38	945.15	7,240.77	0.81	-0.18	-0.79
15,964.00	89.62	167.14	9,007.52	-7,277.05	966.18	7,336.62	0.73	-0.59	-0.43
16,059.00	89.11	166.76	9,008.58	-7,369.59	987.63	7,431.44	0.67	-0.54	-0.40
16,154.00	89.47	166.73	9,009.75	-7,462.05	1,009.41	7,526.23	0.38	0.38	-0.03
16,249.00	90.16	166.90	9,010.06	-7,554.55	1,031.08	7,621.03	0.75	0.73	0.18
16,343.00	90.89	167.32	9,009.20	-7,646.17	1,052.05	7,714.87	0.90	0.78	0.45
16,439.00	91.21	168.35	9,007.44	-7,740.00	1,072.27	7,810.75	1.12	0.33	1.07
16,533.00	91.90	168.55	9,004.89	-7,832.06	1,091.09	7,904.65	0.76	0.73	0.21
16,626.00	91.92	166.97	9,001.79	-7,922.89	1,110.79	7,997.49	1.70	0.02	-1.70
16,720.00	90.59	166.02	8,999.73	-8,014.27	1,132.74	8,091.24	1.74	-1.41	-1.01
16,815.00	89.85	165.49	8,999.36	-8,106.35	1,156.11	8,185.92	0.96	-0.78	-0.56

Company:	Piedra Operating LLC	Local Co-ordinate Reference:	Well University 8-9 N MS 2H
Project:	Andrews County, TX (NAD83-TNC)	TVD Reference:	RKB @ 3035.00usft (H&P 460)
Site:	Sec 4/9/16 Blk 8/9 T3N	MD Reference:	RKB @ 3035.00usft (H&P 460)
Well:	University 8-9 N MS 2H	North Reference:	Grid
Wellbore:	OH / 69619	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 460)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,909.00	91.13	165.73	8,998.56	-8,197.39	1,179.47	8,279.57	1.39	1.36	0.26
17,003.00	87.94	165.50	8,999.32	-8,288.43	1,202.82	8,373.22	3.40	-3.39	-0.24
17,098.00	87.19	165.32	9,003.36	-8,380.28	1,226.73	8,467.76	0.81	-0.79	-0.19
17,192.00	87.24	165.06	9,007.93	-8,471.05	1,250.73	8,561.25	0.28	0.05	-0.28
17,287.00	87.08	164.97	9,012.63	-8,562.71	1,275.26	8,655.70	0.19	-0.17	-0.09
17,381.00	89.61	166.68	9,015.35	-8,653.80	1,298.27	8,749.34	3.25	2.69	1.82
17,475.00	89.68	166.22	9,015.93	-8,745.18	1,320.29	8,843.11	0.49	0.07	-0.49
17,570.00	89.64	165.76	9,016.49	-8,837.35	1,343.29	8,937.81	0.49	-0.04	-0.48
17,665.00	90.10	165.71	9,016.71	-8,929.42	1,366.70	9,032.49	0.49	0.48	-0.05
17,762.00	90.45	166.22	9,016.24	-9,023.53	1,390.22	9,129.18	0.64	0.36	0.53
17,856.00	92.17	166.80	9,014.10	-9,114.91	1,412.15	9,222.93	1.93	1.83	0.62
17,951.00	91.16	166.39	9,011.34	-9,207.28	1,434.16	9,317.67	1.15	-1.06	-0.43
18,045.00	90.39	166.95	9,010.06	-9,298.73	1,455.83	9,411.45	1.01	-0.82	0.60
18,141.00	88.50	166.21	9,010.99	-9,392.10	1,478.11	9,507.22	2.11	-1.97	-0.77
18,236.00	88.42	165.48	9,013.55	-9,484.19	1,501.33	9,601.88	0.77	-0.08	-0.77
18,331.00	89.10	167.61	9,015.60	-9,576.55	1,523.43	9,696.62	2.35	0.72	2.24
18,425.00	90.02	168.19	9,016.32	-9,668.46	1,543.13	9,790.52	1.16	0.98	0.62
18,520.00	90.89	168.64	9,015.57	-9,761.52	1,562.21	9,885.46	1.03	0.92	0.47
18,614.00	91.24	168.91	9,013.82	-9,853.70	1,580.50	9,979.40	0.47	0.37	0.29
18,709.00	89.88	167.67	9,012.89	-9,946.72	1,599.78	10,074.32	1.94	-1.43	-1.31
18,803.00	89.19	166.61	9,013.66	-10,038.36	1,620.70	10,168.16	1.35	-0.73	-1.13
18,897.00	89.59	167.24	9,014.66	-10,129.91	1,641.97	10,261.97	0.79	0.43	0.67
18,991.00	91.46	167.38	9,013.80	-10,221.61	1,662.62	10,355.82	1.99	1.99	0.15
19,086.00	92.37	167.07	9,010.62	-10,314.20	1,683.61	10,450.61	1.01	0.96	-0.33
19,181.00	92.30	166.76	9,006.75	-10,406.66	1,705.10	10,545.35	0.33	-0.07	-0.33
19,275.00	93.35	167.01	9,002.12	-10,498.10	1,726.40	10,639.05	1.15	1.12	0.27
19,370.00	91.87	167.02	8,997.79	-10,590.57	1,747.73	10,733.77	1.56	-1.56	0.01
19,465.00	89.36	166.51	8,996.77	-10,683.03	1,769.47	10,828.56	2.70	-2.64	-0.54
19,559.00	88.84	166.59	8,998.25	-10,774.44	1,791.34	10,922.33	0.56	-0.55	0.09
19,655.00	89.25	166.80	8,999.85	-10,867.85	1,813.43	11,018.11	0.48	0.43	0.22
19,744.00	89.68	167.09	9,000.68	-10,954.55	1,833.53	11,106.93	0.58	0.48	0.33
Final Phoenix MWD Survey									
19,805.00	89.68	167.09	9,001.02	-11,014.01	1,847.16	11,167.82	0.00	0.00	0.00
Projection to TD									

Company:	Piedra Operating LLC	Local Co-ordinate Reference:	Well University 8-9 N MS 2H
Project:	Andrews County, TX (NAD83-TNC)	TVD Reference:	RKB @ 3035.00usft (H&P 460)
Site:	Sec 4/9/16 Blk 8/9 T3N	MD Reference:	RKB @ 3035.00usft (H&P 460)
Well:	University 8-9 N MS 2H	North Reference:	Grid
Wellbore:	OH / 69619	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 460)	Database:	USA Compass

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP/BH U 8-9 2H	0.00	360.00	9,000.00	-10,925.45	1,828.08	6,837,255.85	784,004.72	32° 21' 52.906831 N	102° 20' 13.494178 W
- actual wellpath misses target center by 1.31usft at 19714.42usft MD (9000.48 TVD, -10925.72 N, 1826.89 E)									
- Point									
FTP U 8-9 2H	0.00	0.00	9,050.00	-828.20	-508.88	6,847,353.10	781,667.76	32° 23' 31.912002 N	102° 20' 45.032142 W
- actual wellpath misses target center by 111.62usft at 9356.28usft MD (9060.67 TVD, -825.27 N, -397.81 E)									
- Point									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,203.00	8,170.69	-265.95	-439.43	Current Survey
8,203.00	8,170.69	-265.95	-439.43	Tie In
8,323.00	8,290.68	-265.52	-438.06	First Phoenix MWD Survey
19,744.00	9,000.68	-10,954.55	1,833.53	Final Phoenix MWD Survey
19,805.00	9,001.02	-11,014.01	1,847.16	Projection to TD

MY CO INDUSTRIES ET AL
UL LEASE #109700

PIEDRA ENERGY III LLC
UL LEASE #11599
8-9 N MS 2H
ELEV: 3009'
N: 6848181.30
E: 782176.64
LAT: N32.3945
LONG: W102.3443

UL MON
N: 6847146.78
E: 780333.58
LAT: N32.3915
LONG: W102.3501

1347' FTP
N: 6847353.10
E: 781667.76
LAT: N32.3922
LONG: W102.3458

1320'
867 to 1H

PIEDRA ENERGY LLC
UL LEASE #108927

Piedra Operating

5181'
AZ 166°58'01" 10.000'

161.62 ACRES
161.64 ACRES

PIEDRA ENERGY LLC
UL LEASE #108928

Piedra Operating

LTP 1320 FEL 452 FSL
N: 6837610.75
E: 783922.89
LAT: N32.3657
LONG: W102.3374

BHL
N: 6837255.85
E: 784004.72
LAT: N32.3647
LONG: W102.3371

BLOCK 40 T3N
G&MMB&A SURVEY

28

16

9

4

10

8

PIEDRA ENERGY III LLC
UL LEASE #108926

CHEVRON CORP
UL LEASE #036991

CHEVRON CORP
UL LEASE #036994

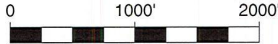
CHEVRON CORP
UL LEASE #036995

FASKEN OIL AND RANCH
UL LEASE #89663

LEGEND:

- ACTIVE PIEDRA LINE
- SECTION LINE
- BLOCK LINE
- LEASE LINE
- INACTIVE PIEDRA LINE

GRAPHIC SCALE



NOTE:

COURSES, DISTANCES AND COORDINATES SHOWN HEREON ARE LAMBERT GRID AND CONFORM TO THE "TEXAS COORDINATE SYSTEM", TEXAS NORTH CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983. ALL DISTANCES AND COORDINATES ARE SHOWN IN GRID FEET.

ELEVATION NAVD 1988



SCHUMANN
ENGINEERING CO.
A LATERAL LAND COMPANY

800 N. WARDENFELD STREET
SUITE 100
MIDLAND, TEXAS 79701

CIVIL ENGINEERING - LAND SURVEYING
TEXAS FIRM No. P1880 - TEXAS FIRM No. 10149500

Office (432) 684-5548

THE UNDERSIGNED DOES HEREBY CERTIFY THAT THIS LOCATION WAS THIS DAY MADE ON THE GROUND BY ME OR UNDER MY SUPERVISION AND THAT THIS PLAT IS A CORRECT REPRESENTATION THEREOF.

DATED THIS 10TH DAY OF NOVEMBER, 2021

RJ DAUM
TEXAS RPLS 4826



THIS WELL IS TO BE LOCATED 12.7 MILES IN A EASTERLY DIRECTION FROM ANDREWS WHICH IS THE NEAREST TOWN IN THE COUNTY OF THE WELL SITE.

LOCATION PLAT

PIEDRA OPERATING, LLC.

WELL NO. 2H
UNIVERSITY 8-9 N MS

SURFACE HOLE
592 FEET FROM THE SOUTH AND
2029 FEET FROM THE WEST LINES,
SECTION 4, BLOCK 9,
BOTTOM HOLE
100 FEET FROM THE SOUTH AND
1347 FEET FROM THE WEST LINES
SECTION 16, BLOCK 8,
UNIVERSITY LAND
ANDREWS COUNTY, TEXAS
QUAD: FIVE WELLS RANCH SW PROJECT: 78158-D
SCALE: 1" = 1000' JOB NO: 78,158

SURVEY DATA CERTIFICATION



PHOENIX
TECHNOLOGY SERVICES

Job #: 69619
 Client: Piedra Operating LLC
 County & State: Andrews County, Texas
 Well: University 8-9 N MS 2H
 API No: 42-003-48482
 Proposed Direction: 170.50

TIE-IN DATA

MD	TVD	INC	AZM	N/-S	E/-W	DATA SOURCE
8203.00	8170.69	0.26	35.02	-265.95	-439.43	MWD
Data Source Company:						Scientific Drilling

SURVEY DATA

First Survey Date	First Survey Depth	INC	AZM
26-Apr-22	8,323 ft	1.18°	80.42°

Last Survey Date	Last Survey Depth	INC	AZM
3-May-22	19,744 ft	89.68°	167.09°

Survey Instrument Type
Phoenix Velocity

Projected TD Survey Date	Projected TD Survey Depth	INC	AZM
3-May-22	19,805 ft	89.68°	167.09°

CORRECTION INFORMATION

Magnetic Declination Used	5.86 degrees
Grid Convergence Used	-2.10 degrees
Total Correction	7.96 degrees

Corrected to True/Grid North
Grid

TO THE BEST OF MY KNOWLEDGE, I
 CERTIFY THIS SURVEY DATA TO BE
 TRUE AND CORRECT.

Herman Carter
 Signature

May 3, 2022
 Date