

30-025-44450

PRIDE ENERGY COMPANY
LEADING THE OIL AND GAS INDUSTRY

Pride Energy Company

Lea County, New Mexico (NAD 83)

Paduca "16" State

202H

Wellbore #1

Plan: Design #1

HOBBS OCD

FEB 09 2018

RECEIVED

Standard Planning Report

06 February, 2018

MS *Directional*

Database:	Conroe Server	Local Co-ordinate Reference:	Well 202H
Company:	Pride Energy Company	TVD Reference:	WELL @ 3447.00usft
Project:	Lea County, New Mexico (NAD 83)	MD Reference:	WELL @ 3447.00usft
Site:	Paduca "16" State	North Reference:	Grid
Well:	202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Lea County, New Mexico (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	Paduca "16" State		
Site Position:		Northing:	414,244.02 usft
From:	Map	Easting:	744,014.57 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 20.688 N
		Longitude:	109° 8' 40.363 W
		Grid Convergence:	-1.54 °

Well	202H		
Well Position	+N/-S	0.58 usft	Northing: 414,244.60 usft
	+E/-W	50.00 usft	Easting: 744,064.57 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	Latitude: 32° 6' 20.707 N
			Longitude: 109° 8' 39.782 W
			Ground Level: 3,427.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2017	02/02/18	9.16	58.91	47,090

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	174.17

Plan Survey Tool Program	Date	02/06/18		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	13,208.35	Design #1 (Wellbore #1)	MWD
				OWSG MWD - Standard

Database: Conroe Server
Company: Pride Energy Company
Project: Lea County, New Mexico (NAD 83)
Site: Paduca "16" State
Well: 202H
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well 202H
TVD Reference: WELL @ 3447.00usft
MD Reference: WELL @ 3447.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,080.00	2.00	90.00	2,079.98	0.00	1.40	2.50	2.50	0.00	90.00	
4,300.00	2.00	90.00	4,298.63	0.00	78.87	0.00	0.00	0.00	0.00	
4,433.33	0.00	0.00	4,431.94	0.00	81.20	1.50	-1.50	0.00	180.00	
4,540.00	0.00	0.00	4,538.60	0.00	81.20	0.00	0.00	0.00	0.00	
4,879.86	8.50	64.47	4,877.22	10.84	103.90	2.50	2.50	0.00	64.47	
7,337.83	8.50	64.47	7,308.21	167.34	431.61	0.00	0.00	0.00	0.00	
7,904.26	0.00	0.00	7,872.57	185.40	469.44	1.50	-1.50	0.00	180.00	VP - Paduca "16" S
8,004.26	0.00	0.00	7,972.57	185.40	469.44	0.00	0.00	0.00	0.00	
8,748.90	89.36	179.82	8,450.00	-286.71	470.89	12.00	12.00	0.00	179.82	
13,208.40	89.36	179.82	8,500.00	-4,745.90	484.58	0.00	0.00	0.00	0.00	PBHL - Paduca "16"

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Site:	Paduca "16" State	North Reference:	Grid
Well:	202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned 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
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, 2.50°/100' Build									
2,080.00	2.00	90.00	2,079.98	0.00	1.40	0.14	2.50	2.50	0.00
Hold 2.00° Inc, 90.00° Azm									
2,100.00	2.00	90.00	2,099.97	0.00	2.09	0.21	0.00	0.00	0.00
2,200.00	2.00	90.00	2,199.91	0.00	5.58	0.57	0.00	0.00	0.00
2,300.00	2.00	90.00	2,299.85	0.00	9.07	0.92	0.00	0.00	0.00
2,400.00	2.00	90.00	2,399.79	0.00	12.56	1.28	0.00	0.00	0.00
2,500.00	2.00	90.00	2,499.73	0.00	16.05	1.63	0.00	0.00	0.00
2,600.00	2.00	90.00	2,599.67	0.00	19.54	1.99	0.00	0.00	0.00
2,700.00	2.00	90.00	2,699.61	0.00	23.03	2.34	0.00	0.00	0.00
2,800.00	2.00	90.00	2,799.55	0.00	26.52	2.69	0.00	0.00	0.00
2,900.00	2.00	90.00	2,899.48	0.00	30.01	3.05	0.00	0.00	0.00
3,000.00	2.00	90.00	2,999.42	0.00	33.50	3.40	0.00	0.00	0.00
3,100.00	2.00	90.00	3,099.36	0.00	36.99	3.76	0.00	0.00	0.00
3,200.00	2.00	90.00	3,199.30	0.00	40.48	4.11	0.00	0.00	0.00
3,300.00	2.00	90.00	3,299.24	0.00	43.97	4.47	0.00	0.00	0.00
3,400.00	2.00	90.00	3,399.18	0.00	47.46	4.82	0.00	0.00	0.00
3,500.00	2.00	90.00	3,499.12	0.00	50.95	5.18	0.00	0.00	0.00
3,600.00	2.00	90.00	3,599.06	0.00	54.44	5.53	0.00	0.00	0.00
3,700.00	2.00	90.00	3,699.00	0.00	57.93	5.88	0.00	0.00	0.00
3,800.00	2.00	90.00	3,798.94	0.00	61.42	6.24	0.00	0.00	0.00
3,900.00	2.00	90.00	3,898.88	0.00	64.91	6.59	0.00	0.00	0.00
4,000.00	2.00	90.00	3,998.81	0.00	68.40	6.95	0.00	0.00	0.00
4,100.00	2.00	90.00	4,098.75	0.00	71.89	7.30	0.00	0.00	0.00
4,200.00	2.00	90.00	4,198.69	0.00	75.38	7.66	0.00	0.00	0.00
4,300.00	2.00	90.00	4,298.63	0.00	78.87	8.01	0.00	0.00	0.00
Begin 1.50°/100' Drop									
4,400.00	0.50	90.00	4,398.60	0.00	81.05	8.23	1.50	-1.50	0.00
4,433.33	0.00	0.00	4,431.94	0.00	81.20	8.25	1.50	-1.50	0.00
Begin Vertical Hold									
4,500.00	0.00	0.00	4,498.60	0.00	81.20	8.25	0.00	0.00	0.00
4,540.00	0.00	0.00	4,538.60	0.00	81.20	8.25	0.00	0.00	0.00
Begin 2.50°/100' Build									

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Wellbore:	Wellbore #1		
Design:	Design #1		

Planned 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)
4,600.00	1.50	64.47	4,598.60	0.34	81.91	7.98	2.50	2.50	0.00
4,700.00	4.00	64.47	4,698.47	2.41	86.24	6.37	2.50	2.50	0.00
4,800.00	6.50	64.47	4,798.05	6.35	94.49	3.28	2.50	2.50	0.00
4,879.86	8.50	64.47	4,877.22	10.84	103.90	-0.23	2.50	2.50	0.00
Hold 8.50° Inc, 64.47° Azm									
4,900.00	8.50	64.47	4,897.14	12.12	106.58	-1.23	0.00	0.00	0.00
5,000.00	8.50	64.47	4,996.04	18.49	119.92	-6.21	0.00	0.00	0.00
5,100.00	8.50	64.47	5,094.94	24.86	133.25	-11.19	0.00	0.00	0.00
5,200.00	8.50	64.47	5,193.85	31.22	146.58	-16.17	0.00	0.00	0.00
5,300.00	8.50	64.47	5,292.75	37.59	159.91	-21.15	0.00	0.00	0.00
5,400.00	8.50	64.47	5,391.65	43.96	173.25	-26.13	0.00	0.00	0.00
5,500.00	8.50	64.47	5,490.55	50.32	186.58	-31.11	0.00	0.00	0.00
5,600.00	8.50	64.47	5,589.46	56.69	199.91	-36.09	0.00	0.00	0.00
5,700.00	8.50	64.47	5,688.36	63.06	213.24	-41.07	0.00	0.00	0.00
5,800.00	8.50	64.47	5,787.26	69.42	226.58	-46.05	0.00	0.00	0.00
5,900.00	8.50	64.47	5,886.16	75.79	239.91	-51.03	0.00	0.00	0.00
6,000.00	8.50	64.47	5,985.07	82.16	253.24	-56.01	0.00	0.00	0.00
6,100.00	8.50	64.47	6,083.97	88.53	266.57	-60.99	0.00	0.00	0.00
6,200.00	8.50	64.47	6,182.87	94.89	279.91	-65.97	0.00	0.00	0.00
6,300.00	8.50	64.47	6,281.77	101.26	293.24	-70.95	0.00	0.00	0.00
6,400.00	8.50	64.47	6,380.68	107.63	306.57	-75.93	0.00	0.00	0.00
6,500.00	8.50	64.47	6,479.58	113.99	319.90	-80.91	0.00	0.00	0.00
6,600.00	8.50	64.47	6,578.48	120.36	333.24	-85.89	0.00	0.00	0.00
6,700.00	8.50	64.47	6,677.38	126.73	346.57	-90.87	0.00	0.00	0.00
6,800.00	8.50	64.47	6,776.29	133.09	359.90	-95.85	0.00	0.00	0.00
6,900.00	8.50	64.47	6,875.19	139.46	373.24	-100.83	0.00	0.00	0.00
7,000.00	8.50	64.47	6,974.09	145.83	386.57	-105.81	0.00	0.00	0.00
7,100.00	8.50	64.47	7,072.99	152.20	399.90	-110.79	0.00	0.00	0.00
7,200.00	8.50	64.47	7,171.90	158.56	413.23	-115.77	0.00	0.00	0.00
7,300.00	8.50	64.47	7,270.80	164.93	426.57	-120.75	0.00	0.00	0.00
7,337.83	8.50	64.47	7,308.21	167.34	431.61	-122.63	0.00	0.00	0.00
Begin 1.50°/100' Drop									
7,400.00	7.56	64.47	7,369.77	171.08	439.45	-125.56	1.50	-1.50	0.00
7,500.00	6.06	64.47	7,469.06	176.19	450.15	-129.56	1.50	-1.50	0.00
7,600.00	4.56	64.47	7,568.63	180.18	458.51	-132.68	1.50	-1.50	0.00
7,700.00	3.06	64.47	7,668.41	183.05	464.51	-134.92	1.50	-1.50	0.00
7,800.00	1.56	64.47	7,768.32	184.79	468.15	-136.28	1.50	-1.50	0.00
7,904.26	0.00	0.00	7,872.57	185.40	469.44	-136.76	1.50	-1.50	0.00
Begin Vertical Hold									
8,004.26	0.00	0.00	7,972.57	185.40	469.44	-136.76	0.00	0.00	0.00
Begin 12.00°/100' Build									
8,025.00	2.49	179.82	7,993.30	184.95	469.44	-136.31	12.00	12.00	0.00
8,050.00	5.49	179.82	8,018.24	183.21	469.45	-134.58	12.00	12.00	0.00
8,075.00	8.49	179.82	8,043.05	180.17	469.45	-131.56	12.00	12.00	0.00
8,100.00	11.49	179.82	8,067.67	175.84	469.47	-127.24	12.00	12.00	0.00
8,125.00	14.49	179.82	8,092.03	170.22	469.49	-121.65	12.00	12.00	0.00
8,150.00	17.49	179.82	8,116.06	163.33	469.51	-114.80	12.00	12.00	0.00
8,175.00	20.49	179.82	8,139.69	155.20	469.53	-106.70	12.00	12.00	0.00
8,200.00	23.49	179.82	8,162.87	145.84	469.56	-97.39	12.00	12.00	0.00
8,225.00	26.49	179.82	8,185.53	135.28	469.59	-86.88	12.00	12.00	0.00
8,250.00	29.49	179.82	8,207.60	123.55	469.63	-75.21	12.00	12.00	0.00
8,275.00	32.49	179.82	8,229.03	110.68	469.67	-62.40	12.00	12.00	0.00
8,300.00	35.49	179.82	8,249.76	96.70	469.71	-48.49	12.00	12.00	0.00

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Site:	Paduca "16" State	North Reference:	Grid
Well:	202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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Planned 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)
8,325.00	38.49	179.82	8,269.72	81.66	469.76	-33.52	12.00	12.00	0.00
8,350.00	41.49	179.82	8,288.88	65.60	469.81	-17.54	12.00	12.00	0.00
8,375.00	44.49	179.82	8,307.16	48.55	469.86	-0.58	12.00	12.00	0.00
8,400.00	47.49	179.82	8,324.53	30.58	469.91	17.31	12.00	12.00	0.00
8,425.00	50.49	179.82	8,340.93	11.71	469.97	36.09	12.00	12.00	0.00
8,450.00	53.49	179.82	8,356.33	-7.98	470.03	55.68	12.00	12.00	0.00
8,475.00	56.49	179.82	8,370.67	-28.46	470.10	76.06	12.00	12.00	0.00
8,500.00	59.49	179.82	8,383.92	-49.65	470.16	97.15	12.00	12.00	0.00
8,525.00	62.49	179.82	8,396.04	-71.51	470.23	118.91	12.00	12.00	0.00
8,550.00	65.49	179.82	8,407.00	-93.98	470.30	141.26	12.00	12.00	0.00
8,575.00	68.49	179.82	8,416.77	-116.99	470.37	164.16	12.00	12.00	0.00
8,600.00	71.49	179.82	8,425.33	-140.47	470.44	187.53	12.00	12.00	0.00
8,625.00	74.49	179.82	8,432.64	-164.38	470.51	211.32	12.00	12.00	0.00
8,650.00	77.49	179.82	8,438.69	-188.63	470.59	235.46	12.00	12.00	0.00
8,675.00	80.49	179.82	8,443.47	-213.17	470.66	259.87	12.00	12.00	0.00
8,700.00	83.49	179.82	8,446.95	-237.92	470.74	284.51	12.00	12.00	0.00
8,725.00	86.49	179.82	8,449.13	-262.82	470.81	309.29	12.00	12.00	0.00
8,748.90	89.36	179.82	8,450.00	-286.71	470.89	333.05	12.00	12.00	0.00
Begin 89.36° Lateral									
8,800.00	89.36	179.82	8,450.57	-337.80	471.04	383.90	0.00	0.00	0.00
8,900.00	89.36	179.82	8,451.69	-437.79	471.35	483.41	0.00	0.00	0.00
9,000.00	89.36	179.82	8,452.82	-537.79	471.66	582.91	0.00	0.00	0.00
9,100.00	89.36	179.82	8,453.94	-637.78	471.97	682.42	0.00	0.00	0.00
9,200.00	89.36	179.82	8,455.06	-737.77	472.27	781.93	0.00	0.00	0.00
9,300.00	89.36	179.82	8,456.18	-837.77	472.58	881.44	0.00	0.00	0.00
9,400.00	89.36	179.82	8,457.30	-937.76	472.89	980.94	0.00	0.00	0.00
9,500.00	89.36	179.82	8,458.42	-1,037.75	473.19	1,080.45	0.00	0.00	0.00
9,600.00	89.36	179.82	8,459.54	-1,137.75	473.50	1,179.96	0.00	0.00	0.00
9,700.00	89.36	179.82	8,460.66	-1,237.74	473.81	1,279.46	0.00	0.00	0.00
9,800.00	89.36	179.82	8,461.79	-1,337.73	474.11	1,378.97	0.00	0.00	0.00
9,900.00	89.36	179.82	8,462.91	-1,437.73	474.42	1,478.48	0.00	0.00	0.00
10,000.00	89.36	179.82	8,464.03	-1,537.72	474.73	1,577.99	0.00	0.00	0.00
10,100.00	89.36	179.82	8,465.15	-1,637.71	475.04	1,677.49	0.00	0.00	0.00
10,200.00	89.36	179.82	8,466.27	-1,737.71	475.34	1,777.00	0.00	0.00	0.00
10,300.00	89.36	179.82	8,467.39	-1,837.70	475.65	1,876.51	0.00	0.00	0.00
10,400.00	89.36	179.82	8,468.51	-1,937.69	475.96	1,976.02	0.00	0.00	0.00
10,500.00	89.36	179.82	8,469.63	-2,037.69	476.26	2,075.52	0.00	0.00	0.00
10,600.00	89.36	179.82	8,470.75	-2,137.68	476.57	2,175.03	0.00	0.00	0.00
10,700.00	89.36	179.82	8,471.88	-2,237.67	476.88	2,274.54	0.00	0.00	0.00
10,800.00	89.36	179.82	8,473.00	-2,337.67	477.18	2,374.04	0.00	0.00	0.00
10,900.00	89.36	179.82	8,474.12	-2,437.66	477.49	2,473.55	0.00	0.00	0.00
11,000.00	89.36	179.82	8,475.24	-2,537.65	477.80	2,573.06	0.00	0.00	0.00
11,100.00	89.36	179.82	8,476.36	-2,637.64	478.10	2,672.57	0.00	0.00	0.00
11,200.00	89.36	179.82	8,477.48	-2,737.64	478.41	2,772.07	0.00	0.00	0.00
11,300.00	89.36	179.82	8,478.60	-2,837.63	478.72	2,871.58	0.00	0.00	0.00
11,400.00	89.36	179.82	8,479.72	-2,937.62	479.03	2,971.09	0.00	0.00	0.00
11,500.00	89.36	179.82	8,480.85	-3,037.62	479.33	3,070.60	0.00	0.00	0.00
11,600.00	89.36	179.82	8,481.97	-3,137.61	479.64	3,170.10	0.00	0.00	0.00
11,700.00	89.36	179.82	8,483.09	-3,237.60	479.95	3,269.61	0.00	0.00	0.00
11,800.00	89.36	179.82	8,484.21	-3,337.60	480.25	3,369.12	0.00	0.00	0.00
11,900.00	89.36	179.82	8,485.33	-3,437.59	480.56	3,468.62	0.00	0.00	0.00
12,000.00	89.36	179.82	8,486.45	-3,537.58	480.87	3,568.13	0.00	0.00	0.00
12,100.00	89.36	179.82	8,487.57	-3,637.58	481.17	3,667.64	0.00	0.00	0.00

Database:	Conroe Server	Local Co-ordinate Reference:	Well 202H
Company:	Pride Energy Company	TVD Reference:	WELL @ 3447.00usft
Project:	Lea County, New Mexico (NAD 83)	MD Reference:	WELL @ 3447.00usft
Site:	Paduca "16" State	North Reference:	Grid
Well:	202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned 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)
12,200.00	89.36	179.82	8,488.69	-3,737.57	481.48	3,767.15	0.00	0.00	0.00
12,300.00	89.36	179.82	8,489.82	-3,837.56	481.79	3,866.65	0.00	0.00	0.00
12,400.00	89.36	179.82	8,490.94	-3,937.56	482.10	3,966.16	0.00	0.00	0.00
12,500.00	89.36	179.82	8,492.06	-4,037.55	482.40	4,065.67	0.00	0.00	0.00
12,600.00	89.36	179.82	8,493.18	-4,137.54	482.71	4,165.17	0.00	0.00	0.00
12,700.00	89.36	179.82	8,494.30	-4,237.54	483.02	4,264.68	0.00	0.00	0.00
12,800.00	89.36	179.82	8,495.42	-4,337.53	483.32	4,364.19	0.00	0.00	0.00
12,900.00	89.36	179.82	8,496.54	-4,437.52	483.63	4,463.70	0.00	0.00	0.00
13,000.00	89.36	179.82	8,497.66	-4,537.52	483.94	4,563.20	0.00	0.00	0.00
13,100.00	89.36	179.82	8,498.78	-4,637.51	484.24	4,662.71	0.00	0.00	0.00
13,208.40	89.36	179.82	8,500.00	-4,745.90	484.58	4,770.58	0.00	0.00	0.00
PBHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
VP - Paduca "16" Stal - hit/miss target - Shape - Point	0.00	360.00	7,872.57	185.40	469.44	414,430.00	744,534.01	32° 6' 22.664 N	109° 8' 34.389 W
PBHL - Paduca "16" S - plan hits target center - Point	0.00	360.00	8,500.00	-4,745.90	484.58	409,498.69	744,549.15	32° 5' 33.928 N	109° 8' 32.676 W

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,000.00	2,000.00	0.00	0.00	KOP, 2.50°/100' Build
2,080.00	2,079.98	0.00	1.40	Hold 2.00° Inc, 90.00° Azm
4,300.00	4,298.63	0.00	78.87	Begin 1.50°/100' Drop
4,433.33	4,431.94	0.00	81.20	Begin Vertical Hold
4,540.00	4,538.60	0.00	81.20	Begin 2.50°/100' Build
4,879.86	4,877.22	10.84	103.90	Hold 8.50° Inc, 64.47° Azm
7,337.83	7,308.21	167.34	431.61	Begin 1.50°/100' Drop
7,904.26	7,872.57	185.40	469.44	Begin Vertical Hold
8,004.26	7,972.57	185.40	469.44	Begin 12.00°/100' Build
8,748.90	8,450.00	-286.71	470.89	Begin 89.36° Lateral
13,208.40	8,500.00	-4,745.90	484.58	PBHL