

06/05/2012

To Whom It May Concern:

As a representative of Wellpath Energy Services LLC, I certify that to the best of my knowledge all the survey data contained in the packet for the well listed below is accurate and true.

Lime Rock Resources

Well: Resler State #5 30-015-40308

Lease: Eddy County

Thank You,

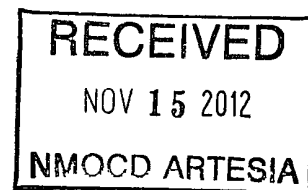
A handwritten signature in black ink, appearing to read 'Adam Jimenez'.

Adam Jimenez

Senior MWD Engineer

Wellpath Energy Services LLC

OK



LIME ROCK RESOURCES

EDDY COUNTY, NM (NAD 27)

SEC. 25 T17S RGE. 27E

RESLER STATE #5

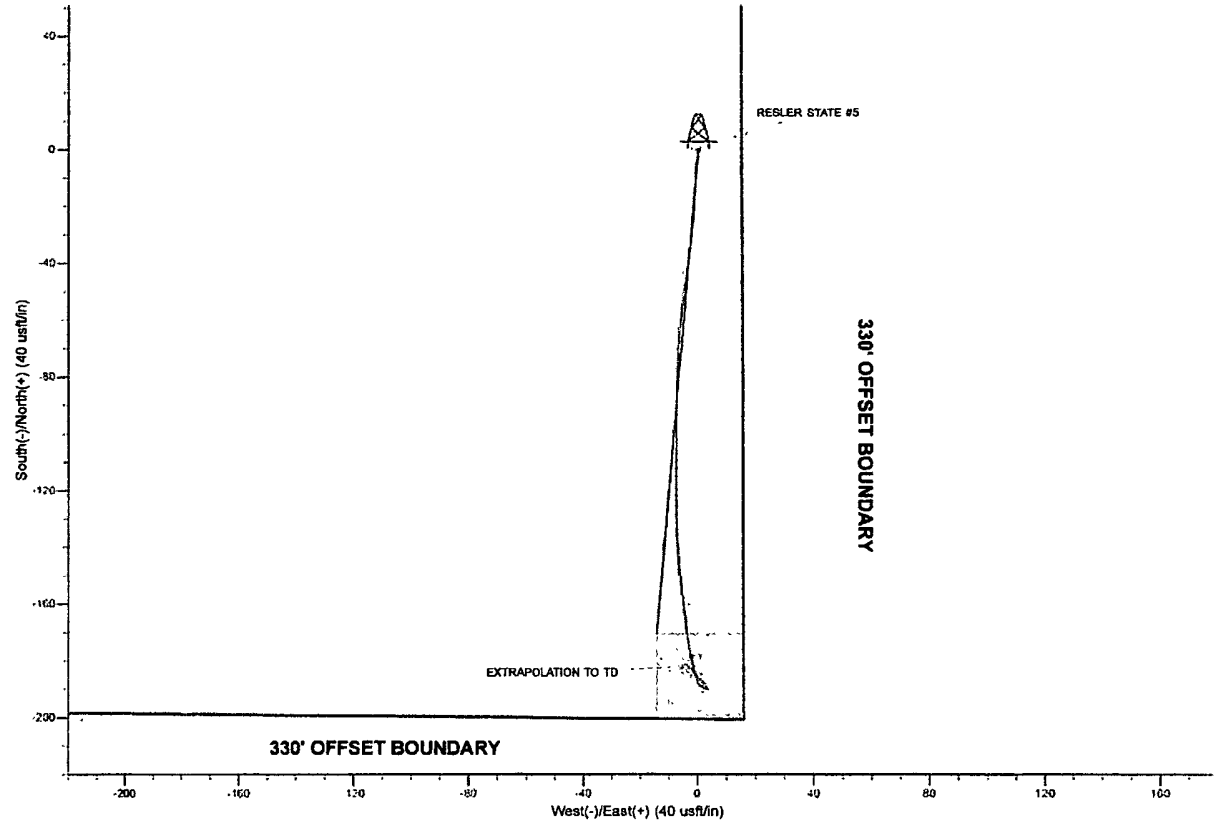
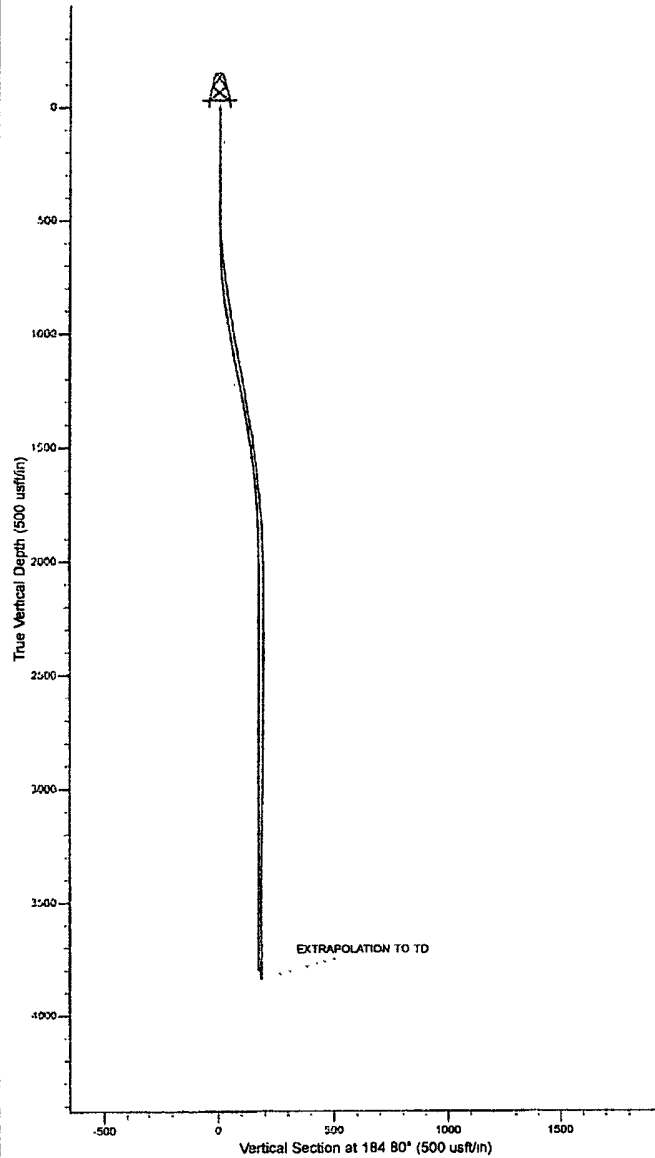
JOB # WPE201208D

05 June, 2012

Survey: FINAL SURVEYS



Project: EDDY COUNTY, NM (NAD 27)
 Site: SEC. 25 T17S RGE. 27E
 Well: RESLER STATE #5
 Wellbore: JOB # WPE201208D
 Design: FINAL SURVEYS



Azimuths to True North
 Magnetic North 7 84°
 Magnetic Field
 Strength: 48814 4snT
 Dip Angle: 60 59°
 Date: 11/03/2012
 Model: IGRF2010

ANNOTATIONS							
TVD	MD	Inc	Azi	+N/-S	+E/-W	V Sact	Annotation
3837 9	3851 0	0 30	220.00	-182 2	-6.0	182 1	EXTRAPOLATION TO TD

Survey Report



Company:	LIME ROCK RESOURCES	Local Co-ordinate Reference:	Well RESLER STATE #5
Project:	EDDY COUNTY, NM (NAD 27)	TVD Reference:	KB @ 3601.2usft (UDI #22)
Site:	SEC. 25 T17S RGE. 27E	MD Reference:	KB @ 3601.2usft (UDI #22)
Well:	RESLER STATE #5	North Reference:	True
Wellbore:	JOB # WPE201208D	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEYS	Database:	EDM_5000_1_7

Project	EDDY COUNTY, NM (NAD 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		Using geodetic scale factor

Site	SEC. 25 T17S RGE. 27E				
Site Position:		Northing:	654,439.64 usft	Latitude:	32° 47' 56.747 N
From:	Lat/Long	Easting:	533,551.69 usft	Longitude:	104° 13' 26.914 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0 06 °

Well	RESLER STATE #5					
Well Position	+N/-S	0.0 usft	Northing:	654,439.64 usft	Latitude:	32° 47' 56.747 N
	+E/-W	0.0 usft	Easting:	533,551.69 usft	Longitude:	104° 13' 26.914 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,590.2 usft

Wellbore	JOB # WPE201208D				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/03/2012	7.84	60.59	48,814

Design	FINAL SURVEYS				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	184.80	

Survey Program	Date 05/06/2012			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
494.0	3,851.0	FINAL SURVEYS (JOB # WPE201208D)	MWD	MWD - Standard

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	3,601.2	0.0	0.0	0.0	0.00	0.00	0.00
494.0	0.70	191.70	494.0	3,107.2	-3.0	-0.6	3.0	0.14	0.14	0.00
525.0	1.70	194.00	525.0	3,076.2	-3.6	-0.8	3.6	3.23	3.23	7.42
556.0	2.70	187.70	556.0	3,045.2	-4.8	-1.0	4.8	3.31	3.23	-20.32
588.0	3.70	180.30	587.9	3,013.3	-6.5	-1.1	6.6	3.37	3.12	-23.12
619.0	4.80	179.80	618.8	2,982.4	-8.8	-1.1	8.9	3.55	3.55	-1.61
651.0	5.50	182.40	650.7	2,950.5	-11.7	-1.1	11.8	2.31	2.19	8.12
682.0	5.90	182.00	681.5	2,919.7	-14.8	-1.3	14.8	1.30	1.29	-1.29
713.0	6.60	183.20	712.4	2,888.8	-18.2	-1.4	18.2	2.30	2.26	3.87
745.0	6.80	183.10	744.1	2,857.1	-21.9	-1.6	21.9	0.63	0.62	-0.31
776.0	7.50	184.00	774.9	2,826.3	-25.7	-1.9	25.8	2.29	2.26	2.90
808.0	7.70	186.60	806.6	2,794.6	-29.9	-2.2	30.0	1.24	0.62	8.12
839.0	7.70	188.30	837.3	2,763.9	-34.1	-2.8	34.2	0.73	0.00	5.48

Survey Report



Company: LIME ROCK RESOURCES
Project: EDDY COUNTY, NM (NAD 27)
Site: SEC 25 T17S RGE. 27E
Well: RESLER STATE #5
Wellbore: JOB # WPE201208D
Design: FINAL SURVEYS

Local Co-ordinate Reference: Well RESLER STATE #5
TVD Reference: KB @ 3601.2usft (UDI #22)
MD Reference: KB @ 3601.2usft (UDI #22)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM_5000_1_7

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
871.0	8.00	188.80	869.0	2,732.2	-38.4	-3.4	38.5	0.96	0.94	1.56
902.0	8.30	188.00	899.7	2,701.5	-42.7	-4.1	42.9	1.03	0.97	-2.58
933.0	8.80	187.80	930.4	2,670.8	-47.3	-4.7	47.5	1.62	1.61	-0.65
965.0	9.50	186.20	962.0	2,639.2	-52.3	-5.3	52.6	2.33	2.19	-5.00
996.0	9.80	184.70	992.5	2,608.7	-57.5	-5.8	57.8	1.26	0.97	-4.84
1,028.0	10.40	184.70	1,024.0	2,577.2	-63.1	-6.3	63.4	1.87	1.87	0.00
1,060.0	10.20	184.40	1,055.5	2,545.7	-68.8	-6.7	69.1	0.65	-0.62	-0.94
1,091.0	9.80	183.60	1,086.0	2,515.2	-74.2	-7.1	74.5	1.37	-1.29	-2.58
1,154.0	10.60	180.80	1,148.1	2,453.1	-85.3	-7.5	85.7	1.49	1.27	-4.44
1,217.0	10.20	179.70	1,210.0	2,391.2	-96.7	-7.6	97.0	0.71	-0.63	-1.75
1,279.0	9.80	180.50	1,271.1	2,330.1	-107.5	-7.6	107.7	0.68	-0.65	1.29
1,342.0	9.40	180.10	1,333.2	2,268.0	-118.0	-7.7	118.2	0.64	-0.63	-0.63
1,405.0	9.00	178.80	1,395.4	2,205.8	-128.0	-7.6	128.2	0.72	-0.63	-2.06
1,468.0	8.70	176.60	1,457.6	2,143.6	-137.7	-7.2	137.8	0.72	-0.48	-3.49
1,531.0	8.10	174.50	1,520.0	2,081.2	-146.9	-6.5	146.9	1.07	-0.95	-3.33
1,594.0	7.30	172.80	1,582.4	2,018.8	-155.3	-5.5	155.2	1.32	-1.27	-2.70
1,657.0	6.20	173.40	1,644.9	1,956.3	-162.6	-4.6	162.5	1.75	-1.75	0.95
1,720.0	5.40	174.00	1,707.6	1,893.6	-169.0	-3.9	168.7	1.27	-1.27	0.95
1,783.0	5.00	169.30	1,770.4	1,830.8	-174.6	-3.1	174.3	0.93	-0.63	-7.46
1,846.0	3.70	167.20	1,833.2	1,768.0	-179.3	-2.2	178.8	2.08	-2.06	-3.33
1,909.0	2.70	167.50	1,896.1	1,705.1	-182.7	-1.4	182.2	1.59	-1.59	0.48
1,972.0	2.10	163.60	1,959.0	1,642.2	-185.3	-0.7	184.7	0.99	-0.95	-6.19
2,066.0	0.70	141.10	2,053.0	1,548.2	-187.4	0.1	186.7	1.57	-1.49	-23.94
2,160.0	0.70	125.50	2,147.0	1,454.2	-188.2	0.9	187.4	0.20	0.00	-16.60
2,254.0	0.80	118.80	2,241.0	1,360.2	-188.8	2.0	188.0	0.14	0.11	-7.13
2,349.0	0.80	118.00	2,336.0	1,265.2	-189.4	3.1	188.5	0.01	0.00	-0.84
2,443.0	0.40	331.10	2,430.0	1,171.2	-189.5	3.6	188.5	1.23	-0.43	-156.28
2,538.0	0.40	328.20	2,523.0	1,078.2	-188.9	3.2	188.0	0.02	0.00	-3.12
2,631.0	0.60	323.40	2,618.0	983.2	-188.2	2.8	187.3	0.21	0.21	-5.05
2,724.0	0.70	323.50	2,711.0	890.2	-187.4	2.1	186.5	0.11	0.11	0.11
2,819.0	0.70	314.00	2,806.0	795.2	-186.5	1.4	185.7	0.12	0.00	-10.00
2,913.0	0.70	311.90	2,899.9	701.3	-185.7	0.5	185.0	0.03	0.00	-2.23
3,008.0	0.90	322.50	2,994.9	606.3	-184.7	-0.4	184.1	0.26	0.21	11.16
3,102.0	0.70	315.00	3,088.9	512.3	-183.8	-1.2	183.2	0.24	-0.21	-7.98
3,196.0	0.90	325.30	3,182.9	418.3	-182.7	-2.0	182.3	0.26	0.21	10.96
3,291.0	0.90	311.90	3,277.9	323.3	-181.6	-3.0	181.2	0.22	0.00	-14.11
3,385.0	0.80	304.70	3,371.9	229.3	-180.8	-4.1	180.5	0.16	-0.11	-7.66
3,480.0	0.30	234.30	3,466.9	134.3	-180.5	-4.9	180.3	0.79	-0.53	-74.11
3,574.0	0.30	202.00	3,560.9	40.3	-180.9	-5.1	180.7	0.18	0.00	-34.36
3,669.0	0.40	213.90	3,655.9	-54.7	-181.4	-5.4	181.2	0.13	0.11	12.53
3,763.0	0.30	217.30	3,749.9	-148.7	-181.9	-5.8	181.7	0.11	-0.11	3.62
3,810.0	0.30	220.00	3,796.9	-195.7	-182.1	-5.9	181.9	0.03	0.00	5.74
EXTRAPOLATION TO TD										
3,851.0	0.30	220.00	3,837.9	-236.7	-182.2	-6.0	182.1	0.00	0.00	0.00

Survey Report



Company: LIME ROCK RESOURCES
Project: EDDY COUNTY, NM (NAD 27)
Site: SEC. 25 T17S RGE. 27E
Well: RESLER STATE #5
Wellbore: JOB # WPE201208D
Design: FINAL SURVEYS

Local Co-ordinate Reference: Well RESLER STATE #5
TVD Reference: KB @ 3601.2usft (UDI #22)
MD Reference: KB @ 3601.2usft (UDI #22)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM_5000_1_7

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
BHL - RESLER STAT	0.00	0.00	3,797.5	-169.8	-14.3	654,269.83	533,537.61	32° 47' 55.067 N	104° 13' 27.081 W
- hit/miss target - Shape - survey misses target center by 14.8usft at 3810.0usft MD (3796.9 TVD, -182.1 N, -5.9 E) - Rectangle (sides W30.0 H30.0 D0.0)									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,851.0	3,837.9	-182.2	-6.0	EXTRAPOLATION TO TD

Checked By:

Approved By:

Date:

06/05/2012