

Pathfinder

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O&G
AUSTIN TX

PATHFINDER
A Schlumberger Company

April 23, 2012

**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION
1701 N. CONGRESS
AUSTIN, TX 78701
ATTENTION: DIANE CRUM**

VIA FEDERAL EXPRESS

**RE: Pioneer Natural Resources
University 3-32 #4H
RRC Lease/Gas ID No. Not Assigned
Sprayberry (Trend Area)
Upton County, TX
Abstract No.: N/A
Well Plat Survey Co.: University Lands
API No.: 42-461-37723
PES File No.: 12MLD0089**

Dear Ms. Crum:

Enclosed, please find the original and one copy of the survey performed on the referenced well by PathFinder Energy Services (P-5 No. 643292). Other information required by your office is as follows:

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Huey Sandifer Field Engineer	Original Hole	754-14599	03-14-12 to 04-17-12	Gamma-Ray

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 address and phone number listed above.


JUAN ALCOCER
M/LWD Service Coordinator

RM:ll
Enclosures

cc:Pioneer Natural Resources

PathFinder Energy Services, Inc.

Survey Report

PIONEER NATURAL RES
UNIVERSITY 3 32 #4H / API# 42-461-37723

UPTON COUNTY COUNTY, TX

Rig:PATTERSON 208

PathFinder Office Supervisor: JUAN ALCOCER

PathFinder Field Engineers: HUEY SANDIFER

NAJJA CANNADY

Survey Horiz. Reference:WELLHEAD

Ref Coordinates: LAT:31.12.10.7568 N LON:101.47.31.6716 W

GRID Reference:NAD27 texas central Lambert

Ref GRID Coord: X: 1543935.5001 Y: 561727.8195

North Aligned To:GRID NORTH

Total Magnetic Correction: 7.34° EAST TO GRID

Vertical Section Plane: 1.16

Survey Vert. Reference:2838.50' Kelly Bushing To Ground

Altitude:2812.00' Ground To MSL

Survey Calculations by RX5 V6.04 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIED INTO SCIENTIFIC DRILLING GYRO SURVEY @ 680'MD.										
680.00	0.73	98.49	679.98	0.00	3.17	3.11 N	2.94 E	4.28@	43.39	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
754.00	0.53	96.90	753.98	74.00	3.07	3.00 N	3.75 E	4.80@	51.32	0.27
948.00	0.79	93.38	947.96	194.00	2.93	2.81 N	5.97 E	6.60@	64.78	0.14
1132.00	0.88	104.99	1131.94	184.00	2.55	2.37 N	8.60 E	8.92@	74.58	0.10
1320.00	1.23	108.50	1319.91	188.00	1.60	1.36 N	11.91 E	11.99@	83.49	0.19
1512.00	1.76	110.35	1511.84	192.00	0.02	0.32 S	16.63 E	16.63@	91.10	0.28
1700.00	2.11	109.29	1699.74	188.00	-2.01	2.47 S	22.60 E	22.74@	96.23	0.19
1890.00	2.64	106.57	1889.57	190.00	-4.26	4.87 S	30.10 E	30.49@	99.19	0.28
2084.00	2.90	107.36	2083.35	194.00	-6.82	7.61 S	39.06 E	39.80@	101.02	0.14
2279.00	3.25	109.12	2278.07	195.00	-9.90	10.89 S	49.00 E	50.19@	102.53	0.19
2475.00	3.52	109.21	2473.72	196.00	-13.48	14.69 S	59.93 E	61.70@	103.77	0.14
2667.00	3.96	110.88	2665.31	192.00	-17.54	18.99 S	71.69 E	74.16@	104.84	0.24
2858.00	3.96	111.49	2855.86	191.00	-22.06	23.76 S	83.99 E	87.28@	105.80	0.02
2926.00	4.13	112.28	2923.69	68.00	-23.75	25.55 S	88.44 E	92.05@	106.11	0.26
3020.00	3.08	101.47	3017.50	94.00	-25.43	27.33 S	94.04 E	97.94@	106.21	1.33
3115.00	1.14	88.46	3112.43	95.00	-25.84	27.82 S	97.49 E	101.38@	105.92	2.09
3210.00	1.58	293.07	3207.42	95.00	-25.30	27.28 S	97.23 E	100.98@	105.67	2.80
3304.00	2.46	291.84	3301.36	94.00	-24.11	26.02 S	94.17 E	97.69@	105.45	0.94
3399.00	2.81	297.99	3396.26	95.00	-22.34	24.17 S	90.22 E	93.40@	105.00	0.47
3494.00	2.46	305.11	3491.16	95.00	-20.15	21.90 S	86.49 E	89.22@	104.21	0.50
3588.00	2.46	311.09	3585.08	94.00	-17.73	19.42 S	83.32 E	85.55@	103.12	0.27
3681.00	2.02	312.14	3678.01	93.00	-15.37	17.01 S	80.60 E	82.38@	101.91	0.48

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UNIVERSITY 3 32 #4H / API# 42-461-37723
UPTON COUNTY COUNTY, TX
RIG:PATTERSON 208

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
3775.00	1.67	316.98	3771.96	94.00	-13.30	14.89 S	78.44 E	79.84@	100.75	0.41
3870.00	1.49	318.21	3866.92	95.00	-11.40	12.96 S	76.67 E	77.76@	99.59	0.19
3964.00	1.85	308.98	3960.88	94.00	-9.58	11.09 S	74.68 E	75.50@	98.45	0.48
4061.00	1.85	306.26	4057.83	97.00	-7.72	9.18 S	72.20 E	72.78@	97.25	0.09
4155.00	1.85	296.24	4151.78	94.00	-6.20	7.61 S	69.61 E	70.03@	96.24	0.34
4250.00	1.41	296.76	4246.74	95.00	-5.05	6.41 S	67.19 E	67.50@	95.45	0.46
4345.00	1.58	291.14	4341.71	95.00	-4.10	5.41 S	64.93 E	65.15@	94.76	0.24
4440.00	1.85	278.83	4436.67	95.00	-3.44	4.70 S	62.19 E	62.37@	94.33	0.48
4534.00	1.93	277.43	4530.62	94.00	-3.07	4.27 S	59.12 E	59.28@	94.13	0.10
4628.00	2.20	281.91	4624.56	94.00	-2.56	3.69 S	55.79 E	55.91@	93.78	0.34
4722.00	2.37	278.57	4718.48	94.00	-1.97	3.03 S	52.10 E	52.19@	93.33	0.23
4817.00	1.49	259.67	4813.43	95.00	-1.96	2.96 S	48.94 E	49.03@	93.46	1.13
4911.00	1.23	229.79	4907.40	94.00	-2.87	3.83 S	46.97 E	47.13@	94.66	0.79
5006.00	1.23	204.39	5002.38	95.00	-4.49	5.41 S	45.77 E	46.09@	96.75	0.57
5100.00	1.32	208.96	5096.36	94.00	-6.37	7.28 S	44.83 E	45.42@	99.22	0.14
5195.00	1.41	258.79	5191.33	95.00	-7.59	8.46 S	43.15 E	43.98@	101.10	1.21
5289.00	1.67	279.01	5285.30	94.00	-7.65	8.47 S	40.67 E	41.54@	101.77	0.64
5383.00	1.58	287.18	5379.26	94.00	-7.10	7.88 S	38.08 E	38.88@	101.69	0.26
5478.00	1.49	287.71	5474.23	95.00	-6.39	7.11 S	35.65 E	36.35@	101.29	0.10
5573.00	1.14	288.24	5569.20	95.00	-5.76	6.44 S	33.57 E	34.19@	100.86	0.37
5667.00	0.88	303.44	5663.19	94.00	-5.10	5.75 S	32.08 E	32.60@	100.17	0.39
5762.00	0.97	309.24	5758.18	95.00	-4.22	4.84 S	30.85 E	31.23@	98.92	0.14
5857.00	0.79	310.39	5853.17	95.00	-3.31	3.91 S	29.73 E	29.99@	97.49	0.19
5952.00	1.23	64.29	5948.16	95.00	-2.43	3.04 S	30.15 E	30.30@	95.76	1.80
6048.00	2.81	81.43	6044.10	96.00	-1.57	2.24 S	33.41 E	33.48@	93.84	1.74
6143.00	3.61	75.37	6138.95	95.00	-0.36	1.14 S	38.60 E	38.62@	91.69	0.91
6237.00	2.99	68.69	6232.79	94.00	1.38	0.50 N	43.75 E	43.75@	89.35	0.78

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Survey Report

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RIG:PATTERSON 208

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
6331.00	2.20	65.61	6326.69	94.00	3.10	2.13 N	47.68 E	47.72@	87.44	0.85
6426.00	2.11	70.80	6421.63	95.00	4.49	3.46 N	50.99 E	51.11@	86.12	0.23
6520.00	2.37	69.65	6515.55	94.00	5.81	4.71 N	54.45 E	54.65@	85.06	0.28
6614.00	2.02	88.81	6609.49	94.00	6.59	5.42 N	57.92 E	58.18@	84.66	0.86
6709.00	1.14	89.52	6704.45	95.00	6.68	5.46 N	60.54 E	60.79@	84.85	0.93
6805.00	0.79	83.89	6800.44	96.00	6.79	5.54 N	62.16 E	62.40@	84.91	0.38
6899.00	0.79	65.35	6894.43	94.00	7.16	5.88 N	63.39 E	63.66@	84.70	0.27
6993.00	1.41	34.06	6988.41	94.00	8.41	7.10 N	64.63 E	65.02@	83.73	0.90
7087.00	1.41	25.71	7082.38	94.00	10.43	9.10 N	65.78 E	66.40@	82.12	0.22
7182.00	0.88	13.67	7177.36	95.00	12.21	10.87 N	66.46 E	67.34@	80.71	0.61
7276.00	1.06	33.97	7271.35	94.00	13.65	12.29 N	67.11 E	68.23@	79.62	0.41
7370.00	0.79	35.90	7365.34	94.00	14.91	13.54 N	67.98 E	69.31@	78.74	0.29
7463.00	2.90	20.47	7458.28	93.00	17.66	16.26 N	69.18 E	71.06@	76.77	2.31
7494.00	5.28	14.27	7489.20	31.00	19.79	18.38 N	69.80 E	72.18@	75.25	7.80
7526.00	7.74	8.88	7520.99	32.00	23.36	21.93 N	70.50 E	73.83@	72.72	7.91
7558.00	9.85	6.72	7552.62	32.00	28.22	26.78 N	71.15 E	76.02@	69.37	6.67
7589.00	10.73	3.91	7583.12	31.00	33.74	32.29 N	71.66 E	78.60@	65.74	3.27
7621.00	10.99	3.99	7614.54	32.00	39.76	38.31 N	72.07 E	81.62@	62.01	0.81
7652.00	10.90	4.39	7644.98	31.00	45.64	44.18 N	72.50 E	84.90@	58.65	0.38
7684.00	10.99	6.60	7676.40	32.00	51.69	50.22 N	73.09 E	88.68@	55.50	1.34
7716.00	11.34	8.76	7707.79	32.00	57.85	56.36 N	73.92 E	92.95@	52.67	1.70
7747.00	11.43	10.12	7738.18	31.00	63.90	62.40 N	74.92 E	97.50@	50.21	0.91
7780.00	11.43	12.65	7770.53	33.00	70.34	68.81 N	76.21 E	102.68@	47.92	1.52
7812.00	11.26	14.97	7801.90	32.00	76.48	74.92 N	77.71 E	107.95@	46.05	1.52
7843.00	11.08	19.96	7832.32	31.00	82.24	80.65 N	79.51 E	113.25@	44.59	3.17
7875.00	10.64	22.99	7863.74	32.00	87.89	86.26 N	81.71 E	118.82@	43.45	2.25
7904.00	10.29	27.88	7892.26	29.00	92.69	91.01 N	83.97 E	123.83@	42.70	3.29

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Survey Report

PIONEER NATURAL RES
UNIVERSITY 3 32 #4H / API# 42-461-37723
UPTON COUNTY COUNTY, TX
RIG:PATTERSON 208

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
7954.00	11.26	28.70	7941.38	50.00	101.01	99.24 N	88.40 E	132.90@	41.69	1.96
7985.00	17.06	26.41	7971.42	31.00	107.81	105.97 N	91.88 E	140.26@	40.93	18.79
8017.00	24.36	27.03	8001.34	32.00	118.01	116.07 N	96.98 E	151.25@	39.88	22.82
8048.00	30.60	23.86	8028.83	31.00	131.05	128.99 N	103.08 E	165.12@	38.63	20.67
8079.00	36.23	20.00	8054.70	31.00	147.02	144.83 N	109.41 E	181.51@	37.07	19.40
8111.00	39.48	17.01	8079.96	32.00	165.76	163.45 N	115.62 E	200.21@	35.27	11.66
8142.00	41.59	14.99	8103.52	31.00	185.23	182.82 N	121.17 E	219.33@	33.54	8.02
8173.00	43.97	13.40	8126.27	31.00	205.74	203.23 N	126.32 E	239.29@	31.86	8.43
8206.00	43.09	12.88	8150.20	33.00	227.98	225.36 N	131.49 E	260.92@	30.26	2.88
8238.00	44.85	11.30	8173.23	32.00	249.79	247.08 N	136.14 E	282.11@	28.85	6.48
8268.00	46.69	9.19	8194.15	30.00	271.01	268.24 N	139.96 E	302.55@	27.55	7.94
8300.00	48.01	3.74	8215.84	32.00	294.43	291.61 N	142.59 E	324.60@	26.06	13.19
8332.00	50.03	356.97	8236.84	32.00	318.56	315.74 N	142.72 E	346.49@	24.32	17.17
8363.00	53.73	349.85	8255.99	31.00	342.69	339.93 N	139.89 E	367.59@	22.37	21.64
8395.00	58.83	344.66	8273.76	32.00	368.49	365.86 N	133.98 E	389.62@	20.11	20.87
8427.00	63.05	340.53	8289.30	32.00	394.99	392.53 N	125.60 E	412.13@	17.74	17.35
8459.00	67.71	335.52	8302.64	32.00	421.71	419.48 N	114.70 E	434.88@	15.29	20.36
8491.00	68.94	333.06	8314.46	32.00	448.24	446.27 N	101.80 E	457.73@	12.85	8.11
8524.00	69.64	332.18	8326.13	33.00	475.35	473.67 N	87.60 E	481.71@	10.48	3.27
8556.00	72.19	333.24	8336.59	32.00	501.94	500.55 N	73.74 E	505.95@	8.38	8.56
8588.00	77.47	335.79	8344.96	32.00	529.53	528.42 N	60.47 E	531.87@	6.53	18.20
8620.00	78.52	336.67	8351.62	32.00	557.92	557.06 N	47.85 E	559.12@	4.91	4.24
8652.00	78.79	336.75	8357.91	32.00	586.48	585.88 N	35.45 E	586.95@	3.46	0.88
8684.00	79.32	336.40	8363.99	32.00	615.05	614.71 N	22.96 E	615.14@	2.14	1.97
8716.00	83.36	337.02	8368.81	32.00	643.84	643.76 N	10.45 E	643.85@	0.93	12.77
8747.00	85.56	337.55	8371.80	31.00	672.05	672.22 N	1.46 W	672.22@	359.88	7.30
8842.00	93.74	339.48	8372.38	95.00	759.65	760.54 N	36.22 W	761.40@	357.27	8.85

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8937.00	99.10	344.31	8361.75	95.00	848.70	850.20 N	65.56 W	852.73@	355.59	7.57
9033.00	99.19	351.70	8346.48	96.00	940.93	942.85 N	85.24 W	946.69@	354.83	7.60
9127.00	97.34	359.52	8332.94	94.00	1033.44	1035.52 N	92.34 W	1039.63@	354.90	8.46
9222.00	94.09	7.16	8323.47	95.00	1127.81	1129.80 N	86.82 W	1133.13@	355.61	8.70
9318.00	92.68	8.75	8317.80	96.00	1222.97	1224.71 N	73.56 W	1226.91@	356.56	2.21
9414.00	91.45	10.94	8314.34	96.00	1317.80	1319.22 N	57.16 W	1320.46@	357.52	2.61
9509.00	91.80	12.17	8311.65	95.00	1411.20	1412.26 N	38.14 W	1412.77@	358.45	1.35
9605.00	90.84	11.91	8309.44	96.00	1505.45	1506.12 N	18.12 W	1506.23@	359.31	1.04
9701.00	89.08	12.88	8309.50	96.00	1599.60	1599.88 N	2.49 E	1599.88@	0.09	2.09
9797.00	87.58	11.56	8312.30	96.00	1693.77	1693.66 N	22.80 E	1693.81@	0.77	2.08
9892.00	86.35	7.87	8317.33	95.00	1787.57	1787.15 N	38.81 E	1787.57@	1.24	4.09
9986.00	88.02	2.59	8321.95	94.00	1881.18	1880.61 N	47.36 E	1881.20@	1.44	5.89
10081.00	88.02	358.82	8325.24	95.00	1976.10	1975.52 N	48.53 E	1976.12@	1.41	3.97
10176.00	87.05	358.82	8329.32	95.00	2070.93	2070.42 N	46.57 E	2070.94@	1.29	1.02
10272.00	86.26	358.55	8334.92	96.00	2166.68	2166.23 N	44.37 E	2166.68@	1.17	0.87
10366.00	88.64	356.44	8339.10	94.00	2260.38	2260.03 N	40.27 E	2260.39@	1.02	3.38
10461.00	88.99	357.32	8341.07	95.00	2355.10	2354.87 N	35.10 E	2355.13@	0.85	1.00
10557.00	88.81	357.06	8342.91	96.00	2450.85	2450.74 N	30.39 E	2450.92@	0.71	0.33
10651.00	90.13	357.41	8343.78	94.00	2544.62	2544.62 N	25.86 E	2544.75@	0.58	1.45
10747.00	90.75	357.76	8343.04	96.00	2640.43	2640.53 N	21.81 E	2640.62@	0.47	0.74
10843.00	91.28	358.20	8341.34	96.00	2736.27	2736.46 N	18.43 E	2736.52@	0.39	0.72
10937.00	91.89	358.20	8338.74	94.00	2830.11	2830.37 N	15.48 E	2830.42@	0.31	0.65
11031.00	91.63	358.38	8335.86	94.00	2923.94	2924.29 N	12.67 E	2924.31@	0.25	0.34
11126.00	92.51	358.46	8332.43	95.00	3018.77	3019.19 N	10.06 E	3019.20@	0.19	0.93
11220.00	93.39	358.29	8327.59	94.00	3112.54	3113.02 N	7.39 E	3113.03@	0.14	0.95
11314.00	93.03	359.78	8322.32	94.00	3206.32	3206.86 N	5.81 E	3206.87@	0.10	1.63
11409.00	93.47	1.54	8316.94	95.00	3301.16	3301.70 N	6.91 E	3301.71@	0.12	1.91

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
11504.00	92.15	1.80	8312.28	95.00	3396.04	3396.54 N	9.67 E	3396.55@	0.16	1.42
11599.00	91.01	2.86	8309.66	95.00	3490.98	3491.42 N	13.53 E	3491.45@	0.22	1.64
11693.00	91.54	3.21	8307.57	94.00	3584.91	3585.27 N	18.51 E	3585.32@	0.30	0.68
11788.00	92.15	3.65	8304.51	95.00	3679.78	3680.05 N	24.19 E	3680.13@	0.38	0.79
11883.00	92.24	3.38	8300.87	95.00	3774.63	3774.80 N	30.01 E	3774.92@	0.46	0.30
11979.00	92.77	3.56	8296.68	96.00	3870.46	3870.53 N	35.81 E	3870.70@	0.53	0.58
12075.00	91.54	6.11	8293.07	96.00	3966.19	3966.11 N	43.90 E	3966.36@	0.63	2.95
12169.00	88.99	8.13	8292.63	94.00	4059.67	4059.37 N	55.55 E	4059.75@	0.78	3.46
12263.00	86.09	8.57	8296.67	94.00	4152.83	4152.28 N	69.18 E	4152.86@	0.95	3.12
12358.00	85.65	7.78	8303.51	95.00	4246.87	4246.07 N	82.66 E	4246.88@	1.12	0.95
12453.00	86.44	6.64	8310.06	95.00	4341.12	4340.09 N	94.55 E	4341.12@	1.25	1.46
12548.00	85.74	6.81	8316.54	95.00	4435.45	4434.22 N	105.65 E	4435.48@	1.36	0.76
12644.00	84.42	6.11	8324.77	96.00	4530.68	4529.26 N	116.41 E	4530.75@	1.47	1.55
12738.00	85.74	3.56	8332.83	94.00	4624.14	4622.57 N	124.30 E	4624.24@	1.54	3.05
12832.00	85.74	1.28	8339.82	94.00	4717.85	4716.22 N	128.26 E	4717.96@	1.56	2.42
12927.00	86.53	356.09	8346.23	95.00	4812.51	4810.94 N	126.09 E	4812.59@	1.50	5.51
13021.00	88.37	353.54	8350.41	94.00	4905.83	4904.45 N	117.60 E	4905.86@	1.37	3.34
13116.00	89.87	352.57	8351.87	95.00	4999.87	4998.74 N	106.11 E	4999.87@	1.22	1.88
13211.00	90.66	352.14	8351.43	95.00	5093.74	5092.90 N	93.47 E	5093.75@	1.05	0.95
13306.00	91.63	353.10	8349.53	95.00	5187.67	5187.09 N	81.27 E	5187.72@	0.90	1.44
13400.00	91.10	352.93	8347.29	94.00	5280.69	5280.36 N	69.85 E	5280.82@	0.76	0.59
13494.00	91.80	354.16	8344.91	94.00	5373.83	5373.73 N	59.28 E	5374.06@	0.63	1.51
13589.00	91.71	354.68	8342.00	95.00	5468.13	5468.24 N	50.05 E	5468.47@	0.52	0.56
13684.00	93.65	354.86	8337.56	95.00	5562.43	5562.74 N	41.40 E	5562.89@	0.43	2.05
13780.00	93.74	357.50	8331.37	96.00	5657.86	5658.32 N	35.02 E	5658.42@	0.35	2.75
13874.00	92.59	358.90	8326.18	94.00	5751.59	5752.12 N	32.07 E	5752.21@	0.32	1.93
13969.00	90.13	0.92	8323.93	95.00	5846.53	5847.08 N	31.92 E	5847.17@	0.31	3.35

PathFinder Energy Services, Inc.

Survey Report

PIONEER NATURAL RES
UNIVERSITY 3 32 #4H / API# 42-461-37723
UPTON COUNTY COUNTY, TX
RIG:PATTERSON 208

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(deg)	(dg/100ft)
14063.00	89.87	0.66	8323.93	94.00	5940.53	5941.07 N	33.22 E	5941.17@	0.32	0.39
14158.00	89.96	1.63	8324.07	95.00	6035.53	6036.05 N	35.12 E	6036.16@	0.33	1.03
14252.00	89.34	1.28	8324.64	94.00	6129.52	6130.02 N	37.50 E	6130.14@	0.35	0.76
14348.00	89.43	3.03	8325.67	96.00	6225.50	6225.94 N	41.11 E	6226.08@	0.38	1.82
14442.00	88.99	3.03	8326.97	94.00	6319.44	6319.80 N	46.08 E	6319.97@	0.42	0.47
14536.00	89.16	2.94	8328.49	94.00	6413.38	6413.66 N	50.98 E	6413.87@	0.46	0.20
14599.00	88.99	3.47	8329.50	63.00	6476.33	6476.56 N	54.50 E	6476.79@	0.48	0.88
STRAIGHT LINE PROJECTION TO BIT @ 14646'MD										
14646.00	88.99	3.47	8330.33	47.00	6523.29	6523.46 N	57.34 E	6523.71@	0.50	0.00

