



30015-1180Z

November 6, 2014

NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 29 2015

RECEIVED

Devon Energy
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

Attn: David Cook

Re: Arcturus 18 Federal No. 005H

Please find enclosed a copy of the survey from 0.00' to 3889' ran on the above referenced well.

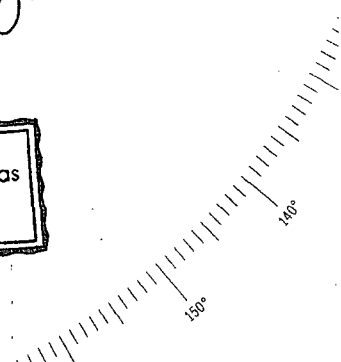
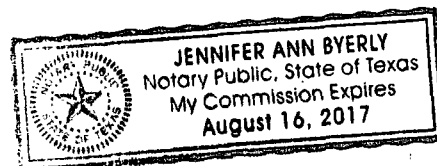
If I can be of any further service please do not hesitate to call me at 800-606-4976.

Sincerely,
Deb Salge
Deb Salge
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 6 day of November A.D., 2014, by Keith Havelka.

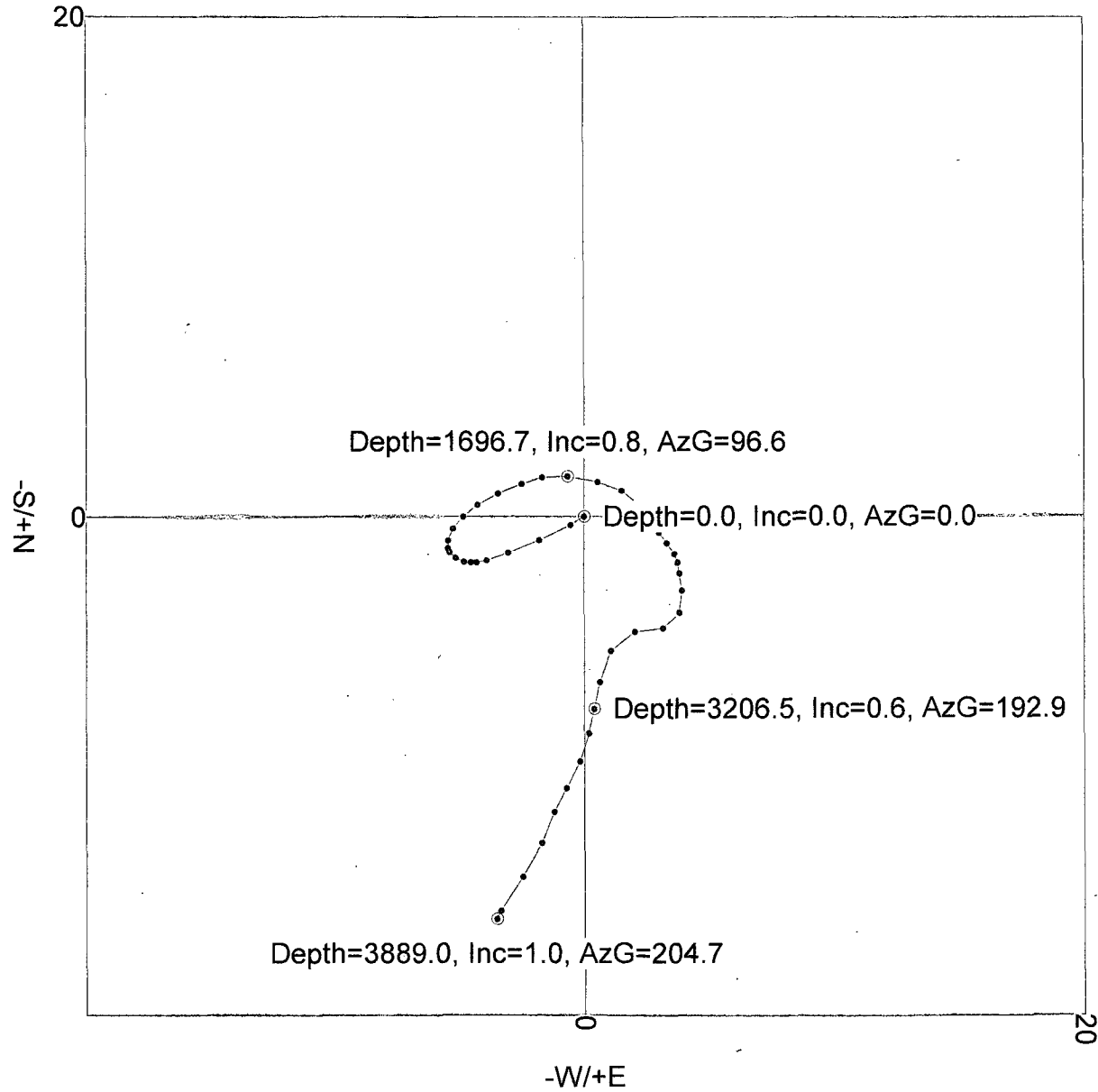
Jennifer Ann Byerly
Jennifer Ann Byerly
Notary Public, State of Texas



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1791.08	0.74	103.58	1791.01	1.39	0.55	1.39	1.49	21.48	0.10
1885.44	0.53	118.81	1885.37	1.03	1.52	1.03	1.84	55.77	0.28
1979.80	0.50	138.94	1979.73	0.51	2.18	0.51	2.24	76.73	0.19
2074.16	0.50	143.86	2074.08	-0.13	2.69	-0.13	2.69	92.71	0.05
2168.52	0.26	156.19	2168.44	-0.65	3.02	-0.65	3.09	102.24	0.26
2262.88	0.38	135.26	2262.80	-1.07	3.32	-1.07	3.49	107.91	0.18
2357.24	0.29	158.49	2357.16	-1.52	3.63	-1.52	3.94	112.69	0.17
2451.60	0.16	164.01	2451.52	-1.87	3.76	-1.87	4.19	116.42	0.14
2545.96	0.39	172.50	2545.87	-2.31	3.83	-2.31	4.48	121.09	0.25
2640.32	0.43	170.65	2640.23	-2.98	3.93	-2.98	4.94	127.16	0.04
2734.68	0.67	196.95	2734.59	-3.86	3.83	-3.86	5.44	135.25	0.37
2829.04	0.62	260.90	2828.94	-4.47	3.16	-4.47	5.48	144.75	0.73
2923.40	0.76	264.57	2923.30	-4.61	2.03	-4.61	5.04	156.21	0.15
3017.76	0.95	205.35	3017.65	-5.38	1.08	-5.38	5.49	168.64	0.91
3112.12	0.69	191.67	3112.00	-6.64	0.63	-6.64	6.67	174.57	0.34
3206.48	0.63	192.89	3206.35	-7.70	0.40	-7.70	7.71	177.03	0.07
3300.84	0.59	191.68	3300.71	-8.69	0.19	-8.69	8.69	178.77	0.04
3395.20	0.83	202.73	3395.06	-9.80	-0.18	-9.80	9.80	181.04	0.29
3489.56	0.63	211.44	3489.41	-10.88	-0.71	-10.88	10.90	183.76	0.24
3583.92	0.68	203.91	3583.76	-11.83	-1.21	-11.83	11.89	185.85	0.10
3678.28	0.96	199.45	3678.11	-13.08	-1.70	-13.08	13.19	187.41	0.30
3772.64	0.98	219.07	3772.46	-14.45	-2.47	-14.45	14.66	189.71	0.35
3867.00	0.99	206.49	3866.81	-15.82	-3.35	-15.82	16.17	191.95	0.23
3889.00	0.95	204.73	3888.80	-16.15	-3.51	-16.15	16.53	192.26	0.23



VES Surey International
West Texas
(432) 563-5444
Surveyor: Chris Bankson
Arcturus 18 Federal No. 005H / API 30-015-41802





Directional Survey

District DELAWARE BASIN	County EDDY	Field Name HACKBERRY NORTH	Project Group DELAWARE BASIN REG	State/Province NM
Surface Legal Location Sec. 18 19S 31E	API/UWI 3001541802	Latitude (°) 32° 39' 55.2" N	Longitude (°) 103° 54' 3.164" W	Ground Elev... 3,437.00
			KB - GL (ft) 26.00	Orig KB Elev (ft) 3,463.00
				Tubing Head Elevation (ft)

Wellbores				
Wellbore Name OH	Parent Wellbore	SAP Well ID	Kick Off Depth (ftKB)	Vertical Section Direction (°) 269.88
Actual Deviation Survey GYRO/MWD, Proposed? No		Definitive? Yes	Proposed? No	Proposed Deviation Survey

Deviation Survey					
Date 10/30/2014	Description GYRO/MWD				
MD Tie In (ftKB) 0.00	TVD Tie In (ftKB) 0.00	Inclination Tie In (°) 0.00	Azimuth Tie In (°) 0.00	NS Tie In (ft) 0.00	EW Tie In (ft) 0.00

Survey Data										
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	E/W (ft)	DLS (%/100ft)	Survey Tool	Survey Company
10/30/2...	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	92.60	0.79	237.38	92.60	0.54	-0.34	-0.54	0.85	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	186.96	0.92	249.27	186.95	1.80	-0.96	-1.79	0.23	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	281.32	0.71	246.17	281.30	3.04	-1.47	-3.04	0.23	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	375.68	0.40	256.60	375.65	3.90	-1.78	-3.89	0.34	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	470.04	0.11	266.65	470.01	4.31	-1.86	-4.30	0.31	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	564.40	0.16	272.59	564.37	4.53	-1.86	-4.53	0.05	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	658.76	0.17	275.33	658.73	4.80	-1.84	-4.80	0.01	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	753.12	0.31	308.18	753.09	5.14	-1.67	-5.14	0.20	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	847.48	0.10	324.49	847.45	5.39	-1.45	-5.38	0.23	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	941.84	0.12	349.14	941.81	5.45	-1.28	-5.45	0.05	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,036.20	0.26	7.62	1,036.17	5.44	-0.97	-5.44	0.16	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,130.56	0.38	31.74	1,130.53	5.25	-0.49	-5.25	0.19	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,224.92	0.41	47.64	1,224.88	4.83	0.00	-4.83	0.12	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,319.28	0.49	52.24	1,319.24	4.27	0.47	-4.27	0.09	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,413.64	0.67	67.42	1,413.60	3.44	0.93	-3.44	0.25	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,508.00	0.55	68.25	1,507.95	2.50	1.31	-2.51	0.13	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,602.36	0.49	75.21	1,602.31	1.69	1.58	-1.70	0.09	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,696.72	0.76	96.58	1,696.66	0.68	1.61	-0.69	0.37	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,791.08	0.74	103.58	1,791.01	-0.53	1.40	0.53	0.10	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,885.44	0.53	118.81	1,885.37	-1.51	1.05	1.50	0.28	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	1,979.80	0.50	138.94	1,979.72	-2.16	0.53	2.16	0.19	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,074.16	0.50	143.86	2,074.08	-2.67	-0.12	2.67	0.05	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,168.52	0.26	156.19	2,168.44	-3.00	-0.65	3.00	0.27	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,262.88	0.38	135.26	2,262.80	-3.30	-1.06	3.31	0.18	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,357.24	0.29	158.49	2,357.16	-3.61	-1.51	3.61	0.17	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,451.60	0.16	164.01	2,451.52	-3.73	-1.86	3.74	0.14	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,545.96	0.39	172.50	2,545.87	-3.81	-2.30	3.82	0.25	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,640.32	0.43	170.65	2,640.23	-3.91	-2.97	3.91	0.04	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,734.68	0.67	196.95	2,734.59	-3.80	-3.85	3.81	0.36	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,829.04	0.62	260.90	2,828.94	-3.14	-4.46	3.15	0.73	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	2,923.40	0.76	264.57	2,923.30	-2.01	-4.60	2.02	0.16	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,017.76	0.95	205.35	3,017.65	-1.05	-5.36	1.06	0.91	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,112.12	0.69	191.67	3,112.00	-0.60	-6.63	0.61	0.34	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,206.48	0.63	192.89	3,206.35	-0.37	-7.69	0.38	0.07	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,300.84	0.59	191.68	3,300.71	-0.15	-8.67	0.17	0.04	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,395.20	0.83	202.73	3,395.06	0.22	-9.77	-0.20	0.29	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,489.56	0.63	211.44	3,489.41	0.75	-10.85	-0.73	0.24	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,583.92	0.68	203.91	3,583.76	1.25	-11.80	-1.23	0.11	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,678.28	0.96	-199.45	3,678.11	1.75	-13.06	-1.72	0.30	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,772.64	0.98	219.07	3,772.46	2.52	-14.43	-2.49	0.35	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,867.00	0.99	206.49	3,866.81	3.39	-15.79	-3.36	0.23	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	3,889.00	0.95	204.73	3,888.80	3.56	-16.12	-3.52	0.23	GYRO	VAUHGN ENERGY SERVICES
10/30/2...	4,005.00	0.99	202.61	4,004.79	4.35	-17.92	-4.31	0.05	MWD	WEATHERFORD
10/30/2...	4,099.00	0.56	355.15	4,098.78	4.70	-18.21	-4.66	1.61	MWD	WEATHERFORD
10/30/2...	4,194.00	2.43	5.67	4,193.75	4.53	-15.75	-4.50	1.98	MWD	WEATHERFORD
10/30/2...	4,289.00	4.25	359.14	4,288.58	4.38	-10.22	-4.36	1.95	MWD	WEATHERFORD



Directional Survey

District DELAWARE BASIN	County EDDY	Field Name HACKBERRY NORTH	Project Group DELAWARE BASIN REG	State/Province NM
Surface Legal Location Sec. 18 19S 31E	API/UWI 3001541802	Latitude (") 32° 39' 55.2" N	Longitude (") 103° 54' 3.164" W	Ground Elev... 3,437.00
			KB - GL (ft) 26.00	Orig KB Elev (ft) 3,463.00
				Tubing Head Elevation (ft)

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS ("100ft)	Survey Tool	Survey Company
10/30/2...	4,383.00	5.78	358.32	4,382.22	4.55	-2.01	-4.55	1.63	MWD	WEATHERFORD
10/30/2...	4,477.00	7.08	358.58	4,475.63	4.81	8.51	-4.83	1.38	MWD	WEATHERFORD
10/30/2...	4,571.00	7.05	3.88	4,568.91	4.54	20.06	-4.58	0.69	MWD	WEATHERFORD
10/30/2...	4,666.00	6.80	4.05	4,663.22	3.72	31.49	-3.79	0.26	MWD	WEATHERFORD
10/30/2...	4,760.00	6.39	4.46	4,756.60	2.90	42.25	-2.99	0.44	MWD	WEATHERFORD
10/30/2...	4,854.00	5.87	5.28	4,850.06	2.03	52.26	-2.14	0.56	MWD	WEATHERFORD
10/30/2...	4,949.00	5.25	6.91	4,944.61	1.04	61.41	-1.17	0.67	MWD	WEATHERFORD
10/30/2...	5,043.00	5.56	356.43	5,038.20	0.79	70.22	-0.94	1.10	MWD	WEATHERFORD
10/30/2...	5,137.00	5.20	354.26	5,131.78	1.48	79.01	-1.65	0.44	MWD	WEATHERFORD
10/30/2...	5,231.00	5.43	357.44	5,225.38	2.09	87.69	-2.27	0.40	MWD	WEATHERFORD
10/30/2...	5,325.00	6.44	357.40	5,318.87	2.51	97.40	-2.71	1.07	MWD	WEATHERFORD
10/30/2...	5,420.00	6.52	2.96	5,413.27	2.45	108.11	-2.67	0.67	MWD	WEATHERFORD
10/30/2...	5,514.00	6.34	2.34	5,506.68	1.94	118.62	-2.19	0.21	MWD	WEATHERFORD
10/30/2...	5,608.00	5.89	1.14	5,600.14	1.61	128.63	-1.88	0.50	MWD	WEATHERFORD
10/30/2...	5,702.00	6.33	4.96	5,693.61	1.04	138.61	-1.33	0.64	MWD	WEATHERFORD
10/30/2...	5,797.00	6.24	4.74	5,788.04	0.14	148.98	-0.45	0.10	MWD	WEATHERFORD
10/30/2...	5,891.00	6.35	3.11	5,881.47	-0.58	159.26	0.25	0.22	MWD	WEATHERFORD
10/30/2...	5,986.00	6.30	3.21	5,975.89	-1.18	169.71	0.83	0.05	MWD	WEATHERFORD
10/30/2...	6,080.00	6.69	358.56	6,069.29	-1.36	180.33	0.98	0.70	MWD	WEATHERFORD
10/30/2...	6,175.00	7.71	355.90	6,163.54	-0.79	192.22	0.38	1.13	MWD	WEATHERFORD
10/30/2...	6,268.00	7.37	354.73	6,255.74	0.18	204.38	-0.61	0.40	MWD	WEATHERFORD
10/30/2...	6,363.00	7.26	0.31	6,349.96	0.68	216.45	-1.14	0.76	MWD	WEATHERFORD
10/30/2...	6,457.00	6.80	359.99	6,443.26	0.63	227.96	-1.11	0.49	MWD	WEATHERFORD
10/30/2...	6,551.00	6.75	359.19	6,536.60	0.68	239.05	-1.19	0.11	MWD	WEATHERFORD
10/30/2...	6,646.00	6.64	1.23	6,630.95	0.62	250.12	-1.15	0.28	MWD	WEATHERFORD
10/30/2...	6,740.00	5.83	358.21	6,724.40	0.63	260.32	-1.18	0.93	MWD	WEATHERFORD
10/30/2...	6,835.00	6.44	358.83	6,818.85	0.87	270.47	-1.44	0.65	MWD	WEATHERFORD
10/30/2...	6,929.00	7.27	4.53	6,912.18	0.49	281.67	-1.08	1.14	MWD	WEATHERFORD
10/30/2...	7,023.00	7.37	6.74	7,005.41	-0.72	293.59	0.10	0.32	MWD	WEATHERFORD
10/30/2...	7,118.00	7.38	357.47	7,099.63	-1.19	305.74	0.55	1.25	MWD	WEATHERFORD
10/30/2...	7,212.00	7.44	357.29	7,192.85	-0.66	317.85	-0.01	0.07	MWD	WEATHERFORD
10/30/2...	7,298.00	7.37	5.78	7,278.13	-0.97	328.90	0.28	1.27	MWD	WEATHERFORD
10/30/2...	7,327.00	7.17	6.02	7,306.90	-1.36	332.55	0.66	0.70	MWD	WEATHERFORD
10/30/2...	7,390.00	8.78	338.34	7,369.31	-0.01	340.93	-0.70	6.53	MWD	WEATHERFORD
10/30/2...	7,422.00	10.74	323.51	7,400.85	2.65	345.60	-3.38	9.91	MWD	WEATHERFORD
10/30/2...	7,453.00	13.03	309.10	7,431.19	7.07	350.13	-7.81	12.04	MWD	WEATHERFORD
10/30/2...	7,485.00	16.11	301.51	7,462.16	13.65	354.72	-14.39	11.31	MWD	WEATHERFORD
10/30/2...	7,516.00	19.56	297.54	7,491.67	21.91	359.37	-22.67	11.79	MWD	WEATHERFORD
10/30/2...	7,547.00	22.68	294.71	7,520.58	31.94	364.27	-32.70	10.59	MWD	WEATHERFORD
11/6/2014	7,579.00	25.63	292.44	7,549.78	43.93	369.49	-44.70	9.66	MWD	WEATHERFORD
11/6/2014	7,610.00	28.45	290.04	7,577.39	57.06	374.58	-57.84	9.75	MWD	WEATHERFORD
11/6/2014	7,642.00	31.29	287.57	7,605.13	72.13	379.71	-72.93	9.67	MWD	WEATHERFORD
11/6/2014	7,673.00	33.76	285.90	7,631.27	88.08	384.50	-88.89	8.48	MWD	WEATHERFORD
11/6/2014	7,704.00	35.87	283.02	7,656.72	105.21	388.90	-106.02	8.63	MWD	WEATHERFORD
11/6/2014	7,736.00	38.18	278.82	7,682.27	124.11	392.53	-124.94	10.70	MWD	WEATHERFORD
11/6/2014	7,767.00	41.56	277.11	7,706.06	143.79	395.28	-144.61	11.46	MWD	WEATHERFORD
11/6/2014	7,799.00	44.48	275.76	7,729.46	165.47	397.71	-166.31	9.57	MWD	WEATHERFORD
11/6/2014	7,830.00	47.24	275.61	7,751.04	187.60	399.92	-188.44	8.91	MWD	WEATHERFORD
11/6/2014	7,862.00	49.30	275.20	7,772.34	211.37	402.17	-212.22	6.51	MWD	WEATHERFORD
11/6/2014	7,893.00	52.39	274.38	7,791.91	235.32	404.17	-236.17	10.18	MWD	WEATHERFORD
11/6/2014	7,925.00	55.13	273.81	7,810.83	261.06	406.01	-261.91	8.68	MWD	WEATHERFORD
11/6/2014	7,956.00	56.90	273.31	7,828.16	286.71	407.60	-287.56	5.86	MWD	WEATHERFORD
11/6/2014	7,987.00	58.66	272.03	7,844.68	312.90	408.82	-313.76	6.67	MWD	WEATHERFORD
11/6/2014	8,019.00	60.92	272.37	7,860.78	340.53	409.89	-341.39	7.12	MWD	WEATHERFORD
11/6/2014	8,050.00	63.69	271.83	7,875.19	367.96	410.89	-368.82	9.07	MWD	WEATHERFORD



ARCTURUS 18 FEDERAL 5H

WEST UNRESTRICTED

Directional Survey

District DELAWARE BASIN	County EDDY	Field Name HACKBERRY NORTH	Project Group DELAWARE BASIN REG	State/Province NM
Surface Legal Location Sec. 18 19S 31E	API/UWI 3001541802	Latitude (°) 32° 39' 55.2" N	Longitude (°) 103° 54' 3.164" W	Ground Elev... 3,437.00
			KB - GL (ft) 26.00	Orig KB Elev (ft) 3,463.00
				Tubing Head Elevation (ft)

Survey Data

Date	MD (ftKB)	Incl.(°)	Azm.(°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (%/100ft)	Survey Tool	Survey Company
11/6/2014	8,082.00	66.09	271.58	7,888.77	396.92	411.75	-397.78	7.53	MWD	WEATHERFORD
11/6/2014	8,113.00	69.25	271.74	7,900.55	425.57	412.58	-426.44	10.20	MWD	WEATHERFORD
11/6/2014	8,145.00	72.25	271.87	7,911.10	455.76	413.53	-456.63	9.38	MWD	WEATHERFORD
11/6/2014	8,176.00	74.70	271.29	7,919.91	485.47	414.35	-486.34	8.10	MWD	WEATHERFORD
11/6/2014	8,207.00	77.59	270.50	7,927.33	515.56	414.82	-516.43	9.65	MWD	WEATHERFORD
11/6/2014	8,239.00	80.31	270.64	7,933.47	546.96	415.13	-547.83	8.52	MWD	WEATHERFORD
11/6/2014	8,270.00	83.41	270.34	7,937.85	577.64	415.40	-578.51	10.03	MWD	WEATHERFORD
11/6/2014	8,363.00	90.35	270.15	7,942.91	670.45	415.79	-671.32	7.47	MWD	WEATHERFORD
11/6/2014	8,457.00	90.14	270.94	7,942.51	764.44	416.69	-765.31	0.87	MWD	WEATHERFORD
11/6/2014	8,552.00	90.42	270.42	7,942.05	859.43	417.81	-860.30	0.62	MWD	WEATHERFORD
11/6/2014	8,646.00	90.49	271.43	7,941.30	953.41	419.33	-954.29	1.08	MWD	WEATHERFORD
11/6/2014	8,740.00	90.14	271.98	7,940.78	1,047.36	422.13	-1,048.24	0.69	MWD	WEATHERFORD
11/6/2014	8,835.00	89.51	270.86	7,941.07	1,142.32	424.48	-1,143.21	1.35	MWD	WEATHERFORD
11/6/2014	8,929.00	90.63	269.78	7,940.96	1,236.31	425.01	-1,237.21	1.66	MWD	WEATHERFORD
11/6/2014	9,024.00	90.63	270.13	7,939.91	1,331.31	424.93	-1,332.20	0.37	MWD	WEATHERFORD
11/8/2014	9,119.00	91.47	269.96	7,938.17	1,426.29	425.01	-1,427.18	0.90	MWD	WEATHERFORD
11/8/2014	9,213.00	91.47	270.34	7,935.76	1,520.26	425.25	-1,521.15	0.40	MWD	WEATHERFORD
11/8/2014	9,308.00	90.98	270.78	7,933.73	1,615.23	426.18	-1,616.13	0.69	MWD	WEATHERFORD
11/8/2014	9,402.00	91.75	269.83	7,931.49	1,709.20	426.68	-1,710.10	1.30	MWD	WEATHERFORD
11/8/2014	9,497.00	91.75	269.46	7,928.59	1,804.15	426.09	-1,805.05	0.39	MWD	WEATHERFORD
11/8/2014	9,591.00	91.68	269.88	7,925.78	1,898.11	425.55	-1,899.01	0.45	MWD	WEATHERFORD
11/8/2014	9,686.00	91.47	270.31	7,923.17	1,993.07	425.71	-1,993.97	0.50	MWD	WEATHERFORD
11/8/2014	9,780.00	90.77	269.61	7,921.33	2,087.05	425.64	-2,087.95	1.05	MWD	WEATHERFORD
11/9/2014	9,874.00	90.42	269.45	7,920.35	2,181.05	424.87	-2,181.94	0.41	MWD	WEATHERFORD
11/9/2014	9,969.00	90.63	269.79	7,919.48	2,276.04	424.24	-2,276.94	0.42	MWD	WEATHERFORD
11/9/2014	10,063.00	90.07	270.00	7,918.91	2,370.04	424.07	-2,370.93	0.64	MWD	WEATHERFORD
11/9/2014	10,157.00	90.63	268.99	7,918.33	2,464.03	423.24	-2,464.93	1.23	MWD	WEATHERFORD
11/9/2014	10,252.00	90.70	268.57	7,917.23	2,559.01	421.22	-2,559.90	0.45	MWD	WEATHERFORD
11/9/2014	10,346.00	90.21	268.35	7,916.48	2,652.98	418.69	-2,653.86	0.57	MWD	WEATHERFORD
11/9/2014	10,440.00	89.72	268.36	7,916.54	2,746.95	416.00	-2,747.82	0.52	MWD	WEATHERFORD
11/9/2014	10,534.00	90.56	269.82	7,916.31	2,840.93	414.50	-2,841.81	1.79	MWD	WEATHERFORD
11/9/2014	10,629.00	91.05	270.54	7,914.98	2,935.92	414.80	-2,936.80	0.92	MWD	WEATHERFORD
11/9/2014	10,723.00	90.77	270.41	7,913.48	3,029.90	415.58	-3,030.78	0.33	MWD	WEATHERFORD
11/9/2014	10,817.00	92.17	270.39	7,911.07	3,123.87	416.24	-3,124.75	1.49	MWD	WEATHERFORD
11/9/2014	10,911.00	93.29	269.22	7,906.60	3,217.76	415.92	-3,218.63	1.72	MWD	WEATHERFORD
11/9/2014	11,005.00	92.94	268.76	7,901.49	3,311.61	414.26	-3,312.48	0.61	MWD	WEATHERFORD
11/9/2014	11,099.00	93.08	269.31	7,896.55	3,405.47	412.68	-3,406.34	0.60	MWD	WEATHERFORD
11/10/2...	11,194.00	92.73	269.18	7,891.74	3,500.34	411.43	-3,501.21	0.39	MWD	WEATHERFORD
11/10/2...	11,289.00	92.73	269.72	7,887.21	3,595.23	410.52	-3,596.09	0.57	MWD	WEATHERFORD
11/10/2...	11,383.00	92.52	269.63	7,882.91	3,689.13	409.99	-3,689.99	0.24	MWD	WEATHERFORD
11/10/2...	11,477.00	92.31	269.60	7,878.95	3,783.04	409.36	-3,783.91	0.23	MWD	WEATHERFORD
11/10/2...	11,572.00	92.24	269.79	7,875.18	3,877.97	408.85	-3,878.83	0.21	MWD	WEATHERFORD
11/10/2...	11,666.00	90.56	269.36	7,872.88	3,971.93	408.15	-3,972.80	1.84	MWD	WEATHERFORD
11/10/2...	11,760.00	89.79	269.44	7,872.59	4,065.93	407.17	-4,066.79	0.82	MWD	WEATHERFORD
11/10/2...	11,854.00	89.51	269.65	7,873.17	4,159.93	406.42	-4,160.79	0.37	MWD	WEATHERFORD
11/10/2...	11,949.00	89.37	270.11	7,874.09	4,254.92	406.22	-4,255.78	0.51	MWD	WEATHERFORD
11/10/2...	12,043.00	89.16	270.41	7,875.30	4,348.91	406.65	-4,349.77	0.39	MWD	WEATHERFORD
11/11/2...	12,138.00	89.02	270.81	7,876.81	4,443.89	407.66	-4,444.76	0.45	MWD	WEATHERFORD
11/11/2...	12,215.00	88.81	270.90	7,878.27	4,520.87	408.81	-4,521.73	0.30	MWD	WEATHERFORD
11/11/2...	12,296.00	88.59	270.99	7,880.10	4,601.83	410.15	-4,602.70	0.29	BIT	WEATHERFORD