



November 6, 2014

HOBBS OCD

MAR 25 2015

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

RECEIVED

Attn: David Cook

Re: Cotton Draw Unit 237H

Please find enclosed a copy of the survey from 0.00' to 10790' 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.

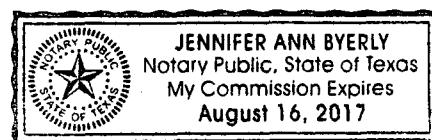
Sincerely,

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



APR 07 2015



Company: Devon Energy
Lease/Well: Cotton Draw Unit/237H

Rig Name: H&P 214
State/County: New Mexico/Lea
Latitude: 32.14, Longitude: -103.67
GRID North is 0.35 Degrees East of True North
VS-Azi: 0.00 Degrees



HOBBS OCD

MAR 25 2015

RECEIVED

Depth Reference : RKB= 25 Feet

DRILLOG MS GYRO SURVEY CALCULATIONS

Filename: dropsurveyfinal.ut

Minimum Curvature Method

Report Date/Time: 11/6/2014 / 16:24

VES Survey International

West Texas

(432) 563-5444

Surveyor: Bryan Massey

Cotton Draw Unit 237H / API 30-025-41996

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
122.80	0.20	308.44	122.80	0.13	-0.17	0.13	0.22	308.44	0.16
217.20	0.44	292.08	217.20	0.38	-0.64	0.38	0.74	300.45	0.27
311.60	0.76	276.56	311.59	0.58	-1.60	0.58	1.70	290.08	0.37
406.00	1.01	300.78	405.98	1.08	-2.93	1.08	3.12	290.23	0.47
500.40	1.30	275.73	500.36	1.61	-4.70	1.61	4.97	288.89	0.61
594.80	1.46	291.22	594.74	2.15	-6.89	2.15	7.22	287.35	0.43
689.20	1.62	267.79	689.10	2.54	-9.35	2.54	9.69	285.20	0.68
783.60	1.54	270.66	783.47	2.50	-11.94	2.50	12.20	281.84	0.12
878.00	1.63	250.83	877.83	2.08	-14.47	2.08	14.62	278.17	0.59
972.40	1.45	260.40	972.20	1.44	-16.91	1.44	16.97	274.86	0.33
1066.80	1.47	230.31	1066.57	0.46	-19.02	0.46	19.03	271.40	0.80
1161.20	1.49	215.75	1160.94	-1.31	-20.67	-1.31	20.72	266.38	0.40
1255.60	1.27	226.75	1255.31	-3.03	-22.16	-3.03	22.36	262.22	0.37
1350.00	0.47	243.87	1349.70	-3.91	-23.27	-3.91	23.59	260.45	0.88
1444.40	0.65	257.04	1444.09	-4.21	-24.13	-4.21	24.50	260.12	0.23
1538.80	0.77	262.02	1538.49	-4.41	-25.28	-4.41	25.66	260.10	0.15
1633.20	0.94	293.03	1632.88	-4.20	-26.62	-4.20	26.95	261.04	0.52
1727.60	0.80	319.80	1727.27	-3.39	-27.76	-3.39	27.97	263.04	0.45

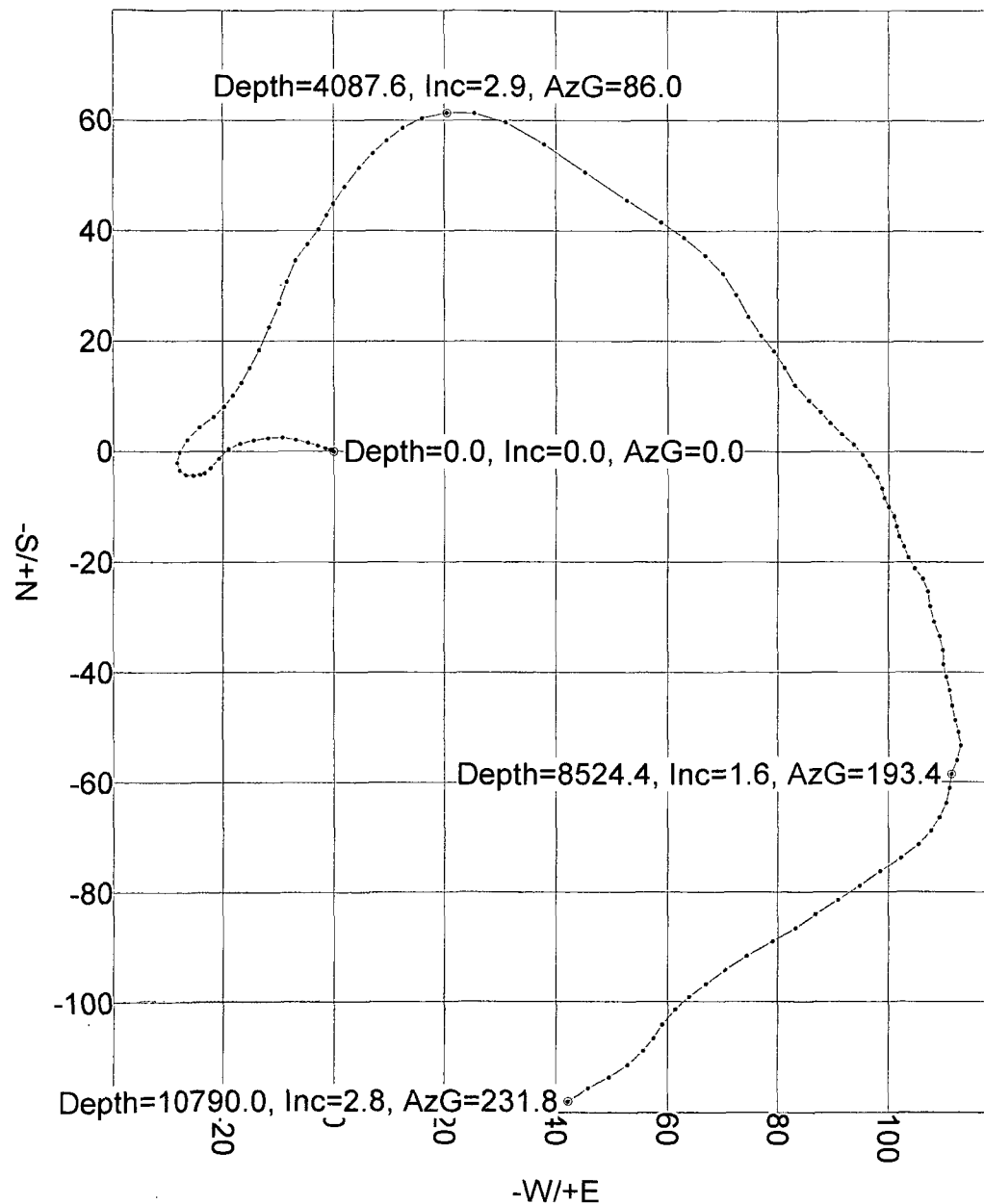
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1822.00	1.06	355.14	1821.65	-2.01	-28.27	-2.01	28.34	265.93	0.66
1916.40	1.45	29.52	1916.03	-0.09	-27.75	-0.09	27.75	269.81	0.88
2010.80	1.81	35.73	2010.39	2.16	-26.29	2.16	26.38	274.69	0.42
2105.20	1.96	48.96	2104.74	4.43	-24.20	4.43	24.60	280.37	0.49
2199.60	1.86	57.23	2199.09	6.32	-21.69	6.32	22.60	286.24	0.31
2294.00	1.46	31.01	2293.45	8.18	-19.78	8.18	21.41	292.46	0.90
2388.40	1.64	42.59	2387.82	10.21	-18.25	10.21	20.91	299.21	0.38
2482.80	1.79	28.79	2482.18	12.49	-16.63	12.49	20.80	306.92	0.46
2577.20	1.97	28.44	2576.53	15.21	-15.14	15.21	21.46	315.13	0.19
2671.60	2.49	25.93	2670.85	18.48	-13.47	18.48	22.87	323.90	0.56
2766.00	2.95	21.05	2765.15	22.59	-11.71	22.59	25.44	332.60	0.54
2860.40	2.61	25.24	2859.44	26.80	-9.92	26.80	28.57	339.69	0.41
2954.80	2.62	15.50	2953.74	30.82	-8.43	30.82	31.95	344.71	0.47
3049.20	2.48	27.97	3048.05	34.70	-6.89	34.70	35.38	348.77	0.60
3143.60	1.98	46.56	3142.38	37.63	-4.75	37.63	37.93	352.81	0.93
3238.00	2.12	26.12	3236.72	40.32	-2.79	40.32	40.42	356.04	0.79
3332.40	1.40	34.84	3331.07	42.84	-1.36	42.84	42.86	358.18	0.82
3426.80	1.60	30.48	3425.44	44.92	-0.04	44.92	44.92	359.95	0.25
3521.20	2.80	35.67	3519.77	47.93	1.97	47.93	47.97	2.36	1.28
3615.60	2.49	40.31	3614.07	51.36	4.64	51.36	51.57	5.16	0.40
3710.00	1.90	45.74	3708.40	54.01	7.09	54.01	54.47	7.48	0.66
3804.40	2.23	47.44	3802.74	56.34	9.56	56.34	57.15	9.63	0.35
3898.80	2.21	54.60	3897.07	58.64	12.40	58.64	59.94	11.94	0.29
3993.20	2.73	70.50	3991.38	60.45	16.00	60.45	62.53	14.83	0.91
4087.60	2.92	85.98	4085.67	61.37	20.53	61.37	64.71	18.49	0.83
4182.00	3.05	95.98	4179.94	61.27	25.42	61.27	66.34	22.54	0.57
4276.40	4.13	114.76	4274.15	59.59	31.01	59.59	67.17	27.49	1.68
4370.80	5.46	123.66	4368.22	55.68	37.84	55.68	67.32	34.20	1.61
4465.20	5.44	125.07	4462.20	50.62	45.24	50.62	67.88	41.79	0.14
4559.60	5.53	123.24	4556.16	45.55	52.70	45.55	69.66	49.16	0.21
4654.00	3.25	122.39	4650.28	41.62	58.77	41.62	72.02	54.69	2.41
4748.40	2.91	126.21	4744.54	38.77	62.97	38.77	73.95	58.38	0.42
4842.80	3.10	132.46	4838.81	35.63	66.79	35.63	75.70	61.92	0.40
4937.20	2.51	140.45	4933.10	32.31	69.99	32.31	77.09	65.22	0.75
5031.60	2.97	152.73	5027.39	28.54	72.43	28.54	77.85	68.49	0.78
5126.00	2.55	150.38	5121.68	24.55	74.58	24.55	78.52	71.78	0.46
5220.40	2.49	140.63	5215.99	21.13	76.92	21.13	79.77	74.64	0.46
5314.80	2.00	138.69	5310.32	18.30	79.32	18.30	81.40	77.01	0.53
5409.20	2.32	153.28	5404.65	15.36	81.27	15.36	82.70	79.30	0.67

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
5503.60	2.29	146.03	5498.98	12.09	83.18	12.09	84.05	81.73	0.31
5598.00	2.18	131.29	5593.31	9.34	85.58	9.34	86.09	83.77	0.62
5692.40	1.46	140.69	5687.66	7.23	87.69	7.23	87.99	85.29	0.82
5786.80	1.81	133.94	5782.02	5.26	89.52	5.26	89.68	86.63	0.42
5881.20	1.70	134.49	5876.38	3.25	91.59	3.25	91.65	87.97	0.12
5975.60	1.80	129.53	5970.73	1.33	93.73	1.33	93.74	89.19	0.19
6070.00	1.25	153.01	6065.10	-0.53	95.34	-0.53	95.34	90.32	0.87
6164.40	1.58	143.04	6159.47	-2.49	96.59	-2.49	96.62	91.48	0.44
6258.80	1.48	151.99	6253.84	-4.61	97.94	-4.61	98.05	92.69	0.28
6353.20	1.19	167.63	6348.21	-6.64	98.73	-6.64	98.95	93.85	0.49
6447.60	1.00	161.84	6442.59	-8.38	99.19	-8.38	99.55	94.83	0.23
6542.00	1.23	148.65	6536.98	-10.03	99.98	-10.03	100.48	95.73	0.37
6636.40	1.18	150.63	6631.36	-11.74	100.98	-11.74	101.66	96.63	0.07
6730.80	1.19	181.24	6725.74	-13.56	101.43	-13.56	102.34	97.62	0.66
6825.20	1.20	149.14	6820.12	-15.40	101.92	-15.40	103.07	98.59	0.70
6919.60	1.24	159.17	6914.50	-17.20	102.79	-17.20	104.22	99.50	0.23
7014.00	1.31	156.92	7008.87	-19.15	103.58	-19.15	105.33	100.47	0.09
7108.40	1.53	141.51	7103.24	-21.13	104.78	-21.13	106.89	101.40	0.46
7202.80	1.39	144.56	7197.61	-23.05	106.23	-23.05	108.70	102.24	0.16
7297.20	1.63	169.90	7291.98	-25.30	107.13	-25.30	110.08	103.29	0.74
7391.60	1.77	172.74	7386.34	-28.07	107.55	-28.07	111.15	104.63	0.17
7486.00	1.76	159.73	7480.70	-30.87	108.24	-30.87	112.55	105.92	0.42
7580.40	1.64	154.53	7575.05	-33.45	109.32	-33.45	114.33	107.01	0.21
7674.80	1.62	181.85	7669.42	-36.01	109.86	-36.01	115.61	108.15	0.82
7769.20	1.45	177.24	7763.78	-38.54	109.87	-38.54	116.44	109.33	0.23
7863.60	1.46	156.48	7858.15	-40.84	110.41	-40.84	117.72	110.30	0.56
7958.00	1.60	175.19	7952.52	-43.26	111.00	-43.26	119.14	111.29	0.55
8052.40	1.86	166.02	8046.88	-46.06	111.48	-46.06	120.62	112.45	0.40
8146.80	1.40	168.62	8141.24	-48.68	112.08	-48.68	122.20	113.47	0.49
8241.20	1.31	159.23	8235.61	-50.82	112.69	-50.82	123.62	114.27	0.25
8335.60	1.73	182.40	8329.98	-53.26	113.02	-53.26	124.94	115.23	0.78
8430.00	1.74	206.23	8424.34	-55.97	112.32	-55.97	125.50	116.49	0.76
8524.40	1.60	193.38	8518.70	-58.54	111.39	-58.54	125.83	117.72	0.42
8618.80	1.54	182.01	8613.06	-61.09	111.04	-61.09	126.73	118.82	0.33
8713.20	1.90	201.19	8707.42	-63.81	110.43	-63.81	127.54	120.02	0.71
8807.60	1.63	207.79	8801.78	-66.46	109.24	-66.46	127.86	121.31	0.35
8902.00	1.86	218.53	8896.13	-68.84	107.66	-68.84	127.79	122.60	0.42
8996.40	2.19	225.07	8990.47	-71.31	105.43	-71.31	127.28	124.08	0.43
9090.80	2.69	237.31	9084.79	-73.79	102.28	-73.79	126.12	125.81	0.76

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
9185.20	2.68	237.97	9179.08	-76.16	98.54	-76.16	124.54	127.70	0.04
9279.60	2.81	231.23	9273.38	-78.78	94.86	-78.78	123.31	129.71	0.37
9374.00	2.92	241.71	9367.66	-81.37	90.94	-81.37	122.03	131.82	0.57
9468.40	2.95	232.90	9461.94	-83.97	86.89	-83.97	120.83	134.02	0.48
9562.80	2.48	238.01	9556.23	-86.51	83.23	-86.51	120.05	136.11	0.55
9657.20	3.35	241.91	9650.51	-88.90	79.06	-88.90	118.96	138.35	0.95
9751.60	3.24	239.00	9744.75	-91.57	74.33	-91.57	117.94	140.93	0.21
9846.00	2.48	233.89	9839.03	-94.15	70.39	-94.15	117.56	143.22	0.84
9940.40	2.69	232.36	9933.34	-96.71	66.99	-96.71	117.64	145.29	0.23
10034.80	1.94	230.69	10027.66	-99.07	64.00	-99.07	117.94	147.14	0.80
10129.20	2.28	227.59	10121.99	-101.35	61.38	-101.35	118.48	148.80	0.39
10223.60	2.17	211.82	10216.32	-104.13	59.05	-104.13	119.71	150.44	0.66
10318.00	1.36	212.59	10310.68	-106.60	57.51	-106.60	121.12	151.65	0.86
10412.40	2.22	222.99	10405.03	-108.88	55.66	-108.88	122.28	152.92	0.97
10506.80	2.40	231.51	10499.35	-111.44	52.86	-111.44	123.35	154.62	0.41
10601.20	2.50	240.47	10593.67	-113.68	49.53	-113.68	124.01	156.46	0.42
10695.60	2.60	243.30	10687.98	-115.66	45.83	-115.66	124.41	158.38	0.17
10790.00	2.81	231.80	10782.27	-118.05	42.10	-118.05	125.34	160.37	0.62



VES Survey International
West Texas
(432) 563-5444
Surveyor: Bryan Massey
Cotton Draw Unit 237H / API 30-025-41996





Directional Survey

MAR 25 2015

Sub-Division DELAWARE BASIN		Field Name PADUCA		Region DELAWARE BASIN WEST		State/Province NM					
Surface Legal Location SEC 10 T25S R32E		Latitude (°) 32° 8' 17.856" N		Longitude (°) 103° 40' 6.115" W		Ground Elev. M. 3,445.50		Orig KB Elev. (ft) 3,470.50		Tubing Head Elevation (ft)	
Wellbores											
Parent Wellbore		SAP Well ID 36989		Vertical Section Direction (°) 359.55							
Kick Offs & Key Depths											
Date				Type				Top Depth (ftKB)			
Actual Deviation Survey				Definitive?		Proposed?		Proposed Deviation Survey			
Deviation Survey											
Date				Description							
MD Tie In (ftKB)		TVD Tie In (ftKB)		Inclination Tie In (°)		Azimuth Tie In (°)		NSTie In (ft)		EWTie In (ft)	
Survey Data											
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company	
Parent Wellbore		OH		SAP Well ID		Vertical Section Direction (°) 359.55					
Kick Offs & Key Depths											
Date 10/20/2014				Type Kick Off				Top Depth (ftKB) 9,985.0			
Actual Deviation Survey MWD, Proposed? No				Definitive? Yes		Proposed? No		Proposed Deviation Survey			
Deviation Survey											
Date 10/20/2014				Description MWD							
MD Tie In (ftKB) 9,940.40		TVD Tie In (ftKB) 9,933.34		Inclination Tie In (°) 2.69		Azimuth Tie In (°) 232.36		NSTie In (ft) -96.71		EWTie In (ft) 66.99	
Survey Data											
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company	
10/20/2	9,963.00	2.76	256.91	9,955.92	97.67	97.16	66.04	5.13	MWD	WEATHERFORD	
10/20/2	10,058.00	11.77	276.73	10,050.06	96.96	96.54	54.16	9.71	MWD	WEATHERFORD	
10/20/2	10,089.00	15.21	277.08	10,080.20	96.03	95.67	46.99	11.10	MWD	WEATHERFORD	
10/21/2	10,121.00	18.81	278.10	10,110.80	94.71	94.42	37.71	11.29	MWD	WEATHERFORD	
10/21/2	10,152.00	22.12	280.32	10,139.84	92.88	92.67	27.02	10.97	MWD	WEATHERFORD	
10/21/2	10,184.00	25.85	283.46	10,169.07	90.08	89.97	14.30	12.32	MWD	WEATHERFORD	
10/21/2	10,215.00	29.94	285.24	10,196.47	86.36	86.36	0.26	13.46	MWD	WEATHERFORD	
10/21/2	10,246.00	33.60	287.69	10,222.82	81.59	81.72	15.38	12.52	MWD	WEATHERFORD	
10/21/2	10,278.00	37.45	289.61	10,248.86	75.50	75.76	32.99	12.52	MWD	WEATHERFORD	
10/21/2	10,309.00	41.24	290.55	10,272.83	68.60	69.01	51.44	12.38	MWD	WEATHERFORD	
10/21/2	10,341.00	44.04	293.26	10,296.37	60.35	60.91	71.55	10.46	MWD	WEATHERFORD	
10/21/2	10,372.00	45.10	298.11	10,318.46	50.76	51.48	91.14	11.50	MWD	WEATHERFORD	
10/21/2	10,404.00	46.43	302.56	10,340.78	39.02	39.90	110.91	10.79	MWD	WEATHERFORD	
10/21/2	10,435.00	48.04	307.19	10,361.84	25.86	26.88	129.56	12.13	MWD	WEATHERFORD	
10/21/2	10,466.00	49.22	312.01	10,382.33	10.89	12.05	147.47	12.27	MWD	WEATHERFORD	
10/21/2	10,498.00	49.50	316.59	10,403.18	6.19	4.90	164.84	10.89	MWD	WEATHERFORD	
10/21/2	10,529.00	49.63	321.50	10,423.30	24.12	22.71	180.30	12.06	MWD	WEATHERFORD	
10/21/2	10,561.00	50.52	326.68	10,443.84	44.11	42.58	194.67	12.72	MWD	WEATHERFORD	
10/21/2	10,592.00	52.27	330.99	10,463.19	64.93	63.30	207.20	12.24	MWD	WEATHERFORD	
10/21/2	10,624.00	53.96	335.13	10,482.40	87.83	86.12	218.78	11.62	MWD	WEATHERFORD	
10/21/2	10,655.00	55.54	339.34	10,500.30	111.25	109.45	228.56	12.20	MWD	WEATHERFORD	
10/22/2	10,687.00	57.70	343.25	10,517.91	136.62	134.76	237.12	12.23	MWD	WEATHERFORD	
10/22/2	10,718.00	59.21	347.29	10,534.13	162.21	160.30	243.83	12.13	MWD	WEATHERFORD	
10/22/2	10,750.00	60.98	351.05	10,550.09	189.49	187.54	249.03	11.59	MWD	WEATHERFORD	
10/22/2	10,782.00	63.13	354.63	10,565.08	217.56	215.58	252.54	11.95	MWD	WEATHERFORD	
10/22/2	10,813.00	66.86	357.26	10,578.19	245.59	243.60	254.52	14.28	MWD	WEATHERFORD	
10/22/2	10,845.00	70.67	358.02	10,589.78	275.39	273.39	255.74	12.11	MWD	WEATHERFORD	
10/22/2	10,865.00	72.89	357.61	10,596.03	294.38	292.38	256.47	11.27	MWD	WEATHERFORD	
10/22/2	10,896.00	74.42	357.46	10,604.75	324.11	322.09	257.75	4.96	MWD	WEATHERFORD	
10/22/2	10,928.00	75.58	357.55	10,613.03	355.00	352.97	259.09	3.64	MWD	WEATHERFORD	
10/22/2	10,959.00	76.08	357.22	10,620.62	385.03	383.00	260.46	1.91	MWD	WEATHERFORD	
10/22/2	10,991.00	76.66	357.41	10,628.16	416.11	414.06	261.92	1.90	MWD	WEATHERFORD	



COTTON DRAW UNIT 237H

DELAWARE BASIN UNRESTRICTED

Directional Survey

Sub-Division DELAWARE BASIN	Survey LEA	Field Name PADUCA	Region DELAWARE BASIN WEST	State/Province NM
Surface Legal Location SEC 10, T25S, R32E	APN 10-25-4-000	Latitude (°) 32° 8' 17.856" N	Longitude (°) 103° 40' 6.115" W	Ground Elev. M. 3,445.50
				Orig. KB Elev. (ft) 3,470.50
				Tubing Head Elevation (ft)

Survey Data

Date	MD (ftKB)	Incl. (°)	Azm. (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS ("/100ft)	Survey Tool	Survey Company
10/22/2...	11,022.00	78.24	356.64	10,634.90	446.34	444.28	263.49	5.64	MWD	WEATHERFORD
10/22/2...	11,054.00	79.66	356.33	10,641.03	477.70	475.63	265.42	4.54	MWD	WEATHERFORD
10/22/2...	11,085.00	80.66	356.13	10,646.33	508.19	506.11	267.43	3.29	MWD	WEATHERFORD
10/22/2...	11,117.00	82.14	355.96	10,651.12	539.77	537.67	269.61	4.65	MWD	WEATHERFORD
10/22/2...	11,148.00	83.90	356.14	10,654.88	570.48	568.37	271.73	5.71	MWD	WEATHERFORD
10/22/2...	11,180.00	85.80	356.63	10,657.76	602.30	600.17	273.74	6.13	MWD	WEATHERFORD
10/22/2...	11,274.00	90.28	359.25	10,660.97	696.18	694.02	277.11	5.52	MWD	WEATHERFORD
10/22/2...	11,369.00	91.40	359.66	10,659.58	791.17	789.01	278.01	1.26	MWD	WEATHERFORD
10/22/2...	11,464.00	92.17	359.29	10,656.62	886.12	883.96	278.88	0.90	MWD	WEATHERFORD
10/22/2...	11,558.00	91.33	359.62	10,653.75	980.07	977.91	279.78	0.96	MWD	WEATHERFORD
10/22/2...	11,653.00	92.03	359.77	10,650.96	1,075.03	1,072.86	280.28	0.75	MWD	WEATHERFORD
10/22/2...	11,747.00	90.91	358.93	10,648.55	1,169.00	1,166.83	281.35	1.49	MWD	WEATHERFORD
10/22/2...	11,842.00	91.61	358.75	10,646.46	1,263.97	1,261.78	283.27	0.76	MWD	WEATHERFORD
10/22/2...	11,923.00	90.63	359.05	10,644.88	1,344.95	1,342.75	284.83	1.27	MWD	WEATHERFORD
10/22/2...	12,018.00	91.33	358.94	10,643.25	1,439.93	1,437.72	286.49	0.75	MWD	WEATHERFORD
10/22/2...	12,112.00	90.07	358.64	10,642.11	1,533.91	1,531.69	288.48	1.38	MWD	WEATHERFORD
10/22/2...	12,207.00	91.40	358.30	10,640.89	1,628.88	1,626.65	291.01	1.45	MWD	WEATHERFORD
10/22/2...	12,302.00	89.65	359.06	10,640.02	1,723.86	1,721.61	293.20	2.01	MWD	WEATHERFORD
10/22/2...	12,396.00	90.28	359.71	10,640.07	1,817.86	1,815.61	294.21	0.96	MWD	WEATHERFORD
10/22/2...	12,490.00	88.88	357.91	10,640.76	1,911.85	1,909.58	296.16	2.43	MWD	WEATHERFORD
10/22/2...	12,585.00	89.65	358.67	10,641.98	2,006.81	2,004.53	299.00	1.14	MWD	WEATHERFORD
10/22/2...	12,679.00	90.98	359.24	10,641.47	2,100.80	2,098.51	300.71	1.54	MWD	WEATHERFORD
10/22/2...	12,773.00	89.79	359.59	10,640.83	2,194.80	2,192.50	301.67	1.32	MWD	WEATHERFORD
10/22/2...	12,868.00	90.84	359.40	10,640.31	2,289.80	2,287.49	302.51	1.12	MWD	WEATHERFORD
10/22/2...	12,962.00	90.07	358.22	10,639.56	2,383.78	2,381.47	304.46	1.50	MWD	WEATHERFORD
10/22/2...	13,057.00	88.53	358.87	10,640.73	2,478.76	2,476.43	306.87	1.76	MWD	WEATHERFORD
10/22/2...	13,151.00	89.37	359.11	10,642.45	2,572.74	2,570.39	308.53	0.93	MWD	WEATHERFORD
10/22/2...	13,246.00	90.49	358.40	10,642.56	2,667.73	2,665.37	310.59	1.40	MWD	WEATHERFORD
10/22/2...	13,340.00	89.65	359.25	10,642.45	2,761.72	2,759.35	312.52	1.27	MWD	WEATHERFORD
10/22/2...	13,435.00	90.56	359.94	10,642.27	2,856.72	2,854.34	313.19	1.20	MWD	WEATHERFORD
10/22/2...	13,529.00	89.51	359.76	10,642.22	2,950.71	2,948.34	313.44	1.13	MWD	WEATHERFORD
10/22/2...	13,624.00	90.70	0.57	10,642.04	3,045.71	3,043.34	313.16	1.52	MWD	WEATHERFORD
10/22/2...	13,718.00	89.09	359.68	10,642.22	3,139.70	3,137.34	312.96	1.96	MWD	WEATHERFORD
10/22/2...	13,813.00	89.79	359.88	10,643.14	3,234.69	3,232.33	313.32	0.77	MWD	WEATHERFORD
10/22/2...	13,908.00	89.02	359.32	10,644.13	3,329.68	3,327.32	313.99	1.00	MWD	WEATHERFORD
10/22/2...	14,002.00	89.30	359.64	10,645.51	3,423.67	3,421.31	314.84	0.45	MWD	WEATHERFORD
10/22/2...	14,097.00	89.65	0.29	10,646.38	3,518.67	3,516.30	314.90	0.78	MWD	WEATHERFORD
10/22/2...	14,191.00	89.37	359.27	10,647.18	3,612.66	3,610.30	315.26	1.13	MWD	WEATHERFORD
10/22/2...	14,286.00	90.42	358.55	10,647.36	3,707.65	3,705.28	317.07	1.34	MWD	WEATHERFORD
10/22/2...	14,380.00	89.79	359.47	10,647.18	3,801.65	3,799.26	318.69	1.19	MWD	WEATHERFORD
10/22/2...	14,475.00	90.70	359.11	10,646.78	3,896.64	3,894.25	319.87	1.03	MWD	WEATHERFORD
10/22/2...	14,569.00	90.42	359.02	10,645.86	3,990.64	3,988.23	321.40	0.31	MWD	WEATHERFORD
10/22/2...	14,663.00	90.42	358.59	10,645.17	4,084.63	4,082.21	323.36	0.46	MWD	WEATHERFORD
10/22/2...	14,758.00	89.93	359.51	10,644.88	4,179.62	4,177.20	324.94	1.10	MWD	WEATHERFORD
10/22/2...	14,852.00	89.93	359.31	10,645.00	4,273.62	4,271.19	325.91	0.21	MWD	WEATHERFORD
10/22/2...	14,946.00	91.46	358.90	10,643.86	4,367.61	4,365.17	327.37	1.69	MWD	WEATHERFORD
10/22/2...	15,041.00	91.05	0.55	10,641.77	4,462.58	4,460.14	327.83	1.79	MWD	WEATHERFORD
10/22/2...	15,135.00	89.58	1.03	10,641.26	4,556.55	4,554.13	326.53	1.65	MWD	WEATHERFORD
10/22/2...	15,230.00	89.30	0.15	10,642.19	4,651.53	4,649.12	325.55	0.97	MWD	WEATHERFORD
10/22/2...	15,287.00	89.79	0.53	10,642.64	4,708.53	4,706.12	325.22	1.09	MWD	WEATHERFORD
10/22/2...	15,355.00	89.79	0.53	10,642.89	4,776.51	4,774.11	324.59	0.00	BIT	WEATHERFORD