

DISTRICT I
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DISTRICT II
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Phone (505) 746-1253 Fax: (505) 746-0720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-43682	Pool Code 7500	Pool Name BRONCO; SAN ANDRES, SOUTH
Property Code 317521	Property Name SAY MY NAME STATE	Well Number 6H
OGRID No. 371682	Operator Name STEWART ENERGY II, LLC	Elevation 3791'

Surface Location

UL or lot No. M	Section 9	Township 14 S	Range 38 E	Lot Idn	Feet from the 225	North/South line SOUTH	Feet from the 380	East/West line WEST	County LEA
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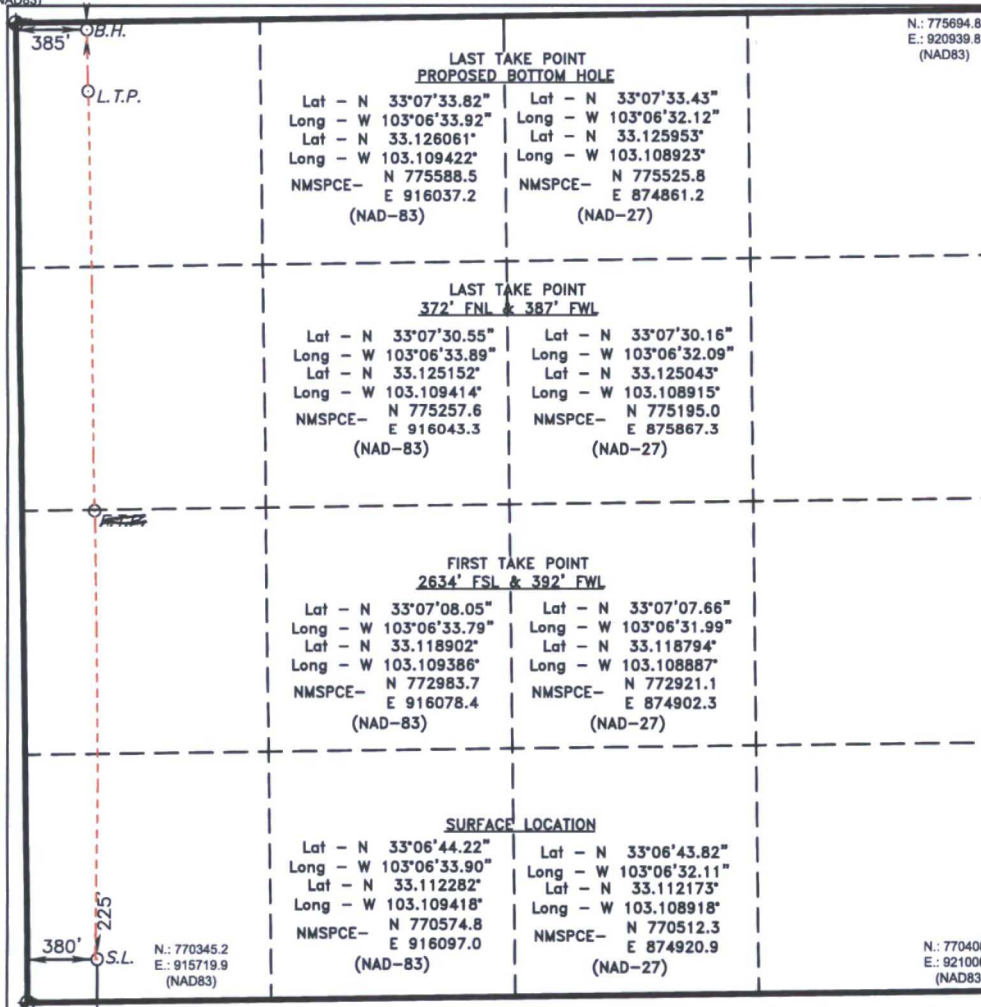
Bottom Hole Location If Different From Surface

UL or lot No. D	Section 9	Township 14 S	Range 38 E	Lot Idn	Feet from the 41	North/South line NORTH	Feet from the 385	East/West line WEST	County LEA
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Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

775624.3
915652.1
NAD83



N: 775694.8
E: 920939.8
(NAD83)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Melanie J. Wilson 8/1/2017
Signature Date

Melanie J Wilson

Printed Name
mjp1692@gmail.com

Email Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 10 7 2017

Date Surveyed
Signature & Seal of
Professional Surveyor

Certificate Number 7977
BASIC SURVEYS

0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'
WO Num.: 32740



DrilTech, LLC

MWD Survey Report

Job No: DM-2017-045-SED-TM

Operator: **Steward Energy II, LLC**
Well Name: **Say My Name State 006H**
Location: **Lea County, NM**
Rig: **McVay 5**
Directional Drilling Co: **DrilTech, LLC**
Well API #: **30-025-43682**
Tie Into: **VES Survey International**
Tie-In Date: **4/26/2017**
Date Completed: **5/6/2017**

Reference Coordinates: LAT:

33	°	6	'	38.2454	"	N
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LON:

103	°	6	'	33.9948	"	W
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Reference Grid Coordinates: X: **916097.00 (ft)**
Y: **770574.80 (ft)**

Reference Grid: **NAD 83**
Zone: **New Mexico Eastern Zone**
(UTM or Lambert): **UTM**

Survey Vertical Reference: **18.50 (ft)** Rotary Table to Ground Level
Elevation: **3791.00 (ft)** Ground Level to Mean Sea Level
Vertical Section Plane: **359.26 (deg)**

North Alignment: **Grid North**

<u>Magnetic Data</u>	<u>Section 1</u>	<u>Section 2</u>	<u>Section 3</u>	<u>Section 4</u>
Magnetic Declination (deg)	6.81			
Grid (deg)	-0.67			
TOTAL CORRECTION (deg)	6.14			
Depth Start (MD Ft)	2364.00			
Depth End (MD Ft)	10158.00			

REMARKS:

DRILTECH MWD SURVEY REPORT



Company: Steward Energy II, LLC
 Well: Say My Name State 006H
 Location: Lea County, NM
 Rig: McVay 5

Job Number: DM-2017-045-SED-T-NM
 Vertical Section Plane: 359.26
 Well API Number: 30-025-43682
 Tie Into: VES Survey International

All Azimuths
 Corrected To: **Grid North**

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N(+) / S(-) (ft)	E(+) / W(-) (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Tie In	GYRO	2364.00	0.69	276.98	0.00	2363.86	-0.97	-1.09	-8.83	8.90	262.98	0.45	0.00	0.00
1	MWD	2453.00	0.70	258.74	89	2452.85	-1.00	-1.13	-9.90	9.96	263.48	0.25	0.01	-20.49
2	MWD	2547.00	0.70	244.24	94	2546.85	-1.35	-1.49	-10.98	11.08	262.26	0.19	0.00	-15.43
3	MWD	2641.00	0.53	222.61	94	2640.84	-1.91	-2.06	-11.79	11.97	260.08	0.30	-0.18	-23.01
4	MWD	2736.00	0.09	210.13	95	2735.84	-2.29	-2.45	-12.12	12.37	258.57	0.47	-0.46	-13.14
5	MWD	2830.00	0.26	11.24	94	2829.84	-2.15	-2.30	-12.12	12.33	259.23	0.37	0.18	-211.59
6	MWD	2924.00	0.53	31.01	94	2923.84	-1.57	-1.72	-11.85	11.98	261.73	0.32	0.29	21.03
7	MWD	3018.00	0.70	78.91	94	3017.83	-1.10	-1.24	-11.06	11.13	263.61	0.56	0.18	50.96
8	MWD	3112.00	0.70	68.89	94	3111.83	-0.79	-0.92	-9.97	10.01	264.71	0.13	0.00	-10.66
9	MWD	3206.00	0.62	101.15	94	3205.82	-0.70	-0.81	-8.93	8.97	264.79	0.40	-0.09	34.32
10	MWD	3300.00	1.06	116.53	94	3299.81	-1.20	-1.30	-7.65	7.76	260.35	0.52	0.47	16.36
11	MWD	3394.00	1.14	94.03	94	3393.79	-1.68	-1.76	-5.94	6.20	253.55	0.46	0.09	-23.94
12	MWD	3489.00	1.14	106.07	95	3488.77	-2.03	-2.08	-4.09	4.59	243.02	0.25	0.00	12.67
13	MWD	3584.00	0.97	106.34	95	3583.76	-2.54	-2.57	-2.41	3.53	223.18	0.18	-0.18	0.28
14	MWD	3678.00	0.97	109.41	94	3677.74	-3.05	-3.06	-0.90	3.19	196.37	0.06	0.00	3.27
15	MWD	3773.00	1.06	82.08	95	3772.73	-3.21	-3.21	0.73	3.29	167.16	0.51	0.09	-28.77
16	MWD	3867.00	0.88	347.24	94	3866.72	-2.40	-2.38	1.43	2.78	148.98	1.53	-0.19	282.09
17	MWD	3961.00	1.49	339.16	94	3960.70	-0.55	-0.54	0.84	0.99	122.57	0.67	0.65	-8.60
18	MWD	4055.00	1.67	332.57	94	4054.66	1.83	1.82	-0.23	1.84	-7.12	0.27	0.19	-7.01
19	MWD	4150.00	0.79	254.52	95	4149.65	2.90	2.88	-1.50	3.24	-27.49	1.78	-0.93	-82.16
20	MWD	4244.00	0.79	247.22	94	4243.64	2.49	2.45	-2.72	3.66	-47.94	0.11	0.00	-7.77
21	MWD	4338.00	0.44	238.17	94	4337.63	2.06	2.01	-3.62	4.14	-60.96	0.39	-0.37	-9.63
22	MWD	4432.00	0.70	245.64	94	4431.63	1.64	1.58	-4.45	4.73	-70.41	0.29	0.28	7.95
23	MWD	4524.00	0.79	282.29	92	4523.62	1.56	1.49	-5.58	5.78	-75.08	0.52	0.10	39.84
24	MWD	4556.00	0.79	302.33	32	4555.62	1.73	1.65	-5.99	6.21	-74.57	0.86	0.00	62.62
25	MWD	4650.00	2.55	339.25	94	4649.58	4.05	3.95	-7.27	8.28	-61.47	2.10	1.87	39.28
26	MWD	4744.00	2.64	343.46	94	4743.48	8.10	7.99	-8.63	11.76	-47.23	0.22	0.10	4.48
27	MWD	4838.00	2.29	344.78	94	4837.39	12.00	11.87	-9.74	15.36	-39.37	0.38	-0.37	1.40
28	MWD	4870.00	3.52	346.72	32	4869.35	13.58	13.45	-10.13	16.84	-37.01	3.86	3.84	6.06
29	MWD	4901.00	6.24	352.43	31	4900.24	16.18	16.04	-10.58	19.21	-33.39	8.90	8.77	18.42
30	MWD	4932.00	9.50	356.65	31	4930.94	20.41	20.27	-10.95	23.04	-28.37	10.67	10.52	13.61
31	MWD	4964.00	13.81	358.58	32	4962.27	26.87	26.73	-11.20	28.98	-22.73	13.52	13.47	6.03
32	MWD	4995.00	18.29	0.95	31	4992.06	35.43	35.29	-11.21	37.03	-17.62	14.60	14.45	-1153.65



DRILTECH MWD SURVEY REPORT

Company: Steward Energy II, LLC
 Well: Say My Name State 006H
 Location: Lea County, NM
 Rig: McVay 5

Job Number: DM-2017-045-SED-T-NM
 Vertical Section Plane: 359.26
 Well API Number: 30-025-43682
 Tie Into: VES Survey International

All Azimuths
 Corrected To: **Grid North**

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Course Azimuth (deg)	Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N(+) / S(-) (ft)	E(+) / W(-) (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
33	MWD	5026.00	21.46	1.57	31	5021.21	45.96	45.83	-10.97	47.12	-13.46	10.25	10.23	2.00
34	MWD	5058.00	24.71	2.98	32	5050.64	58.49	58.36	-10.46	59.29	-10.16	10.30	10.16	4.41
35	MWD	5089.00	27.70	2.45	31	5078.45	72.15	72.03	-9.82	72.70	-7.76	9.67	9.65	-1.71
36	MWD	5121.00	30.78	1.48	32	5106.37	87.77	87.65	-9.29	88.14	-6.05	9.74	9.63	-3.03
37	MWD	5153.00	33.85	0.43	32	5133.41	104.86	104.75	-9.01	105.14	-4.92	9.75	9.59	-3.28
38	MWD	5184.00	37.02	359.46	31	5158.67	122.83	122.72	-9.03	123.06	-4.21	10.39	10.23	1158.16
39	MWD	5216.00	39.92	358.58	32	5183.72	142.74	142.63	-9.38	142.93	-3.76	9.22	9.06	-2.75
40	MWD	5247.00	42.30	359.02	31	5207.07	163.12	163.00	-9.80	163.30	-3.44	7.73	7.68	1.42
41	MWD	5279.00	44.58	358.93	32	5230.31	185.12	185.00	-10.20	185.28	-3.15	7.13	7.13	-0.28
42	MWD	5310.00	47.48	359.99	31	5251.83	207.43	207.31	-10.40	207.57	-2.87	9.67	9.35	3.42
43	MWD	5341.00	50.56	0.87	31	5272.15	230.82	230.71	-10.22	230.93	-2.54	10.16	9.94	-1158.45
44	MWD	5372.00	53.55	1.22	31	5291.21	255.25	255.15	-9.78	255.33	-2.19	9.69	9.65	1.13
45	MWD	5403.00	56.01	1.39	31	5309.09	280.56	280.46	-9.20	280.61	-1.88	7.95	7.94	0.55
46	MWD	5435.00	59.18	0.69	32	5326.24	307.56	307.47	-8.71	307.60	-1.62	10.08	9.91	-2.19
47	MWD	5466.00	62.34	359.81	31	5341.38	334.60	334.52	-8.60	334.63	-1.47	10.49	10.19	1158.45
48	MWD	5498.00	65.25	359.90	32	5355.51	363.31	363.23	-8.67	363.33	-1.37	9.10	9.09	0.28
49	MWD	5529.00	68.32	0.25	31	5367.73	391.79	391.71	-8.63	391.81	-1.26	9.96	9.90	-1160.16
50	MWD	5561.00	71.23	0.78	32	5378.79	421.81	421.74	-8.36	421.82	-1.14	9.23	9.09	1.66
51	MWD	5592.00	74.13	1.22	31	5388.02	451.39	451.32	-7.84	451.39	-1.00	9.45	9.35	1.42
52	MWD	5623.00	77.03	0.60	31	5395.73	481.39	481.34	-7.37	481.39	-0.88	9.55	9.35	-2.00
53	MWD	5655.00	79.93	1.22	32	5402.13	512.73	512.69	-6.87	512.73	-0.77	9.26	9.06	1.94
54	MWD	5686.00	82.39	0.69	31	5406.89	543.35	543.31	-6.36	543.35	-0.67	8.11	7.94	-1.71
55	MWD	5717.00	85.03	0.78	31	5410.28	574.15	574.12	-5.96	574.15	-0.59	8.52	8.52	0.29
56	MWD	5749.00	88.46	0.34	32	5412.10	606.08	606.06	-5.65	606.09	-0.53	10.81	10.72	-1.38
57	MWD	5780.00	91.19	0.78	31	5412.20	637.07	637.06	-5.35	637.08	-0.48	8.92	8.81	1.42
58	MWD	5874.00	94.35	1.04	94	5407.65	730.91	730.92	-3.86	730.93	-0.30	3.37	3.36	0.28
59	MWD	5969.00	90.92	2.01	95	5403.29	825.72	825.77	-1.33	825.77	-0.09	3.75	-3.61	1.02
60	MWD	6062.00	90.75	1.13	93	5401.93	918.64	918.73	1.22	918.73	0.08	0.96	-0.18	-0.95
61	MWD	6111.00	91.45	0.60	49	5400.99	967.61	967.71	1.96	967.71	0.12	1.79	1.43	-1.08
62	MWD	6173.00	91.28	359.90	62	5399.51	1029.58	1029.69	2.23	1029.70	0.12	1.16	-0.27	579.52
63	MWD	6263.00	89.08	359.72	90	5399.23	1119.57	1119.69	1.93	1119.69	0.10	2.45	-2.44	-0.20
64	MWD	6355.00	90.04	359.11	92	5399.94	1211.56	1211.68	0.99	1211.68	0.05	1.24	1.04	-0.66
65	MWD	6447.00	90.04	359.46	92	5399.87	1303.56	1303.67	-0.16	1303.67	-0.01	0.38	0.00	0.38
66	MWD	6537.00	89.69	359.64	90	5400.09	1393.56	1393.67	-0.86	1393.67	-0.04	0.44	-0.39	0.20
67	MWD	6630.00	90.48	359.28	93	5399.95	1486.56	1486.66	-1.74	1486.66	-0.07	0.93	0.85	-0.39
68	MWD	6721.00	90.57	359.02	91	5399.11	1577.56	1577.65	-3.09	1577.65	-0.11	0.30	0.10	-0.29



DRILTECH MWD SURVEY REPORT

Company: Steward Energy II, LLC
 Well: Say My Name State 006H
 Location: Lea County, NM
 Rig: McVay 5

Job Number: DM-2017-045-SED-T-NM
 Vertical Section Plane: 359.26
 Well API Number: 30-025-43682
 Tie Into: VES Survey International

All Azimuths
 Corrected To: **Grid North**

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N(+) / S(-) (ft)	E(+) / W(-) (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
69	MWD	6813.00	90.13	358.85	92	5398.55	1669.55	1669.63	-4.80	1669.64	-0.16	0.51	-0.48	-0.18
70	MWD	6904.00	89.96	358.93	91	5398.48	1760.55	1760.61	-6.56	1760.63	-0.21	0.21	-0.19	0.09
71	MWD	6998.00	90.92	358.67	94	5397.76	1854.54	1854.59	-8.53	1854.61	-0.26	1.06	1.02	-0.28
72	MWD	7092.00	90.75	359.37	94	5396.39	1948.53	1948.57	-10.14	1948.59	-0.30	0.77	-0.18	0.74
73	MWD	7187.00	90.84	359.28	95	5395.07	2043.52	2043.55	-11.26	2043.58	-0.32	0.13	0.09	-0.09
74	MWD	7280.00	90.84	359.02	93	5393.71	2136.51	2136.53	-12.64	2136.57	-0.34	0.28	0.00	-0.28
75	MWD	7374.00	90.66	359.02	94	5392.48	2230.50	2230.51	-14.25	2230.55	-0.37	0.19	-0.19	0.00
76	MWD	7468.00	89.96	358.58	94	5391.97	2324.50	2324.48	-16.21	2324.54	-0.40	0.88	-0.74	-0.47
77	MWD	7562.00	90.31	358.23	94	5391.75	2418.49	2418.45	-18.83	2418.52	-0.45	0.53	0.37	-0.37
78	MWD	7656.00	91.54	358.41	94	5390.23	2512.46	2512.39	-21.59	2512.49	-0.49	1.32	1.31	0.19
79	MWD	7750.00	91.54	358.49	94	5387.70	2606.42	2606.32	-24.13	2606.44	-0.53	0.09	0.00	0.09
80	MWD	7844.00	91.10	359.72	94	5385.54	2700.39	2700.29	-25.60	2700.41	-0.54	1.39	-0.47	1.31
81	MWD	7939.00	90.13	0.08	95	5384.52	2795.38	2795.28	-25.76	2795.40	-0.53	1.09	-1.02	-378.57
82	MWD	8033.00	90.31	0.16	94	5384.16	2889.37	2889.28	-25.56	2889.39	-0.51	0.21	0.19	0.09
83	MWD	8127.00	90.48	359.90	94	5383.51	2983.36	2983.28	-25.52	2983.38	-0.49	0.33	0.18	382.70
84	MWD	8222.00	90.66	359.81	95	5382.56	3078.35	3078.27	-25.76	3078.38	-0.48	0.21	0.19	-0.09
85	MWD	8316.00	89.78	359.46	94	5382.20	3172.34	3172.27	-26.35	3172.38	-0.48	1.01	-0.94	-0.37
86	MWD	8411.00	89.87	359.37	95	5382.49	3267.34	3267.26	-27.32	3267.38	-0.48	0.13	0.09	-0.09
87	MWD	8505.00	90.13	359.37	94	5382.49	3361.34	3361.26	-28.36	3361.38	-0.48	0.28	0.28	0.00
88	MWD	8599.00	90.48	359.64	94	5381.99	3455.34	3455.25	-29.17	3455.37	-0.48	0.47	0.37	0.29
89	MWD	8693.00	90.40	359.02	94	5381.27	3549.34	3549.24	-30.27	3549.37	-0.49	0.67	-0.09	-0.66
90	MWD	8788.00	90.13	359.02	95	5380.83	3644.33	3644.23	-31.89	3644.37	-0.50	0.28	-0.28	0.00
91	MWD	8882.00	90.75	359.46	94	5380.11	3738.33	3738.21	-33.14	3738.36	-0.51	0.81	0.66	0.47
92	MWD	8977.00	90.40	359.02	95	5379.16	3833.33	3833.20	-34.40	3833.35	-0.51	0.59	-0.37	-0.46
93	MWD	9071.00	91.28	358.85	94	5377.78	3927.31	3927.17	-36.15	3927.34	-0.53	0.95	0.94	-0.18
94	MWD	9165.00	91.54	358.49	94	5375.47	4021.28	4021.12	-38.33	4021.30	-0.55	0.47	0.28	-0.38
95	MWD	9259.00	90.57	358.93	94	5373.73	4115.26	4115.08	-40.44	4115.28	-0.56	1.13	-1.03	0.47
96	MWD	9353.00	90.57	358.49	94	5372.80	4209.25	4209.05	-42.56	4209.26	-0.58	0.47	0.00	-0.47
97	MWD	9448.00	90.13	357.79	95	5372.22	4304.23	4304.00	-45.64	4304.24	-0.61	0.87	-0.46	-0.74
98	MWD	9541.00	90.31	358.76	93	5371.86	4397.21	4396.95	-48.44	4397.22	-0.63	1.06	0.19	1.04
99	MWD	9636.00	90.13	358.85	95	5371.50	4492.21	4491.93	-50.42	4492.21	-0.64	0.21	-0.19	0.09
100	MWD	9730.00	91.01	359.28	94	5370.56	4586.20	4585.91	-51.96	4586.21	-0.65	1.04	0.94	0.46
101	MWD	9824.00	91.10	358.76	94	5368.83	4680.18	4679.88	-53.57	4680.19	-0.66	0.56	0.10	-0.55
102	MWD	9919.00	91.28	359.02	95	5366.86	4775.16	4774.84	-55.41	4775.17	-0.66	0.33	0.19	0.27
103	MWD	10013.00	91.28	359.02	94	5364.76	4869.14	4868.81	-57.01	4869.14	-0.67	0.00	0.00	0.00
104	MWD	10091.00	90.84	358.85	78	5363.32	4947.12	4946.78	-58.46	4947.13	-0.68	0.60	-0.56	-0.22



DRILTECH MWD SURVEY REPORT

Company: Steward Energy II, LLC
Well: Say My Name State 006H
Location: Lea County, NM
Rig: McVay 5

Job Number: DM-2017-045-SED-T-NM
Vertical Section Plane: 359.26
Well API Number: 30-025-43682
Tie Into: VES Survey International

All Azimuths
Corrected To: **Grid North**

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N(+) / S(-) (ft)	E(+)/W(-) (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
105	PTB	10158.00	90.84	358.85	67	5362.33	5014.11	5013.76	-59.81	5014.12	-0.68	0.00	0.00	0.00