

HALLIBURTON

3950 Interwood South Pkwy Houston, TX 77032
Phone 281-986-4416 Fax 281-986-4499

July 13, 2012

30 015 39416

Devon Energy Production, Co
Attn: Judy Barnett
20 N. Broadway
Oklahoma City, Ok
73102

Final Survey for:
Well Name: Capella 14 Fed Com 1H
County: Eddy County, NM
Rig Name: McVay 10
Sperry Job #: 9456824

Judy Barnett

Enclosed you will find the following survey information on the above referenced well:

- 0 Survey Report(s)
- 0 MWD End of Well Report(s)

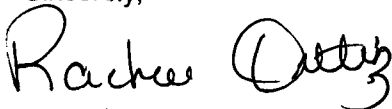
2 Certified Letters for New Mexico NMOCD

We appreciate the opportunity to serve you and welcome any comments or suggestions that you may have regarding our service. You may contact your local sales representative, **Ryan Annesley @ 405-231-1868**

Should you have any questions or require additional information regarding the enclosed information, please do not hesitate to contact me at (281) 986-4400.

Once again, we thank you for your business.

Sincerely,



Rachell Ortiz
Sperry Drilling Services

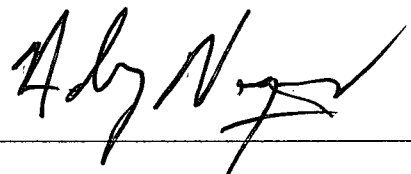
HALLIBURTON

14103 Interwood S. Parkway • Houston, TX 77032

PHONE 281.986.4400 • FAX 281.986.4499

State of New Mexico, Eddy County

I, Andy Naquin, certify that I am employed by Halliburton Energy Services, Inc. (AKA Sperry Drilling) and that on the dates of 21 June 2012 through 03 July 2012, I did conduct or supervise the taking of MWD directional surveys for the well Capella 14 Fed Com 1H from a depth of 8286' MD to a depth of 13622' MD. This data is true, correct, complete and within the limitations of the tools as set forth by Halliburton Energy Services, Inc. (AKA Sperry Drilling). I am authorized and qualified to make this report and this survey which was conducted at the request of Devon Energy for the well of Capella 14 Fed Com 1H API No. 30-015-39416-0000 in Eddy County, New Mexico. I have reviewed this report and find that it confirms to the principles and procedures as set forth by Halliburton Energy Services, Inc. (AKA Sperry Drilling).



Field Engineer

Devon Energy
Capella 14 Fed Com 1H
Eddy County, NM
McVay 10
API# 30-015-39416-0000

June 21, 2012 – July 03, 2012
HD-MJ-0009456824

Sperry Drilling Services
MWD Survey Report

Submitted by Andy Naquin
3950 Interwood South Parkway
Houston, TX 77032
Ph: 281.986.4400

HALLIBURTON

Drilling and Formation
Evaluation

Survey Report for Devon Energy

Rig:	McVay 10
Well Name:	Capella 14 Fed Com 1H
Field Name:	Hackberry, Sandstone
Country:	U.S.A.
Job Number:	HD-XX-0009456824
Job Start Date:	21-Jun-12
API Number:	30-015-39416-0000

Table of Contents

1. Directional Survey Data

Directional Survey Data

Tie-in

0.00

0.00

0.00

0.00

0.00 N

0.00 E

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100')
87.90	0.30	174.67	87.90	0.23 S	0.02 E	0.23	0.34
173.30	0.62	164.78	173.30	0.90 S	0.16 E	0.90	0.38
267.60	0.34	162.87	267.59	1.66 S	0.38 E	1.66	0.30
361.90	0.38	156.66	361.89	2.21 S	0.59 E	2.22	0.06
456.30	0.10	137.98	456.29	2.56 S	0.77 E	2.57	0.30
550.60	0.18	164.61	550.59	2.76 S	0.86 E	2.77	0.11
645.00	0.14	246.21	644.99	2.95 S	0.79 E	2.96	0.22
739.40	0.03	251.41	739.39	3.01 S	0.66 E	3.01	0.12
833.70	0.25	39.49	833.69	2.86 S	0.77 E	2.86	0.29
928.00	0.33	93.59	927.99	2.72 S	1.17 E	2.72	0.29
1022.40	0.45	154.25	1,022.39	3.07 S	1.61 E	3.08	0.43
1116.80	0.27	133.12	1,116.79	3.55 S	1.93 E	3.57	0.23
1211.10	0.33	84.18	1,211.08	3.68 S	2.36 E	3.69	0.27
1305.50	0.77	110.05	1,305.48	3.87 S	3.23 E	3.89	0.52
1399.80	1.17	82.23	1,399.77	3.95 S	4.78 E	3.99	0.64
1494.20	0.54	126.35	1,494.16	4.09 S	6.09 E	4.13	0.92
1588.50	1.44	81.09	1,588.44	4.17 S	7.62 E	4.22	1.20
1682.80	2.40	74.15	1,682.69	3.44 S	10.69 E	3.52	1.05
1777.20	3.76	75.54	1,776.95	2.13 S	15.59 E	2.25	1.44
1871.60	4.26	78.49	1,871.12	0.66 S	22.02 E	0.82	0.57
1965.90	4.08	78.28	1,965.17	0.72 N	28.74 E	-0.51	0.19
2060.30	4.09	78.84	2,059.33	2.06 N	35.33 E	-1.80	0.04
2154.60	4.02	75.55	2,153.39	3.53 N	41.83 E	-3.22	0.26
2248.90	4.13	75.03	2,247.45	5.23 N	48.31 E	-4.88	0.12
2343.30	3.28	72.94	2,341.66	6.90 N	54.18 E	-6.51	0.91
2437.70	2.43	69.50	2,435.94	8.40 N	58.63 E	-7.97	0.92
2532.00	1.93	63.42	2,530.17	9.81 N	61.92 E	-9.35	0.58
2626.30	1.79	60.43	2,624.42	11.24 N	64.63 E	-10.77	0.18
2720.70	1.36	54.58	2,718.78	12.62 N	66.82 E	-12.13	0.49
2815.10	1.21	61.35	2,813.16	13.75 N	68.61 E	-13.25	0.23
2909.40	0.87	54.27	2,907.45	14.64 N	70.06 E	-14.13	0.38
3003.80	0.40	54.36	3,001.84	15.25 N	70.91 E	-14.73	0.50
3098.10	0.33	54.28	3,096.14	15.60 N	71.40 E	-15.08	0.07
3192.40	0.13	57.50	3,190.44	15.82 N	71.71 E	-15.29	0.21
3286.80	0.10	316.03	3,284.84	15.94 N	71.75 E	-15.41	0.19
3381.20	0.24	297.61	3,379.24	16.09 N	71.51 E	-15.56	0.16
3475.50	0.30	281.59	3,473.54	16.23 N	71.10 E	-15.71	0.10
3569.80	0.32	265.10	3,567.83	16.26 N	70.59 E	-15.74	0.10
3664.20	0.42	288.12	3,662.23	16.34 N	70.00 E	-15.83	0.19
3758.60	0.45	295.78	3,756.63	16.61 N	69.34 E	-16.10	0.07
3852.90	0.50	309.60	3,850.93	17.03 N	68.69 E	-16.53	0.13
3947.30	0.59	328.78	3,945.32	17.71 N	68.12 E	-17.21	0.21

Directional Survey Data

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100)
4041.60	0.64	323.09	4,039.62	18.55 N	67.55 E	-18.05	0.08
4135.90	0.49	312.09	4,133.91	19.24 N	66.93 E	-18.75	0.20
4230.30	0.31	308.75	4,228.31	19.67 N	66.44 E	-19.18	0.19
4324.60	0.26	300.53	4,322.61	19.94 N	66.05 E	-19.45	0.07
4419.00	0.14	255.76	4,417.01	20.02 N	65.76 E	-19.54	0.20
4513.40	0.48	250.00	4,511.41	19.86 N	65.27 E	-19.38	0.36
4607.70	0.32	264.40	4,605.70	19.69 N	64.64 E	-19.22	0.20
4702.10	0.29	263.10	4,700.10	19.64 N	64.14 E	-19.17	0.03
4796.40	0.22	248.93	4,794.40	19.55 N	63.73 E	-19.08	0.10
4890.80	0.29	214.93	4,888.80	19.29 N	63.43 E	-18.82	0.17
4985.10	0.51	239.51	4,983.10	18.88 N	62.93 E	-18.42	0.29
5079.40	0.77	238.35	5,077.39	18.33 N	62.03 E	-17.88	0.28
5173.80	1.00	248.92	5,171.78	17.70 N	60.72 E	-17.26	0.30
5268.10	1.15	256.19	5,266.06	17.18 N	59.03 E	-16.75	0.21
5362.50	1.17	262.63	5,360.45	16.83 N	57.16 E	-16.41	0.14
5456.90	1.34	267.58	5,454.82	16.66 N	55.10 E	-16.26	0.21
5551.20	1.29	273.89	5,549.10	16.69 N	52.94 E	-16.30	0.16
5645.60	1.21	275.42	5,643.48	16.85 N	50.89 E	-16.48	0.09
5739.90	1.25	276.03	5,737.75	17.05 N	48.87 E	-16.70	0.04
5834.30	1.09	264.40	5,832.13	17.07 N	46.95 E	-16.73	0.30
5928.60	1.05	281.30	5,926.42	17.16 N	45.21 E	-16.82	0.34
6022.90	1.00	272.89	6,020.70	17.37 N	43.55 E	-17.05	0.17
6117.30	0.92	260.29	6,115.09	17.28 N	41.98 E	-16.97	0.24
6211.60	0.91	262.12	6,209.38	17.05 N	40.49 E	-16.75	0.03
6306.00	0.89	226.04	6,303.77	16.44 N	39.22 E	-16.15	0.59
6400.40	0.90	281.06	6,398.16	16.07 N	37.96 E	-15.79	0.88
6494.70	0.82	303.42	6,492.45	16.59 N	36.67 E	-16.32	0.36
6589.10	0.66	293.46	6,586.84	17.17 N	35.61 E	-16.91	0.22
6683.40	0.60	287.72	6,681.13	17.54 N	34.64 E	-17.29	0.09
6777.80	0.60	298.25	6,775.53	17.93 N	33.73 E	-17.68	0.12
6872.10	0.55	325.68	6,869.82	18.53 N	33.04 E	-18.29	0.29
6966.40	0.75	326.99	6,964.12	19.42 N	32.45 E	-19.19	0.21
7060.80	0.84	335.25	7,058.51	20.57 N	31.83 E	-20.34	0.15
7155.10	0.84	351.09	7,152.80	21.88 N	31.43 E	-21.65	0.25
7249.50	0.57	350.51	7,247.19	23.03 N	31.25 E	-22.80	0.29
7343.90	0.54	352.80	7,341.59	23.93 N	31.11 E	-23.70	0.04
7438.20	0.44	332.06	7,435.88	24.69 N	30.89 E	-24.47	0.21
7532.60	0.31	44.10	7,530.28	25.20 N	30.90 E	-24.97	0.48
7626.90	0.99	62.11	7,624.57	25.76 N	31.79 E	-25.53	0.74
7721.30	1.39	115.10	7,718.96	25.66 N	33.55 E	-25.41	1.19
7815.60	1.47	126.29	7,813.23	24.46 N	35.56 E	-24.19	0.31
7909.90	1.47	129.39	7,907.50	22.97 N	37.47 E	-22.70	0.08
8004.30	1.59	132.76	8,001.86	21.31 N	39.37 E	-21.03	0.16
8098.60	1.77	124.56	8,096.12	19.60 N	41.53 E	-19.30	0.32
8193.00	1.42	92.93	8,190.49	18.71 N	43.90 E	-18.39	0.99

Directional Survey Data

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100)
8248.00	1.53	84.64	8,245.47	18.75 N	45.31 E	-18.41	0.44
8286.00	1.30	88.64	8,283.46	18.81 N	46.25 E	-18.47	0.65
8318.00	2.16	100.57	8,315.44	18.70 N	47.20 E	-18.36	2.89
8349.00	5.57	90.10	8,346.37	18.59 N	49.28 E	-18.23	11.19
8381.00	8.79	92.38	8,378.11	18.49 N	53.28 E	-18.10	10.11
8412.00	11.32	90.75	8,408.64	18.35 N	58.69 E	-17.92	8.21
8444.00	15.24	92.10	8,439.77	18.16 N	66.03 E	-17.67	12.30
8475.00	17.37	92.98	8,469.52	17.76 N	74.73 E	-17.22	6.90
8507.00	21.01	93.09	8,499.74	17.21 N	85.23 E	-16.58	11.37
8538.00	23.96	95.96	8,528.38	16.25 N	97.04 E	-15.54	10.15
8570.00	25.85	100.36	8,557.41	14.32 N	110.37 E	-13.51	8.28
8602.00	28.55	101.08	8,585.87	11.60 N	124.74 E	-10.69	8.49
8633.00	31.41	101.18	8,612.72	8.61 N	139.93 E	-7.58	9.24
8665.00	34.73	101.44	8,639.53	5.18 N	157.05 E	-4.03	10.38
8696.00	37.99	100.82	8,664.49	1.64 N	175.09 E	-0.35	10.58
8728.00	41.31	101.21	8,689.12	2.27 S	195.13 E	3.70	10.40
8759.00	45.86	100.30	8,711.57	6.25 S	216.12 E	7.83	14.82
8791.00	48.37	101.89	8,733.35	10.76 S	239.12 E	12.51	8.65
8822.00	48.21	104.66	8,753.98	16.07 S	261.64 E	17.99	6.69
8853.00	47.86	109.26	8,774.71	22.79 S	283.68 E	24.87	11.10
8885.00	48.32	113.25	8,796.09	31.42 S	305.86 E	33.66	9.39
8917.00	49.79	116.41	8,817.07	41.58 S	327.79 E	43.98	8.75
8948.00	51.55	119.91	8,836.72	52.90 S	348.92 E	55.45	10.43
8979.00	52.03	122.06	8,855.89	65.44 S	369.80 E	68.15	5.66
9011.00	52.60	126.37	8,875.46	79.68 S	390.73 E	82.54	10.80
9042.00	52.99	129.35	8,894.21	94.83 S	410.22 E	97.83	7.75
9074.00	53.25	133.76	8,913.42	111.80 S	429.36 E	114.94	11.05
9105.00	53.26	136.72	8,931.97	129.43 S	446.85 E	132.71	7.66
9136.00	53.60	139.61	8,950.44	147.98 S	463.45 E	151.37	7.56
9168.00	54.59	141.65	8,969.21	168.02 S	479.89 E	171.53	6.03
9199.00	55.62	143.45	8,986.94	188.20 S	495.35 E	191.83	5.80
9231.00	58.04	147.65	9,004.46	210.29 S	510.49 E	214.02	13.36
9262.00	59.51	151.76	9,020.53	233.17 S	523.85 E	237.01	12.28
9294.00	61.59	154.30	9,036.27	258.01 S	536.48 E	261.93	9.48
9325.00	64.26	156.14	9,050.38	283.06 S	548.04 E	287.07	10.09
9356.00	66.91	158.59	9,063.19	309.11 S	558.90 E	313.20	11.19
9390.00	69.85	161.27	9,075.72	338.80 S	569.73 E	342.97	11.34
9420.00	71.59	163.78	9,085.63	365.81 S	578.23 E	370.04	9.82
9451.00	73.54	167.11	9,094.91	394.43 S	585.66 E	398.71	12.02
9483.00	75.77	168.79	9,103.38	424.61 S	592.10 E	428.94	8.59
9514.00	78.19	171.67	9,110.37	454.37 S	597.22 E	458.73	11.97
9546.00	80.81	174.47	9,116.20	485.59 S	601.01 E	489.99	11.85
9577.00	83.67	176.52	9,120.39	516.21 S	603.42 E	520.62	11.32
9603.00	86.26	178.01	9,122.67	542.08 S	604.66 E	546.50	11.51
9672.00	90.03	180.78	9,124.90	611.02 S	605.38 E	615.44	6.77

Directional Survey Data

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100)
9766.00	89.29	181.56	9,125.46	705.00 S	603.47 E	709.40	1.14
9862.00	89.72	180.41	9,126.29	800.98 S	601.82 E	805.37	1.28
9956.00	90.15	180.53	9,126.39	894.97 S	601.05 E	899.36	0.48
10050.00	90.40	179.06	9,125.93	988.97 S	601.39 E	993.35	1.59
10145.00	91.24	180.23	9,124.58	1,083.96 S	601.98 E	1088.34	1.52
10239.00	91.33	180.31	9,122.47	1,177.93 S	601.54 E	1182.31	0.13
10333.00	91.94	180.47	9,119.79	1,271.89 S	600.89 E	1276.26	0.68
10428.00	91.70	180.36	9,116.78	1,366.84 S	600.20 E	1371.20	0.29
10522.00	90.83	180.56	9,114.70	1,460.81 S	599.46 E	1465.17	0.94
10616.00	89.75	181.56	9,114.22	1,554.79 S	597.72 E	1559.13	1.57
10711.00	88.73	180.96	9,115.48	1,649.76 S	595.63 E	1654.08	1.25
10805.00	88.30	180.72	9,117.91	1,743.72 S	594.25 E	1748.03	0.52
10899.00	89.85	178.51	9,119.43	1,837.69 S	594.88 E	1842.01	2.87
10994.00	92.44	177.89	9,117.53	1,932.62 S	597.86 E	1936.95	2.81
11089.00	90.49	178.86	9,115.10	2,027.55 S	600.56 E	2031.89	2.29
11183.00	91.08	177.44	9,113.81	2,121.48 S	603.60 E	2125.85	1.63
11278.00	90.19	178.93	9,112.76	2,216.43 S	606.60 E	2220.82	1.83
11373.00	89.07	179.36	9,113.37	2,311.41 S	608.02 E	2315.81	1.26
11467.00	89.51	179.71	9,114.54	2,405.40 S	608.77 E	2409.80	0.59
11561.00	89.07	179.53	9,115.70	2,499.39 S	609.39 E	2503.79	0.50
11656.00	88.30	179.01	9,117.87	2,594.36 S	610.60 E	2598.77	0.98
11751.00	89.72	178.99	9,119.51	2,689.33 S	612.25 E	2693.75	1.49
11845.00	89.97	179.25	9,119.76	2,783.32 S	613.70 E	2787.74	0.38
11940.00	89.54	178.96	9,120.17	2,878.30 S	615.18 E	2882.74	0.54
12034.00	89.23	180.39	9,121.18	2,972.29 S	615.72 E	2976.73	1.55
12129.00	89.57	180.05	9,122.18	3,067.29 S	615.35 E	3071.72	0.50
12223.00	90.25	181.40	9,122.33	3,161.28 S	614.16 E	3165.70	1.60
12317.00	89.60	183.03	9,122.46	3,255.20 S	610.52 E	3259.59	1.87
12412.00	89.51	182.59	9,123.20	3,350.09 S	605.86 E	3354.44	0.48
12506.00	89.72	180.27	9,123.84	3,444.05 S	603.51 E	3448.38	2.47
12601.00	89.91	180.14	9,124.14	3,539.05 S	603.17 E	3543.37	0.24
12695.00	90.37	180.39	9,123.91	3,633.05 S	602.74 E	3637.37	0.56
12789.00	88.27	180.17	9,125.03	3,727.03 S	602.27 E	3731.35	2.25
12884.00	89.72	180.13	9,126.69	3,822.02 S	602.02 E	3826.33	1.53
12978.00	88.49	178.94	9,128.16	3,916.00 S	602.79 E	3920.31	1.82
13073.00	88.70	179.09	9,130.49	4,010.95 S	604.42 E	4015.28	0.28
13167.00	88.33	179.59	9,132.92	4,104.92 S	605.51 E	4109.25	0.66
13261.00	88.39	178.60	9,135.61	4,198.86 S	606.99 E	4203.20	1.06
13356.00	87.13	178.58	9,139.32	4,293.76 S	609.33 E	4298.11	1.33
13450.00	87.34	178.06	9,143.85	4,387.61 S	612.08 E	4391.98	0.60
13544.00	87.13	177.71	9,148.39	4,481.44 S	615.54 E	4485.83	0.44
13622.00	85.86	178.92	9,153.16	4,559.26 S	617.83 E	4563.66	2.25
13679.00	85.86	178.92	9,157.27	4,616.10 S	618.90 E	4620.51	0.00

DIRECTIONAL SURVEY DATA NOTES

- Calculation based on minimum curvature method.
- Survey coordinates relative to well system reference point.
- TVD values given relative to drilling measurement point.
- Vertical section relative to well head.
- Vertical section is computed along a direction of 179.58 degrees (Grid)
- A total correction of 7.44 deg from Magnetic north to Grid north has been applied
- Horizontal displacement is relative to the well head.
- Horizontal displacement (closure) at 13,679.00 feet is 4,657.40 feet along 172.36 degrees (Grid)

SURVEYS CALCULATED USING SHORT COLLAR METHOD

TIE-ON SURVEY ASSUMED VERTICAL AT SURFACE

SURVEYS FROM 87.90' MD TO 8248.00' MD ARE PROVIDED BY GYRO DATA.

SURVEYS FROM 8286.00' MD TO 13622.00' MD ARE PROVIDED BY SPERRY DRILLING MWD

SURVEY AT 13622.00' MD HAS BEEN PROJECTED TO TD AT 13679.00' MD

SPERRY ENGINEERS: ANDY NAQUIN, KENNETH MARSHALL

WARRANTY

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