



Weatherford®

Evaluation, Drilling & Intervention

10000 West County Rd. 116

P.O. Box 61028

Midland, TX USA 79711

Tel. (432) 561-8892 Fax (432) 561-8895

30-015-41007

Devon Energy
333 W. Sherridan Ave
Oklahoma City, OK, 73102

Date: April 17, 2013

Attention: Spencer Stuart

Re: Devon Energy
Well: Diamond PWU 22 #7H
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Justin Edwards MWD Supervisor	7H	6401' MD 11941' MD	4/6/2013 4/16/2013	Measurement While Drilling

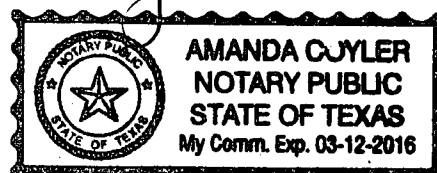
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
MWD Coordinator

On this, the 23rd day of April, 2013, before me a notary public, the undersigned officer, personally appeared Jesse Aguilar, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Amanda Cuyler
Notary Public





Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #7H
Well: Diamond PWU 22 #7H
Wellpath: 1

Date: 4/16/2013 Time: 05:46:01 Page: 1
Co-ordinate(NE) Reference: Well: Diamond PWU 22 #7H, Grid North
Vertical (TVD) Reference: SITE 3349.5
Section (VS) Reference: Well (0.00N,0.00E,92.71Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy Start Date: 4/8/2013

Company: Weatherford Engineer: Russell W. Joyner
Tool: MWD;MWD - Standard Tied-to: User Defined

Site: Diamond PWU 22 #7H

Site Position: Northing: 598281.14 ft Latitude: 32 38 40.010 N
From: Map Easting: 621835.74 ft Longitude: 104 4 18.517 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3331.50 ft Grid Convergence: 0.14 deg

Well: Diamond PWU 22 #7H Slot Name:

Well Position: +N/-S 0.00 ft Northing: 598281.14 ft Latitude: 32 38 40.010 N
+E/-W 0.00 ft Easting: 621835.74 ft Longitude: 104 4 18.517 W
Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
Tie-on Depth: 0.00 ft
Current Datum: SITE Height 3349.50 ft Above System Datum: Mean Sea Level
Magnetic Data: 4/6/2013 Declination: 7.63 deg
Field Strength: 48659 nT Mag Dip Angle: 60.45 deg
Vertical Section: Depth From (TVD) +N/-S Direction
ft ft deg
0.00 0.00 0.00 92.71

Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
6300.00	0.31	146.76	6298.50	1.26	-54.50	0.00	-54.50	598282.40	621781.24	Tie On Ves First Wft Svy
6401.00	1.49	263.15	6399.49	0.87	-55.65	1.63	-55.63	598282.01	621780.09	
6433.00	1.66	262.58	6431.47	0.77	-56.53	0.53	-56.50	598281.91	621779.21	
6464.00	1.39	246.44	6462.46	0.56	-57.32	1.63	-57.28	598281.70	621778.42	
6495.00	2.17	139.81	6493.45	-0.04	-57.28	9.33	-57.22	598281.10	621778.46	
6527.00	5.96	120.05	6525.37	-1.34	-55.45	12.46	-55.33	598279.80	621780.29	
6558.00	9.85	115.79	6556.07	-3.30	-51.67	12.68	-51.46	598277.84	621784.07	
6590.00	13.75	113.06	6587.39	-5.98	-45.70	12.31	-45.37	598275.16	621790.04	
6621.00	16.88	113.37	6617.28	-9.21	-38.18	10.10	-37.70	598271.93	621797.56	
6653.00	19.75	113.51	6647.66	-13.21	-28.96	8.97	-28.30	598267.93	621806.78	
6685.00	21.60	117.04	6677.60	-18.04	-18.75	6.97	-17.88	598263.10	621816.99	
6716.00	24.00	120.33	6706.17	-23.82	-8.23	8.76	-7.09	598257.32	621827.51	
6747.00	26.84	120.75	6734.17	-30.59	3.23	9.18	4.67	598250.55	621838.97	
6779.00	30.04	118.97	6762.30	-38.16	16.45	10.34	18.24	598242.98	621852.19	
6810.00	33.25	117.94	6788.69	-45.90	30.75	10.50	32.89	598235.24	621866.49	
6842.00	36.82	116.60	6814.89	-54.31	47.08	11.41	49.60	598226.83	621882.82	
6874.00	40.15	115.40	6839.93	-63.03	64.98	10.66	67.89	598218.11	621900.72	
6906.00	43.68	114.72	6863.74	-72.08	84.34	11.12	87.66	598209.06	621920.08	
6937.00	47.26	114.43	6885.48	-81.27	104.44	11.57	108.16	598199.87	621940.18	
6969.00	50.19	114.54	6906.59	-91.23	126.32	9.16	130.49	598189.91	621962.06	
7000.00	53.16	114.51	6925.81	-101.33	148.45	9.58	153.07	598179.81	621984.19	
7032.00	56.62	114.35	6944.21	-112.15	172.28	10.82	177.39	598168.99	622008.02	
7063.00	60.42	114.32	6960.40	-123.04	196.36	12.26	201.96	598158.10	622032.10	
7095.00	64.72	114.24	6975.13	-134.72	222.24	13.44	228.37	598146.42	622057.98	
7127.00	68.97	114.70	6987.71	-146.91	249.02	13.35	255.68	598134.23	622084.76	
7158.00	73.17	114.17	6997.77	-159.03	275.71	13.64	282.92	598122.11	622111.45	
7190.00	76.79	113.70	7006.06	-171.57	303.95	11.40	311.72	598109.57	622139.69	
7221.00	80.10	111.58	7012.27	-183.25	331.98	12.60	340.27	598097.89	622167.72	
7253.00	81.43	108.76	7017.41	-194.14	361.62	9.64	370.40	598087.00	622197.36	
7285.00	82.00	106.02	7022.02	-203.60	391.84	8.66	401.03	598077.54	622227.58	



Weatherford

WFT Survey Report X & Y's



Weatherford

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #7H
Well: Diamond PWU 22 #7H
Wellpath: 1

Date: 4/16/2013 Time: 05:46:01 Page: 2
Co-ordinate(NE) Reference: Well: Diamond PWU 22 #7H, Grid North
Vertical (TVD) Reference: SITE 3349.5
Section (VS) Reference: Well (0.00N,0.00E,92.71Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
7316.00	82.85	102.59	7026.11	-211.19	421.61	11.31	431.13	598069.95	622257.35	
7348.00	83.97	99.22	7029.78	-217.21	452.82	11.03	462.59	598063.93	622288.56	
7380.00	84.47	95.62	7033.00	-221.32	484.39	11.30	494.31	598059.82	622320.13	
7411.00	86.36	92.97	7035.48	-223.63	515.20	10.48	525.19	598057.51	622350.94	
7443.00	87.48	91.63	7037.20	-224.91	547.12	5.45	557.15	598056.23	622382.86	
7474.00	87.20	89.96	7038.64	-225.34	578.09	5.46	588.09	598055.80	622413.83	
7506.00	87.06	89.55	7040.24	-225.20	610.05	1.35	620.01	598055.94	622445.79	
7538.00	87.13	89.77	7041.86	-225.02	642.00	0.72	651.93	598056.12	622477.74	
7600.00	87.62	90.74	7044.70	-225.29	703.94	1.75	713.80	598055.85	622539.68	
7696.00	87.27	91.17	7048.98	-226.89	799.83	0.58	809.66	598054.25	622635.57	
7791.00	87.48	90.44	7053.33	-228.22	894.72	0.80	904.51	598052.92	622730.46	
7887.00	88.74	89.59	7056.50	-228.25	990.66	1.58	1000.35	598052.89	622826.40	
7981.00	88.39	89.34	7058.85	-227.37	1084.63	0.46	1094.17	598053.77	622920.37	
8077.00	89.44	89.82	7060.67	-226.67	1180.61	1.20	1190.01	598054.47	623016.35	
8173.00	89.30	90.10	7061.73	-226.60	1276.60	0.33	1285.89	598054.54	623112.34	
8268.00	88.81	90.44	7063.29	-227.05	1371.59	0.63	1380.79	598054.09	623207.33	
8364.00	88.53	91.12	7065.52	-228.35	1467.55	0.77	1476.71	598052.79	623303.29	
8459.00	89.02	90.58	7067.55	-229.76	1562.52	0.77	1571.64	598051.38	623398.26	
8554.00	89.09	88.79	7069.12	-229.24	1657.50	1.89	1666.49	598051.90	623493.24	
8649.00	89.65	89.47	7070.16	-227.80	1752.48	0.93	1761.29	598053.34	623588.22	
8743.00	90.00	90.67	7070.45	-227.91	1846.48	1.33	1855.19	598053.23	623682.22	
8837.00	89.86	90.92	7070.57	-229.22	1940.47	0.30	1949.14	598051.92	623776.21	
8932.00	89.37	90.97	7071.20	-230.78	2035.46	0.52	2044.09	598050.36	623871.20	
9027.00	88.95	91.52	7072.60	-232.85	2130.42	0.73	2139.05	598048.29	623966.16	
9122.00	89.30	90.75	7074.05	-234.73	2225.39	0.89	2234.00	598046.41	624061.13	
9217.00	88.67	90.17	7075.73	-235.49	2320.37	0.90	2328.91	598045.65	624156.11	
9311.00	89.37	90.13	7077.34	-235.74	2414.36	0.75	2422.81	598045.40	624250.10	
9406.00	88.39	90.17	7079.20	-235.99	2509.34	1.03	2517.69	598045.15	624345.08	
9500.00	87.97	90.10	7082.18	-236.21	2603.29	0.45	2611.55	598044.93	624439.03	
9595.00	88.11	89.33	7085.43	-235.74	2698.24	0.82	2706.36	598045.40	624533.98	
9690.00	87.97	88.61	7088.68	-234.03	2793.16	0.77	2801.10	598047.11	624628.90	
9784.00	90.63	89.04	7089.83	-232.10	2887.13	2.87	2894.87	598049.04	624722.87	
9879.00	91.75	89.20	7087.85	-230.64	2982.09	1.19	2989.66	598050.50	624817.83	
9973.00	93.92	90.36	7083.21	-230.28	3075.97	2.62	3083.42	598050.86	624911.71	
10068.00	93.99	90.24	7076.65	-230.78	3170.74	0.15	3178.11	598050.36	625006.48	
10162.00	92.38	90.14	7071.43	-231.09	3264.60	1.72	3271.87	598050.05	625100.34	
10257.00	91.75	90.22	7068.01	-231.39	3359.53	0.67	3366.72	598049.75	625195.27	
10352.00	92.03	91.26	7064.87	-232.61	3454.47	1.13	3461.61	598048.53	625290.21	
10446.00	90.14	90.09	7063.09	-233.72	3548.44	2.36	3555.52	598047.42	625384.18	
10541.00	88.67	89.37	7064.08	-233.27	3643.43	1.72	3650.39	598047.87	625479.17	
10635.00	87.97	89.42	7066.84	-232.28	3737.39	0.75	3744.19	598048.86	625573.13	
10730.00	88.95	89.87	7069.39	-231.69	3832.35	1.14	3839.02	598049.45	625668.09	
10825.00	89.72	91.16	7070.49	-232.55	3927.34	1.58	3933.94	598048.59	625763.08	
10919.00	90.70	91.58	7070.15	-234.79	4021.31	1.13	4027.91	598046.35	625857.05	
11014.00	90.35	91.09	7069.28	-237.01	4116.28	0.63	4122.88	598044.13	625952.02	
11109.00	89.23	90.86	7069.63	-238.62	4211.26	1.20	4217.83	598042.52	626047.00	
11204.00	88.67	88.20	7071.37	-237.84	4306.23	2.86	4312.66	598043.30	626141.97	
11299.00	89.65	87.15	7072.76	-233.99	4401.14	1.51	4407.28	598047.15	626236.88	
11393.00	89.72	87.30	7073.28	-229.44	4495.03	0.18	4500.85	598051.70	626330.77	
11488.00	90.00	87.83	7073.51	-225.40	4589.94	0.63	4595.47	598055.74	626425.68	
11582.00	91.19	88.59	7072.53	-222.47	4683.89	1.50	4689.17	598058.67	626519.63	
11676.00	92.03	89.42	7069.89	-220.84	4777.84	1.26	4782.94	598060.30	626613.58	



Weatherford

WFT Survey Report X & Y's



Company: Devon Energy	Date: 4/16/2013	Time: 05:46:01	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: Diamond PWU 22 #7H, Grid North		
Site: Diamond PWU 22 #7H	Vertical (TVD) Reference: SITE 3349.5		
Well: Diamond PWU 22 #7H	Section (VS) Reference: Well (0.00N,0.00E,92.71Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature		Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
11771.00	91.68	89.18	7066.82	-219.68	4872.78	0.45	4877.72	598061.46	626708.52	
11866.00	91.19	89.37	7064.44	-218.47	4967.74	0.55	4972.52	598062.67	626803.48	
11941.00	90.77	89.47	7063.15	-217.72	5042.73	0.58	5047.38	598063.42	626878.47	Last Wft Svy
12018.00	90.77	89.47	7062.12	-217.00	5119.72	0.00	5124.25	598064.14	626955.46	Proj. To Bit

Annotation

MD ft	TVD ft	
6300.00	6298.50	Tie On Ves
6401.00	6399.49	First Wft Svy
11941.00	7063.15	Last Wft Svy
12018.00	7062.12	Proj. To Bit

devon

Diamond PWU 22 #7H
Eddy Co., NM



KB ELEV: 3349.5
GL ELEV: 3331.5

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	10446.00	90.14	90.09	7063.09	-233.72	3548.44	0.00	0.00	3555.52	
2	10461.15	89.75	90.32	7063.11	-233.77	3563.59	3.00	150.08	3570.66	
3	12016.41	89.75	90.32	7070.00	-242.37	5118.81	0.00	0.00	5124.54	PBHL

SITE DETAILS

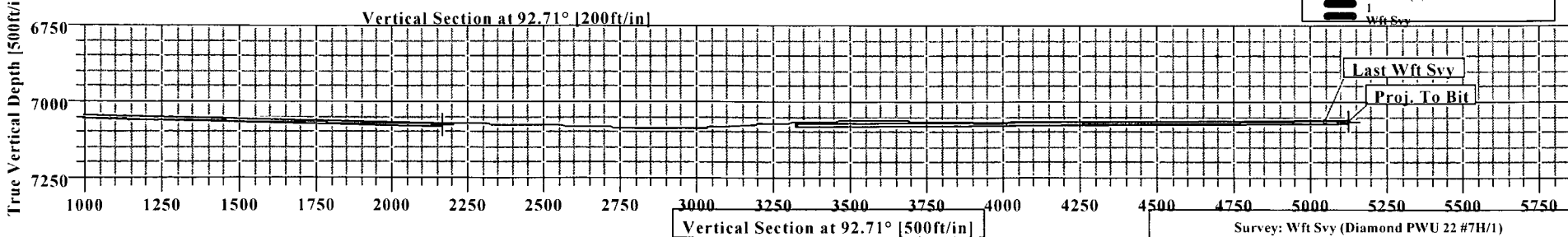
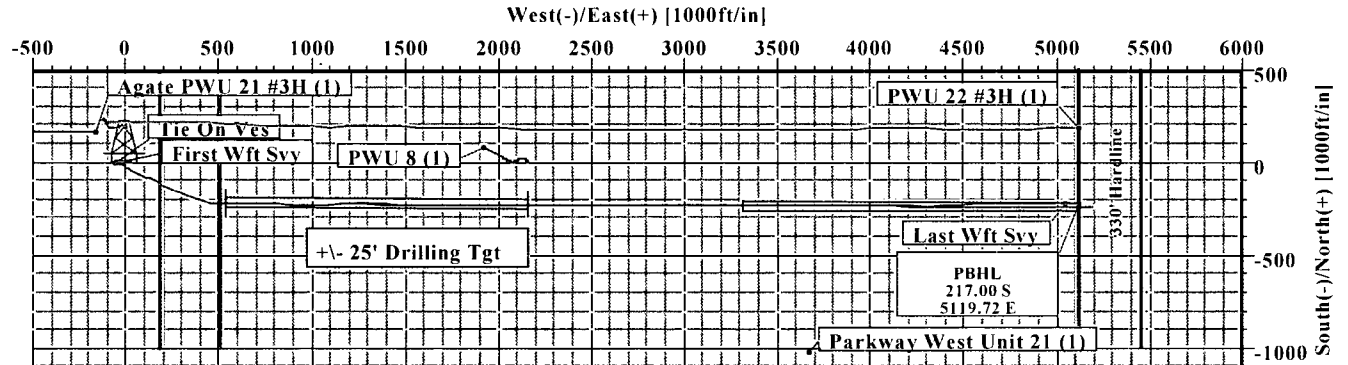
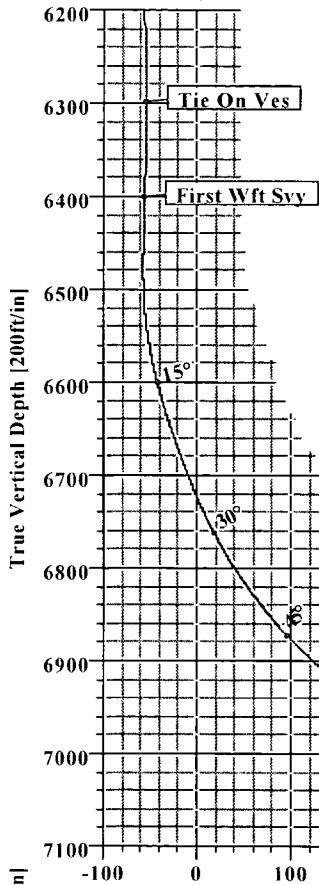
Diamond PWU 22 #7H
Site Centre Northing: 598281.14
Easting: 621835.74
Ground Level: 3331.50
Positional Uncertainty: 0.00
Convergence: 0.14

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Diamond PWU 22 #7H	0.00	0.00	598281.14	621835.74	32°38'40.010N	104°04'18.517W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
T1	7044.00	-221.40	537.70	598059.74	622373.44	Point
PBHL	7070.00	-242.37	5118.81	598038.77	626954.55	Rectangle (1800x50)
T2	7079.00	-228.17	2157.70	598052.97	623993.44	Rectangle (1621x50)



Survey: Wft Svy (Diamond PWU 22 #7H/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
86	12018.00	90.77	89.47	7062.12	-217.00	5119.72	0.00	180.00	5124.25



Weatherford

LEGEND

- Diamond PWU 22 #7H.1.Plan #7
- Diamond PWU 22 #7H.1.Plan #5
- Diamond PWU 22 #7H.1.Gyro
- Agate PWU 21 #3H (1)
- PWU 22 #3H (1)
- Parkway West Unit 21 (1)
- PWU 8 (1)
- Wft Svy

Created By: Russell W. Joyner

Date: 4/16/2013



A GYRO TECHNOLOGIES INC. COMPANY

PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

April 10, 2013

Devon Energy Production Co., L. P.
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

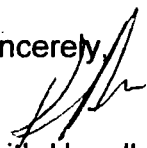
Attn: Patti Riechers

Re: **Diamond PWU 22 No. 007H**

Please find enclosed a copy of the survey from 0.00' to 6300.00' ran on the above referenced well.

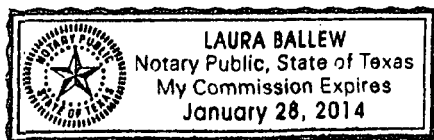
If I can be of any further service please do not hesitate to call me at 800-606-4976.

Sincerely,

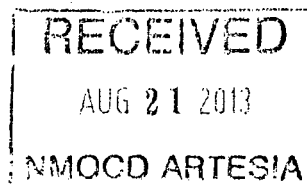

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 10th day of April, A.D., 2013, by Keith Havelka.




Laura Ballew
Notary Public, State of Texas





Company: Devon Energy Production Company

Lease/Well: Diamond PWU 22 / No. 007H

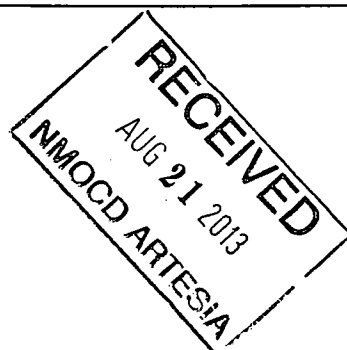
Rig Name: McVay 6

State/County: New Mexico/ Eddy

Latitude: 32.65, Longitude: -104.07

GRID North is 0.14 Degrees East of True North

VS-Azi: 64.90 Degrees



Depth Reference : RKB = 18'

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: survey.ut

Minimum Curvature Method

Report Date/Time: 4/10/2013 / 10:45

Vaughn Energy Services

Gardendale, Texas

432-563-5444

Survey Engineer: Kyle Willis

Diamond PWU 22 No. 007H / API 30-015-41007

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	****
100.00	0.89	77.63	100.00	0.17	0.76	0.76	0.78	77.63	0.89
200.00	0.89	121.46	199.99	-0.07	2.18	1.94	2.18	91.90	0.66
300.00	0.88	113.30	299.97	-0.78	3.55	2.88	3.63	102.43	0.13
400.00	0.76	108.17	399.96	-1.29	4.88	3.87	5.05	104.83	0.15
500.00	0.83	142.32	499.95	-2.07	5.96	4.51	6.31	109.20	0.47
600.00	0.88	142.09	599.94	-3.25	6.87	4.84	7.60	115.34	0.05
700.00	0.84	129.25	699.93	-4.32	7.91	5.33	9.02	118.66	0.20
800.00	0.66	112.48	799.92	-5.01	9.01	6.03	10.31	119.07	0.28
900.00	0.79	83.49	899.92	-5.15	10.23	7.08	11.45	116.72	0.39
1000.00	1.59	66.84	999.89	-4.52	12.19	9.12	13.00	110.36	0.86
1100.00	1.51	80.24	1099.86	-3.75	14.77	11.78	15.24	104.26	0.37
1200.00	1.47	79.59	1199.82	-3.30	17.34	14.30	17.65	100.77	0.04
1300.00	0.90	64.74	1299.80	-2.73	19.31	16.33	19.50	98.05	0.65
1400.00	0.59	68.56	1399.79	-2.21	20.49	17.62	20.61	96.15	0.31
1500.00	0.63	8.84	1499.79	-1.48	21.05	18.44	21.11	94.01	0.61
1600.00	0.67	10.16	1599.78	-0.35	21.24	19.09	21.25	90.96	0.04
1700.00	0.63	351.07	1699.78	0.77	21.26	19.58	21.27	87.94	0.22
1800.00	0.40	5.37	1799.77	1.66	21.21	19.91	21.27	85.53	0.26

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
1900.00	0.43	320.15	1899.77	2.30	21.00	19.99	21.12	83.75	0.32
2000.00	0.38	311.72	1999.77	2.81	20.51	19.77	20.70	82.20	0.08
2100.00	0.47	323.72	2099.76	3.36	20.02	19.56	20.30	80.47	0.13
2200.00	0.24	316.43	2199.76	3.84	19.64	19.41	20.01	78.93	0.23
2300.00	0.28	328.28	2299.76	4.20	19.36	19.32	19.81	77.77	0.07
2400.00	0.23	281.54	2399.76	4.45	19.04	19.13	19.55	76.85	0.21
2500.00	0.16	308.20	2499.76	4.57	18.74	18.91	19.29	76.29	0.11
2600.00	0.17	277.93	2599.76	4.68	18.48	18.72	19.06	75.79	0.09
2700.00	0.23	262.73	2699.76	4.67	18.13	18.40	18.72	75.54	0.08
2800.00	0.24	327.41	2799.76	4.83	17.82	18.18	18.46	74.84	0.25
2900.00	0.39	305.60	2899.76	5.20	17.43	17.99	18.19	73.37	0.18
3000.00	0.37	341.29	2999.75	5.71	17.05	17.86	17.98	71.49	0.23
3100.00	0.38	348.48	3099.75	6.34	16.88	17.97	18.03	69.40	0.05
3200.00	0.14	322.75	3199.75	6.77	16.73	18.03	18.05	67.97	0.26
3300.00	0.67	314.99	3299.75	7.29	16.24	17.80	17.80	65.84	0.53
3400.00	0.52	286.40	3399.74	7.83	15.39	17.26	17.27	63.03	0.33
3500.00	0.66	291.47	3499.74	8.17	14.42	16.52	16.57	60.46	0.15
3600.00	0.45	270.40	3599.73	8.38	13.49	15.77	15.88	58.13	0.29
3700.00	0.63	271.79	3699.73	8.40	12.54	14.92	15.10	56.17	0.17
3800.00	0.97	296.39	3799.72	8.80	11.23	13.90	14.27	51.93	0.48
3900.00	1.37	288.59	3899.70	9.56	9.34	12.51	13.36	44.32	0.43
4000.00	1.43	273.81	3999.67	10.02	6.95	10.55	12.20	34.74	0.37
4100.00	1.45	277.93	4099.64	10.28	4.45	8.39	11.20	23.41	0.11
4200.00	1.68	275.16	4199.60	10.59	1.74	6.06	10.73	9.31	0.24
4300.00	1.72	273.45	4299.55	10.81	-1.22	3.48	10.88	353.56	0.06
4400.00	1.63	259.16	4399.51	10.63	-4.11	0.79	11.40	338.85	0.43
4500.00	1.92	259.25	4499.46	10.05	-7.16	-2.22	12.34	324.55	0.29
4600.00	1.89	250.66	4599.41	9.20	-10.36	-5.48	13.85	311.61	0.29
4700.00	1.54	265.52	4699.36	8.55	-13.25	-8.37	15.77	302.82	0.56
4800.00	1.76	259.67	4799.32	8.17	-16.10	-11.12	18.06	296.89	0.27
4900.00	1.85	270.71	4899.27	7.91	-19.23	-14.06	20.80	292.36	0.36
5000.00	1.98	275.52	4999.22	8.10	-22.57	-17.01	23.98	289.73	0.20
5100.00	2.53	282.29	5099.14	8.73	-26.45	-20.25	27.85	288.27	0.61
5200.00	2.72	273.39	5199.04	9.34	-30.97	-24.08	32.35	286.79	0.45
5300.00	2.35	266.59	5298.94	9.36	-35.38	-28.07	36.60	284.82	0.47
5400.00	2.44	259.31	5398.85	8.84	-39.52	-32.03	40.49	282.61	0.32
5500.00	2.24	263.30	5498.77	8.22	-43.55	-35.95	44.32	280.69	0.26
5600.00	2.24	263.98	5598.69	7.79	-47.43	-39.65	48.07	279.32	0.03
5700.00	1.93	265.59	5698.62	7.45	-51.06	-43.08	51.60	278.30	0.32

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
5800.00	1.72	260.32	5798.57	7.07	-54.22	-46.10	54.68	277.43	0.27
5900.00	0.67	241.52	5898.55	6.54	-56.22	-48.13	56.59	276.64	1.11
6000.00	0.96	186.37	5998.54	5.43	-56.82	-49.15	57.08	275.46	0.80
6100.00	1.29	164.86	6098.52	3.52	-56.62	-49.78	56.73	273.55	0.53
6200.00	1.11	119.43	6198.50	1.96	-55.49	-49.42	55.52	272.02	0.94
6300.00	0.31	146.76	6298.50	1.26	-54.50	-48.82	54.51	271.32	0.84



Vaughn Energy Services
Gardendale, Texas
432-563-5444
Survey Engineer: Kyle Willis
Diamond PWU 22 No. 007H / API 30-015-41007

