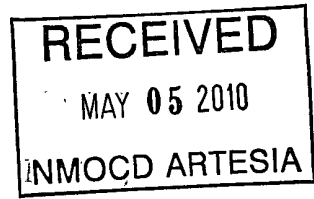




McVAY DRILLING COMPANY

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL



Well Name and Num: Shakespeare 20 Fed Com 3H
Location: Sec 20, T16S, R28E
Operator: Devon Energy, Inc.
Drilling Contractor: McVay Drilling Company

30-05-37193

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

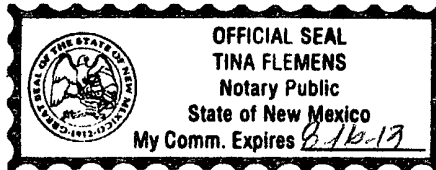
Degrees @	Depth	Degrees @	Depth	Degrees @	Depth	Degrees @	Depth
0.42	220	0.69	6619	89.86	7868	92.26	9963
0.18	420	1.35	5987	89.86	7960	92.14	10025
0.39	596	7.67	6082	91.41	8053	89.69	10088
0.22	802	17.15	6177	92.32	8145	89.86	10180
0.85	983	23.70	6240	91.60	8330	89.57	10335
0.42	1175	41.74	6430	90.09	8400	90.43	10397
0.34	1366	56.69	6588	90.22	8453	91.00	10459
0.18	1959	62.74	6655	89.29	8545	91.80	10522
0.39	2305	75.04	6777	89.40	8822		
0.20	2506	80.42	6841	89.80	8976		
0.44	2848	83.83	6904	90.43	9098		
0.45	3184	84.89	6920	90.89	9344		
0.43	3462	83.36	6927	97.86	9532		
1.73	3639	88.83	6966	91.34	9563		
0.19	4143	89.57	6997	90.89	9589		
0.89	4638	90.26	7119	91.47	9656		
0.83	5139	90.20	7211	91.51	9717		
0.36	6127	89.97	7365	91.23	9779		
1.45	6127	90.03	7618	91.29	9840		

By: H. H. Crowder

Subscribed and sworn to before me this 6th day of January, 2010

Tina Flemens
Notary Public

My Commission Expires: 8-16-13 Lea County, New Mexico



WR



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

Devon Energy
20 North Broadway
Oklahoma City, OK, 73102

Date: January 14, 2010

Attention: Stephanie Ysasaga

Re: Devon Energy
Well: Shakespeare 20 Federal #3H
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:

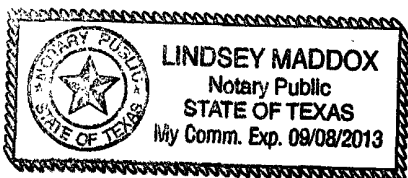
<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Michael Dill MWD Supervisor	3H	5929' MD 10522' MD	12/09/2009 12/25/2009	Measurement While Drilling

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.

Luke Schnell
Area Manager

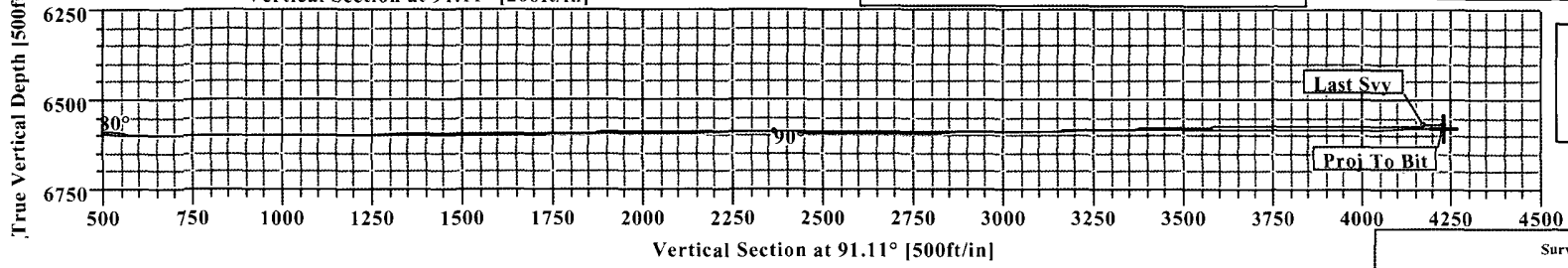
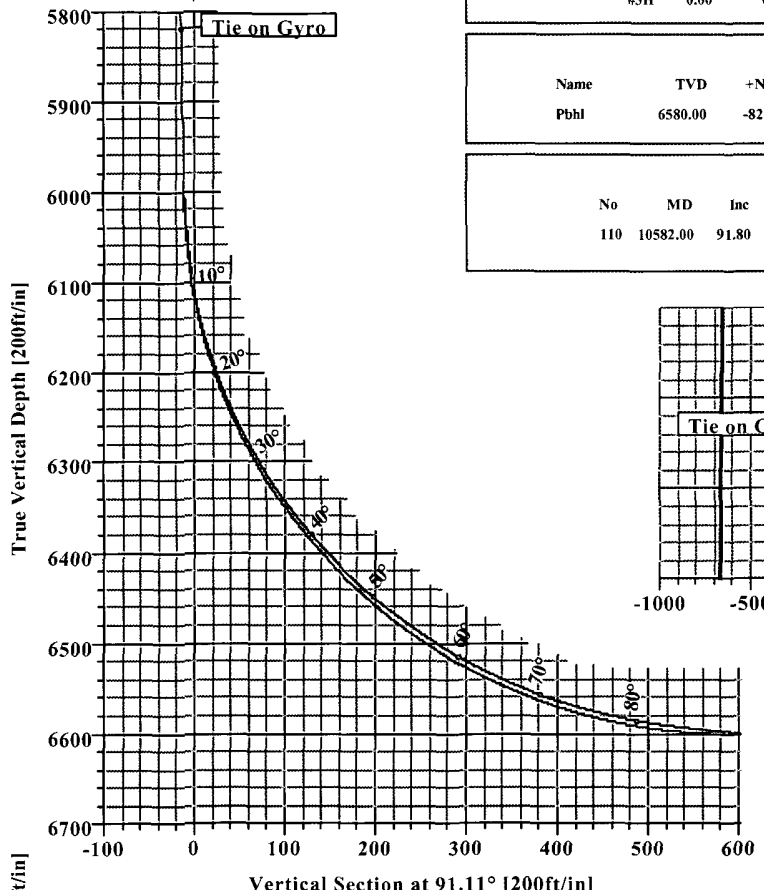
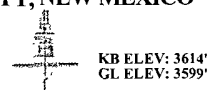
On this, the 15th day of January, 2010, before me a notary public, the undersigned officer, personally appeared Luke Schnell, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

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

Notary Public



SHAKESPEARE 20 FED COM #3H
EDDY COUNTY, NEW MEXICO



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	5955.00	1.23	110.02	5954.82	11.68	-12.61	0.00	0.00	-12.84	
2	6015.00	1.23	110.02	6014.80	11.24	-11.40	0.00	0.00	-11.62	
3	6944.46	90.31	91.21	6600.00	-5.49	588.89	9.59	-18.81	588.89	
4	10585.71	90.31	91.21	6580.00	-82.18	4229.27	0.00	0.00	4230.07	Pbhl

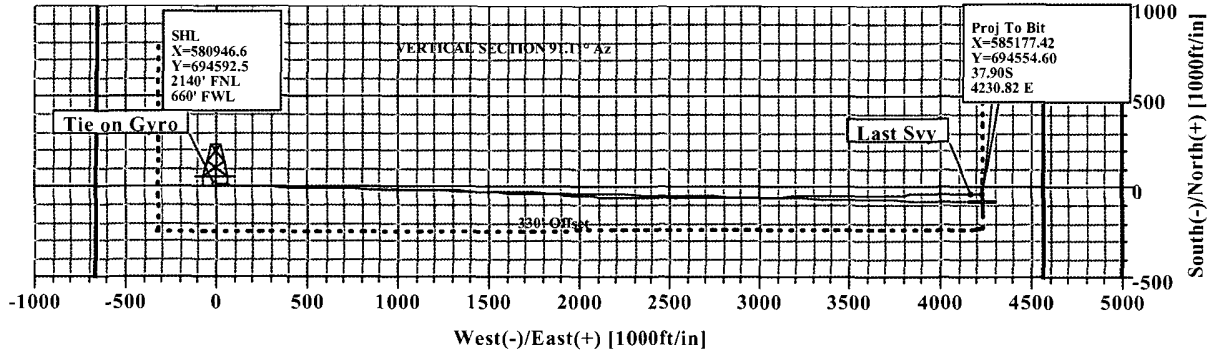
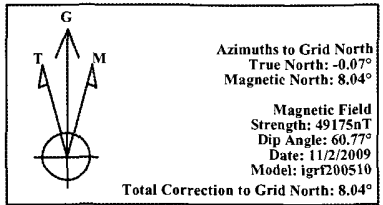
WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#3H	0.00	0.00	694592.50	580946.60	32°54'33.769N	104°12'15.375W	N/A

TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Pbhl	6580.00	-82.18	4229.27	694510.32	585175.87	32°54'32.902N	104°11'25.765W	Point

Proj To Bit Survey: Wft Svy (#3H/1)									
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
110	10582.00	91.80	89.00	6568.33	-37.90	4230.82	0.00	0.00	4230.76



FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	6370.00	6394.72	Wolfcamp Mkr.
2	6545.00	6673.92	Wolfcamp Pay



FIELD DETAILS
Eddy Co., NM (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: igr200510
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS
Shakespeare 20 Federal #3H
2140' FNL 660' FWL of Sec 20, T16S, R28E
Site Centre Northing: 694592.50
Easting: 580946.60
Ground Level: 3599.00
Positional Uncertainty: 0.00
Convergence: 0.07

LEGEND
 #3H, 1, Plan #4
 #3H, 1, Gyroscopic Svy
 Wft Svy

Survey: Wft Svy (#3H/1)
Created By: Russell W Joyner Date: 12/28/2009



Weatherford International Ltd.

WFT Survey Report



Company: Devon Energy	Date: 1/13/2010	Time: 16:40:29	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: #3H, Grid North		
Site: Shakespeare 20 Federal #3H	Vertical (TVD) Reference: SITE 3614.0		
Well: #3H	Section (VS) Reference: Well (0.00N,0.00E,91.11Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Svy	Start Date: 12/9/2009
Company: Weatherford International Ltd	Engineer: Russell W Joyner
Tool: MWD;MWD - Standard	Tied-to: User Defined

Field: Eddy Co , NM (NAD 83)	
Map System: US State Plane Coordinate System 1983	Map Zone: New Mexico, Eastern Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf200510

Site: Shakespeare 20 Federal #3H

2140' FNL 660' FWL of Sec 20, T16S, R28E

Site Position:	Northing: 694592.50 ft	Latitude: 32 54 33.769 N
From: Map	Easting: 580946.60 ft	Longitude: 104 12 15.375 W
Position Uncertainty: 0 00 ft		North Reference: Grid
Ground Level: 3599.00 ft		Grid Convergence: 0 07 deg

Well: #3H	Slot Name:
Well Position: +N-S 0 00 ft	Northing: 694592.50 ft
+E-W 0 00 ft	Easting: 580946.60 ft
Position Uncertainty: 0.00 ft	Latitude: 32 54 33.769 N
	Longitude: 104 12 15.375 W

Wellpath: 1	Drilled From: Surface	Tie-on Depth: 0 00 ft
Current Datum: SITE	Height: 3614.00 ft	Above System Datum: Mean Sea Level
Magnetic Data: 11/2/2009		Declination: 8.11 deg
Field Strength: 49175 nT		Mag Dip Angle: 60.77 deg
Vertical Section: Depth From (TVD)	+N-S	+E-W
ft	ft	ft
0.00	0 00	0 00
		Direction: 91 11 deg

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
5820.00	0.96	110.25	5819.85	12.21	-15.34	-15.57	0.00	0.00	0.00	Tie on Gyro
5929.00	1.37	94.28	5928.83	11.80	-13.18	-13.41	0.48	0.38	-14.65	First Wft Svy
5955.00	1.23	110.02	5954.82	11.68	-12.61	-12.84	1.47	-0.54	60.54	
5987.00	1.35	102.48	5986.81	11.48	-11.92	-12.14	0.65	0.37	-23.56	
6018.00	2.86	74.35	6017.79	11.61	-10.82	-11.04	5.76	4.87	-90.74	
6050.00	4.75	86.07	6049.72	11.91	-8.73	-8.96	6.36	5.91	36.62	
6082.00	7.67	88.21	6081.53	12.07	-5.27	-5.51	9.15	9.12	6.69	
6113.00	10.97	86.79	6112.11	12.30	-0.26	-0.50	10.67	10.65	-4.58	
6145.00	14.22	86.70	6143.34	12.70	6.71	6.46	10.16	10.16	-0.28	
6177.00	17.15	89.17	6174.14	12.99	15.35	15.10	9.39	9.16	7.72	
6208.00	20.38	90.25	6203.49	13.04	25.32	25.06	10.48	10.42	3.48	
6240.00	23.70	92.10	6233.15	12.78	37.32	37.07	10.60	10.37	5.78	
6272.00	26.68	94.30	6262.10	12.00	50.92	50.68	9.76	9.31	6.87	
6303.00	29.75	93.57	6289.42	11.00	65.54	65.31	9.97	9.90	-2.35	
6335.00	32.18	93.08	6316.86	10.05	81.97	81.76	7.63	7.59	-1.53	
6366.00	35.58	91.99	6342.59	9.29	99.23	99.04	11.14	10.97	-3.52	
6398.00	38.24	91.08	6368.17	8.78	118.44	118.25	8.49	8.31	-2.84	
6430.00	41.74	89.34	6392.69	8.72	139.00	138.81	11.48	10.94	-5.44	
6461.00	44.94	89.28	6415.23	8.97	160.28	160.07	10.32	10.32	-0.19	
6525.00	51.42	90.60	6457.88	9.00	207.94	207.73	10.24	10.12	2.06	
6556.00	53.76	90.31	6476.71	8.80	232.56	232.35	7.58	7.55	-0.94	
6588.00	56.69	89.27	6494.96	8.90	258.85	258.62	9.54	9.16	-3.25	
6620.00	59.06	89.85	6511.98	9.11	285.94	285.71	7.56	7.41	1.81	
6651.00	62.74	90.50	6527.05	9.02	313.03	312.79	12.01	11.87	2.10	



Weatherford International Ltd.

WFT Survey Report



Company: Devon Energy	Date: 1/13/2010	Time: 16:40:29	Page: 2
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #3H, Grid North	
Site: Shakespeare 20 Federal #3H	Vertical (TVD) Reference:	SITE 3614.0	
Well: #3H	Section (VS) Reference:	Well (0.00N,0.00E,91.11Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
6683.00	65.29	90.85	6541.07	8.68	341.79	341.55	8.03	7.97	1.09	
6715.00	68.95	92.22	6553.51	7.89	371.25	371.03	12.10	11.44	4.28	
6746.00	71.79	92.59	6563.93	6.66	400.42	400.22	9.23	9.16	1.19	
6778.00	75.04	92.19	6573.06	5.38	431.06	430.87	10.23	10.16	-1.25	
6810.00	77.80	93.15	6580.57	3.93	462.13	461.96	9.10	8.62	3.00	
6841.00	80.42	94.38	6586.43	1.93	492.50	492.37	9.31	8.45	3.97	
6872.00	82.28	94.24	6591.09	-0.37	523.06	522.97	6.02	6.00	-0.45	
6904.00	83.83	93.68	6594.96	-2.56	554.75	554.69	5.15	4.84	-1.75	
6920.00	84.98	93.65	6596.52	-3.58	570.64	570.60	7.19	7.19	-0.19	
6935.00	86.36	93.05	6597.65	-4.45	585.57	585.55	10.03	9.20	-4.00	
6966.00	88.83	91.10	6598.95	-5.57	616.52	616.51	10.15	7.97	-6.29	
6996.00	89.57	90.10	6599.37	-5.89	646.51	646.51	4.15	2.47	-3.33	
7027.00	90.03	90.69	6599.48	-6.10	677.51	677.50	2.41	1.48	1.90	
7058.00	90.31	90.38	6599.39	-6.39	708.51	708.50	1.35	0.90	-1.00	
7088.00	90.09	90.52	6599.28	-6.63	738.51	738.50	0.87	-0.73	0.47	
7120.00	90.26	90.51	6599.19	-6.92	770.51	770.50	0.53	0.53	-0.03	
7149.00	90.43	90.70	6599.01	-7.22	799.51	799.49	0.88	0.59	0.66	
7180.00	90.43	90.70	6598.78	-7.60	830.50	830.49	0.00	0.00	0.00	
7211.00	90.20	90.82	6598.61	-8.01	861.50	861.49	0.84	-0.74	0.39	
7241.00	90.31	91.17	6598.47	-8.53	891.49	891.49	1.22	0.37	1.17	
7303.00	90.03	91.20	6598.29	-9.81	953.48	953.49	0.45	-0.45	0.05	
7365.00	89.97	91.47	6598.29	-11.26	1015.46	1015.49	0.45	-0.10	0.44	
7426.00	90.09	91.32	6598.26	-12.74	1076.45	1076.49	0.31	0.20	-0.25	
7490.00	90.14	91.73	6598.13	-14.45	1140.42	1140.49	0.65	0.08	0.64	
7554.00	90.09	91.64	6598.00	-16.33	1204.39	1204.48	0.16	-0.08	-0.14	
7618.00	90.03	92.00	6597.93	-18.36	1268.36	1268.48	0.57	-0.09	0.56	
7681.00	90.14	92.05	6597.84	-20.59	1331.32	1331.47	0.19	0.17	0.08	
7745.00	89.86	92.50	6597.84	-23.13	1395.27	1395.46	0.83	-0.44	0.70	
7807.00	89.69	92.46	6598.08	-25.81	1457.21	1457.44	0.28	-0.27	-0.06	
7868.00	89.86	92.10	6598.32	-28.24	1518.16	1518.43	0.65	0.28	-0.59	
7899.00	89.74	92.37	6598.43	-29.45	1549.14	1549.42	0.95	-0.39	0.87	
7960.00	89.86	91.60	6598.65	-31.56	1610.10	1610.41	1.28	0.20	-1.26	
7991.00	90.54	91.41	6598.54	-32.37	1641.09	1641.41	2.28	2.19	-0.61	
8053.00	91.69	91.68	6597.33	-34.05	1703.06	1703.40	1.91	1.85	0.44	
8114.00	92.37	92.04	6595.17	-36.02	1763.99	1764.35	1.26	1.11	0.59	
8145.00	92.32	92.17	6593.90	-37.16	1794.94	1795.32	0.45	-0.16	0.42	
8176.00	91.86	92.38	6592.77	-38.39	1825.89	1826.30	1.63	-1.48	0.68	
8207.00	92.03	91.99	6591.72	-39.57	1856.85	1857.27	1.37	0.55	-1.26	
8237.00	91.57	92.12	6590.78	-40.65	1886.82	1887.25	1.59	-1.53	0.43	
8268.00	91.74	92.39	6589.88	-41.87	1917.78	1918.23	1.03	0.55	0.87	
8299.00	92.26	92.61	6588.80	-43.22	1948.73	1949.21	1.82	1.68	0.71	
8330.00	91.63	92.74	6587.75	-44.66	1979.68	1980.18	2.08	-2.03	0.42	
8361.00	90.43	93.63	6587.19	-46.39	2010.63	2011.15	4.82	-3.87	2.87	
8391.00	89.69	93.95	6587.16	-48.37	2040.56	2041.12	2.69	-2.47	1.07	
8422.00	90.09	93.86	6587.22	-50.48	2071.49	2072.08	1.32	1.29	-0.29	
8453.00	90.22	92.60	6587.13	-52.23	2102.44	2103.06	4.09	0.42	-4.06	
8484.00	89.69	92.20	6587.16	-53.53	2133.41	2134.05	2.14	-1.71	-1.29	
8514.00	89.69	91.88	6587.32	-54.59	2163.39	2164.05	1.07	0.00	-1.07	
8545.00	89.29	91.58	6587.60	-55.53	2194.38	2195.04	1.61	-1.29	-0.97	
8576.00	89.34	91.46	6587.97	-56.35	2225.37	2226.04	0.42	0.16	-0.39	
8638.00	88.88	90.09	6588.93	-57.19	2287.35	2288.03	2.33	-0.74	-2.21	
8699.00	89.17	90.12	6589.97	-57.30	2348.34	2349.01	0.48	0.48	0.05	



Weatherford International Ltd.

WFT Survey Report



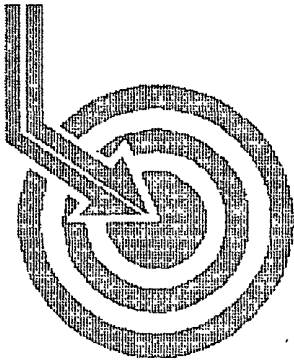
Company: Devon Energy	Date: 1/13/2010	Time: 16:40:29	Page: 3
Field: Eddy Co, NM (NAD 83)	Co-ordinate(NE) Reference: Well: #3H, Grid North		
Site: Shakespeare 20 Federal #3H	Vertical (TVD) Reference: SITE 3614.0		
Well: #3H	Section (VS) Reference: Well (0.00N,0.00E,91.11Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
8761.00	89.06	90.37	6590.93	-57.57	2410.33	2411.00	0.44	-0.18	0.40	
8822.00	89.40	90.02	6591.75	-57.77	2471.33	2471.98	0.80	0.56	-0.57	
8976.00	89.80	90.24	6592.82	-58.12	2625.32	2625.96	0.30	0.26	0.14	
9038.00	90.26	89.67	6592.79	-58.07	2687.32	2687.94	1.18	0.74	-0.92	
9099.00	90.43	89.54	6592.42	-57.65	2748.32	2748.92	0.35	0.28	-0.21	
9160.00	90.88	89.63	6591.72	-57.21	2809.31	2809.90	0.75	0.74	0.15	
9222.00	90.89	88.29	6590.77	-56.09	2871.30	2871.84	2.16	0.02	-2.16	
9283.00	90.60	89.46	6589.97	-54.89	2932.28	2932.79	1.98	-0.48	1.92	
9345.00	90.89	89.55	6589.17	-54.35	2994.27	2994.76	0.49	0.47	0.15	
9407.00	90.60	89.85	6588.36	-54.03	3056.26	3056.74	0.67	-0.47	0.48	
9470.00	91.63	88.68	6587.13	-53.22	3119.24	3119.69	2.47	1.63	-1.86	
9532.00	91.86	88.46	6585.25	-51.68	3181.20	3181.60	0.51	0.37	-0.35	
9563.00	91.34	89.18	6584.38	-51.04	3212.18	3212.56	2.86	-1.68	2.32	
9595.00	90.89	89.14	6583.76	-50.57	3244.17	3244.54	1.41	-1.41	-0.12	
9656.00	91.46	89.92	6582.51	-50.07	3305.15	3305.50	1.58	0.93	1.28	
9717.00	91.51	89.17	6580.93	-49.58	3366.13	3366.46	1.23	0.08	-1.23	
9779.00	91.23	89.06	6579.44	-48.63	3428.10	3428.40	0.49	-0.45	-0.18	
9840.00	91.29	88.98	6578.10	-47.58	3489.08	3489.35	0.16	0.10	-0.13	
9902.00	91.74	88.68	6576.46	-46.32	3551.05	3551.27	0.87	0.73	-0.48	
9963.00	92.26	88.94	6574.34	-45.05	3611.99	3612.19	0.95	0.85	0.43	
9994.00	91.97	88.91	6573.19	-44.47	3642.97	3643.14	0.94	-0.94	-0.10	
10025.00	92.14	88.92	6572.08	-43.88	3673.94	3674.10	0.55	0.55	0.03	
10057.00	91.06	88.89	6571.19	-43.27	3705.92	3706.07	3.38	-3.37	-0.09	
10088.00	89.69	89.18	6570.98	-42.75	3736.92	3737.04	4.52	-4.42	0.94	
10119.00	89.23	89.33	6571.28	-42.35	3767.91	3768.03	1.56	-1.48	0.48	
10150.00	89.63	89.35	6571.58	-41.99	3798.91	3799.01	1.29	1.29	0.06	
10180.00	89.86	89.16	6571.72	-41.60	3828.91	3828.99	0.99	0.77	-0.63	
10242.00	90.37	89.62	6571.59	-40.94	3890.90	3890.96	1.11	0.82	0.74	
10274.00	89.00	89.77	6571.77	-40.77	3922.90	3922.95	4.31	-4.28	0.47	
10335.00	89.57	89.68	6572.53	-40.48	3983.90	3983.93	0.95	0.93	-0.15	
10397.00	90.43	89.76	6572.53	-40.17	4045.89	4045.91	1.39	1.39	0.13	
10459.00	91.00	89.50	6571.76	-39.77	4107.89	4107.89	1.01	0.92	-0.42	
10522.00	91.80	89.00	6570.22	-38.95	4170.86	4170.83	1.50	1.27	-0.79	Last Svy
10582.00	91.80	89.00	6568.33	-37.90	4230.82	4230.76	0.00	0.00	0.00	Proj To Bit

Annotation

MD ft	TVD ft	
5820.00	5819.85	Tie on Gyro
5929.00	5928.83	First Wft Svy
10522.00	6570.22	Last Svy
10582.00	6568.33	Proj To Bit



Scientific Drilling

DEVON ENERGY

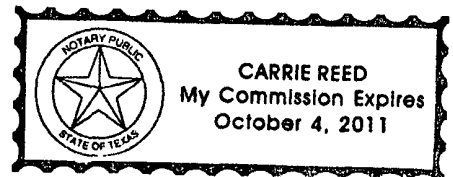
Field: Wolfcamp
Site: Eddy County, NM
Well: Shakespeare 20 Federal #3H
Wellpath: VH - Job #32K1209548
Survey: 12/08/09

This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature].....Company Representative

Notorized this date 3/20 of December, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: DEVON ENERGY	Date: 12/09/2009	Time: 13:33:22	Page: 1
Field: Wolfcamp	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Shakespeare 20 Federal #3H	Section (VS) Reference:	Well (0.00N,0.00E,91.11Azi)	
Wellpath: VH - Job #32K1209548	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 12/08/09 KSRG 0'-5820'	Start Date:	12/08/2009
Company: Scientific Drilling Internatio	Engineer:	Melendez w/Rotary
Tool: Keeper;Keeper Gyro	Tied-to:	From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.20	248.92	100.00	-0.16	-0.06	-0.16	0.20	0.17	248.92
200.00	0.20	71.56	200.00	-0.16	-0.07	-0.16	0.40	0.17	246.29
300.00	0.15	58.03	300.00	0.12	0.05	0.12	0.06	0.13	65.06
400.00	0.27	70.86	400.00	0.45	0.20	0.45	0.13	0.49	65.97
500.00	0.50	63.14	500.00	1.05	0.48	1.06	0.24	1.16	65.90
600.00	0.23	51.26	599.99	1.59	0.80	1.61	0.28	1.79	63.61
700.00	0.36	52.84	699.99	1.99	1.11	2.01	0.13	2.30	61.08
800.00	0.30	43.38	799.99	2.42	1.49	2.44	0.08	2.86	58.58
900.00	0.25	43.23	899.99	2.74	1.84	2.77	0.05	3.33	56.41
1000.00	0.18	359.04	999.99	2.88	2.16	2.92	0.17	3.63	53.54
1100.00	0.27	358.19	1099.99	2.86	2.55	2.91	0.09	3.87	48.77
1200.00	0.23	349.73	1199.99	2.81	2.98	2.87	0.05	4.14	43.86
1300.00	0.25	357.89	1299.99	2.76	3.40	2.82	0.04	4.42	39.71
1400.00	0.23	7.36	1399.99	2.77	3.82	2.84	0.04	4.76	36.67
1500.00	0.22	22.62	1499.98	2.86	4.19	2.94	0.06	5.12	35.05
1600.00	0.23	13.39	1599.98	2.97	4.57	3.06	0.04	5.50	33.84
1700.00	0.29	352.17	1699.98	2.98	5.01	3.07	0.11	5.88	31.52
1800.00	0.32	340.76	1799.98	2.84	5.53	2.95	0.07	6.26	28.07
1900.00	0.47	340.03	1899.98	2.59	6.17	2.71	0.15	6.75	23.73
2000.00	0.45	338.15	1999.98	2.29	6.92	2.43	0.03	7.34	19.33
2100.00	0.39	335.74	2099.97	1.99	7.60	2.14	0.06	7.90	15.74
2200.00	0.34	342.13	2199.97	1.75	8.19	1.91	0.06	8.41	13.13
2300.00	0.30	346.44	2299.97	1.59	8.73	1.76	0.05	8.90	11.39
2400.00	0.36	339.59	2399.97	1.41	9.28	1.59	0.07	9.41	9.71
2500.00	0.35	352.43	2499.97	1.25	9.88	1.44	0.08	9.98	8.29
2600.00	0.40	346.03	2599.96	1.11	10.52	1.31	0.07	10.60	7.12
2700.00	0.36	355.70	2699.96	0.99	11.17	1.21	0.08	11.23	6.16
2800.00	0.46	1.55	2799.96	0.96	11.88	1.19	0.11	11.94	5.74
2900.00	0.49	337.73	2899.96	0.80	12.68	1.04	0.20	12.72	4.70
3000.00	0.35	330.17	2999.95	0.47	13.34	0.73	0.15	13.36	3.12
3100.00	0.41	314.51	3099.95	0.05	13.86	0.32	0.12	13.86	1.33
3200.00	0.42	347.52	3199.95	-0.29	14.47	-0.01	0.24	14.47	359.95
3300.00	0.31	332.54	3299.95	-0.51	15.06	-0.22	0.14	15.06	359.17
3400.00	0.19	287.61	3399.95	-0.80	15.35	-0.50	0.22	15.36	358.14
3500.00	0.18	287.57	3499.95	-1.11	15.45	-0.81	0.01	15.47	357.01
3600.00	0.49	267.45	3599.94	-1.68	15.48	-1.38	0.33	15.54	354.89
3700.00	0.58	275.57	3699.94	-2.62	15.51	-2.32	0.12	15.68	351.51
3800.00	0.60	287.93	3799.93	-3.62	15.72	-3.32	0.13	16.07	348.08
3900.00	0.47	280.41	3899.93	-4.53	15.96	-4.22	0.15	16.50	345.19
4000.00	0.50	282.92	3999.93	-5.36	16.13	-5.05	0.04	16.90	342.62
4100.00	0.54	274.99	4099.92	-6.26	16.27	-5.94	0.08	17.32	339.93
4200.00	0.62	275.22	4199.92	-7.27	16.36	-6.95	0.08	17.77	336.98
4300.00	0.60	272.03	4299.91	-8.33	16.42	-8.01	0.04	18.27	333.99
4400.00	0.59	275.27	4399.91	-9.37	16.49	-9.05	0.04	18.81	331.24
4500.00	0.55	269.53	4499.90	-10.36	16.53	-10.04	0.07	19.34	328.73
4600.00	0.56	271.04	4599.90	-11.33	16.54	-11.01	0.02	19.87	326.35
4700.00	0.57	265.77	4699.89	-12.31	16.51	-11.99	0.05	20.41	324.00
4800.00	0.52	260.47	4799.89	-13.25	16.40	-12.94	0.07	20.89	321.73



Scientific Drilling International Survey Report

Company: DEVON ENERGY	Date: 12/09/2009	Time: 13:33:22	Page: 2
Field: Wolfcamp	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:		SITE 0.0
Well: Shakespeare 20 Federal #3H	Section (VS) Reference:		Well (0.00N,0.00E,91.11Azi)
Wellpath: VH - Job #32K1209548	Survey Calculation Method:		Db: Sybase
		Minimum Curvature	

Survey

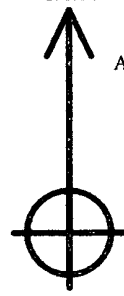
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/V ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.53	253.06	4899.88	-14.14	16.19	-13.83	0.07	21.29	319.50
5000.00	0.62	245.87	4999.88	-15.07	15.83	-14.76	0.12	21.65	317.00
5100.00	0.74	264.90	5099.87	-16.20	15.55	-15.90	0.25	22.24	314.37
5200.00	0.41	264.54	5199.87	-17.20	15.46	-16.90	0.33	22.91	312.46
5300.00	0.26	183.93	5299.86	-17.56	15.20	-17.27	0.45	23.01	311.35
5400.00	0.33	157.98	5399.86	-17.46	14.71	-17.18	0.15	22.62	310.57
5500.00	0.26	163.22	5499.86	-17.28	14.22	-17.01	0.07	22.17	309.91
5600.00	0.44	173.87	5599.86	-17.16	13.63	-16.90	0.19	21.71	308.88
5700.00	0.51	133.74	5699.86	-16.78	12.94	-16.54	0.33	21.00	308.03
5800.00	0.79	115.82	5799.85	-15.83	12.33	-15.60	0.34	19.88	308.33
5820.00	0.96	110.25	5819.85	-15.55	12.21	-15.31	0.95	19.59	308.57



Scientific
Drilling

Field: Wolfcamp
Site: Eddy County, NM
Well: Shakespeare 20 Federal #3H
Wellpath: VH - Job #32K1209548
Survey: 12/08/09

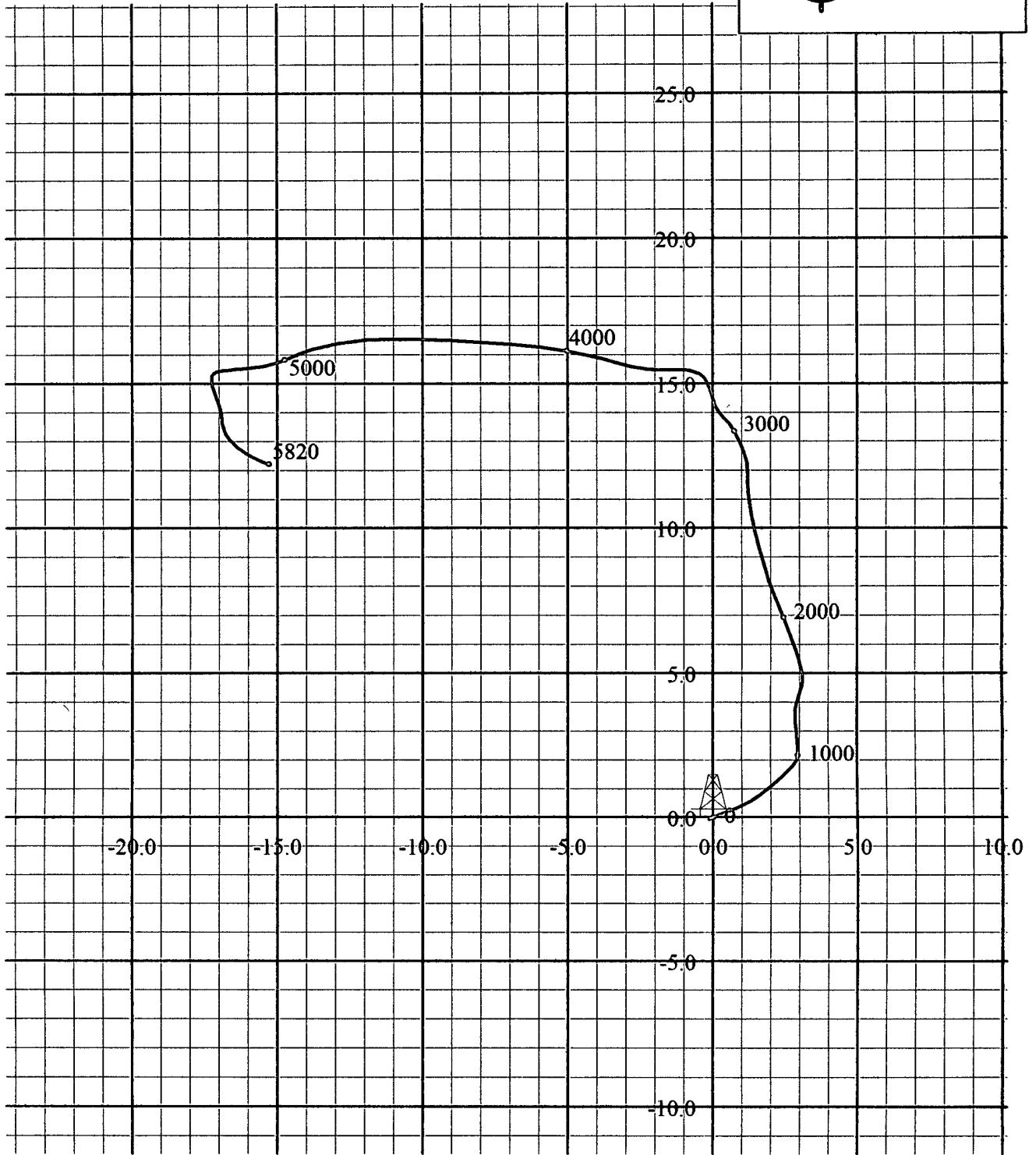
G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/09/2009
Model: igrf2000

South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]