

Results of Directional Survey

API number:	30-025-40743		
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP
		Property:	TAIPAN 10 STATE COM # 1H

surface	ULSTR:	D	15	T	23S	R	33E
				150	FNL	710	FWL

BH Loc	ULSTR:	D	10	T	23S	R	33E
16079	MD	11219.8	TVD	335	FNL	277	FWL
				4945	FSL		

Top Perf/OH	ULSTR:	D	10	T	23S	R	33E
11505	MD	11237.8	TVD	424	FSL	937	FWL

Bot Perf/OH	ULSTR:	D	10	T	23S	R	33E
16002	MD	11222.2	TVD	411	FNL	289	FWL
				4869	FSL		

	MD	N/S	E/W	VD
	11493	562.30	228.66	11234.78
TOP PERFS/OH	11505	573.82	227.06	11237.75
	11525	593.01	224.38	11242.71
	15971	4988.63	-415.70	11223.05
BOT PERFS/OH	16002	5019.21	-420.72	11222.19
	16021	5037.95	-423.79	11221.67

NEXT TO LAST	16021	5037.95	-423.79	11221.67
LAST READING	16079	5095.18	-433.01	11219.78
TD	16079	5095.18	-433.01	11219.78

Surface Location	150	FN	710	FW
Projected BHL	4945	FS	277	FW
Location of				
Top Perfs/OH	424	FS	937	FW
Bottom Perfs/OH	4869	FS	289	FW

SUMMARY of Subsurface Locations

Surface Location	D-15-23S-33E	150	FN	710	FW	Vert. Depth
Top Perfs/OH	D-10-23S-33E	424	FS	937	FW	11237.75
Bottom Perfs/OH	D-10-23S-33E	4869	FS	289	FW	11222.19
Projected TD	D-10-23S-33E	4945	FS	277	FW	11219.78

MAR 14 2013



A GYRO TECHNOLOGIES INC. COMPANY

30-02540743
PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

HOBBS OCD

MAR 01 2013

RECEIVED

November 26, 2012

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

Attn: Patti Riechers

Re: **Taipan 10 State Com No. 001H**

Please find enclosed a copy of the survey from 0' to 10,362' ran on the above referenced well.

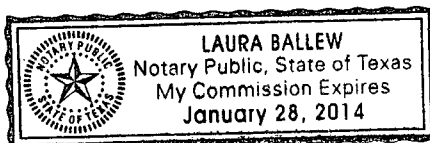
If I can be of any further service, please do not hesitate to call me at 800-606-4976.

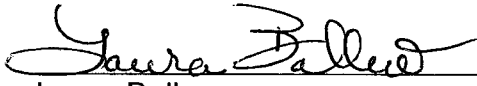
Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 27th day of November
A.D., 2012, by Keith Havelka.





Laura Ballew
Notary Public, State of Texas



Company: Devon Energy Production Company
Lease/Well: Taipan 10 State Com/No. 001H
Location: S15 T23s R33e
Rig Name: HP 416
State/County: New Mexico/Lea
Latitude: 32.31, Longitude: -103.57
GRID North is 0.41 Degrees East of True North
VS-Azi: 0.00 Degrees



RKB : 25 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: ... state com #1h gyro survey.ut
Minimum Curvature Method
Report Date/Time: 11/26/2012 / 09:50

Vaughn Energy Services
(432) 563-5444

Gardendale, TX

Surveyor: Dustin Wedel

Taipan 10 State Com No. 001H / API 30-025-40743

HOBS OCD
MAR 01 2013
RECEIVED

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	0.61	144.13	100.00	-0.43	0.31	-0.43	0.54	144.13	0.61
200.00	0.56	155.18	199.99	-1.31	0.83	-1.31	1.55	147.59	0.12
300.00	0.57	155.93	299.99	-2.21	1.24	-2.21	2.53	150.68	0.01
400.00	0.58	136.68	399.98	-3.03	1.79	-3.03	3.52	149.44	0.19
500.00	0.59	140.62	499.98	-3.79	2.46	-3.79	4.52	147.03	0.04
600.00	0.60	142.57	599.97	-4.61	3.11	-4.61	5.56	146.02	0.02
700.00	0.53	133.89	699.97	-5.34	3.76	-5.34	6.53	144.89	0.11
800.00	0.46	125.20	799.96	-5.90	4.42	-5.90	7.37	143.15	0.10
900.00	0.50	107.44	899.96	-6.26	5.16	-6.26	8.11	140.49	0.15
1000.00	0.54	89.68	999.96	-6.38	6.05	-6.38	8.79	136.56	0.16
1100.00	1.60	94.38	1099.94	-6.49	7.91	-6.49	10.23	129.37	1.06
1200.00	2.99	88.00	1199.86	-6.50	11.91	-6.50	13.57	118.65	1.41
1300.00	4.54	87.34	1299.64	-6.23	18.47	-6.23	19.49	108.64	1.55
1400.00	4.83	89.09	1399.30	-5.98	26.62	-5.98	27.29	102.66	0.32
1500.00	4.47	88.09	1498.97	-5.78	34.73	-5.78	35.21	99.46	0.36
1600.00	4.26	89.01	1598.68	-5.59	42.34	-5.59	42.71	97.52	0.22
1700.00	3.90	88.07	1698.43	-5.41	49.45	-5.41	49.75	96.24	0.36
1800.00	3.71	85.03	1798.21	-5.02	56.08	-5.02	56.30	95.11	0.28

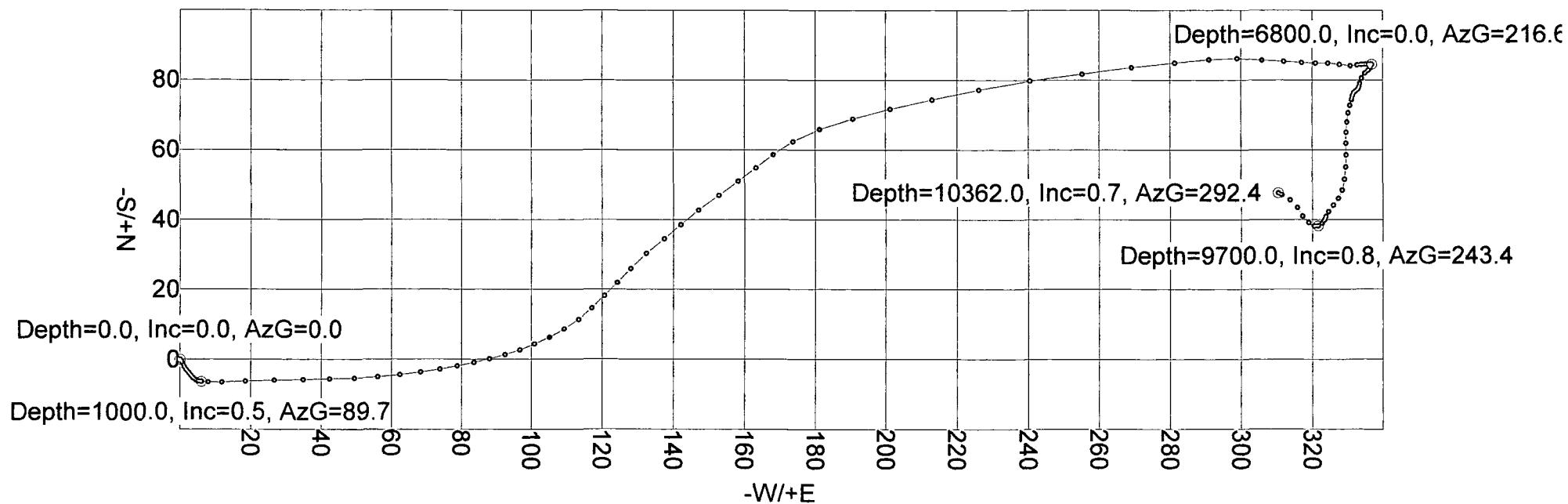
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.00	3.50	83.82	1898.01	-4.41	62.34	-4.41	62.50	94.04	0.23
2000.00	3.35	82.17	1997.83	-3.68	68.27	-3.68	68.36	93.09	0.18
2100.00	2.98	80.12	2097.68	-2.84	73.71	-2.84	73.77	92.21	0.39
2200.00	2.86	78.12	2197.55	-1.88	78.71	-1.88	78.73	91.37	0.16
2300.00	2.77	78.36	2297.43	-0.88	83.52	-0.88	83.52	90.60	0.09
2400.00	2.64	75.62	2397.32	0.18	88.12	0.18	88.12	89.88	0.18
2500.00	2.61	75.76	2497.21	1.31	92.56	1.31	92.57	89.19	0.03
2600.00	2.47	68.57	2597.12	2.66	96.77	2.66	96.81	88.42	0.35
2700.00	2.64	67.62	2697.02	4.32	100.90	4.32	101.00	87.55	0.17
2800.00	2.65	61.46	2796.91	6.30	105.06	6.30	105.25	86.57	0.28
2900.00	2.83	60.19	2896.80	8.63	109.23	8.63	109.57	85.48	0.19
3000.00	2.85	53.16	2996.67	11.35	113.36	11.35	113.93	84.28	0.35
3100.00	2.88	45.04	3096.55	14.62	117.13	14.62	118.04	82.89	0.41
3200.00	2.92	44.95	3196.42	18.20	120.71	18.20	122.07	81.43	0.04
3300.00	3.06	43.06	3296.28	21.95	124.33	21.95	126.25	79.99	0.17
3400.00	3.22	42.55	3396.13	25.98	128.06	25.98	130.66	78.53	0.16
3500.00	3.87	46.58	3495.94	30.36	132.41	30.36	135.84	77.08	0.69
3600.00	3.62	53.49	3595.73	34.56	137.39	34.56	141.67	75.88	0.51
3700.00	3.42	44.39	3695.54	38.57	142.02	38.57	147.16	74.81	0.59
3800.00	4.06	54.40	3795.33	42.76	146.98	42.76	153.07	73.78	0.91
3900.00	4.12	53.72	3895.07	46.95	152.75	46.95	159.80	72.92	0.08
4000.00	3.73	53.28	3994.84	51.01	158.25	51.01	166.27	72.13	0.39
4100.00	3.49	51.96	4094.64	54.83	163.25	54.83	172.21	71.43	0.26
4200.00	3.56	51.71	4194.45	58.63	168.08	58.63	178.01	70.77	0.08
4300.00	4.23	59.64	4294.22	62.42	173.70	62.42	184.57	70.23	0.86
4400.00	5.36	69.42	4393.87	65.92	181.26	65.92	192.87	70.01	1.40
4500.00	6.04	74.86	4493.38	68.94	190.71	68.94	202.79	70.13	0.87
4600.00	6.38	75.62	4592.79	71.70	201.18	71.70	213.58	70.39	0.35
4700.00	7.49	78.35	4692.06	74.39	212.96	74.39	225.58	70.74	1.16
4800.00	8.10	77.32	4791.13	77.26	226.22	77.26	239.04	71.14	0.62
4900.00	8.54	82.29	4890.08	79.80	240.45	79.80	253.34	71.64	0.84
5000.00	8.50	82.62	4988.98	81.75	255.13	81.75	267.91	72.23	0.06
5100.00	7.74	82.08	5087.97	83.62	269.14	83.62	281.83	72.74	0.76
5200.00	6.35	85.83	5187.21	84.95	281.33	84.95	293.88	73.20	1.46
5300.00	4.78	82.67	5286.74	85.89	290.99	85.89	303.40	73.56	1.60
5400.00	4.41	93.08	5386.42	86.21	298.96	86.21	311.15	73.91	0.91
5500.00	3.57	95.09	5486.18	85.73	305.90	85.73	317.69	74.34	0.86
5600.00	3.46	91.60	5585.99	85.37	312.02	85.37	323.49	74.70	0.24
5700.00	2.32	96.43	5685.86	85.06	317.05	85.06	328.27	74.98	1.17

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	2.17	88.94	5785.78	84.87	320.96	84.87	331.99	75.19	0.33
5900.00	1.77	91.48	5885.72	84.86	324.40	84.86	335.32	75.34	0.41
6000.00	2.05	101.28	5985.67	84.47	327.70	84.47	338.42	75.55	0.43
6100.00	1.46	89.72	6085.62	84.13	330.73	84.13	341.27	75.73	0.68
6200.00	0.85	72.89	6185.60	84.35	332.72	84.35	343.25	75.77	0.69
6300.00	0.65	91.17	6285.59	84.56	333.99	84.56	344.53	75.79	0.31
6400.00	0.56	85.95	6385.59	84.58	335.05	84.58	345.56	75.83	0.11
6500.00	0.48	91.33	6485.58	84.61	335.95	84.61	346.44	75.86	0.09
6600.00	0.08	98.25	6585.58	84.59	336.44	84.59	346.91	75.89	0.40
6700.00	0.27	89.57	6685.58	84.58	336.74	84.58	347.20	75.90	0.19
6800.00	0.05	216.65	6785.58	84.55	336.95	84.55	347.39	75.91	0.30
6900.00	0.22	244.81	6885.58	84.43	336.75	84.43	347.17	75.92	0.17
7000.00	0.29	171.21	6985.58	84.10	336.62	84.10	346.96	75.97	0.31
7100.00	0.44	204.24	7085.58	83.50	336.50	83.50	346.70	76.06	0.25
7200.00	0.58	237.27	7185.57	82.88	335.91	82.88	345.99	76.14	0.32
7300.00	0.85	221.55	7285.56	82.05	334.99	82.05	344.89	76.24	0.33
7400.00	1.12	205.83	7385.55	80.61	334.07	80.61	343.66	76.43	0.38
7500.00	0.77	194.25	7485.54	79.07	333.48	79.07	342.73	76.66	0.40
7600.00	0.41	188.67	7585.53	78.07	333.26	78.07	342.28	76.82	0.36
7700.00	0.43	217.46	7685.53	77.41	332.98	77.41	341.86	76.91	0.21
7800.00	0.44	246.26	7785.52	76.96	332.39	76.96	341.19	76.96	0.22
7900.00	0.51	219.35	7885.52	76.46	331.76	76.46	340.46	77.02	0.23
8000.00	0.57	192.45	7985.52	75.64	331.37	75.64	339.90	77.14	0.26
8100.00	0.85	194.58	8085.51	74.43	331.08	74.43	339.34	77.33	0.28
8200.00	1.13	196.72	8185.49	72.77	330.61	72.77	338.52	77.59	0.29
8300.00	1.39	190.36	8285.47	70.62	330.10	70.62	337.57	77.92	0.30
8400.00	1.65	186.00	8385.43	67.99	329.73	67.99	336.67	78.35	0.28
8500.00	1.75	182.84	8485.39	65.02	329.51	65.02	335.86	78.84	0.14
8600.00	1.85	177.68	8585.34	61.88	329.50	61.88	335.26	79.36	0.19
8700.00	1.94	180.56	8685.29	58.57	329.55	58.57	334.71	79.92	0.13
8800.00	2.04	183.44	8785.23	55.10	329.42	55.10	334.00	80.50	0.14
8900.00	2.05	187.77	8885.16	51.55	329.07	51.55	333.09	81.10	0.16
9000.00	1.63	201.39	8985.11	48.45	328.31	48.45	331.87	81.60	0.60
9100.00	1.32	207.32	9085.08	46.11	327.27	46.11	330.50	81.98	0.35
9200.00	1.47	222.99	9185.05	44.15	325.86	44.15	328.84	82.28	0.41
9300.00	1.17	210.46	9285.02	42.33	324.47	42.33	327.22	82.57	0.41
9400.00	0.67	204.09	9385.01	40.92	323.71	40.92	326.29	82.80	0.51
9500.00	0.48	201.67	9485.00	40.00	323.32	40.00	325.79	82.95	0.19
9600.00	0.86	221.38	9585.00	39.05	322.68	39.05	325.03	83.10	0.44

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
9700.00	0.81	243.37	9684.99	38.18	321.55	38.18	323.81	83.23	0.32
9800.00	0.63	300.14	9784.98	38.14	320.44	38.14	322.71	83.21	0.70
9900.00	1.46	306.00	9884.96	39.16	318.94	39.16	321.33	83.00	0.83
10000.00	1.52	328.62	9984.93	41.04	317.22	41.04	319.86	82.63	0.59
10100.00	1.80	327.72	10084.89	43.51	315.69	43.51	318.67	82.15	0.28
10200.00	1.67	305.22	10184.84	45.67	313.66	45.67	316.97	81.72	0.69
10300.00	1.44	299.78	10284.81	47.14	311.38	47.14	314.93	81.39	0.27
10362.00	0.73	292.41	10346.79	47.67	310.34	47.67	313.98	81.27	1.17



Vaughn Energy Services
(432) 563-5444
Gardendale, TX
Surveyor: Dustin Wedel
Taipan 10 State Com No. 001H / API 30-025-40743





30025-40743

HOBBS OCD

MAR 01 2013

RECEIVED

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
333 W. Sherridan Ave
Oklahoma City, OK, 73102

Date: November 28, 2012

Attention: Kurtis Schmitz

Re: Devon Energy
Well: Taipan 10 State Com 1H
Lea 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:

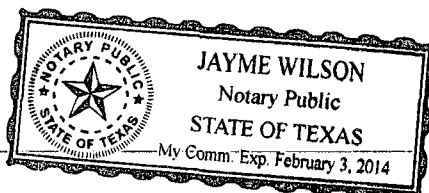
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Dave Latch	1H	10400' MD	11/17/2012	Measurement
MWD Supervisor		16021' MD	11/28/2012	While Drilling

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 Ops Coordinator

On this, the 28th day of November, 2012, 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.

Notary Public



Taipan 10 State Com #1H
Lea County, New Mexico

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	11556.00	79.13	351.24	11249.17	623.02	219.86	0.00	0.00	602.86	
2	11616.00	83.53	350.29	11258.21	681.55	210.34	7.50	347.88	661.98	
3	11712.43	92.00	352.18	11261.97	776.69	195.68	9.00	12.65	758.00	
4	12594.52	92.00	352.18	11231.19	1650.06	75.81	0.00	0.00	1638.26	
5	12662.32	90.00	351.81	11230.00	1717.19	66.37	3.00	-169.49	1705.94	
6	16077.64	90.00	351.81	11230.00	5097.70	-419.94	0.00	0.00	5114.97	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Taipan #1H	0.00	0.00	477932.27	778246.63	32°18'41.675N	103°33'59.368W	N/A

TARGET DETAILS

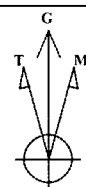
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	11230.00	5097.70	-419.94	483029.97	777826.69	Rectangle (4542x50)

SITE DETAILS

Taipan 10 State Com #1H
Site Centre Northing: 477932.27
Easting: 778246.63
Ground Level: 3700.40
Positional Uncertainty: 0.00
Convergence: 0.41

LEGEND

- Taipan #1H, Plan #3
- Taipan #1H, Gyro
- BM 15 State Com #2H (Lateral)
- BM 15 State Com #2H (Pilot)
- Wft Svy



Azimuths to Grid North
True North: -0.41°
Magnetic North: 6.99°

Magnetic Field
Strength: 48541nT
Dip Angle: 60.23°
Date: 12/31/2012
Model: IGRF2010

Total Correction to Grid North: 6.99°

FIELD DETAILS

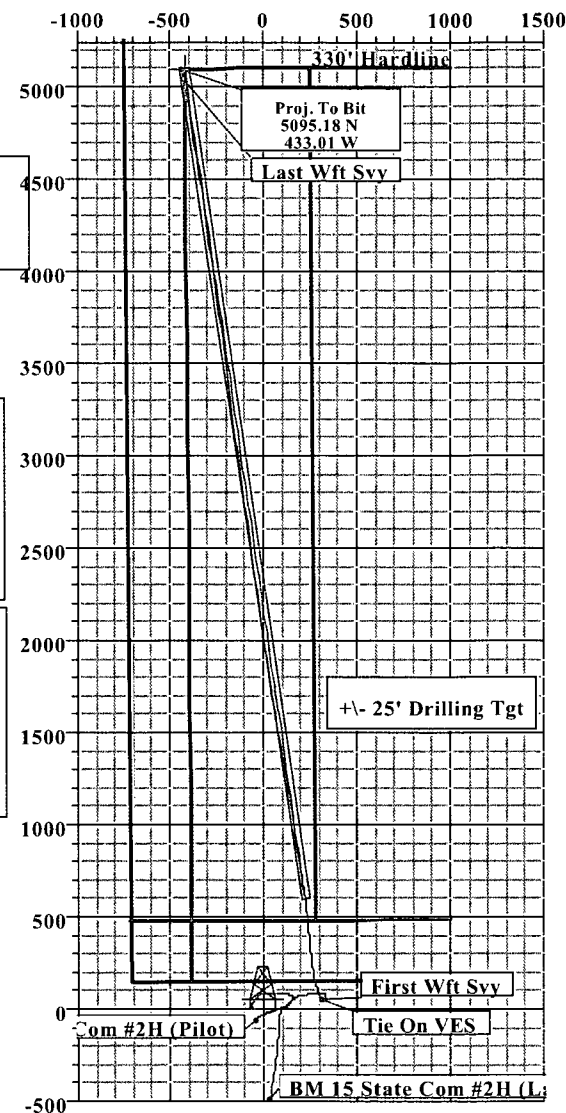
Lea County, New Mexico (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

Survey: Wft Svy (Taipan #1H/I)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
84	16079.00	91.92	350.85	11219.78	5095.18	-433.01	0.17	0.00	5113.53

Vertical Section at 355.29° [500ft/in]

West(-)/East(+) [1000ft/in]



Survey: Wft Svy (Taipan #1H/I)

Created By: Russell W. Joyner

Date: 11/28/2012



Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy Date: 11/28/2012 Time: 06:53:34 Page: 1
Field: Lea County, New Mexico (NAD 83) Co-ordinate(NE) Reference: Well: Taipan #1H, Grid North
Site: Taipan 10 State Com #1H Vertical (TVD) Reference: SITE 3725.4
Well: Taipan #1H Section (VS) Reference: Well (0.00N,0.00E,355.29Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy Start Date: 11/19/2012
Company: Weatherford International Ltd. Engineer: Russell Joyner
Tool: MWD/MWD - Standard Tied-to: User Defined

Field: Lea County, New Mexico (NAD 83)

Map System: JS 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: IGRF2010

Site: Taipan 10 State Com #1H

Site Position: Northing: 477932.27 ft Latitude: 32 18 41.675 N
From: Map Easting: 778246.63 ft Longitude: 103 33 59.368 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3700.40 ft Grid Convergence: 0.41 deg

Well: Taipan #1H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 477932.27 ft Latitude: 32 18 41.675 N
+E/-W 0.00 ft Easting: 778246.63 ft Longitude: 103 33 59.368 W
Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
Current Datum: SITE Height 3725.40 ft Tie-on Depth: 0.00 ft
Magnetic Data: 12/31/2012 Above System Datum: Mean Sea Level
Field Strength: 48541 nT Declination: 7.40 deg
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
ft ft ft deg
0.00 0.00 0.00 355.29

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
10362.00	0.73	292.41	10346.79	47.67	310.34	0.00	22.03	477979.94	778556.97	Tie On VES First Wft Svy
10400.00	0.79	285.77	10384.79	47.83	309.86	0.28	22.23	477980.10	778556.49	
10500.00	1.01	278.85	10484.77	48.16	308.33	0.24	22.68	477980.43	778554.96	
10600.00	1.48	283.42	10584.75	48.59	306.20	0.48	23.28	477980.86	778552.83	
10642.00	1.44	286.54	10626.74	48.87	305.17	0.21	23.64	477981.14	778551.80	
10674.00	1.75	318.58	10658.72	49.35	304.46	2.90	24.18	477981.62	778551.09	
10705.00	5.49	343.23	10689.66	51.12	303.72	12.80	26.01	477983.39	778550.35	
10736.00	10.69	345.06	10720.34	55.32	302.55	16.79	30.30	477987.59	778549.18	
10768.00	15.09	341.13	10751.53	62.14	300.44	14.01	37.26	477994.41	778547.07	
10800.00	19.21	342.69	10782.10	71.11	297.52	12.95	46.44	478003.38	778544.15	
10831.00	23.68	344.33	10810.94	81.98	294.32	14.55	57.53	478014.25	778540.95	
10863.00	29.05	345.97	10839.61	95.71	290.70	16.93	71.52	478027.98	778537.33	
10894.00	32.12	346.01	10866.29	111.01	286.88	9.90	87.08	478043.28	778533.51	
10926.00	34.09	346.53	10893.09	127.99	282.73	6.22	104.34	478060.26	778529.36	
10957.00	35.88	347.11	10918.49	145.30	278.68	5.87	121.92	478077.57	778525.31	
10989.00	38.61	347.89	10943.96	164.20	274.50	8.66	141.11	478096.47	778521.13	
11020.00	41.39	348.95	10967.71	183.72	270.50	9.23	160.89	478115.99	778517.13	
11052.00	42.66	351.91	10991.48	204.84	266.95	7.35	182.23	478137.11	778513.58	
11083.00	43.38	353.28	11014.15	225.82	264.22	3.81	203.36	478158.09	778510.85	
11115.00	43.73	353.74	11037.34	247.73	261.73	1.48	225.40	478180.00	778508.36	
11146.00	44.98	353.29	11059.50	269.26	259.28	4.16	247.06	478201.53	778505.91	
11178.00	47.02	353.21	11081.73	292.12	256.58	6.38	270.06	478224.39	778503.21	
11210.00	50.41	352.95	11102.84	315.98	253.68	10.61	294.09	478248.25	778500.31	
11241.00	52.00	353.47	11122.26	339.97	250.83	5.29	318.23	478272.24	778497.46	



Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Taipan 10 State Corn #1H
Well: Taipan #1H
Wellpath: 1

Date: 11/28/2012 Time: 06:53:34 Page: 2
Co-ordinate(NE) Reference: Well: Taipan #1H, Grid North
Vertical (TVD) Reference: SITE 3725.4
Section (VS) Reference: Well (0.00N,0.00E,355.29Azi)
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
11273.00	54.01	354.93	11141.52	365.40	248.25	7.26	343.78	478297.67	778494.88	
11304.00	57.03	355.88	11159.07	390.87	246.20	10.06	369.33	478323.14	778492.83	
11336.00	60.82	355.47	11175.58	418.19	244.14	11.89	396.73	478350.46	778490.77	
11367.00	63.08	355.05	11190.16	445.46	241.87	7.39	424.09	478377.73	778488.50	
11399.00	66.33	354.35	11203.83	474.26	239.20	10.35	453.02	478406.53	778485.83	
11430.00	69.72	353.60	11215.43	502.84	236.18	11.16	481.75	478435.11	778482.81	
11462.00	72.16	352.58	11225.88	532.87	232.54	8.20	511.97	478465.14	778479.17	
11493.00	74.45	352.40	11234.78	562.30	228.66	7.41	541.63	478494.57	778475.29	
11525.00	76.85	351.73	11242.71	593.01	224.38	7.77	572.58	478525.28	778471.01	
11556.00	79.13	351.24	11249.16	622.99	219.89	7.52	602.83	478555.26	778466.52	
11588.00	81.98	350.97	11254.41	654.17	215.01	8.95	634.31	478586.44	778461.64	
11613.00	85.08	351.13	11257.23	678.71	211.14	12.42	659.08	478610.98	778457.77	
11715.00	91.95	350.60	11259.87	779.32	194.96	6.76	760.68	478711.59	778441.59	
11809.00	92.58	350.78	11256.16	872.01	179.77	0.70	854.30	478804.28	778426.40	
11904.00	93.15	350.35	11251.41	965.61	164.22	0.75	948.86	478897.88	778410.85	
11999.00	93.01	353.93	11246.30	1059.56	151.25	3.77	1043.57	478991.83	778397.88	
12093.00	92.93	350.51	11241.43	1152.56	138.54	3.63	1137.29	479084.83	778385.17	
12188.00	93.57	350.12	11236.04	1246.05	122.58	0.79	1231.78	479178.32	778369.21	
12282.00	94.01	350.72	11229.83	1338.54	106.97	0.79	1325.24	479270.81	778353.60	
12377.00	94.49	350.56	11222.79	1432.02	91.57	0.53	1419.66	479364.29	778338.20	
12471.00	93.79	350.40	11216.00	1524.48	76.06	0.76	1513.09	479456.75	778322.69	
12566.00	93.36	349.91	11210.08	1617.90	59.85	0.69	1607.52	479550.17	778306.48	
12661.00	89.30	351.04	11207.88	1711.54	44.14	4.44	1702.14	479643.81	778290.77	
12755.00	87.69	351.67	11210.34	1804.44	30.01	1.84	1795.88	479736.71	778276.64	
12850.00	87.75	351.47	11214.12	1898.34	16.10	0.22	1890.61	479830.61	778262.73	
12945.00	87.70	351.82	11217.90	1992.25	2.30	0.37	1985.34	479924.52	778248.93	
13040.00	87.76	352.17	11221.66	2086.26	-10.92	0.37	2080.11	480018.53	778235.71	
13134.00	88.67	352.37	11224.59	2179.35	-23.55	0.99	2173.93	480111.62	778223.08	
13229.00	89.79	352.44	11225.86	2273.51	-36.11	1.18	2268.80	480205.78	778210.52	
13323.00	89.86	351.97	11226.15	2366.64	-48.86	0.51	2362.66	480298.91	778197.77	
13418.00	89.79	351.56	11226.44	2460.66	-62.46	0.44	2457.48	480392.93	778184.17	
13512.00	90.42	353.21	11226.27	2553.83	-74.92	1.88	2551.36	480486.10	778171.71	
13607.00	90.77	352.47	11225.28	2648.08	-86.76	0.86	2646.26	480580.35	778159.87	
13702.00	90.21	352.12	11224.47	2742.22	-99.50	0.70	2741.13	480674.49	778147.13	
13796.00	90.77	351.44	11223.66	2835.25	-112.94	0.94	2834.95	480767.52	778133.69	
13891.00	89.51	351.79	11223.43	2929.23	-126.79	1.38	2929.75	480861.50	778119.84	
13985.00	89.30	351.51	11224.41	3022.23	-140.44	0.37	3023.56	480954.50	778106.19	
14079.00	88.54	352.79	11226.18	3115.33	-153.27	1.58	3117.40	481047.60	778093.36	
14174.00	88.74	352.59	11228.44	3209.53	-165.36	0.30	3212.27	481141.80	778081.27	
14269.00	89.44	353.06	11229.94	3303.78	-177.22	0.89	3307.17	481236.05	778069.41	
14363.00	89.93	353.15	11230.46	3397.09	-188.51	0.53	3401.10	481329.36	778058.12	
14458.00	90.21	352.84	11230.34	3491.38	-200.09	0.44	3496.02	481423.65	778046.54	
14552.00	90.77	352.97	11229.54	3584.66	-211.70	0.61	3589.94	481516.93	778034.93	
14647.00	90.77	353.05	11228.26	3678.95	-223.26	0.08	3684.86	481611.22	778023.37	
14741.00	90.21	352.45	11227.46	3772.19	-235.13	0.87	3778.76	481704.46	778011.50	
14836.00	89.86	351.87	11227.40	3866.30	-248.08	0.71	3873.62	481798.57	777998.55	
14930.00	89.79	352.49	11227.69	3959.43	-260.87	0.66	3967.48	481891.70	777985.76	
15025.00	89.79	352.22	11228.04	4053.58	-273.51	0.28	4062.35	481985.85	777973.12	
15120.00	89.72	352.08	11228.44	4147.69	-286.49	0.16	4157.21	482079.96	777960.14	
15214.00	89.09	351.82	11229.42	4240.76	-299.65	0.73	4251.04	482173.03	777946.98	
15309.00	88.95	351.37	11231.04	4334.72	-313.53	0.50	4345.83	482266.99	777933.10	
15403.00	88.60	351.13	11233.05	4427.61	-327.83	0.45	4439.58	482359.88	777918.80	



Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Taipan 10 State Com #1H
Well: Taipan #1H
Wellpath: 1

Date: 11/28/2012 Time: 06:53:34 Page: 3
Co-ordinate(NE) Reference: Well: Taipan #1H, Grid North
Vertical (TVD) Reference: SITE 3725.4
Section (VS) Reference: Well (0.00N,0.00E,355.29Azi)
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
15498.00	90.49	351.49	11233.81	4521.51	-342.18	2.03	4534.34	482453.78	777904.45	
15593.00	91.47	350.94	11232.18	4615.38	-356.69	1.18	4629.08	482547.65	777889.94	
15687.00	91.47	351.15	11229.77	4708.21	-371.32	0.22	4722.80	482640.48	777875.31	
15782.00	91.62	351.28	11227.21	4802.06	-385.82	0.21	4817.52	482734.33	777860.81	
15877.00	91.05	350.90	11225.00	4895.88	-400.53	0.72	4912.24	482828.15	777846.10	
15971.00	91.33	350.52	11223.05	4988.63	-415.70	0.50	5005.92	482920.90	777830.93	
16021.00	91.82	350.85	11221.67	5037.95	-423.79	1.18	5055.74	482970.22	777822.84	Last Wft Svy
16079.00	91.92	350.85	11219.78	5095.18	-433.01	0.17	5113.53	483027.45	777813.62	Proj. To Bit

Annotation

MD ft	TVD ft	
10362.00	10346.79	Tie On VES
10400.00	10384.79	First Wft Svy
16021.00	11221.67	Last Wft Svy
16079.00	11219.78	Proj. To Bit



Stimulations Summary

District PERMIAN BASIN		County LEA		Field Name JOHNSON RANCH		Project Group PB NEW MEXICO		State/Province NM		
Surface Legal Location SEC15 T23S R33E		API/UWI 3002540743		Latitude (°) 32° 18' 41.684" N	Longitude (°) 103° 33' 59.35" W	Ground Elev... 3,700.40	KB - GL (ft) 25.00	Orig KB Elev (ft) 3,725.40	Tubing Head Elevation (ft)	
HYDRAULIC FRAC , 1/2/2013 10:55 , BONE SPRING, OH , 15,565.0 ftkB - 16,002.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 158476.7 LB; OTT										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	5021.40	3,183.0	4,400.0		3,806.0	7,532.0	68	7,909.0	80	4.00
HYDRAULIC FRAC , 1/2/2013 15:30 , BONE SPRING, OH , 14,985.0 ftkB - 15,422.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 158270.5 LB; OTT										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	5053.80	3,183.0	3,828.0		3,828.0	7,417.0	71	7,830.0	80	4.00
HYDRAULIC FRAC , 1/3/2013 08:55 , BONE SPRING, OH , 14,405.0 ftkB - 14,842.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 158026.3 LB; OTT										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	5025.10	3,100.0	3,940.0		3,940.0	7,345.0	71	7,791.0	80	4.00
HYDRAULIC FRAC , 1/3/2013 15:41 , BONE SPRING, OH , 13,825.0 ftkB - 14,262.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 158026.3 LB; OTT										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	5025.10	3,335.0	3,801.0		3,801.0	7,020.0	80	7,597.0	80	4.00
HYDRAULIC FRAC , 1/4/2013 07:29 , BONE SPRING, OH , 13,245.0 ftkB - 13,682.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 158131.1 LB; SUP										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	4972.70	3,300.0	3,951.0		3,951.0	7,338.0	78	7,632.0	80	4.00
HYDRAULIC FRAC , 1/4/2013 12:26 , BONE SPRING, OH , 12,665.0 ftkB - 13,102.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 158065.6 LB; SUP										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	4956.30	3,260.0	4,099.0		4,099.0	6,905.0	76	7,661.0	80	4.00
HYDRAULIC FRAC , 1/4/2013 15:58 , BONE SPRING, OH , 11,851.0 ftkB - 12,288.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 157951.3 LB; SUP										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	4952.80	3,400.0	4,224.0		4,224.0	6,758.0	79	7,756.0	80	4.00
HYDRAULIC FRAC , 1/4/2013 22:37 , BONE SPRING, OH , 11,505.0 ftkB - 11,942.0 ftkB, BAKER HUGHES , OTTAWA Bulk Sand 182656.9 LB; SUP										
Proppant De...	Total Clean Volu...	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P Break (psi)	ISIP (psi)	Avg Treat Pressur...	Q Treat Avg (bbl/...	P Max (psi)	Q Treat Max (bbl/...	Conc Max...
265,500.1	5894.60	3,018.0	3,452.0		4,266.0	7,204.0	76	7,768.0	80	4.00