

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0770
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87604
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) 476-3461

HOBBS OCS

APR 26 2013

RECEIVED

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30025-41143	² Pool Code 7320	³ Pool Name Brinninstool JOHNSON RANCH; BONE SPRING
⁴ Property Code 39429	⁵ Property Name TAIPAN 10 STATE COM	
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	
		⁶ Well Number 2H
		⁹ Elevation 3705.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	15	23 S	33 E		200	NORTH	2420	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	10	23 S	33 E		330	NORTH	1980	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

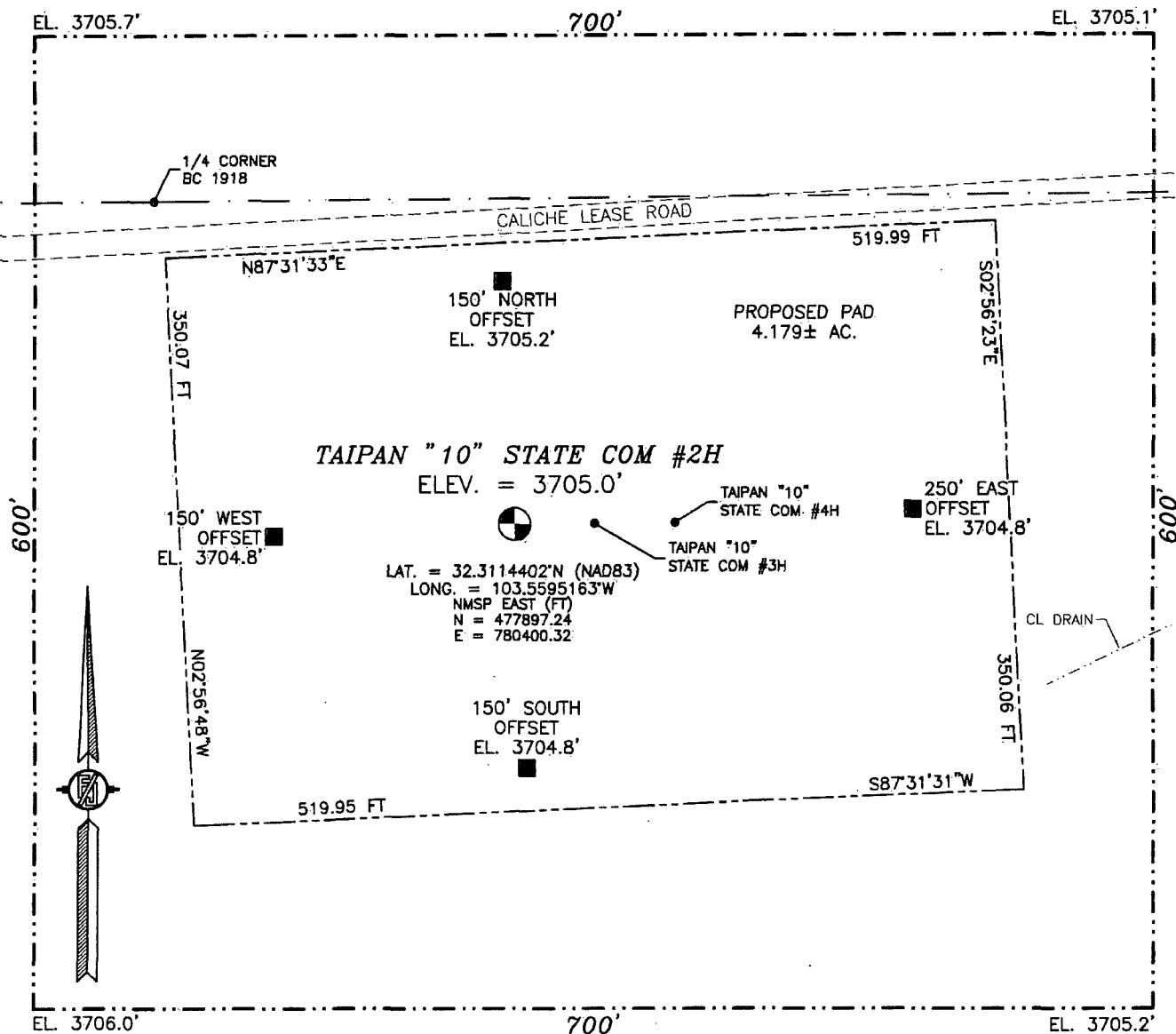
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 10 LAT. = 32.3265057°N LONG. = 103.5687963°W NMSP EAST (FT) N = 483357.53 E = 777494.17 1980' BOTTOM OF HOLE 330' BOTTOM OF HOLE LAT. = 32.3256029°N LONG. = 103.5623892°W NMSP EAST (FT) N = 483043.25 E = 779475.67 W/4 CORNER SEC. 10 COMPUTED SECTION CORNER LAT. = 32.3119892°N LONG. = 103.5602426°W NMSP EAST (FT) N = 478095.37 E = 780174.48 QUARTER CORNER LAT. = 32.3119892°N LONG. = 103.5602426°W NMSP EAST (FT) N = 478095.37 E = 780174.48 W/4 CORNER SEC. 15 LAT. = 32.3047319°N LONG. = 103.5687767°W NMSP EAST (FT) N = 475436.25 E = 777556.76 SW CORNER SEC. 15 LAT. = 32.2974665°N LONG. = 103.5688344°W NMSP EAST (FT) N = 472792.98 E = 777557.76 SE CORNER SEC. 15 LAT. = 32.2974530°N LONG. = 103.5516743°W NMSP EAST (FT) N = 472826.29 E = 782860.18 NE CORNER SEC. 10 LAT. = 32.3265050°N LONG. = 103.5516842°W NMSP EAST (FT) N = 483395.41 E = 782780.05 E/4 CORNER SEC. 10 LAT. = 32.3192397°N LONG. = 103.5516795°W NMSP EAST (FT) N = 480752.27 E = 782800.78 SECTION CORNER LAT. = 32.3119976°N LONG. = 103.5516853°W NMSP EAST (FT) N = 478117.59 E = 782818.20 E/4 CORNER SEC. 15 COMPUTED TAIPAN "10" STATE COM #2H ELEV. = 3705.01 LAT. = 32.3114402°N (NAD83) LONG. = 103.5595163°W NMSP EAST (FT) N = 477897.24 E = 780400.32 NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.		¹⁷ 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. <i>D. H. Cook</i> 4/25/2013 Signature Date David H. Cook Regulatory Specialist Printed Name david.cook@dmn.com E-mail Address ¹⁸ 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 21, 2013 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number: FIDELMONT, SARAMILLO, PLS 12797 SURVEY NO. 1679
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APR 29 2013

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION.

FROM INTERSECTION OF HWY 128 & DELAWARE BASIN ROAD GO NORTH ON DELAWARE BASIN ROAD APPROX. 6.0 MILES TO A LEASE ROAD ON LEFT (WEST) OF ROAD. TURN LEFT (WEST) ON LEASE ROAD GO APPROX. 2.4 MILES TO A LEASE ROAD ON RIGHT (NORTH) TURN RIGHT (NORTH) GO APPROX. 1.0 MILE TO LEASE ROAD ON LEFT (WEST) TURN LEFT (WEST) GO APPROX 0.4 MILE TO LOCATION ON LEFT SOUTH OF ROAD 200 FT.

DEVON ENERGY PRODUCTION COMPANY, L.P.

TAIPAN "10" STATE COM #2H

LOCATED 200 FT. FROM THE NORTH LINE
AND 2420 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MARCH 21, 2013

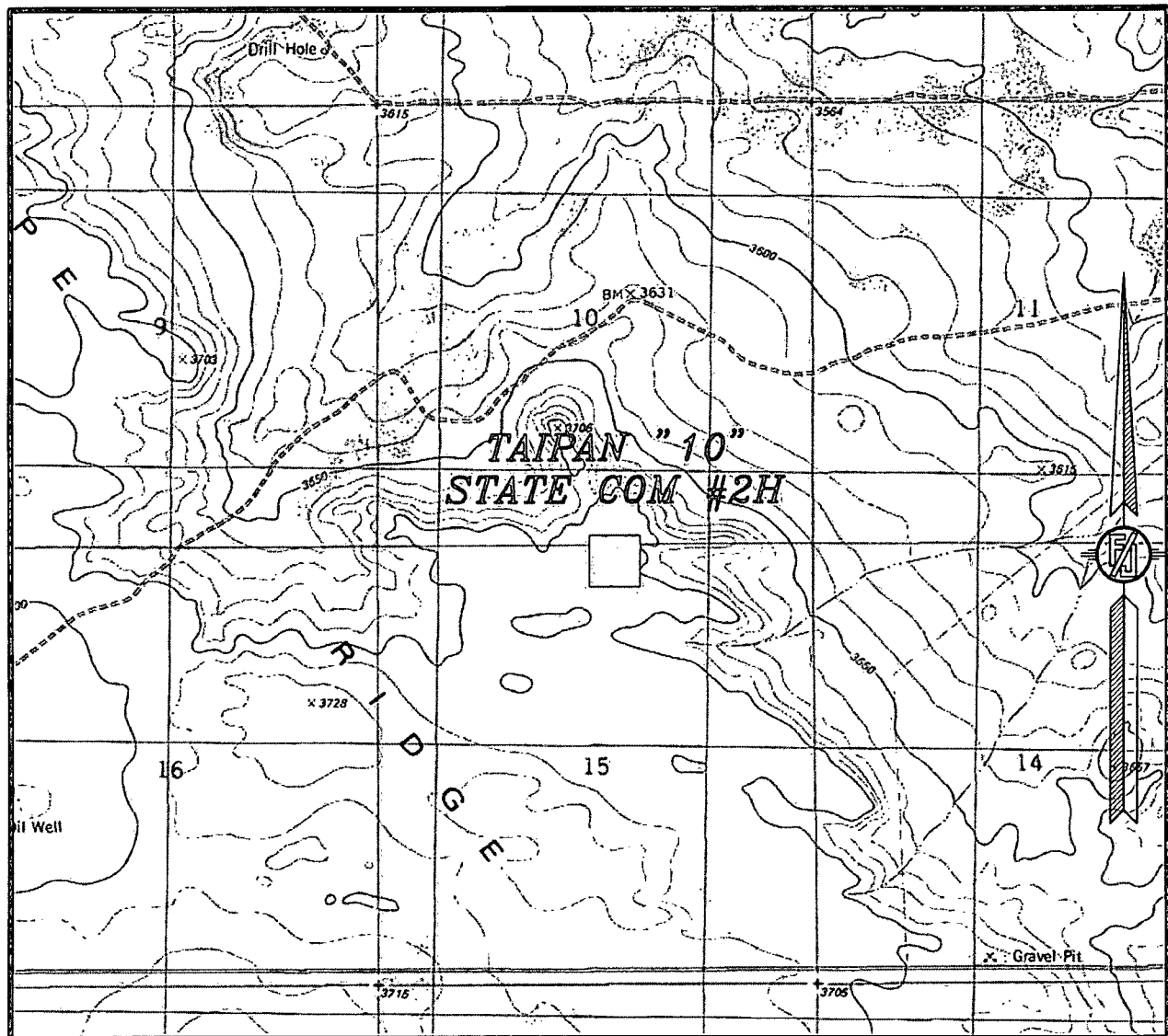
SURVEY NO. 1679

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
TIP TIP WELLS

NOT TO SCALE

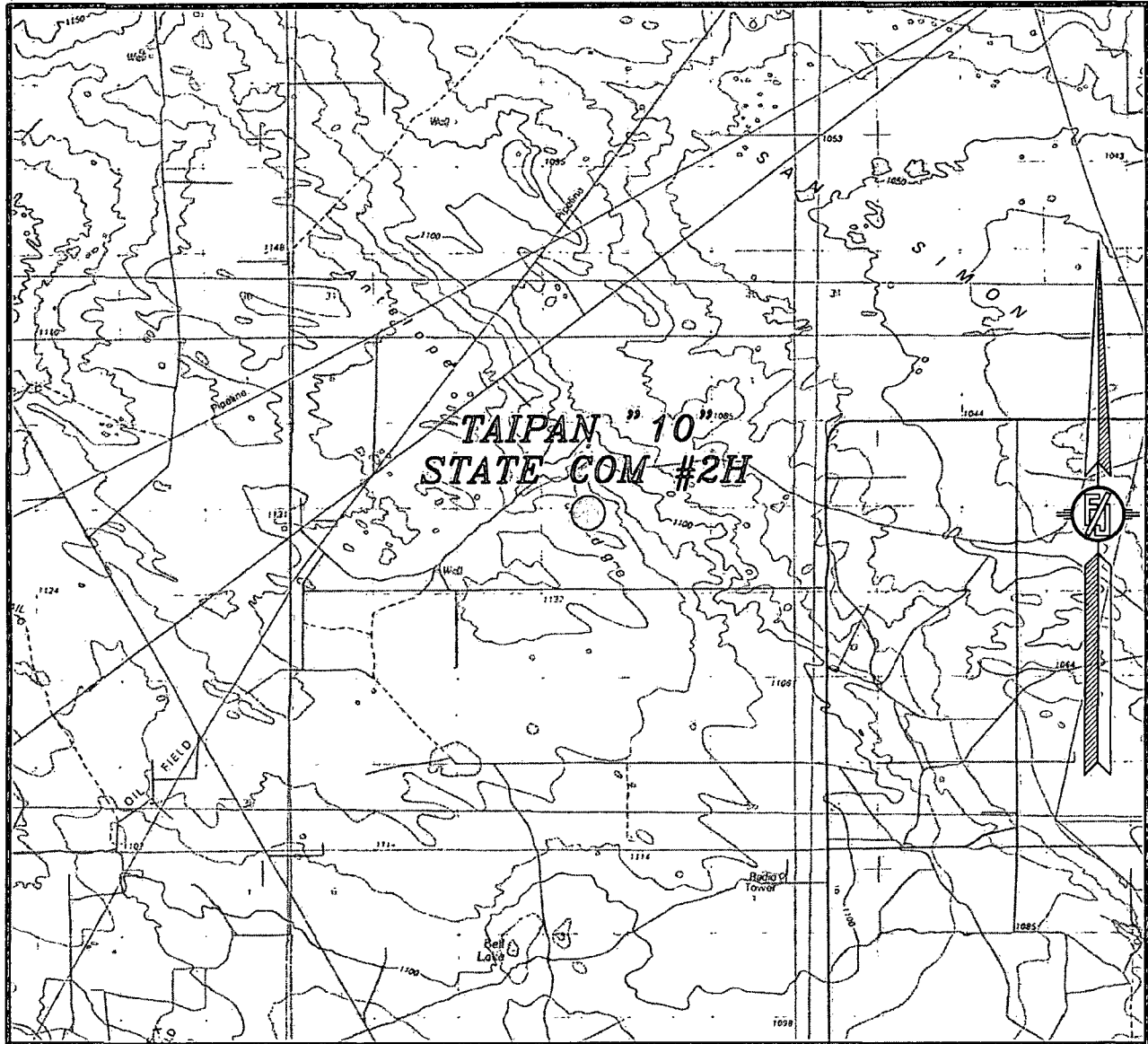
DEVON ENERGY PRODUCTION COMPANY, L.P.
TAIPAN "10" STATE COM #2H
LOCATED 200 FT. FROM THE NORTH LINE
AND 2420 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MARCH 21, 2013

SURVEY NO. 1679

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

TAIPAN "10" STATE COM #2H

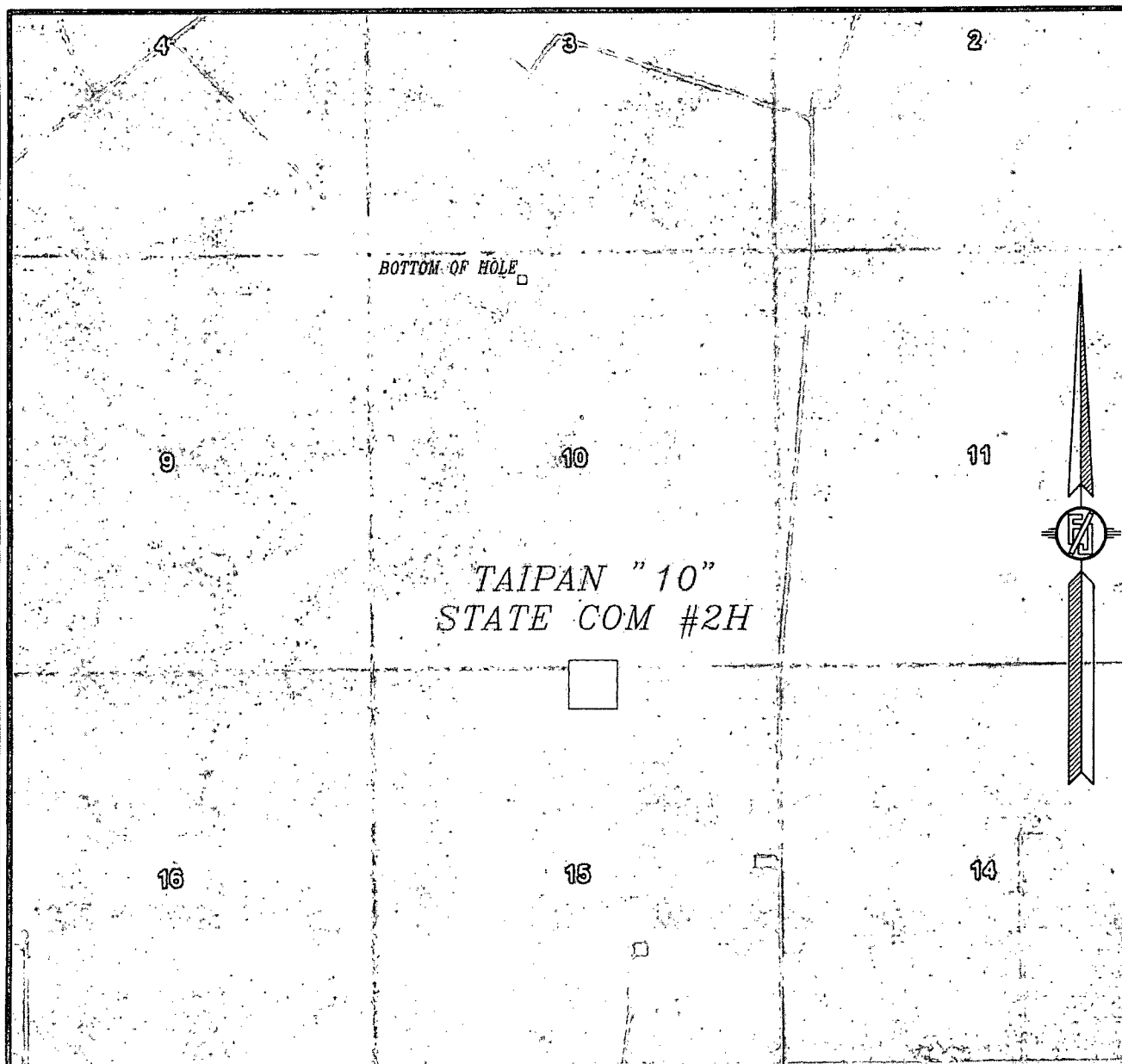
LOCATED 200 FT. FROM THE NORTH LINE
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SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MARCH 21, 2013

SURVEY NO. 1679

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
MARCH 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.

TAIPAN "10" STATE COM #2H

LOCATED 200 FT. FROM THE NORTH LINE
AND 2420 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MARCH 21, 2013

SURVEY NO. 1679

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



Weatherford[®]

Drilling Services

Proposal



devon

TAIPAN 10 STATE COM #2H

LEA COUNTY, NM

WELL FILE: **PLAN 1**

APRIL 11, 2013

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

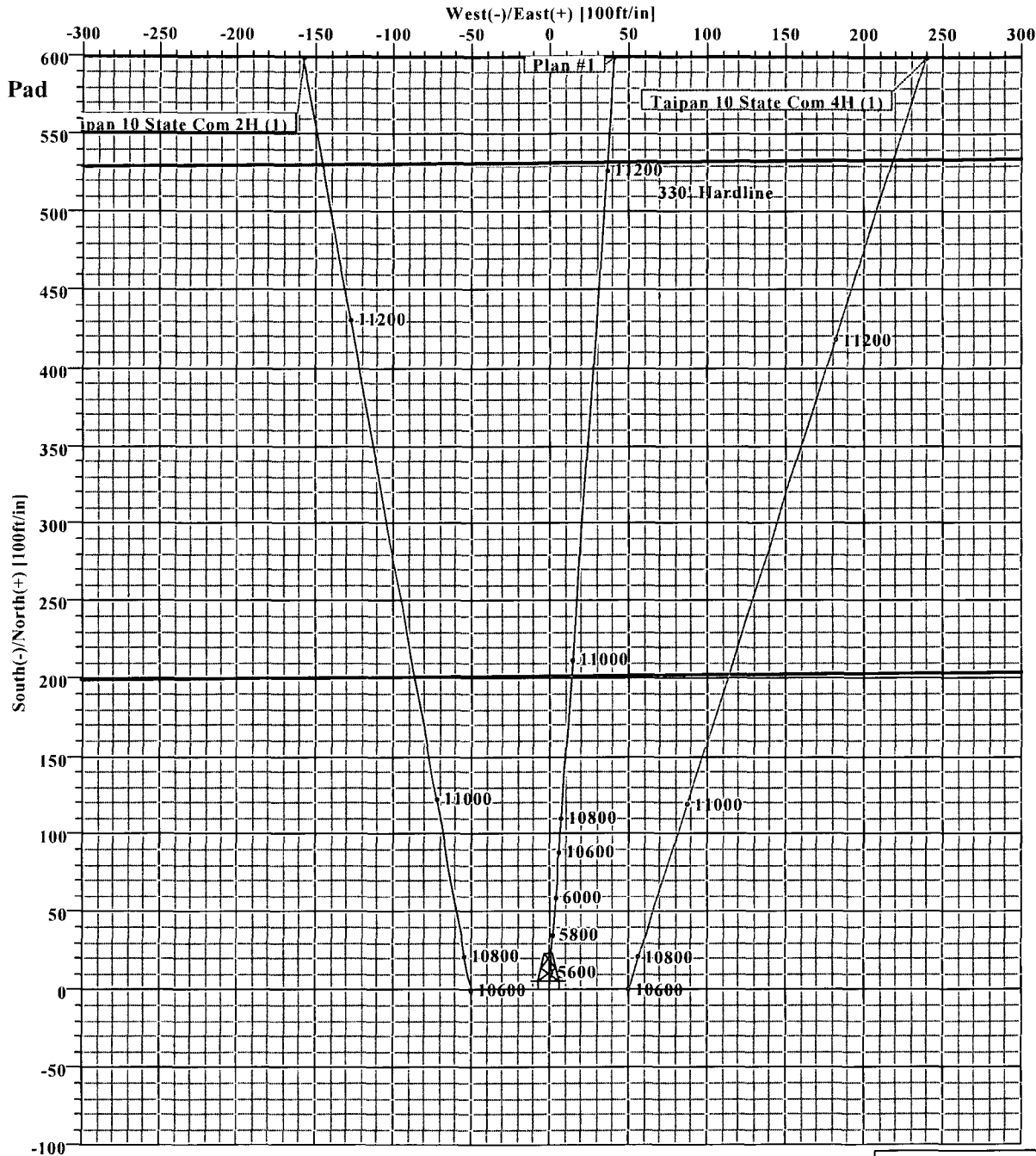
www.weatherford.com



Taipan 10 State Com 2,3,4H Pad
Lea County, New Mexico



Weatherford



Plan: Plan #1 (Taipan 10 State Com 3H/1)

Created By: Russell W. Joyner

Date: 4/11/2013



Taipan 10 State Com 2H
Lea County, New Mexico

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	349.81	0.00	0.00	0.00	0.00	0.00	0.00	
2	10643.05	0.00	349.81	10643.05	0.00	0.00	0.00	0.00	0.00	
3	11546.87	90.38	349.81	11216.00	567.68	-102.00	10.00	349.81	576.78	
4	16198.62	90.38	349.81	11185.00	5146.01	-924.65	0.00	0.00	5228.42	PBHL 2H

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Taipan 10 State Com 2H	0.00	0.00	477897.24	780400.32	32°18'41.175N	103°33'34.277W	N/A

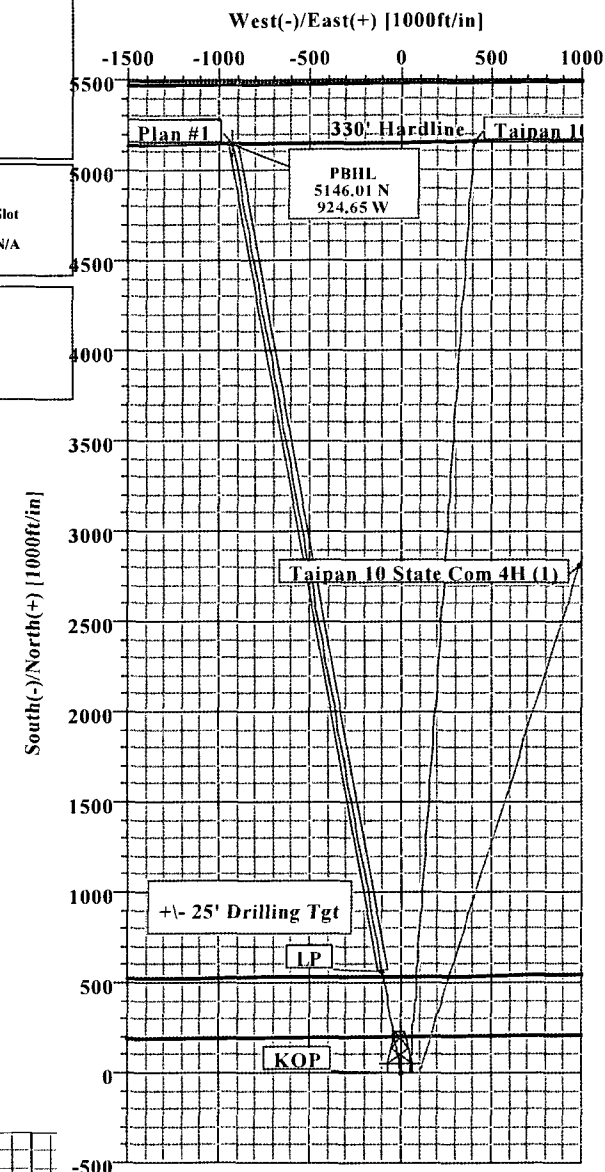
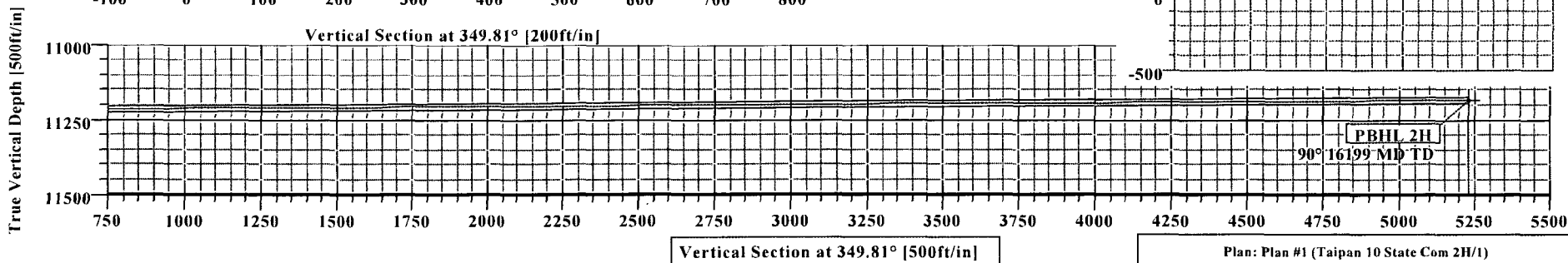
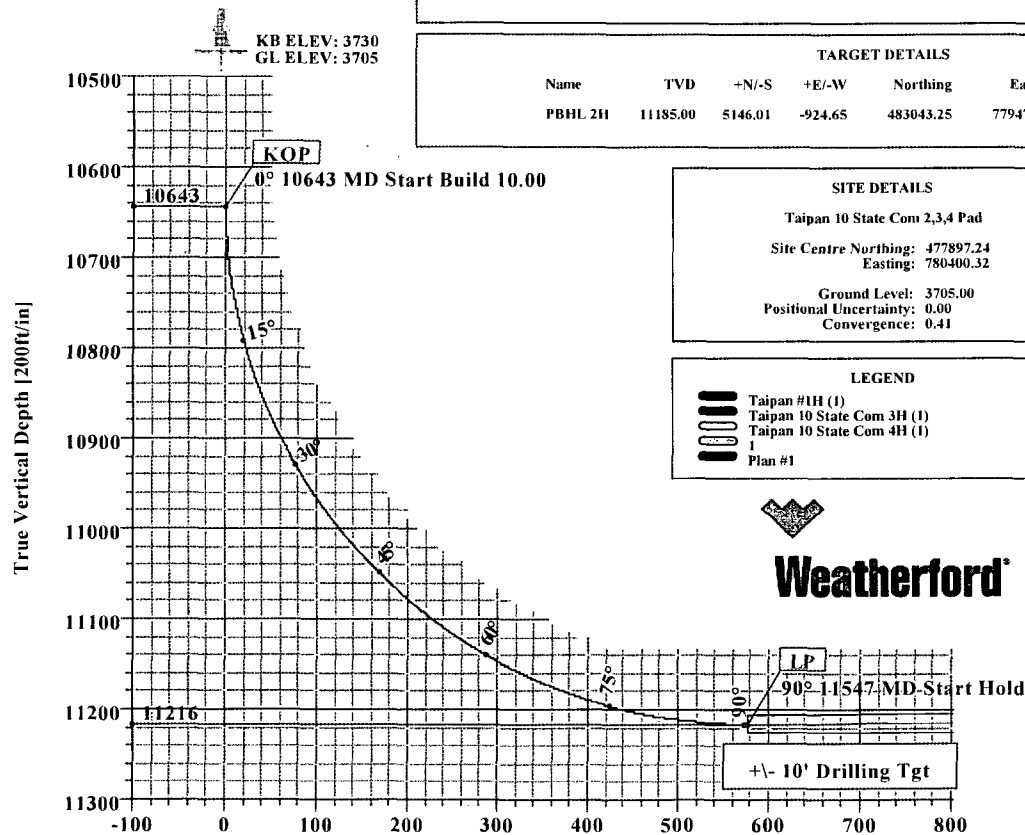
TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL 2H	11185.00	5146.01	-924.65	483043.25	779475.67	Rectangle (4652x50)

SITE DETAILS	
Taipan 10 State Com 2,3,4 Pad	
Site Centre Northing: 477897.24	
Easting: 780400.32	
Ground Level: 3705.00	
Positional Uncertainty: 0.00	
Convergence: 0.41	

LEGEND	
	Taipan #1H (1)
	Taipan 10 State Com 3H (1)
	Taipan 10 State Com 4H (1)
	1
	Plan #1



Weatherford





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Wft Plan Report X Y's.

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 13:59:03 Page: 1
Field: Lea County, New Mexico (NAD 83) Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Site: Taipan 10 State Com 2,3,4 Pad Vertical (TVD) Reference: SITE 3730.0
Well: Taipan 10 State Com 2H Section (VS) Reference: Well (0.00N,0.00E,349.81Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Plan: Plan #1 Date Composed: 4/11/2013
Principal: Yes Version: 1
Tied-to: From Surface

Site: Taipan 10 State Com 2,3,4 Pad

Site Position: Northing: 477897.24 ft Latitude: 32 18 41.175 N
From: Map Easting: 780400.32 ft Longitude: 103 33 34.277 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3705.00 ft Grid Convergence: 0.41 deg

Well: Taipan 10 State Com 2H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 477897.24 ft Latitude: 32 18 41.175 N
+E/-W 0.00 ft Easting: 780400.32 ft Longitude: 103 33 34.277 W
Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
Current Datum: SITE Tie-on Depth: 0.00 ft
Magnetic Data: 8/20/2013 Height 3730.00 ft Above System Datum: Mean Sea Level
Field Strength: 48477 nT Declination: 7.32 deg
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
ft ft ft deg
0.00 0.00 0.00 349.81

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	349.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10643.05	0.00	349.81	10643.05	0.00	0.00	0.00	0.00	0.00	0.00	
11546.87	90.38	349.81	11216.00	567.68	-102.00	10.00	10.00	0.00	349.81	
16198.62	90.38	349.81	11185.00	5146.01	-924.65	0.00	0.00	0.00	0.00	PBHL 2H

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
10600.00	0.00	349.81	10600.00	0.00	0.00	0.00	0.00	477897.24	780400.32	
10643.05	0.00	349.81	10643.05	0.00	0.00	0.00	0.00	477897.24	780400.32	KOP
10700.00	5.70	349.81	10699.91	2.78	-0.50	2.83	10.00	477900.02	780399.82	
10800.00	15.70	349.81	10798.04	21.03	-3.78	21.36	10.00	477918.27	780396.54	
10900.00	25.70	349.81	10891.47	55.76	-10.02	56.66	10.00	477953.00	780390.30	
11000.00	35.70	349.81	10977.35	105.94	-19.04	107.64	10.00	478003.18	780381.28	
11100.00	45.70	349.81	11053.08	170.04	-30.55	172.76	10.00	478067.28	780369.77	
11200.00	55.70	349.81	11116.34	246.10	-44.22	250.04	10.00	478143.34	780356.10	
11300.00	65.70	349.81	11165.23	331.82	-59.62	337.13	10.00	478229.06	780340.70	
11400.00	75.70	349.81	11198.24	424.59	-76.29	431.39	10.00	478321.83	780324.03	
11500.00	85.70	349.81	11214.39	521.60	-93.72	529.95	10.00	478418.84	780306.60	
11546.87	90.38	349.81	11216.00	567.68	-102.00	576.78	10.00	478464.92	780298.32	LP
11600.00	90.38	349.81	11215.64	619.98	-111.40	629.91	0.00	478517.22	780288.92	
11700.00	90.38	349.81	11214.97	718.40	-129.08	729.90	0.00	478615.64	780271.24	
11800.00	90.38	349.81	11214.31	816.82	-146.77	829.90	0.00	478714.06	780253.55	
11900.00	90.38	349.81	11213.64	915.24	-164.45	929.90	0.00	478812.48	780235.87	
12000.00	90.38	349.81	11212.98	1013.66	-182.14	1029.90	0.00	478910.90	780218.18	
12100.00	90.38	349.81	11212.31	1112.09	-199.82	1129.90	0.00	479009.33	780200.50	
12200.00	90.38	349.81	11211.64	1210.51	-217.51	1229.89	0.00	479107.75	780182.81	
12300.00	90.38	349.81	11210.98	1308.93	-235.19	1329.89	0.00	479206.17	780165.13	
12400.00	90.38	349.81	11210.31	1407.35	-252.88	1429.89	0.00	479304.59	780147.44	
12500.00	90.38	349.81	11209.64	1505.77	-270.56	1529.89	0.00	479403.01	780129.76	
12600.00	90.38	349.81	11208.98	1604.19	-288.25	1629.88	0.00	479501.43	780112.07	



Weatherford

Wft Plan Report X Y's.

**Weatherford®**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 2H
Wellpath: 1

Date: 4/11/2013 Time: 13:59:03 Page: 2
Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Vertical (TVD) Reference: SITE 3730.0
Section (VS) Reference: Well (0.00N,0.00E,349.81Azi)
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	MapN ft	MapE ft	Comment
12700.00	90.38	349.81	11208.31	1702.62	-305.93	1729.88	0.00	479599.86	780094.39	
12800.00	90.38	349.81	11207.65	1801.04	-323.62	1829.88	0.00	479698.28	780076.70	
12900.00	90.38	349.81	11206.98	1899.46	-341.30	1929.88	0.00	479796.70	780059.02	
13000.00	90.38	349.81	11206.31	1997.88	-358.98	2029.88	0.00	479895.12	780041.34	
13100.00	90.38	349.81	11205.65	2096.30	-376.67	2129.87	0.00	479993.54	780023.65	
13200.00	90.38	349.81	11204.98	2194.72	-394.35	2229.87	0.00	480091.96	780005.97	
13300.00	90.38	349.81	11204.31	2293.14	-412.04	2329.87	0.00	480190.38	779988.28	
13400.00	90.38	349.81	11203.65	2391.57	-429.72	2429.87	0.00	480288.81	779970.60	
13500.00	90.38	349.81	11202.98	2489.99	-447.41	2529.86	0.00	480387.23	779952.91	
13600.00	90.38	349.81	11202.31	2588.41	-465.09	2629.86	0.00	480485.65	779935.23	
13700.00	90.38	349.81	11201.65	2686.83	-482.78	2729.86	0.00	480584.07	779917.54	
13800.00	90.38	349.81	11200.98	2785.25	-500.46	2829.86	0.00	480682.49	779899.86	
13900.00	90.38	349.81	11200.32	2883.67	-518.15	2929.86	0.00	480780.91	779882.17	
14000.00	90.38	349.81	11199.65	2982.10	-535.83	3029.85	0.00	480879.34	779864.49	
14100.00	90.38	349.81	11198.98	3080.52	-553.52	3129.85	0.00	480977.76	779846.80	
14200.00	90.38	349.81	11198.32	3178.94	-571.20	3229.85	0.00	481076.18	779829.12	
14300.00	90.38	349.81	11197.65	3277.36	-588.89	3329.85	0.00	481174.60	779811.43	
14400.00	90.38	349.81	11196.98	3375.78	-606.57	3429.84	0.00	481273.02	779793.75	
14500.00	90.38	349.81	11196.32	3474.20	-624.26	3529.84	0.00	481371.44	779776.06	
14600.00	90.38	349.81	11195.65	3572.63	-641.94	3629.84	0.00	481469.87	779758.38	
14700.00	90.38	349.81	11194.99	3671.05	-659.62	3729.84	0.00	481568.29	779740.70	
14800.00	90.38	349.81	11194.32	3769.47	-677.31	3829.84	0.00	481666.71	779723.01	
14900.00	90.38	349.81	11193.65	3867.89	-694.99	3929.83	0.00	481765.13	779705.33	
15000.00	90.38	349.81	11192.99	3966.31	-712.68	4029.83	0.00	481863.55	779687.64	
15100.00	90.38	349.81	11192.32	4064.73	-730.36	4129.83	0.00	481961.97	779669.96	
15200.00	90.38	349.81	11191.65	4163.15	-748.05	4229.83	0.00	482060.39	779652.27	
15300.00	90.38	349.81	11190.99	4261.58	-765.73	4329.82	0.00	482158.82	779634.59	
15400.00	90.38	349.81	11190.32	4360.00	-783.42	4429.82	0.00	482257.24	779616.90	
15500.00	90.38	349.81	11189.65	4458.42	-801.10	4529.82	0.00	482355.66	779599.22	
15600.00	90.38	349.81	11188.99	4556.84	-818.79	4629.82	0.00	482454.08	779581.53	
15700.00	90.38	349.81	11188.32	4655.26	-836.47	4729.82	0.00	482552.50	779563.85	
15800.00	90.38	349.81	11187.66	4753.68	-854.16	4829.81	0.00	482650.92	779546.16	
15900.00	90.38	349.81	11186.99	4852.11	-871.84	4929.81	0.00	482749.35	779528.48	
16000.00	90.38	349.81	11186.32	4950.53	-889.53	5029.81	0.00	482847.77	779510.79	
16100.00	90.38	349.81	11185.66	5048.95	-907.21	5129.81	0.00	482946.19	779493.11	
16198.62	90.38	349.81	11185.00	5146.01	-924.65	5228.42	0.00	483043.25	779475.67	PBHL 2H

Targets

Name	Description Dip.	TVD Dir.	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec	<--- Longitude ---> Deg Min Sec
PBHL 2H			11185.00	5146.01	-924.65	483043.25 779475.67	32 19 32.161 N	103 33 44.619 W

Casing Points

MD	TVD	Diameter	Hole Size	Name



Weatherford

Wft Plan Report X Y's.



Company: Devon Energy	Date: 4/11/2013	Time: 13:59:03	Page: 3
Field: Lea County, New Mexico (NAD 83)	Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North		
Site: Taipan 10 State Com 2,3,4 Pad	Vertical (TVD) Reference: SITE 3730.0		
Well: Taipan 10 State Com 2H	Section (VS) Reference: Well (0.00N,0.00E,349.81Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature		Db: Sybase

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

Annotation

MD ft	TVD ft	
10643.05	10643.05	KOP
11546.87	11216.00	LP
16198.61	11185.00	PBHL



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:04:45 Page: 1
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Reference Well: Taipan 10 State Com 2H Vertical (TVD) Reference: SITE 3730.0
Reference Wellpath: Db: Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria Reference: Plan: Plan #1
Interpolation Method MD + Stations Interval: 100.00 ft Error Model: ISCWSA Ellipse
Depth Range: 0.00 to 16106.20 ft Scan Method: Closest Approach 3D
Maximum Radius 40000.00 ft Error Surface: Ellipse

Plan: Plan #1 Date Composed: 4/11/2013
Principal: Yes Version: 1
Tied-to: From Surface

Summary

Site	Offset Wellpath	Wellpath	Reference MD ft	Offset MD ft	Ctr-Ctr Edge Distance ft	Separation Distance ft	Factor	Warning
Taipan 10 State Com	Taipan 10 State Com	1 V0 Plan: Plan #1 V1	5500.00	5499.71	50.26	25.82	2.06	
Taipan 10 State Com	Taipan 10 State Com	1 V0 Plan: Plan #1 V1	10650.00	10649.64	99.99	52.40	2.10	

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 3H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis Ref ft	Offset ft	TFO-HS deg	Offset Location North ft	East ft	Ctr-Ctr Edge Distance ft	Separation Distance ft	Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.51	0.43	49.99	49.99			No Data
100.00	100.00	100.00	100.00	0.08	0.08	89.51	0.43	49.99	49.99	49.82	296.56	
200.00	200.00	200.00	200.00	0.31	0.31	89.51	0.43	49.99	49.99	49.37	80.88	
300.00	300.00	300.00	300.00	0.53	0.53	89.51	0.43	49.99	49.99	48.92	46.82	
400.00	400.00	400.00	400.00	0.76	0.76	89.51	0.43	49.99	49.99	48.47	32.95	
500.00	500.00	500.00	500.00	0.98	0.98	89.51	0.43	49.99	49.99	48.03	25.42	
600.00	600.00	600.00	600.00	1.21	1.21	89.51	0.43	49.99	49.99	47.58	20.69	
700.00	700.00	700.00	700.00	1.43	1.43	89.51	0.43	49.99	49.99	47.13	17.44	
800.00	800.00	800.00	800.00	1.66	1.66	89.51	0.43	49.99	49.99	46.68	15.08	
900.00	900.00	900.00	900.00	1.88	1.88	89.51	0.43	49.99	49.99	46.23	13.28	
1000.00	1000.00	1000.00	1000.00	2.11	2.11	89.51	0.43	49.99	49.99	45.78	11.86	
1100.00	1100.00	1100.00	1100.00	2.33	2.33	89.51	0.43	49.99	49.99	45.33	10.72	
1200.00	1200.00	1200.00	1200.00	2.56	2.56	89.51	0.43	49.99	49.99	44.88	9.78	
1300.00	1300.00	1300.00	1300.00	2.78	2.78	89.51	0.43	49.99	49.99	44.43	8.99	
1400.00	1400.00	1400.00	1400.00	3.01	3.01	89.51	0.43	49.99	49.99	43.98	8.31	
1500.00	1500.00	1500.00	1500.00	3.23	3.23	89.51	0.43	49.99	49.99	43.53	7.74	
1600.00	1600.00	1600.00	1600.00	3.46	3.46	89.51	0.43	49.99	49.99	43.08	7.23	
1700.00	1700.00	1700.00	1700.00	3.68	3.68	89.51	0.43	49.99	49.99	42.63	6.79	
1800.00	1800.00	1800.00	1800.00	3.91	3.91	89.51	0.43	49.99	49.99	42.18	6.40	
1900.00	1900.00	1900.00	1900.00	4.13	4.13	89.51	0.43	49.99	49.99	41.73	6.05	
2000.00	2000.00	2000.00	2000.00	4.35	4.35	89.51	0.43	49.99	49.99	41.28	5.74	
2100.00	2100.00	2100.00	2100.00	4.58	4.58	89.51	0.43	49.99	49.99	40.83	5.46	
2200.00	2200.00	2200.00	2200.00	4.80	4.80	89.51	0.43	49.99	49.99	40.38	5.20	
2300.00	2300.00	2300.00	2300.00	5.03	5.03	89.51	0.43	49.99	49.99	39.93	4.97	
2400.00	2400.00	2400.00	2400.00	5.25	5.25	89.51	0.43	49.99	49.99	39.48	4.76	
2500.00	2500.00	2500.00	2500.00	5.48	5.48	89.51	0.43	49.99	49.99	39.03	4.56	
2600.00	2600.00	2600.00	2600.00	5.70	5.70	89.51	0.43	49.99	49.99	38.58	4.38	
2700.00	2700.00	2700.00	2700.00	5.93	5.93	89.51	0.43	49.99	49.99	38.14	4.22	
2800.00	2800.00	2800.00	2800.00	6.15	6.15	89.51	0.43	49.99	49.99	37.69	4.06	
2900.00	2900.00	2900.00	2900.00	6.38	6.38	89.51	0.43	49.99	49.99	37.24	3.92	
3000.00	3000.00	3000.00	3000.00	6.60	6.60	89.51	0.43	49.99	49.99	36.79	3.79	
3100.00	3100.00	3100.00	3100.00	6.83	6.83	89.51	0.43	49.99	49.99	36.34	3.66	
3200.00	3200.00	3200.00	3200.00	7.05	7.05	89.51	0.43	49.99	49.99	35.89	3.54	
3300.00	3300.00	3300.00	3300.00	7.28	7.28	89.51	0.43	49.99	49.99	35.44	3.44	
3400.00	3400.00	3400.00	3400.00	7.50	7.50	89.51	0.43	49.99	49.99	34.99	3.33	
3500.00	3500.00	3500.00	3500.00	7.73	7.73	89.51	0.43	49.99	49.99	34.54	3.24	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad
Reference Well: Taipan 10 State Com 2H
Reference Wellpath:

Date: 4/11/2013 Time: 14:04:45 Page: 2
Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Vertical (TVD) Reference: SITE 3730.0
Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 3H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis Ref ft	Offset ft	TFO-HS deg	Offset Location North ft	East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
3600.00	3600.00	3600.00	3600.00	7.95	7.95	89.51	0.43	49.99	49.99	34.09	3.14	
3700.00	3700.00	3700.00	3700.00	8.18	8.18	89.51	0.43	49.99	49.99	33.64	3.06	
3800.00	3800.00	3800.00	3800.00	8.40	8.40	89.51	0.43	49.99	49.99	33.19	2.98	
3900.00	3900.00	3900.00	3900.00	8.63	8.63	89.51	0.43	49.99	49.99	32.74	2.90	
4000.00	4000.00	4000.00	4000.00	8.85	8.85	89.51	0.43	49.99	49.99	32.29	2.82	
4100.00	4100.00	4100.00	4100.00	9.07	9.07	89.51	0.43	49.99	49.99	31.84	2.75	
4200.00	4200.00	4200.00	4200.00	9.30	9.30	89.51	0.43	49.99	49.99	31.39	2.69	
4300.00	4300.00	4300.00	4300.00	9.52	9.52	89.51	0.43	49.99	49.99	30.94	2.62	
4400.00	4400.00	4400.00	4400.00	9.75	9.75	89.51	0.43	49.99	49.99	30.49	2.56	
4500.00	4500.00	4500.00	4500.00	9.97	9.97	89.51	0.43	49.99	49.99	30.04	2.51	
4600.00	4600.00	4600.00	4600.00	10.20	10.20	89.51	0.43	49.99	49.99	29.59	2.45	
4700.00	4700.00	4700.00	4700.00	10.42	10.42	89.51	0.43	49.99	49.99	29.14	2.40	
4800.00	4800.00	4800.00	4800.00	10.65	10.65	89.51	0.43	49.99	49.99	28.70	2.35	
4900.00	4900.00	4900.00	4900.00	10.87	10.87	89.51	0.43	49.99	49.99	28.25	2.30	
5000.00	5000.00	5000.00	5000.00	11.10	11.10	89.51	0.43	49.99	49.99	27.80	2.25	
5100.00	5100.00	5100.00	5100.00	11.32	11.32	89.51	0.43	49.99	49.99	27.35	2.21	
5200.00	5200.00	5200.00	5200.00	11.55	11.55	89.51	0.43	49.99	49.99	26.90	2.16	
5300.00	5300.00	5300.00	5300.00	11.77	11.77	89.51	0.43	49.99	49.99	26.45	2.12	
5400.00	5400.00	5400.00	5400.00	12.00	12.00	89.51	0.43	49.99	49.99	26.00	2.08	
5500.00	5500.00	5499.71	5499.66	12.22	12.22	86.55	3.03	50.17	50.26	25.82	2.06	
5600.00	5600.00	5598.88	5598.52	12.45	12.44	78.03	10.75	50.70	51.84	26.96	2.08	
5700.00	5700.00	5697.88	5696.82	12.67	12.66	66.42	22.48	51.50	56.28	30.96	2.22	
5800.00	5800.00	5797.13	5795.33	12.90	12.88	56.56	34.55	52.32	62.87	37.12	2.44	
5900.00	5900.00	5896.39	5893.84	13.12	13.11	48.75	46.62	53.15	70.96	44.77	2.71	
6000.00	6000.00	5995.64	5992.36	13.35	13.34	42.60	58.68	53.97	80.09	53.46	3.01	
6100.00	6100.00	6096.71	6092.80	13.57	13.55	38.09	69.84	54.73	89.02	61.95	3.29	
6200.00	6200.00	6198.43	6194.16	13.80	13.74	35.21	78.40	55.32	96.13	68.63	3.50	
6300.00	6300.00	6300.54	6296.10	14.02	13.92	33.47	84.28	55.72	101.11	73.20	3.62	
6400.00	6400.00	6402.89	6398.40	14.24	14.10	32.61	87.44	55.94	103.81	75.50	3.67	
6500.00	6500.00	6504.50	6500.00	14.47	14.29	32.45	88.02	55.98	104.32	75.59	3.63	
6600.00	6600.00	6604.50	6600.00	14.69	14.51	32.45	88.02	55.98	104.32	75.15	3.58	
6700.00	6700.00	6704.50	6700.00	14.92	14.74	32.45	88.02	55.98	104.32	74.70	3.52	
6800.00	6800.00	6804.50	6800.00	15.14	14.96	32.45	88.02	55.98	104.32	74.25	3.47	
6900.00	6900.00	6904.50	6900.00	15.37	15.18	32.45	88.02	55.98	104.32	73.80	3.42	
7000.00	7000.00	7004.50	7000.00	15.59	15.41	32.45	88.02	55.98	104.32	73.35	3.37	
7100.00	7100.00	7104.50	7100.00	15.82	15.63	32.45	88.02	55.98	104.32	72.90	3.32	
7200.00	7200.00	7204.50	7200.00	16.04	15.85	32.45	88.02	55.98	104.32	72.45	3.27	
7300.00	7300.00	7304.50	7300.00	16.27	16.08	32.45	88.02	55.98	104.32	72.00	3.23	
7400.00	7400.00	7404.50	7400.00	16.49	16.30	32.45	88.02	55.98	104.32	71.56	3.18	
7500.00	7500.00	7504.50	7500.00	16.72	16.52	32.45	88.02	55.98	104.32	71.11	3.14	
7600.00	7600.00	7604.50	7600.00	16.94	16.75	32.45	88.02	55.98	104.32	70.66	3.10	
7700.00	7700.00	7704.50	7700.00	17.17	16.97	32.45	88.02	55.98	104.32	70.21	3.06	
7800.00	7800.00	7804.50	7800.00	17.39	17.20	32.45	88.02	55.98	104.32	69.76	3.02	
7900.00	7900.00	7904.50	7900.00	17.62	17.42	32.45	88.02	55.98	104.32	69.31	2.98	
8000.00	8000.00	8004.50	8000.00	17.84	17.64	32.45	88.02	55.98	104.32	68.86	2.94	
8100.00	8100.00	8104.50	8100.00	18.07	17.87	32.45	88.02	55.98	104.32	68.41	2.91	
8200.00	8200.00	8204.50	8200.00	18.29	18.09	32.45	88.02	55.98	104.32	67.96	2.87	
8300.00	8300.00	8304.50	8300.00	18.52	18.31	32.45	88.02	55.98	104.32	67.51	2.83	
8400.00	8400.00	8404.50	8400.00	18.74	18.54	32.45	88.02	55.98	104.32	67.07	2.80	
8500.00	8500.00	8504.50	8500.00	18.96	18.76	32.45	88.02	55.98	104.32	66.62	2.77	
8600.00	8600.00	8604.50	8600.00	19.19	18.99	32.45	88.02	55.98	104.32	66.17	2.73	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad
Reference Well: Taipan 10 State Com 2H
Reference Wellpath:

Date: 4/11/2013

Time: 14:04:45

Page: 3

Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Vertical (TVD) Reference: SITE 3730.0

Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 3H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge		Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
8700.00	8700.00	8704.50	8700.00	19.41	19.21	32.45	88.02	55.98	104.32	65.72	2.70	
8800.00	8800.00	8804.50	8800.00	19.64	19.43	32.45	88.02	55.98	104.32	65.27	2.67	
8900.00	8900.00	8904.50	8900.00	19.86	19.66	32.45	88.02	55.98	104.32	64.82	2.64	
9000.00	9000.00	9004.50	9000.00	20.09	19.88	32.45	88.02	55.98	104.32	64.37	2.61	
9100.00	9100.00	9104.50	9100.00	20.31	20.11	32.45	88.02	55.98	104.32	63.92	2.58	
9200.00	9200.00	9204.50	9200.00	20.54	20.33	32.45	88.02	55.98	104.32	63.47	2.55	
9300.00	9300.00	9304.50	9300.00	20.76	20.55	32.45	88.02	55.98	104.32	63.02	2.53	
9400.00	9400.00	9404.50	9400.00	20.99	20.78	32.45	88.02	55.98	104.32	62.57	2.50	
9500.00	9500.00	9504.50	9500.00	21.21	21.00	32.45	88.02	55.98	104.32	62.13	2.47	
9600.00	9600.00	9604.50	9600.00	21.44	21.23	32.45	88.02	55.98	104.32	61.68	2.45	
9700.00	9700.00	9704.50	9700.00	21.66	21.45	32.45	88.02	55.98	104.32	61.23	2.42	
9800.00	9800.00	9804.50	9800.00	21.89	21.67	32.45	88.02	55.98	104.32	60.78	2.40	
9900.00	9900.00	9904.50	9900.00	22.11	21.90	32.45	88.02	55.98	104.32	60.33	2.37	
10000.00	10000.00	10004.50	10000.00	22.34	22.12	32.45	88.02	55.98	104.32	59.88	2.35	
10100.00	10100.00	10104.50	10100.00	22.56	22.35	32.45	88.02	55.98	104.32	59.43	2.32	
10200.00	10200.00	10204.50	10200.00	22.79	22.57	32.45	88.02	55.98	104.32	58.98	2.30	
10300.00	10300.00	10304.50	10300.00	23.01	22.79	32.45	88.02	55.98	104.32	58.53	2.28	
10400.00	10400.00	10404.50	10400.00	23.24	23.02	32.45	88.02	55.98	104.32	58.08	2.26	
10500.00	10500.00	10504.50	10500.00	23.46	23.24	32.45	88.02	55.98	104.32	57.63	2.23	
10600.00	10600.00	10604.50	10600.00	23.68	23.47	32.45	88.02	55.98	104.32	57.18	2.21	
10643.05	10643.05	10647.50	10643.00	23.78	23.56	32.45	88.02	55.98	104.32	56.99	2.20	
10650.00	10650.00	10653.49	10648.99	23.80	23.58	42.64	88.06	55.98	104.32	56.97	2.20	
10700.00	10699.91	10696.60	10692.04	23.91	23.67	42.98	90.15	56.12	104.41	56.91	2.20	
10750.00	10749.38	10739.71	10734.81	24.02	23.77	43.86	95.46	56.49	104.61	57.07	2.20	
10800.00	10798.04	10782.84	10777.08	24.12	23.88	45.25	103.97	57.07	104.98	57.49	2.21	
10850.00	10845.53	10825.99	10818.61	24.23	23.98	47.14	115.63	57.86	105.60	58.20	2.23	
10900.00	10891.47	10869.18	10859.17	24.33	24.09	49.49	130.39	58.87	106.58	59.28	2.25	
10950.00	10935.53	10912.42	10898.56	24.44	24.20	52.23	148.18	60.09	108.03	60.80	2.29	
11000.00	10977.35	10955.73	10936.54	24.56	24.32	55.31	168.92	61.51	110.09	62.85	2.33	
11050.00	11016.64	10999.13	10972.92	24.68	24.44	58.62	192.51	63.12	112.88	65.52	2.38	
11100.00	11053.08	11042.65	11007.49	24.82	24.58	62.07	218.85	64.92	116.52	68.90	2.45	
11150.00	11086.40	11086.30	11040.07	24.97	24.72	65.56	247.83	66.90	121.09	73.08	2.52	
11200.00	11116.34	11130.14	11070.46	25.15	24.88	69.00	279.34	69.05	126.66	78.11	2.61	
11250.00	11142.68	11174.20	11098.48	25.34	25.06	72.30	313.25	71.37	133.23	84.07	2.71	
11300.00	11165.23	11218.53	11123.95	25.57	25.25	75.40	349.43	73.85	140.81	90.95	2.82	
11350.00	11183.79	11263.17	11146.69	25.81	25.46	78.25	387.74	76.46	149.34	98.75	2.95	
11400.00	11198.24	11308.19	11166.53	26.09	25.70	80.84	428.05	79.22	158.75	107.42	3.09	
11450.00	11208.47	11353.65	11183.28	26.39	25.95	83.16	470.20	82.10	168.95	116.87	3.24	
11500.00	11214.39	11399.61	11196.76	26.71	26.23	85.21	514.03	85.10	179.85	127.03	3.40	
11546.87	11216.00	11443.23	11206.25	27.04	26.51	86.89	556.49	88.00	190.58	137.07	3.56	
11600.00	11215.64	11493.70	11213.16	27.44	26.85	89.19	606.35	91.41	203.28	148.99	3.74	
11700.00	11214.97	11590.53	11215.38	28.27	27.58	90.01	702.88	98.01	227.62	171.77	4.08	
11800.00	11214.31	11687.52	11214.72	29.20	28.39	90.00	799.64	104.62	251.98	194.38	4.38	
11900.00	11213.64	11784.51	11214.06	30.23	29.28	89.99	896.40	111.23	276.33	216.82	4.64	
12000.00	11212.98	11881.50	11213.40	31.34	30.25	89.99	993.16	117.85	300.69	239.10	4.88	
12100.00	11212.31	11978.49	11212.74	32.53	31.28	89.98	1089.92	124.46	325.04	261.23	5.09	
12200.00	11211.64	12075.48	11212.08	33.78	32.38	89.98	1186.68	131.08	349.40	283.24	5.28	
12300.00	11210.98	12172.47	11211.42	35.09	33.54	89.97	1283.44	137.69	373.75	305.13	5.45	
12400.00	11210.31	12269.45	11210.76	36.46	34.74	89.97	1380.20	144.30	398.11	326.91	5.59	
12500.00	11209.64	12366.44	11210.10	37.87	35.99	89.97	1476.96	150.92	422.46	348.60	5.72	
12600.00	11208.98	12463.43	11209.44	39.32	37.28	89.96	1573.73	157.53	446.82	370.21	5.83	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad
Reference Well: Taipan 10 State Com 2H
Reference Wellpath:

Date: 4/11/2013 Time: 14:04:45 Page: 4
Co-ordinate(N/E) Reference: Well: Taipan 10 State Com 2H, Grid North
Vertical (TVD) Reference: SITE 3730.0
Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 3H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge		Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
12700.00	11208.31	12560.42	11208.78	40.82	38.61	89.96	1670.49	164.15	471.18	391.75	5.93	
12800.00	11207.65	12657.41	11208.12	42.34	39.97	89.96	1767.25	170.76	495.53	413.21	6.02	
12900.00	11206.98	12754.40	11207.46	43.90	41.36	89.96	1864.01	177.38	519.89	434.62	6.10	
13000.00	11206.31	12851.39	11206.80	45.48	42.78	89.96	1960.77	183.99	544.24	455.98	6.17	
13100.00	11205.65	12948.38	11206.14	47.09	44.22	89.96	2057.53	190.60	568.60	477.28	6.23	
13200.00	11204.98	13045.36	11205.48	48.72	45.69	89.95	2154.29	197.22	592.95	498.54	6.28	
13300.00	11204.31	13142.35	11204.82	50.37	47.17	89.95	2251.05	203.83	617.31	519.76	6.33	
13400.00	11203.65	13239.34	11204.16	52.04	48.67	89.95	2347.81	210.45	641.66	540.95	6.37	
13500.00	11202.98	13336.33	11203.50	53.73	50.19	89.95	2444.57	217.06	666.02	562.10	6.41	
13600.00	11202.31	13433.32	11202.84	55.43	51.73	89.95	2541.33	223.67	690.38	583.22	6.44	
13700.00	11201.65	13530.31	11202.18	57.14	53.28	89.95	2638.09	230.29	714.73	604.31	6.47	
13800.00	11200.98	13627.30	11201.52	58.87	54.84	89.95	2734.85	236.90	739.09	625.38	6.50	
13900.00	11200.32	13724.29	11200.86	60.61	56.41	89.95	2831.61	243.52	763.44	646.43	6.52	
14000.00	11199.65	13821.27	11200.20	62.35	57.99	89.95	2928.37	250.13	787.80	667.45	6.55	
14100.00	11198.98	13918.26	11199.54	64.11	59.58	89.94	3025.14	256.75	812.15	688.46	6.57	
14200.00	11198.32	14015.25	11198.87	65.88	61.18	89.94	3121.90	263.36	836.51	709.45	6.58	
14300.00	11197.65	14112.24	11198.21	67.65	62.79	89.94	3218.66	269.97	860.86	730.42	6.60	
14400.00	11196.98	14209.23	11197.55	69.43	64.41	89.94	3315.42	276.59	885.22	751.38	6.61	
14500.00	11196.32	14306.22	11196.89	71.22	66.03	89.94	3412.18	283.20	909.57	772.32	6.63	
14600.00	11195.65	14403.21	11196.23	73.01	67.67	89.94	3508.94	289.82	933.93	793.25	6.64	
14700.00	11194.99	14500.19	11195.57	74.81	69.30	89.94	3605.70	296.43	958.29	814.17	6.65	
14800.00	11194.32	14597.18	11194.91	76.62	70.95	89.94	3702.46	303.04	982.64	835.08	6.66	
14900.00	11193.65	14694.17	11194.25	78.43	72.59	89.94	3799.22	309.66	1007.00	855.97	6.67	
15000.00	11192.99	14791.16	11193.59	80.25	74.25	89.94	3895.98	316.27	1031.35	876.86	6.68	
15100.00	11192.32	14888.15	11192.93	82.07	75.91	89.94	3992.74	322.89	1055.71	897.73	6.68	
15200.00	11191.65	14985.14	11192.27	83.89	77.57	89.94	4089.50	329.50	1080.06	918.60	6.69	
15300.00	11190.99	15082.13	11191.61	85.72	79.23	89.94	4186.26	336.12	1104.42	939.46	6.70	
15400.00	11190.32	15179.12	11190.95	87.55	80.90	89.94	4283.02	342.73	1128.77	960.32	6.70	
15500.00	11189.65	15276.10	11190.29	89.39	82.58	89.94	4379.78	349.34	1153.13	981.16	6.71	
15600.00	11188.99	15373.09	11189.63	91.23	84.26	89.94	4476.54	355.96	1177.49	1002.00	6.71	
15700.00	11188.32	15470.08	11188.97	93.07	85.94	89.94	4573.31	362.57	1201.84	1022.84	6.71	
15800.00	11187.66	15567.07	11188.31	94.91	87.62	89.94	4670.07	369.19	1226.20	1043.66	6.72	
15900.00	11186.99	15664.06	11187.65	96.76	89.30	89.94	4766.83	375.80	1250.55	1064.49	6.72	
16000.00	11186.32	15761.05	11186.99	98.61	90.99	89.94	4863.59	382.41	1274.91	1085.30	6.72	
16100.00	11185.66	15858.04	11186.33	100.46	92.69	89.93	4960.35	389.03	1299.26	1106.12	6.73	

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 4H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge		Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
0.00	0.00	0.00	0.00	0.00	0.00	89.51	0.85	99.97	99.97			No Data
100.00	100.00	100.00	100.00	0.08	0.08	89.51	0.85	99.97	99.97	99.81	593.05	
200.00	200.00	200.00	200.00	0.31	0.31	89.51	0.85	99.97	99.97	99.36	161.74	
300.00	300.00	300.00	300.00	0.53	0.53	89.51	0.85	99.97	99.97	98.91	93.64	
400.00	400.00	400.00	400.00	0.76	0.76	89.51	0.85	99.97	99.97	98.46	65.89	
500.00	500.00	500.00	500.00	0.98	0.98	89.51	0.85	99.97	99.97	98.01	50.83	
600.00	600.00	600.00	600.00	1.21	1.21	89.51	0.85	99.97	99.97	97.56	41.38	
700.00	700.00	700.00	700.00	1.43	1.43	89.51	0.85	99.97	99.97	97.11	34.89	
800.00	800.00	800.00	800.00	1.66	1.66	89.51	0.85	99.97	99.97	96.66	30.16	
900.00	900.00	900.00	900.00	1.88	1.88	89.51	0.85	99.97	99.97	96.21	26.55	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad
Reference Well: Taipan 10 State Com 2H
Reference Wellpath:

Date: 4/11/2013 Time: 14:04:45 Page: 5
Co-ordinate(N/E) Reference: Well: Taipan 10 State Com 2H, Grid North
Vertical (TVD) Reference: SITE 3730.0
Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 4H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge		Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
1000.00	1000.00	1000.00	1000.00	2.11	2.11	89.51	0.85	99.97	99.97	95.76	23.72	
1100.00	1100.00	1100.00	1100.00	2.33	2.33	89.51	0.85	99.97	99.97	95.31	21.44	
1200.00	1200.00	1200.00	1200.00	2.56	2.56	89.51	0.85	99.97	99.97	94.86	19.55	
1300.00	1300.00	1300.00	1300.00	2.78	2.78	89.51	0.85	99.97	99.97	94.41	17.97	
1400.00	1400.00	1400.00	1400.00	3.01	3.01	89.51	0.85	99.97	99.97	93.96	16.63	
1500.00	1500.00	1500.00	1500.00	3.23	3.23	89.51	0.85	99.97	99.97	93.51	15.47	
1600.00	1600.00	1600.00	1600.00	3.46	3.46	89.51	0.85	99.97	99.97	93.06	14.46	
1700.00	1700.00	1700.00	1700.00	3.68	3.68	89.51	0.85	99.97	99.97	92.61	13.58	
1800.00	1800.00	1800.00	1800.00	3.91	3.91	89.51	0.85	99.97	99.97	92.16	12.80	
1900.00	1900.00	1900.00	1900.00	4.13	4.13	89.51	0.85	99.97	99.97	91.71	12.10	
2000.00	2000.00	2000.00	2000.00	4.35	4.35	89.51	0.85	99.97	99.97	91.26	11.48	
2100.00	2100.00	2100.00	2100.00	4.58	4.58	89.51	0.85	99.97	99.97	90.81	10.92	
2200.00	2200.00	2200.00	2200.00	4.80	4.80	89.51	0.85	99.97	99.97	90.36	10.40	
2300.00	2300.00	2300.00	2300.00	5.03	5.03	89.51	0.85	99.97	99.97	89.92	9.94	
2400.00	2400.00	2400.00	2400.00	5.25	5.25	89.51	0.85	99.97	99.97	89.47	9.51	
2500.00	2500.00	2500.00	2500.00	5.48	5.48	89.51	0.85	99.97	99.97	89.02	9.12	
2600.00	2600.00	2600.00	2600.00	5.70	5.70	89.51	0.85	99.97	99.97	88.57	8.76	
2700.00	2700.00	2700.00	2700.00	5.93	5.93	89.51	0.85	99.97	99.97	88.12	8.43	
2800.00	2800.00	2800.00	2800.00	6.15	6.15	89.51	0.85	99.97	99.97	87.67	8.12	
2900.00	2900.00	2900.00	2900.00	6.38	6.38	89.51	0.85	99.97	99.97	87.22	7.84	
3000.00	3000.00	3000.00	3000.00	6.60	6.60	89.51	0.85	99.97	99.97	86.77	7.57	
3100.00	3100.00	3100.00	3100.00	6.83	6.83	89.51	0.85	99.97	99.97	86.32	7.32	
3200.00	3200.00	3200.00	3200.00	7.05	7.05	89.51	0.85	99.97	99.97	85.87	7.09	
3300.00	3300.00	3300.00	3300.00	7.28	7.28	89.51	0.85	99.97	99.97	85.42	6.87	
3400.00	3400.00	3400.00	3400.00	7.50	7.50	89.51	0.85	99.97	99.97	84.97	6.66	
3500.00	3500.00	3500.00	3500.00	7.73	7.73	89.51	0.85	99.97	99.97	84.52	6.47	
3600.00	3600.00	3600.00	3600.00	7.95	7.95	89.51	0.85	99.97	99.97	84.07	6.29	
3700.00	3700.00	3700.00	3700.00	8.18	8.18	89.51	0.85	99.97	99.97	83.62	6.11	
3800.00	3800.00	3800.00	3800.00	8.40	8.40	89.51	0.85	99.97	99.97	83.17	5.95	
3900.00	3900.00	3900.00	3900.00	8.63	8.63	89.51	0.85	99.97	99.97	82.72	5.80	
4000.00	4000.00	4000.00	4000.00	8.85	8.85	89.51	0.85	99.97	99.97	82.27	5.65	
4100.00	4100.00	4100.00	4100.00	9.07	9.07	89.51	0.85	99.97	99.97	81.82	5.51	
4200.00	4200.00	4200.00	4200.00	9.30	9.30	89.51	0.85	99.97	99.97	81.37	5.38	
4300.00	4300.00	4300.00	4300.00	9.52	9.52	89.51	0.85	99.97	99.97	80.92	5.25	
4400.00	4400.00	4400.00	4400.00	9.75	9.75	89.51	0.85	99.97	99.97	80.48	5.13	
4500.00	4500.00	4500.00	4500.00	9.97	9.97	89.51	0.85	99.97	99.97	80.03	5.01	
4600.00	4600.00	4600.00	4600.00	10.20	10.20	89.51	0.85	99.97	99.97	79.58	4.90	
4700.00	4700.00	4700.00	4700.00	10.42	10.42	89.51	0.85	99.97	99.97	79.13	4.80	
4800.00	4800.00	4800.00	4800.00	10.65	10.65	89.51	0.85	99.97	99.97	78.68	4.69	
4900.00	4900.00	4900.00	4900.00	10.87	10.87	89.51	0.85	99.97	99.97	78.23	4.60	
5000.00	5000.00	5000.00	5000.00	11.10	11.10	89.51	0.85	99.97	99.97	77.78	4.50	
5100.00	5100.00	5100.00	5100.00	11.32	11.32	89.51	0.85	99.97	99.97	77.33	4.41	
5200.00	5200.00	5200.00	5200.00	11.55	11.55	89.51	0.85	99.97	99.97	76.88	4.33	
5300.00	5300.00	5300.00	5300.00	11.77	11.77	89.51	0.85	99.97	99.97	76.43	4.25	
5400.00	5400.00	5400.00	5400.00	12.00	12.00	89.51	0.85	99.97	99.97	75.98	4.17	
5500.00	5500.00	5500.00	5500.00	12.22	12.22	89.51	0.85	99.97	99.97	75.53	4.09	
5600.00	5600.00	5600.00	5600.00	12.45	12.45	89.51	0.85	99.97	99.97	75.08	4.02	
5700.00	5700.00	5700.00	5700.00	12.67	12.67	89.51	0.85	99.97	99.97	74.63	3.94	
5800.00	5800.00	5800.00	5800.00	12.90	12.90	89.51	0.85	99.97	99.97	74.18	3.88	
5900.00	5900.00	5900.00	5900.00	13.12	13.12	89.51	0.85	99.97	99.97	73.73	3.81	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:04:45 Page: 6
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Reference Well: Taipan 10 State Com 2H Vertical (TVD) Reference: SITE 3730.0
Reference Wellpath: Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 4H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	Semi-Major Axis TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Edge Distance ft	Ctr-Ctr Edge Distance ft	Separation Factor	Warning
6000.00	6000.00	6000.00	6000.00	13.35	13.35	89.51	0.85	99.97	99.97	73.28	3.75	
6100.00	6100.00	6100.00	6100.00	13.57	13.57	89.51	0.85	99.97	99.97	72.83	3.68	
6200.00	6200.00	6200.00	6200.00	13.80	13.80	89.51	0.85	99.97	99.97	72.38	3.62	
6300.00	6300.00	6300.00	6300.00	14.02	14.02	89.51	0.85	99.97	99.97	71.93	3.57	
6400.00	6400.00	6400.00	6400.00	14.24	14.24	89.51	0.85	99.97	99.97	71.48	3.51	
6500.00	6500.00	6500.00	6500.00	14.47	14.47	89.51	0.85	99.97	99.97	71.03	3.45	
6600.00	6600.00	6600.00	6600.00	14.69	14.69	89.51	0.85	99.97	99.97	70.59	3.40	
6700.00	6700.00	6700.00	6700.00	14.92	14.92	89.51	0.85	99.97	99.97	70.14	3.35	
6800.00	6800.00	6800.00	6800.00	15.14	15.14	89.51	0.85	99.97	99.97	69.69	3.30	
6900.00	6900.00	6900.00	6900.00	15.37	15.37	89.51	0.85	99.97	99.97	69.24	3.25	
7000.00	7000.00	7000.00	7000.00	15.59	15.59	89.51	0.85	99.97	99.97	68.79	3.21	
7100.00	7100.00	7100.00	7100.00	15.82	15.82	89.51	0.85	99.97	99.97	68.34	3.16	
7200.00	7200.00	7200.00	7200.00	16.04	16.04	89.51	0.85	99.97	99.97	67.89	3.12	
7300.00	7300.00	7300.00	7300.00	16.27	16.27	89.51	0.85	99.97	99.97	67.44	3.07	
7400.00	7400.00	7400.00	7400.00	16.49	16.49	89.51	0.85	99.97	99.97	66.99	3.03	
7500.00	7500.00	7500.00	7500.00	16.72	16.72	89.51	0.85	99.97	99.97	66.54	2.99	
7600.00	7600.00	7600.00	7600.00	16.94	16.94	89.51	0.85	99.97	99.97	66.09	2.95	
7700.00	7700.00	7700.00	7700.00	17.17	17.17	89.51	0.85	99.97	99.97	65.64	2.91	
7800.00	7800.00	7800.00	7800.00	17.39	17.39	89.51	0.85	99.97	99.97	65.19	2.87	
7900.00	7900.00	7900.00	7900.00	17.62	17.62	89.51	0.85	99.97	99.97	64.74	2.84	
8000.00	8000.00	8000.00	8000.00	17.84	17.84	89.51	0.85	99.97	99.97	64.29	2.80	
8100.00	8100.00	8100.00	8100.00	18.07	18.07	89.51	0.85	99.97	99.97	63.84	2.77	
8200.00	8200.00	8200.00	8200.00	18.29	18.29	89.51	0.85	99.97	99.97	63.39	2.73	
8300.00	8300.00	8300.00	8300.00	18.52	18.52	89.51	0.85	99.97	99.97	62.94	2.70	
8400.00	8400.00	8400.00	8400.00	18.74	18.74	89.51	0.85	99.97	99.97	62.49	2.67	
8500.00	8500.00	8500.00	8500.00	18.96	18.96	89.51	0.85	99.97	99.97	62.04	2.64	
8600.00	8600.00	8600.00	8600.00	19.19	19.19	89.51	0.85	99.97	99.97	61.59	2.60	
8700.00	8700.00	8700.00	8700.00	19.41	19.41	89.51	0.85	99.97	99.97	61.15	2.57	
8800.00	8800.00	8800.00	8800.00	19.64	19.64	89.51	0.85	99.97	99.97	60.70	2.55	
8900.00	8900.00	8900.00	8900.00	19.86	19.86	89.51	0.85	99.97	99.97	60.25	2.52	
9000.00	9000.00	9000.00	9000.00	20.09	20.09	89.51	0.85	99.97	99.97	59.80	2.49	
9100.00	9100.00	9100.00	9100.00	20.31	20.31	89.51	0.85	99.97	99.97	59.35	2.46	
9200.00	9200.00	9200.00	9200.00	20.54	20.54	89.51	0.85	99.97	99.97	58.90	2.43	
9300.00	9300.00	9300.00	9300.00	20.76	20.76	89.51	0.85	99.97	99.97	58.45	2.41	
9400.00	9400.00	9400.00	9400.00	20.99	20.99	89.51	0.85	99.97	99.97	58.00	2.38	
9500.00	9500.00	9500.00	9500.00	21.21	21.21	89.51	0.85	99.97	99.97	57.55	2.36	
9600.00	9600.00	9600.00	9600.00	21.44	21.44	89.51	0.85	99.97	99.97	57.10	2.33	
9700.00	9700.00	9700.00	9700.00	21.66	21.66	89.51	0.85	99.97	99.97	56.65	2.31	
9800.00	9800.00	9800.00	9800.00	21.89	21.89	89.51	0.85	99.97	99.97	56.20	2.28	
9900.00	9900.00	9900.00	9900.00	22.11	22.11	89.51	0.85	99.97	99.97	55.75	2.26	
10000.00	10000.00	10000.00	10000.00	22.34	22.34	89.51	0.85	99.97	99.97	55.30	2.24	
10100.00	10100.00	10100.00	10100.00	22.56	22.56	89.51	0.85	99.97	99.97	54.85	2.22	
10200.00	10200.00	10200.00	10200.00	22.79	22.79	89.51	0.85	99.97	99.97	54.40	2.19	
10300.00	10300.00	10300.00	10300.00	23.01	23.01	89.51	0.85	99.97	99.97	53.95	2.17	
10400.00	10400.00	10400.00	10400.00	23.24	23.24	89.51	0.85	99.97	99.97	53.50	2.15	
10500.00	10500.00	10500.00	10500.00	23.46	23.46	89.51	0.85	99.97	99.97	53.05	2.13	
10600.00	10600.00	10600.00	10600.00	23.68	23.68	89.51	0.85	99.97	99.97	52.60	2.11	
10643.05	10643.05	10643.05	10643.05	23.78	23.78	89.51	0.85	99.97	99.97	52.41	2.10	
10650.00	10650.00	10649.64	10649.64	23.80	23.80	99.70	0.89	99.98	99.99	52.40	2.10	
10700.00	10699.91	10697.06	10696.98	23.91	23.90	99.70	3.28	100.74	101.28	53.48	2.12	
10750.00	10749.38	10744.36	10743.83	24.02	24.00	99.69	9.37	102.66	104.57	56.58	2.18	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad
Reference Well: Taipan 10 State Com 2H
Reference Wellpath:

Date: 4/11/2013 Time: 14:04:45 Page: 7
Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Vertical (TVD) Reference: SITE 3730.0
Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 4H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge		Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
10800.00	10798.04	10791.45	10789.80	24.12	24.10	99.65	19.07	105.73	109.83	61.66	2.28	
10850.00	10845.53	10838.25	10834.49	24.23	24.20	99.56	32.25	109.89	117.03	68.68	2.42	
10900.00	10891.47	10884.67	10877.58	24.33	24.30	99.39	48.71	115.10	126.08	77.56	2.60	
10950.00	10935.53	10930.68	10918.75	24.44	24.40	99.14	68.26	121.27	136.92	88.23	2.81	
11000.00	10977.35	10976.22	10957.76	24.56	24.50	98.77	90.64	128.34	149.46	100.57	3.06	
11050.00	11016.64	11021.27	10994.39	24.68	24.61	98.29	115.62	136.24	163.59	114.48	3.33	
11100.00	11053.08	11065.83	11028.49	24.82	24.72	97.70	142.96	144.88	179.20	129.85	3.63	
11150.00	11086.40	11109.92	11059.94	24.97	24.84	96.99	172.41	154.18	196.17	146.53	3.95	
11200.00	11116.34	11153.57	11088.65	25.15	24.98	96.18	203.75	164.09	214.36	164.41	4.29	
11250.00	11142.68	11196.84	11114.55	25.34	25.12	95.26	236.78	174.52	233.66	183.34	4.64	
11300.00	11165.23	11239.79	11137.61	25.57	25.28	94.26	271.32	185.44	253.92	203.19	5.00	
11350.00	11183.79	11282.50	11157.78	25.81	25.46	93.18	307.22	196.78	275.02	223.82	5.37	
11400.00	11198.24	11325.09	11175.05	26.09	25.66	92.04	344.32	208.51	296.80	245.11	5.74	
11450.00	11208.47	11367.65	11189.37	26.39	25.87	90.85	382.53	220.58	319.14	266.91	6.11	
11500.00	11214.39	11410.32	11200.70	26.71	26.09	89.63	421.75	232.97	341.89	289.09	6.48	
11546.87	11216.00	11450.54	11208.56	27.04	26.32	88.48	459.35	244.85	363.46	310.10	6.81	
11600.00	11215.64	11496.83	11214.14	27.44	26.61	89.55	503.16	258.70	388.10	334.05	7.18	
11700.00	11214.97	11585.28	11215.75	28.27	27.21	89.91	587.45	285.33	434.62	379.13	7.83	
11800.00	11214.31	11673.80	11215.18	29.20	27.90	89.92	671.86	312.01	481.13	424.03	8.43	
11900.00	11213.64	11762.33	11214.61	30.23	28.65	89.92	756.26	338.68	527.65	468.77	8.96	
12000.00	11212.98	11850.85	11214.04	31.34	29.48	89.92	840.67	365.35	574.17	513.35	9.44	
12100.00	11212.31	11939.37	11213.46	32.53	30.38	89.92	925.07	392.02	620.69	557.79	9.87	
12200.00	11211.64	12027.89	11212.89	33.78	31.33	89.92	1009.48	418.69	667.21	602.10	10.25	
12300.00	11210.98	12116.41	11212.32	35.09	32.34	89.92	1093.88	445.37	713.73	646.30	10.59	
12400.00	11210.31	12204.93	11211.75	36.46	33.39	89.92	1178.29	472.04	760.24	690.40	10.88	
12500.00	11209.64	12293.45	11211.18	37.87	34.50	89.92	1262.70	498.71	806.76	734.40	11.15	
12600.00	11208.98	12381.98	11210.61	39.32	35.64	89.92	1347.10	525.38	853.28	778.31	11.38	
12700.00	11208.31	12470.50	11210.04	40.82	36.83	89.92	1431.51	552.05	899.80	822.16	11.59	
12800.00	11207.65	12559.02	11209.47	42.34	38.05	89.92	1515.91	578.73	946.32	865.93	11.77	
12900.00	11206.98	12647.54	11208.90	43.90	39.29	89.92	1600.32	605.40	992.84	909.64	11.93	
13000.00	11206.31	12736.06	11208.33	45.48	40.57	89.92	1684.72	632.07	1039.36	953.30	12.08	
13100.00	11205.65	12824.58	11207.76	47.09	41.87	89.93	1769.13	658.74	1085.87	996.91	12.21	
13200.00	11204.98	12913.10	11207.19	48.72	43.19	89.93	1853.53	685.41	1132.39	1040.48	12.32	
13300.00	11204.31	13001.63	11206.62	50.37	44.53	89.93	1937.94	712.08	1178.91	1084.00	12.42	
13400.00	11203.65	13090.15	11206.05	52.04	45.90	89.93	2022.35	738.76	1225.43	1127.49	12.51	
13500.00	11202.98	13178.67	11205.47	53.73	47.28	89.93	2106.75	765.43	1271.95	1170.94	12.59	
13600.00	11202.31	13267.19	11204.90	55.43	48.68	89.93	2191.16	792.10	1318.47	1214.36	12.66	
13700.00	11201.65	13355.71	11204.33	57.14	50.09	89.93	2275.56	818.77	1364.98	1257.75	12.73	
13800.00	11200.98	13444.23	11203.76	58.87	51.51	89.93	2359.97	845.44	1411.50	1301.12	12.79	
13900.00	11200.32	13532.75	11203.19	60.61	52.95	89.93	2444.37	872.12	1458.02	1344.47	12.84	
14000.00	11199.65	13621.28	11202.62	62.35	54.40	89.93	2528.78	898.79	1504.54	1387.79	12.89	
14100.00	11198.98	13709.80	11202.05	64.11	55.86	89.93	2613.19	925.46	1551.06	1431.09	12.93	
14200.00	11198.32	13798.32	11201.48	65.88	57.32	89.93	2697.59	952.13	1597.58	1474.38	12.97	
14300.00	11197.65	13886.84	11200.91	67.65	58.80	89.93	2782.00	978.80	1644.09	1517.64	13.00	
14400.00	11196.98	13975.36	11200.34	69.43	60.29	89.93	2866.40	1005.48	1690.61	1560.89	13.03	
14500.00	11196.32	14063.88	11199.77	71.22	61.78	89.93	2950.81	1032.15	1737.13	1604.13	13.06	
14600.00	11195.65	14152.40	11199.20	73.01	63.28	89.93	3035.21	1058.82	1783.65	1647.35	13.09	
14700.00	11194.99	14240.92	11198.63	74.81	64.79	89.93	3119.62	1085.49	1830.17	1690.56	13.11	
14800.00	11194.32	14329.45	11198.06	76.62	66.31	89.93	3204.03	1112.16	1876.69	1733.76	13.13	
14900.00	11193.65	14417.97	11197.49	78.43	67.82	89.93	3288.43	1138.84	1923.21	1776.95	13.15	
15000.00	11192.99	14506.49	11196.91	80.25	69.35	89.93	3372.84	1165.51	1969.72	1820.13	13.17	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:04:45 Page: 8
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad Co-ordinate(NE) Reference: Well: Taipan 10 State Com 2H, Grid North
Reference Well: Taipan 10 State Com 2H Vertical (TVD) Reference: SITE 3730.0
Reference Wellpath: Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 4H
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge		Separation Factor	Warning
		MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft	Distance ft	Distance ft		
15100.00	11192.32	14595.01	11196.34	82.07	70.88	89.93	3457.24	1192.18	2016.24	1863.29	13.18	
15200.00	11191.65	14683.53	11195.77	83.89	72.41	89.93	3541.65	1218.85	2062.76	1906.45	13.20	
15300.00	11190.99	14772.05	11195.20	85.72	73.95	89.93	3626.05	1245.52	2109.28	1949.60	13.21	
15400.00	11190.32	14860.57	11194.63	87.55	75.50	89.93	3710.46	1272.20	2155.80	1992.75	13.22	
15500.00	11189.65	14949.10	11194.06	89.39	77.04	89.93	3794.87	1298.87	2202.32	2035.88	13.23	
15600.00	11188.99	15037.62	11193.49	91.23	78.60	89.93	3879.27	1325.54	2248.83	2079.01	13.24	
15700.00	11188.32	15126.14	11192.92	93.07	80.15	89.93	3963.68	1352.21	2295.35	2122.13	13.25	
15800.00	11187.66	15214.66	11192.35	94.91	81.71	89.93	4048.08	1378.88	2341.87	2165.25	13.26	
15900.00	11186.99	15303.18	11191.78	96.76	83.27	89.93	4132.49	1405.56	2388.39	2208.36	13.27	
16000.00	11186.32	15391.70	11191.21	98.61	84.83	89.93	4216.89	1432.23	2434.91	2251.47	13.27	
16100.00	11185.66	15480.22	11190.64	100.46	86.40	89.93	4301.30	1458.90	2481.43	2294.56	13.28	

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

Report Date: April 11, 2013
Job Number: _____
Customer: Devon Energy
Well Name: Taipan 10 State Com #2H
API Number: _____
Rig Name: _____
Location: Lea County, NM
Block: _____
Engineer: RWJ

US State Plane 1983	Geodetic Latitude / Longitude
System: New Mexico Eastern Zone	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: North American Datum 1983	Datum: North American Datum 1983
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
North/South 477897.240 USFT	Latitude 32.3114402 DEG
East/West 780400.320 USFT	Longitude -103.5595163 DEG
Grid Convergence: .41°	
Total Correction: +7.02°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.31144° N	32° 18 min 41.185 sec
Longitude =	103.55952° W	103° 33 min 34.259 sec

Magnetic Declination =	7.43°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6553
Local Field Strength =	48445 nT	Magnetic Vector X = 23895 nT
Magnetic Dip =	60.17°	Magnetic Vector Y = 3115 nT
Magnetic Model =	bggm2012	Magnetic Vector Z = 42026 nT
Spud Date =	Aug 20, 2013	Magnetic Vector H = 24097 nT

Signed: _____

Date: _____