

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 293-6161 Fax: (575) 293-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
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) 476-3462

HOBBS OCD

State of New Mexico

Energy, Minerals & Natural Resources Department

APR 26 2013 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 30025-41144	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 3H
		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	2370	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
B	10	23 S	33 E		330	NORTH	1980	EAST	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. = 32.3265057N LONG. = 103.5687963W NMSP EAST (FT) N = 483357.53 E = 777494.17 W/4 CORNER SEC. 10 COMPUTED SECTION CORNER LAT. = 32.3119919N LONG. = 103.5687843W NMSP EAST (FT) N = 478077.43 E = 777535.58 W/4 CORNER SEC. 15 LAT. = 32.3047319N LONG. = 103.5687767W NMSP EAST (FT) N = 475436.25 E = 777556.76 SW CORNER SEC. 15 LAT. = 32.2974665N LONG. = 103.5688344W NMSP EAST (FT) N = 472792.98 E = 777557.76		N/4 CORNER SEC. 10 COMPUTED BOTTOM OF HOLE LAT. = 32.3256027N LONG. = 103.5580933W NMSP EAST (FT) N = 483052.76 E = 780802.69 QUARTER CORNER LAT. = 32.3119892N LONG. = 103.5602426W NMSP EAST (FT) N = 478095.37 E = 780174.48 SURFACE LOCATION 200' TAIPAN "10" STATE COM. #3H ELEV. = 3705.0 LAT. = 32.3114403N (NAD83) LONG. = 103.5593545W NMSP EAST (FT) N = 477897.67 E = 780450.31 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. S/4 CORNER SEC. 15 LAT. = 32.2974647N LONG. = 103.5602205W NMSP EAST (FT) N = 472811.39 E = 780219.44		NE CORNER SEC. 10 LAT. = 32.3265050N LONG. = 103.5516842W NMSP EAST (FT) N = 483395.41 E = 782780.05 E/4 CORNER SEC. 10 LAT. = 32.3192397N LONG. = 103.5516795W NMSP EAST (FT) N = 480752.27 E = 782800.78 SECTION CORNER LAT. = 32.3119976N LONG. = 103.5516853W NMSP EAST (FT) N = 478117.59 E = 782818.20 E/4 CORNER SEC. 15 COMPUTED SE CORNER SEC. 15 LAT. = 32.2974530N LONG. = 103.5516743W NMSP EAST (FT) N = 472826.29 E = 782860.18	
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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.

[Signature] **4/25/2013**

Signature _____ Date _____

David H. Cook **Regulatory Specialist**

Printed Name _____

david.cook@devn.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 _____

[Signature]

Signature and Seal of Professional Surveyor: _____

Certificate Number: **ELI MONTE LARAMILLO, PLS 12797**

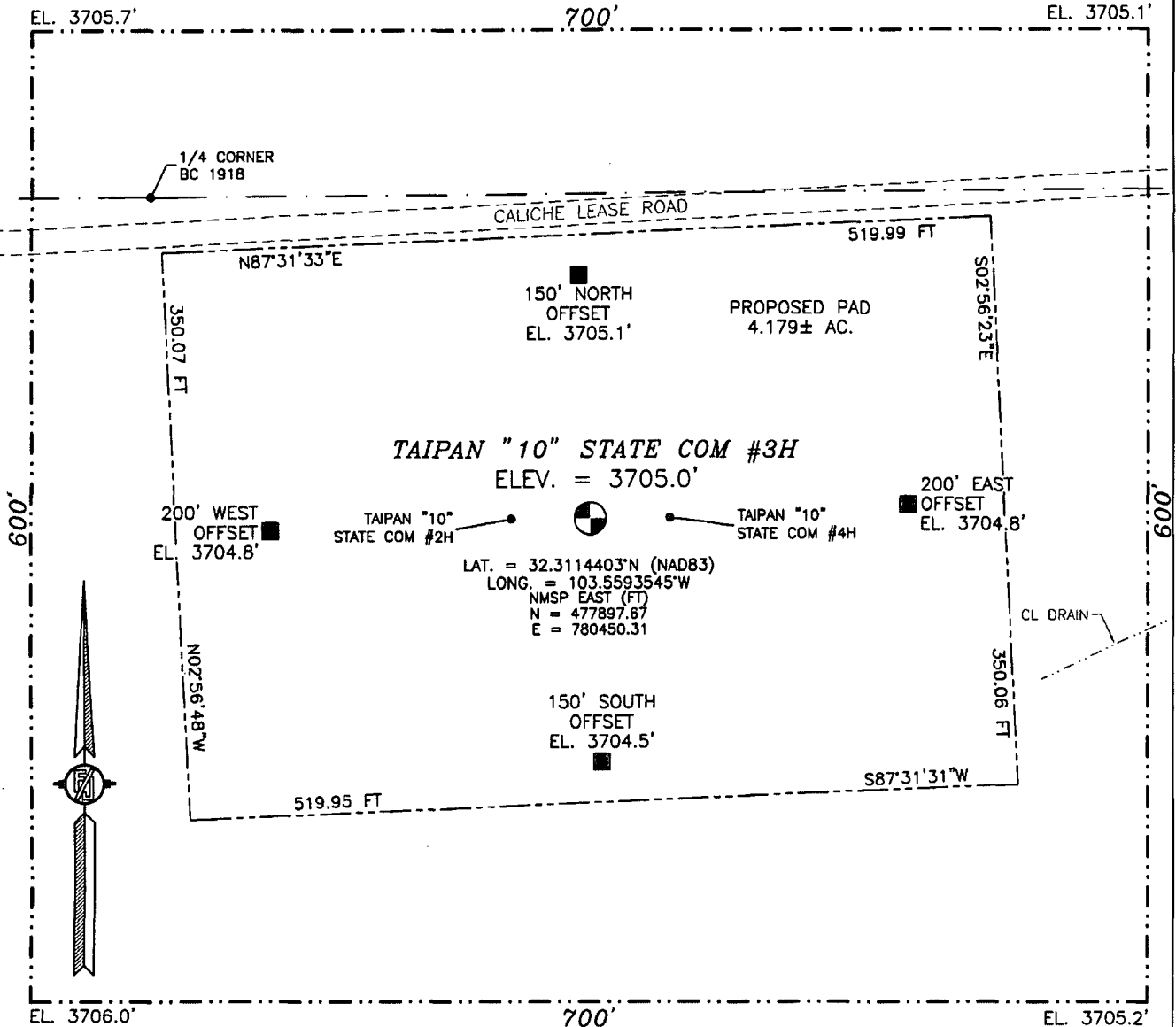
SURVEY NO. 1680

PP: 200 FNL & 2310 FEL; 15-23S-33E

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 #3H

LOCATED 200 FT. FROM THE NORTH LINE
AND 2370 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

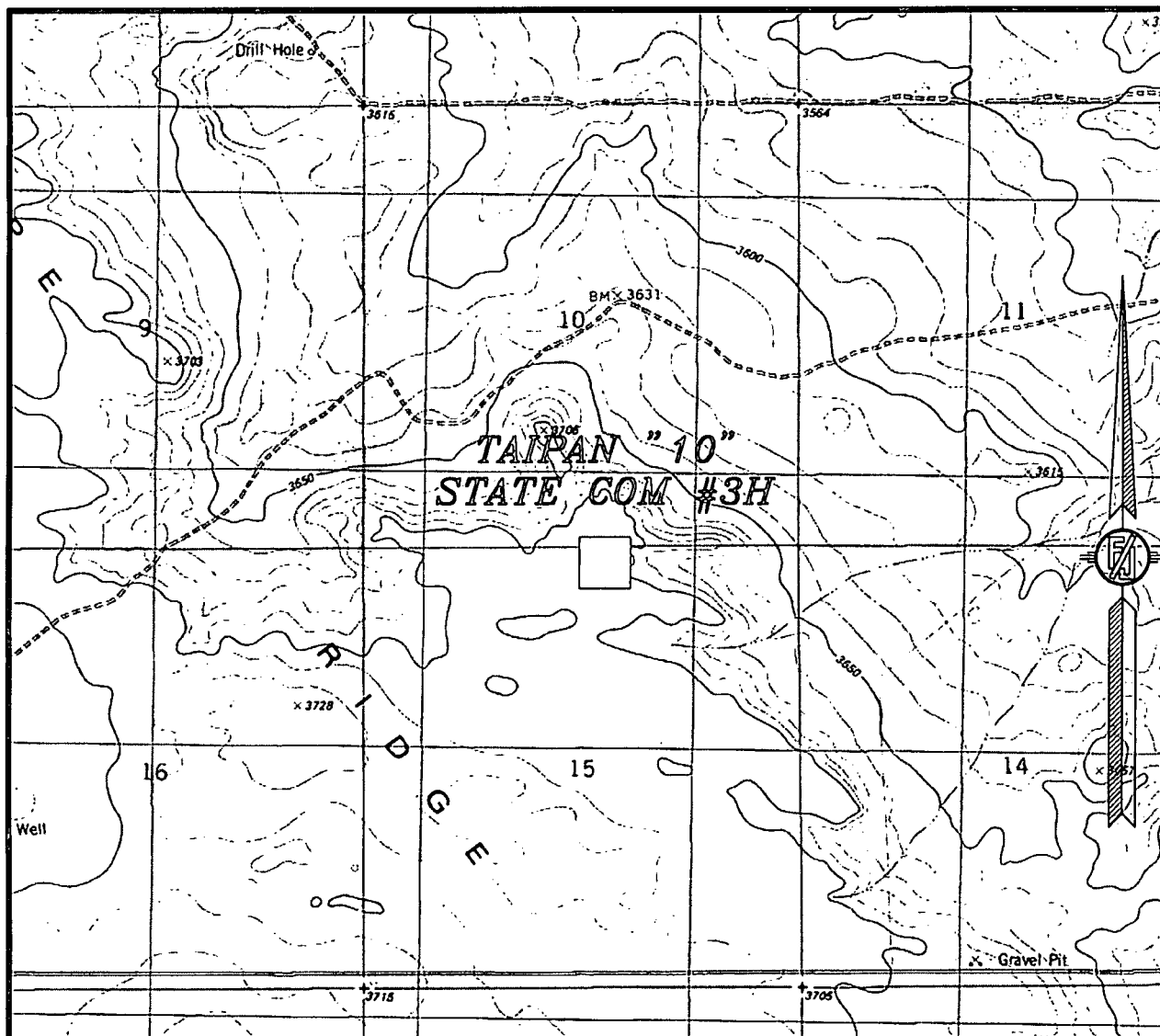
MARCH 21, 2013

SURVEY NO. 1680

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

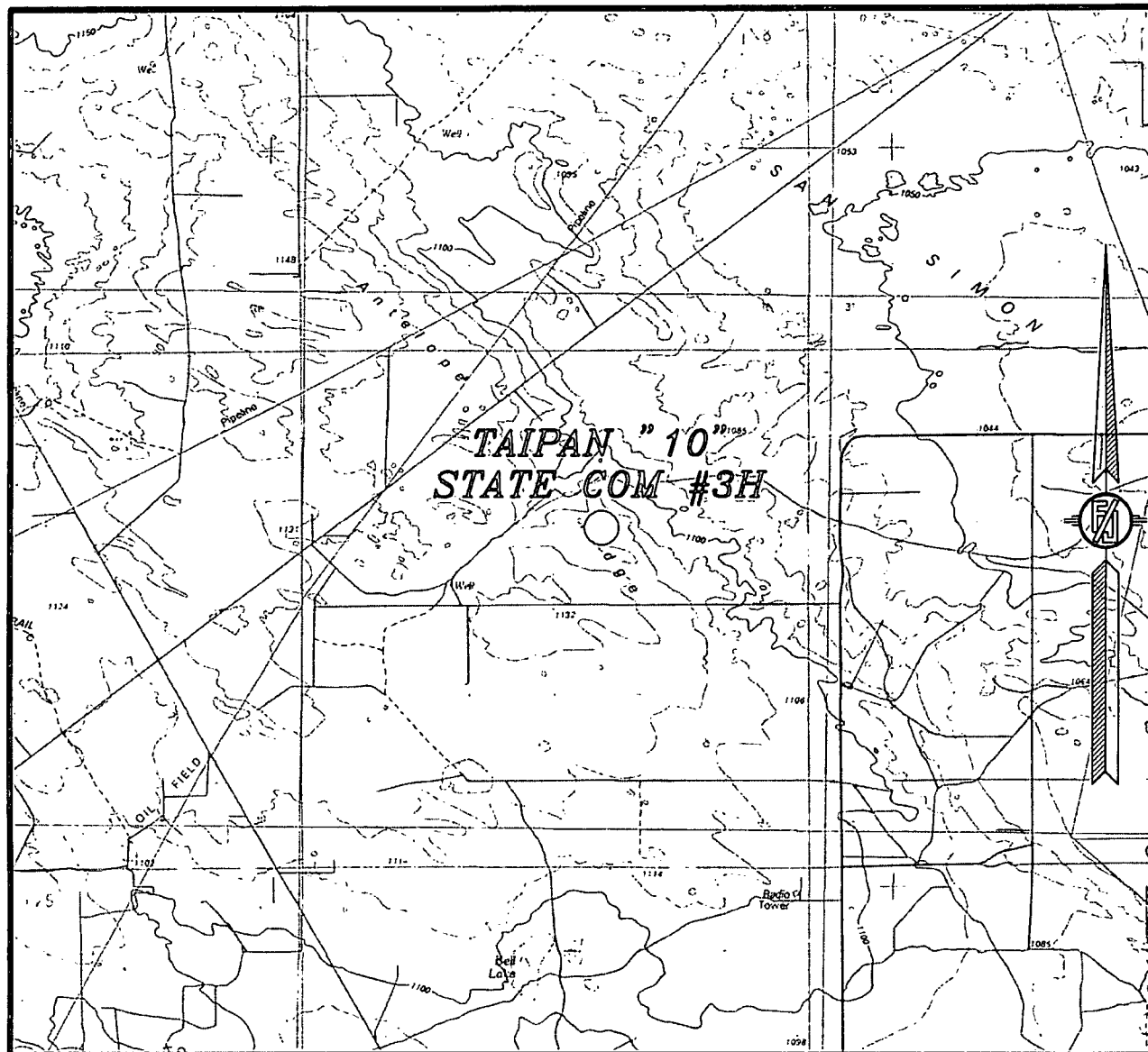
NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
TAIPAN "10" STATE COM #3H
LOCATED 200 FT. FROM THE NORTH LINE
AND 2370 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

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO
SURVEY NO. 1680

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



NOT TO SCALE

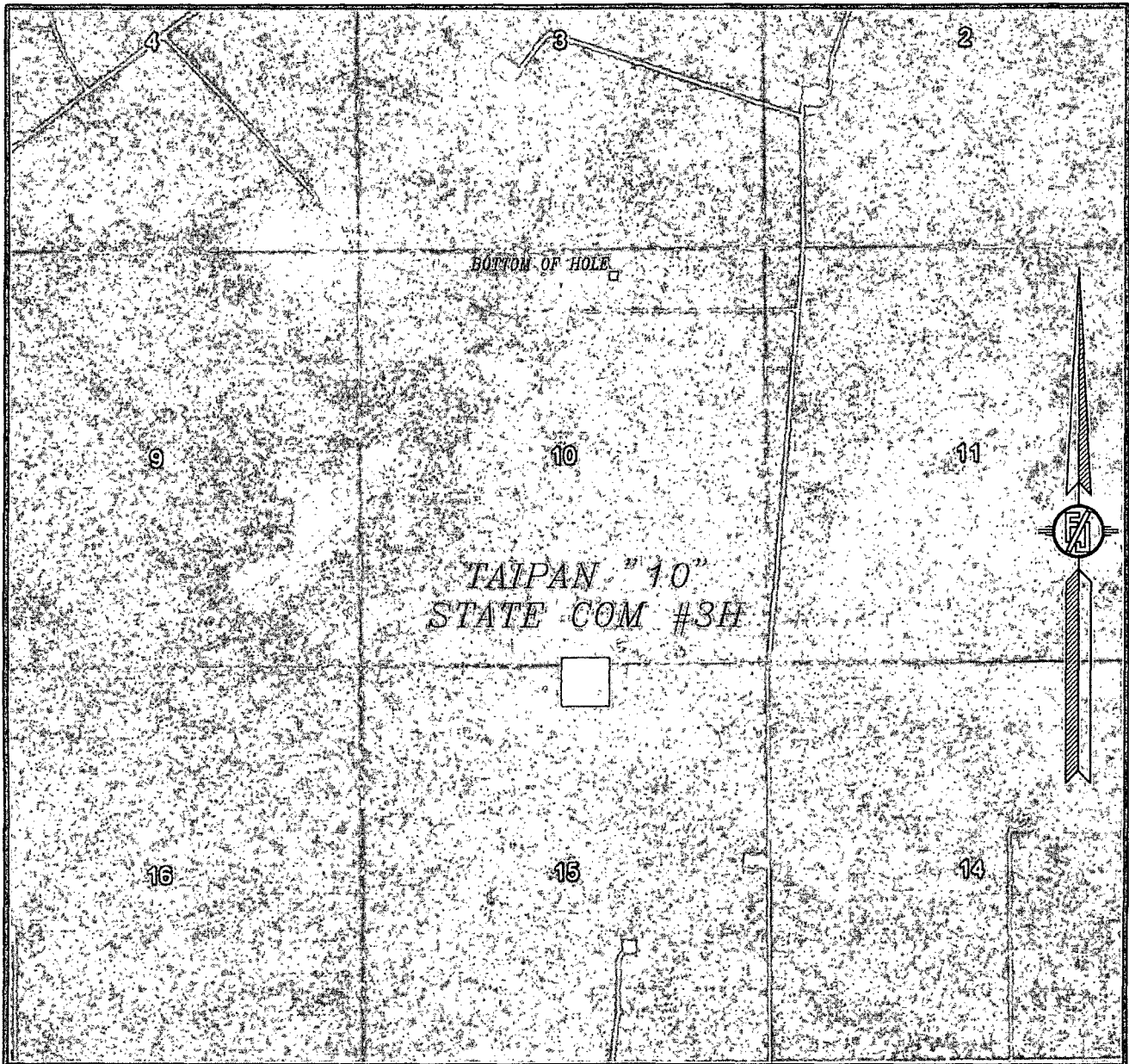
DEVON ENERGY PRODUCTION COMPANY, L.P.
TAIPAN "10" STATE COM #3H
LOCATED 200 FT. FROM THE NORTH LINE
AND 2370 FT. FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MARCH 21, 2013

SURVEY NO. 1680

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 #3H

LOCATED 200 FT. FROM THE NORTH LINE
AND 2370 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. 1680

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



Weatherford[®]

Drilling Services

Proposal



devon

TAIPAN 10 STATE COM #3H

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

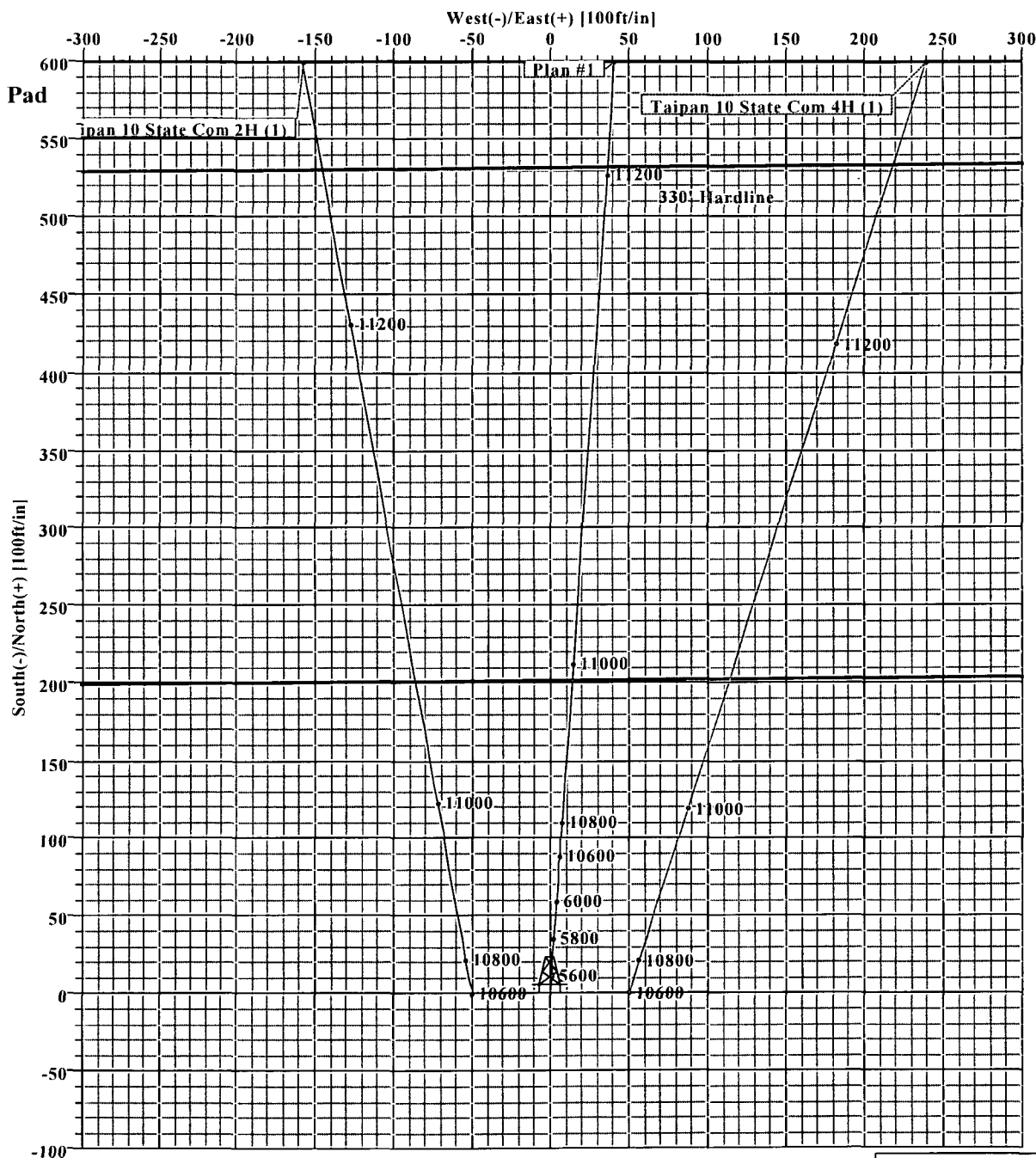
www.weatherford.com



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



Weatherford



LEGEND	
	Taipan #1H (1)
	Taipan 10 State Com 2H (1)
	Taipan 10 State Com 4H (1)
	Plan #1



Taipan 10 State Com 3H
Lea County, New Mexico

KB ELEV: 3730
GL ELEV: 3705

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	3.91	0.00	0.00	0.00	0.00	0.00	0.00	
2	5400.00	0.00	3.91	5400.00	0.00	0.00	0.00	3.91	0.00	
3	5633.33	7.00	3.91	5632.75	14.20	0.97	3.00	3.91	14.24	
4	6003.33	7.00	3.91	6000.00	59.19	4.05	0.00	0.00	59.33	
5	6470.00	0.00	3.91	6465.50	87.59	5.99	1.50	180.00	87.80	
6	10647.20	0.00	3.91	10642.70	87.59	5.99	0.00	0.00	87.80	
7	11551.10	90.39	3.91	11215.65	663.11	45.33	10.00	3.91	664.66	
8	16053.67	90.39	3.91	11185.00	5155.09	352.38	0.00	0.00	5167.12	PBHL 3H

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Taipan 10 State Com 3H	0.43	49.99	477897.67	780450.31	32°18'41.176N	103°33'33.694W	N/A

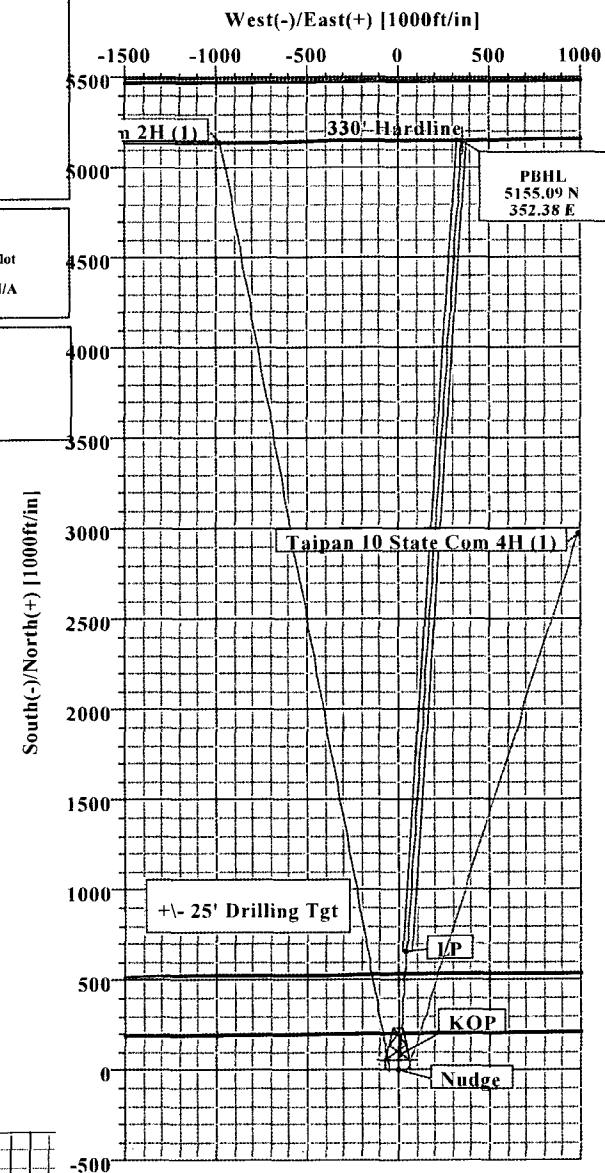
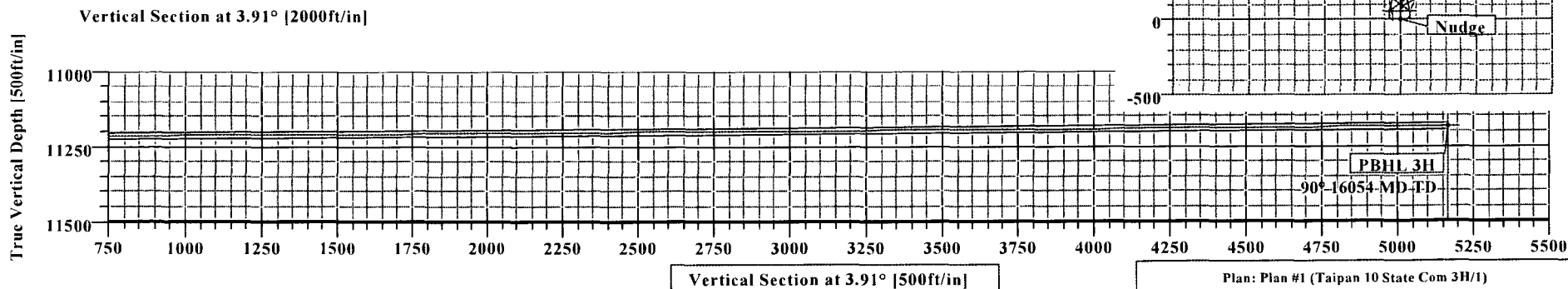
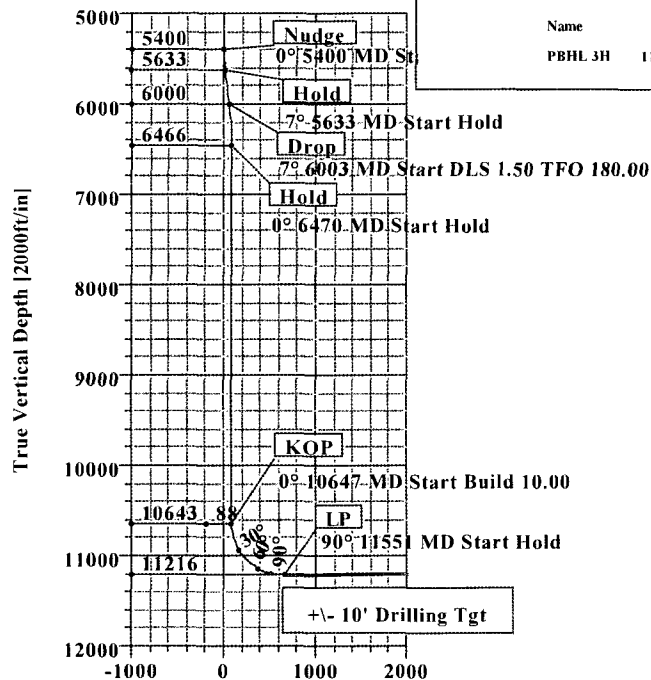
TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL 3H	11185.00	5155.09	352.38	483052.76	780802.69	Rectangle (4502x50)

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 2H (1)
	Taipan 10 State Com 4H (1)
	Plan #1



Weatherford





Weatherford

Wft Plan Report X Y's.

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:05:44 Page: 1
Field: Lea County, New Mexico (NAD 83) Co-ordinate(NE) Reference: Well: Taipan 10 State Com 3H, Grid North
Site: Taipan 10 State Com 2,3,4 Pad Vertical (TVD) Reference: SITE 3730.0
Well: Taipan 10 State Com 3H Section (VS) Reference: Well (0.00N,0.00E,3.91Azi)
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 3H Slot Name:
Well Position: +N/-S 0.43 ft Northing: 477897.67 ft Latitude: 32 18 41.176 N
+E/-W 49.99 ft Easting: 780450.31 ft Longitude: 103 33 33.694 W
Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
Current Datum: SITE Height 3730.00 ft Tie-on Depth: 0.00 ft
Magnetic Data: 10/15/2013 Above System Datum: Mean Sea Level
Field Strength: 48462 nT Declination: 7.30 deg
Vertical Section: Depth From (TVD) +N/-S +E/-W Mag Dip Angle: 60.21 deg
ft ft ft deg
0.00 0.00 0.00 3.91

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	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5400.00	0.00	3.91	5400.00	0.00	0.00	0.00	0.00	0.00	3.91	
5633.33	7.00	3.91	5632.75	14.20	0.97	3.00	3.00	0.00	3.91	
6003.33	7.00	3.91	6000.00	59.19	4.05	0.00	0.00	0.00	0.00	
6470.00	0.00	3.91	6465.50	87.59	5.99	1.50	-1.50	-0.84	180.00	
10647.20	0.00	3.91	10642.70	87.59	5.99	0.00	0.00	0.00	0.00	
11551.10	90.39	3.91	11215.65	663.11	45.33	10.00	10.00	0.00	3.91	
16053.67	90.39	3.91	11185.00	5155.09	352.38	0.00	0.00	0.00	0.00	PBHL 3H

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
5400.00	0.00	3.91	5400.00	0.00	0.00	0.00	0.00	477897.67	780450.31	Nudge
5500.00	3.00	3.91	5499.95	2.61	0.18	2.62	3.00	477900.28	780450.49	
5600.00	6.00	3.91	5599.63	10.44	0.71	10.46	3.00	477908.11	780451.02	
5633.33	7.00	3.91	5632.75	14.20	0.97	14.24	3.00	477911.87	780451.28	Hold
5700.00	7.00	3.91	5698.92	22.31	1.52	22.36	0.00	477919.98	780451.83	
5800.00	7.00	3.91	5798.18	34.47	2.36	34.55	0.00	477932.14	780452.67	
5900.00	7.00	3.91	5897.43	46.63	3.19	46.73	0.00	477944.30	780453.50	
6000.00	7.00	3.91	5996.69	58.78	4.02	58.92	0.00	477956.45	780454.33	
6003.33	7.00	3.91	6000.00	59.19	4.05	59.33	0.00	477956.86	780454.36	Drop
6100.00	5.55	3.91	6096.08	69.73	4.77	69.89	1.50	477967.40	780455.08	
6200.00	4.05	3.91	6195.73	78.08	5.34	78.26	1.50	477975.75	780455.65	
6300.00	2.55	3.91	6295.56	83.82	5.73	84.02	1.50	477981.49	780456.04	
6400.00	1.05	3.91	6395.51	86.95	5.94	87.16	1.50	477984.62	780456.25	
6470.00	0.00	3.91	6465.50	87.59	5.99	87.80	1.50	477985.26	780456.30	Hold
6500.00	0.00	3.91	6495.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
6600.00	0.00	3.91	6595.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
6700.00	0.00	3.91	6695.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
6800.00	0.00	3.91	6795.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
6900.00	0.00	3.91	6895.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7000.00	0.00	3.91	6995.50	87.59	5.99	87.80	0.00	477985.26	780456.30	



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 3H
Wellpath: 1

Date: 4/11/2013 Time: 14:05:44 Page: 2
Co-ordinate(NE) Reference: Well: Taipan 10 State Com 3H, Grid North
Vertical (TVD) Reference: SITE 3730.0
Section (VS) Reference: Well (0.00N,0.00E,3.91Azi)
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
7100.00	0.00	3.91	7095.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7200.00	0.00	3.91	7195.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7300.00	0.00	3.91	7295.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7400.00	0.00	3.91	7395.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7500.00	0.00	3.91	7495.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7600.00	0.00	3.91	7595.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7700.00	0.00	3.91	7695.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7800.00	0.00	3.91	7795.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
7900.00	0.00	3.91	7895.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8000.00	0.00	3.91	7995.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8100.00	0.00	3.91	8095.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8200.00	0.00	3.91	8195.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8300.00	0.00	3.91	8295.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8400.00	0.00	3.91	8395.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8500.00	0.00	3.91	8495.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8600.00	0.00	3.91	8595.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8700.00	0.00	3.91	8695.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8800.00	0.00	3.91	8795.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
8900.00	0.00	3.91	8895.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9000.00	0.00	3.91	8995.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9100.00	0.00	3.91	9095.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9200.00	0.00	3.91	9195.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9300.00	0.00	3.91	9295.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9400.00	0.00	3.91	9395.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9500.00	0.00	3.91	9495.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9600.00	0.00	3.91	9595.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9700.00	0.00	3.91	9695.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9800.00	0.00	3.91	9795.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
9900.00	0.00	3.91	9895.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10000.00	0.00	3.91	9995.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10100.00	0.00	3.91	10095.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10200.00	0.00	3.91	10195.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10300.00	0.00	3.91	10295.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10400.00	0.00	3.91	10395.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10500.00	0.00	3.91	10495.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10600.00	0.00	3.91	10595.50	87.59	5.99	87.80	0.00	477985.26	780456.30	
10647.20	0.00	3.91	10642.70	87.59	5.99	87.80	0.00	477985.26	780456.30	KOP
10700.00	5.28	3.91	10695.43	90.02	6.15	90.23	10.00	477987.69	780456.46	
10800.00	15.28	3.91	10793.70	107.80	7.37	108.05	10.00	478005.47	780457.68	
10900.00	25.28	3.91	10887.38	142.34	9.73	142.67	10.00	478040.01	780460.04	
11000.00	35.28	3.91	10973.63	192.58	13.16	193.03	10.00	478090.25	780463.47	
11100.00	45.28	3.91	11049.82	257.00	17.57	257.60	10.00	478154.67	780467.88	
11200.00	55.28	3.91	11113.64	333.64	22.81	334.42	10.00	478231.31	780473.12	
11300.00	65.28	3.91	11163.16	420.17	28.72	421.15	10.00	478317.84	780479.03	
11400.00	75.28	3.91	11196.86	513.97	35.13	515.17	10.00	478411.64	780485.44	
11500.00	85.28	3.91	11213.72	612.18	41.85	613.61	10.00	478509.85	780492.16	
11551.10	90.39	3.91	11215.65	663.11	45.33	664.66	10.00	478560.78	780495.64	LP
11600.00	90.39	3.91	11215.31	711.89	48.66	713.55	0.00	478609.56	780498.97	
11700.00	90.39	3.91	11214.63	811.66	55.48	813.55	0.00	478709.33	780505.79	
11800.00	90.39	3.91	11213.95	911.42	62.30	913.55	0.00	478809.09	780512.61	
11900.00	90.39	3.91	11213.27	1011.19	69.12	1013.55	0.00	478908.86	780519.43	
12000.00	90.39	3.91	11212.59	1110.95	75.94	1113.55	0.00	479008.62	780526.25	



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 3H
Wellpath: 1

Date: 4/11/2013 Time: 14:05:44 Page: 3
Co-ordinate(NE) Reference: Well: Taipan 10 State Com 3H, Grid North
Vertical (TVD) Reference: SITE 3730.0
Section (VS) Reference: Well (0.00N,0.00E,3.91Azi)
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
12100.00	90.39	3.91	11211.91	1210.72	82.76	1213.54	0.00	479108.39	780533.07	
12200.00	90.39	3.91	11211.23	1310.48	89.58	1313.54	0.00	479208.15	780539.89	
12300.00	90.39	3.91	11210.55	1410.25	96.40	1413.54	0.00	479307.92	780546.71	
12400.00	90.39	3.91	11209.87	1510.01	103.22	1513.54	0.00	479407.68	780553.53	
12500.00	90.39	3.91	11209.19	1609.78	110.04	1613.53	0.00	479507.45	780560.35	
12600.00	90.39	3.91	11208.51	1709.54	116.86	1713.53	0.00	479607.21	780567.17	
12700.00	90.39	3.91	11207.83	1809.31	123.68	1813.53	0.00	479706.98	780573.99	
12800.00	90.39	3.91	11207.15	1909.07	130.50	1913.53	0.00	479806.74	780580.81	
12900.00	90.39	3.91	11206.47	2008.84	137.32	2013.52	0.00	479906.51	780587.63	
13000.00	90.39	3.91	11205.79	2108.60	144.13	2113.52	0.00	480006.27	780594.44	
13100.00	90.39	3.91	11205.10	2208.37	150.95	2213.52	0.00	480106.04	780601.26	
13200.00	90.39	3.91	11204.42	2308.13	157.77	2313.52	0.00	480205.80	780608.08	
13300.00	90.39	3.91	11203.74	2407.90	164.59	2413.52	0.00	480305.57	780614.90	
13400.00	90.39	3.91	11203.06	2507.66	171.41	2513.51	0.00	480405.33	780621.72	
13500.00	90.39	3.91	11202.38	2607.43	178.23	2613.51	0.00	480505.10	780628.54	
13600.00	90.39	3.91	11201.70	2707.19	185.05	2713.51	0.00	480604.86	780635.36	
13700.00	90.39	3.91	11201.02	2806.96	191.87	2813.51	0.00	480704.63	780642.18	
13800.00	90.39	3.91	11200.34	2906.72	198.69	2913.50	0.00	480804.39	780649.00	
13900.00	90.39	3.91	11199.66	3006.49	205.51	3013.50	0.00	480904.16	780655.82	
14000.00	90.39	3.91	11198.98	3106.25	212.33	3113.50	0.00	481003.92	780662.64	
14100.00	90.39	3.91	11198.30	3206.02	219.15	3213.50	0.00	481103.69	780669.46	
14200.00	90.39	3.91	11197.62	3305.78	225.97	3313.49	0.00	481203.45	780676.28	
14300.00	90.39	3.91	11196.94	3405.55	232.79	3413.49	0.00	481303.22	780683.10	
14400.00	90.39	3.91	11196.26	3505.31	239.61	3513.49	0.00	481402.98	780689.92	
14500.00	90.39	3.91	11195.58	3605.07	246.43	3613.49	0.00	481502.74	780696.74	
14600.00	90.39	3.91	11194.89	3704.84	253.25	3713.48	0.00	481602.51	780703.56	
14700.00	90.39	3.91	11194.21	3804.60	260.07	3813.48	0.00	481702.27	780710.38	
14800.00	90.39	3.91	11193.53	3904.37	266.89	3913.48	0.00	481802.04	780717.20	
14900.00	90.39	3.91	11192.85	4004.13	273.71	4013.48	0.00	481901.80	780724.02	
15000.00	90.39	3.91	11192.17	4103.90	280.52	4113.48	0.00	482001.57	780730.83	
15100.00	90.39	3.91	11191.49	4203.66	287.34	4213.47	0.00	482101.33	780737.65	
15200.00	90.39	3.91	11190.81	4303.43	294.16	4313.47	0.00	482201.10	780744.47	
15300.00	90.39	3.91	11190.13	4403.19	300.98	4413.47	0.00	482300.86	780751.29	
15400.00	90.39	3.91	11189.45	4502.96	307.80	4513.47	0.00	482400.63	780758.11	
15500.00	90.39	3.91	11188.77	4602.72	314.62	4613.46	0.00	482500.39	780764.93	
15600.00	90.39	3.91	11188.09	4702.49	321.44	4713.46	0.00	482600.16	780771.75	
15700.00	90.39	3.91	11187.41	4802.25	328.26	4813.46	0.00	482699.92	780778.57	
15800.00	90.39	3.91	11186.73	4902.02	335.08	4913.46	0.00	482799.69	780785.39	
15900.00	90.39	3.91	11186.05	5001.78	341.90	5013.45	0.00	482899.45	780792.21	
16000.00	90.39	3.91	11185.37	5101.55	348.72	5113.45	0.00	482999.22	780799.03	
16053.67	90.39	3.91	11185.00	5155.09	352.38	5167.12	0.00	483052.76	780802.69	PBHL 3H

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ---->			<---- Longitude ---->		
PBHL 3H			11185.00	5155.09	352.38	483052.76	780802.69	32	19	32.160 N	103	33	29.154 W



Weatherford

Wft Plan Report X Y's.



Weatherford

Company: Devon Energy	Date: 4/11/2013	Time: 14:05:44	Page: 4
Field: Lea County, New Mexico (NAD 83)	Co-ordinate(NE) Reference: Well: Taipan 10 State Com 3H, Grid North		
Site: Taipan 10 State Com 2,3,4 Pad	Vertical (TVD) Reference: SITE 3730.0		
Well: Taipan 10 State Com 3H	Section (VS) Reference: Well (0.00N,0.00E,3.91Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature		Db: Sybase

Casing Points

MD	TVD	Diameter	Hole Size	Name

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

Annotation

MD ft	TVD ft	
5400.00	5400.00	Nudge
5633.33	5632.75	Hold
6003.33	5999.99	Drop
6470.00	6465.50	Hold
10647.20	10642.70	KOP
11551.10	11215.65	LP
16053.66	11185.00	PBHL



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:06:36 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 3H, Grid North
Reference Well: Taipan 10 State Com 3H Vertical (TVD) Reference: SITE 3730.0
Reference Wellpath: Db: Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria
Interpolation Method MD + Stations Interval: 100.00 ft
Depth Range: 0.00 to 16106.20 ft
Maximum Radius 40000.00 ft

Reference: Plan: Plan #1
Error Model: ISCWSA Ellipse
Scan Method: Closest Approach 3D
Error Surface: Ellipse

Plan: Plan #1

Date Composed: 4/11/2013

Principal: Yes

Version: 1
Tied-to: From Surface

Summary

Site	Offset Wellpath	Reference MD	Offset MD	Ctr-Ctr Edge Distance	Separation Distance	Warning
Well	Wellpath	ft	ft	ft	Factor	
Taipan 10 State Com	Taipan 10 State Com 1 V0 Plan: Plan #1 V1	5500.00	5499.95	50.26	25.82	2.06
Taipan 10 State Com	Taipan 10 State Com 1 V0 Plan: Plan #1 V1	5600.00	5599.63	50.27	25.39	2.02

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

Well: Taipan 10 State Com 2H

Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD	Offset MD	Semi-Major Axis	Offset Location	Ctr-Ctr Edge	Separation	Warning
ft	ft	Ref Offset TFO-HS	North East	Distance	Distance Factor	
0.00	0.00	0.00 0.00 269.51	-0.43 -49.99	49.99		No Data
100.00	100.00	0.08 0.08 269.51	-0.43 -49.99	49.99	49.82	
200.00	200.00	0.31 0.31 269.51	-0.43 -49.99	49.99	49.37	
300.00	300.00	0.53 0.53 269.51	-0.43 -49.99	49.99	48.92	
400.00	400.00	0.76 0.76 269.51	-0.43 -49.99	49.99	48.47	32.95
500.00	500.00	0.98 0.98 269.51	-0.43 -49.99	49.99	48.03	25.42
600.00	600.00	1.21 1.21 269.51	-0.43 -49.99	49.99	47.58	20.69
700.00	700.00	1.43 1.43 269.51	-0.43 -49.99	49.99	47.13	17.44
800.00	800.00	1.66 1.66 269.51	-0.43 -49.99	49.99	46.68	15.08
900.00	900.00	1.88 1.88 269.51	-0.43 -49.99	49.99	46.23	13.28
1000.00	1000.00	2.11 2.11 269.51	-0.43 -49.99	49.99	45.78	11.86
1100.00	1100.00	2.33 2.33 269.51	-0.43 -49.99	49.99	45.33	10.72
1200.00	1200.00	2.56 2.56 269.51	-0.43 -49.99	49.99	44.88	9.78
1300.00	1300.00	2.78 2.78 269.51	-0.43 -49.99	49.99	44.43	8.99
1400.00	1400.00	3.01 3.01 269.51	-0.43 -49.99	49.99	43.98	8.31
1500.00	1500.00	3.23 3.23 269.51	-0.43 -49.99	49.99	43.53	7.74
1600.00	1600.00	3.46 3.46 269.51	-0.43 -49.99	49.99	43.08	7.23
1700.00	1700.00	3.68 3.68 269.51	-0.43 -49.99	49.99	42.63	6.79
1800.00	1800.00	3.91 3.91 269.51	-0.43 -49.99	49.99	42.18	6.40
1900.00	1900.00	4.13 4.13 269.51	-0.43 -49.99	49.99	41.73	6.05
2000.00	2000.00	4.35 4.35 269.51	-0.43 -49.99	49.99	41.28	5.74
2100.00	2100.00	4.58 4.58 269.51	-0.43 -49.99	49.99	40.83	5.46
2200.00	2200.00	4.80 4.80 269.51	-0.43 -49.99	49.99	40.38	5.20
2300.00	2300.00	5.03 5.03 269.51	-0.43 -49.99	49.99	39.93	4.97
2400.00	2400.00	5.25 5.25 269.51	-0.43 -49.99	49.99	39.48	4.76
2500.00	2500.00	5.48 5.48 269.51	-0.43 -49.99	49.99	39.03	4.56
2600.00	2600.00	5.70 5.70 269.51	-0.43 -49.99	49.99	38.58	4.38
2700.00	2700.00	5.93 5.93 269.51	-0.43 -49.99	49.99	38.14	4.22
2800.00	2800.00	6.15 6.15 269.51	-0.43 -49.99	49.99	37.69	4.06
2900.00	2900.00	6.38 6.38 269.51	-0.43 -49.99	49.99	37.24	3.92
3000.00	3000.00	6.60 6.60 269.51	-0.43 -49.99	49.99	36.79	3.79
3100.00	3100.00	6.83 6.83 269.51	-0.43 -49.99	49.99	36.34	3.66
3200.00	3200.00	7.05 7.05 269.51	-0.43 -49.99	49.99	35.89	3.54
3300.00	3300.00	7.28 7.28 269.51	-0.43 -49.99	49.99	35.44	3.44
3400.00	3400.00	7.50 7.50 269.51	-0.43 -49.99	49.99	34.99	3.33
3500.00	3500.00	7.73 7.73 269.51	-0.43 -49.99	49.99	34.54	3.24



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:06:36 Page: 2
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 3H, Grid North
Reference Well: Taipan 10 State Com 3H Vertical (TVD) Reference: SITE 3730.0
Reference Wellpath: Db: Sybase

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

Inter-Site Error: 0.00 ft

Reference MD	TVD	Offset MD	TVD	Semi-Major Axis Ref	Offset	TFO-HS	Offset Location North	East	Ctr-Ctr Edge Distance	Separation Distance	Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
3600.00	3600.00	3600.00	3600.00	7.95	7.95	269.51	-0.43	-49.99	49.99	34.09	3.14	
3700.00	3700.00	3700.00	3700.00	8.18	8.18	269.51	-0.43	-49.99	49.99	33.64	3.06	
3800.00	3800.00	3800.00	3800.00	8.40	8.40	269.51	-0.43	-49.99	49.99	33.19	2.98	
3900.00	3900.00	3900.00	3900.00	8.63	8.63	269.51	-0.43	-49.99	49.99	32.74	2.90	
4000.00	4000.00	4000.00	4000.00	8.85	8.85	269.51	-0.43	-49.99	49.99	32.29	2.82	
4100.00	4100.00	4100.00	4100.00	9.07	9.07	269.51	-0.43	-49.99	49.99	31.84	2.75	
4200.00	4200.00	4200.00	4200.00	9.30	9.30	269.51	-0.43	-49.99	49.99	31.39	2.69	
4300.00	4300.00	4300.00	4300.00	9.52	9.52	269.51	-0.43	-49.99	49.99	30.94	2.62	
4400.00	4400.00	4400.00	4400.00	9.75	9.75	269.51	-0.43	-49.99	49.99	30.49	2.56	
4500.00	4500.00	4500.00	4500.00	9.97	9.97	269.51	-0.43	-49.99	49.99	30.04	2.51	
4600.00	4600.00	4600.00	4600.00	10.20	10.20	269.51	-0.43	-49.99	49.99	29.59	2.45	
4700.00	4700.00	4700.00	4700.00	10.42	10.42	269.51	-0.43	-49.99	49.99	29.14	2.40	
4800.00	4800.00	4800.00	4800.00	10.65	10.65	269.51	-0.43	-49.99	49.99	28.70	2.35	
4900.00	4900.00	4900.00	4900.00	10.87	10.87	269.51	-0.43	-49.99	49.99	28.25	2.30	
5000.00	5000.00	5000.00	5000.00	11.10	11.10	269.51	-0.43	-49.99	49.99	27.80	2.25	
5100.00	5100.00	5100.00	5100.00	11.32	11.32	269.51	-0.43	-49.99	49.99	27.35	2.21	
5200.00	5200.00	5200.00	5200.00	11.55	11.55	269.51	-0.43	-49.99	49.99	26.90	2.16	
5300.00	5300.00	5300.00	5300.00	11.77	11.77	269.51	-0.43	-49.99	49.99	26.45	2.12	
5400.00	5400.00	5400.00	5400.00	12.00	12.00	269.51	-0.43	-49.99	49.99	26.00	2.08	
5500.00	5499.95	5499.95	5499.95	12.22	12.22	262.63	-0.43	-49.99	50.26	25.82	2.06	
5600.00	5599.63	5599.63	5599.63	12.44	12.45	254.08	-0.43	-49.99	51.86	26.97	2.08	
5633.33	5632.75	5632.75	5632.75	12.52	12.52	250.21	-0.43	-49.99	53.02	27.99	2.12	
5700.00	5698.92	5698.92	5698.92	12.66	12.67	242.45	-0.43	-49.99	56.31	30.99	2.22	
5800.00	5798.18	5798.18	5798.18	12.89	12.89	232.61	-0.43	-49.99	62.91	37.16	2.44	
5900.00	5897.43	5897.43	5897.43	13.12	13.11	224.80	-0.43	-49.99	71.01	44.81	2.71	
6000.00	5996.69	5996.69	5996.69	13.35	13.34	218.67	-0.43	-49.99	80.14	53.51	3.01	
6003.33	6000.00	6000.00	6000.00	13.36	13.35	218.49	-0.43	-49.99	80.46	53.81	3.02	
6100.00	6096.08	6096.08	6096.08	13.56	13.56	214.18	-0.43	-49.99	89.00	61.92	3.29	
6200.00	6195.73	6195.73	6195.73	13.74	13.79	211.33	-0.43	-49.99	96.04	68.56	3.49	
6300.00	6295.56	6295.56	6295.56	13.92	14.01	209.59	-0.43	-49.99	101.01	73.12	3.62	
6400.00	6395.51	6395.51	6395.51	14.10	14.23	208.72	-0.43	-49.99	103.75	75.46	3.67	
6470.00	6465.50	6465.50	6465.50	14.22	14.39	212.45	-0.43	-49.99	104.32	75.74	3.65	
6500.00	6495.50	6495.50	6495.50	14.28	14.46	212.45	-0.43	-49.99	104.32	75.61	3.63	
6600.00	6595.50	6595.50	6595.50	14.50	14.68	212.45	-0.43	-49.99	104.32	75.17	3.58	
6700.00	6695.50	6695.50	6695.50	14.73	14.91	212.45	-0.43	-49.99	104.32	74.72	3.52	
6800.00	6795.50	6795.50	6795.50	14.95	15.13	212.45	-0.43	-49.99	104.32	74.27	3.47	
6900.00	6895.50	6895.50	6895.50	15.17	15.36	212.45	-0.43	-49.99	104.32	73.82	3.42	
7000.00	6995.50	6995.50	6995.50	15.40	15.58	212.45	-0.43	-49.99	104.32	73.37	3.37	
7100.00	7095.50	7095.50	7095.50	15.62	15.81	212.45	-0.43	-49.99	104.32	72.92	3.32	
7200.00	7195.50	7195.50	7195.50	15.84	16.03	212.45	-0.43	-49.99	104.32	72.47	3.28	
7300.00	7295.50	7295.50	7295.50	16.07	16.26	212.45	-0.43	-49.99	104.32	72.02	3.23	
7400.00	7395.50	7395.50	7395.50	16.29	16.48	212.45	-0.43	-49.99	104.32	71.58	3.19	
7500.00	7495.50	7495.50	7495.50	16.51	16.71	212.45	-0.43	-49.99	104.32	71.13	3.14	
7600.00	7595.50	7595.50	7595.50	16.74	16.93	212.45	-0.43	-49.99	104.32	70.68	3.10	
7700.00	7695.50	7695.50	7695.50	16.96	17.16	212.45	-0.43	-49.99	104.32	70.23	3.06	
7800.00	7795.50	7795.50	7795.50	17.18	17.38	212.45	-0.43	-49.99	104.32	69.78	3.02	
7900.00	7895.50	7895.50	7895.50	17.41	17.61	212.45	-0.43	-49.99	104.32	69.33	2.98	
8000.00	7995.50	7995.50	7995.50	17.63	17.83	212.45	-0.43	-49.99	104.32	68.88	2.94	
8100.00	8095.50	8095.50	8095.50	17.86	18.06	212.45	-0.43	-49.99	104.32	68.43	2.91	
8200.00	8195.50	8195.50	8195.50	18.08	18.28	212.45	-0.43	-49.99	104.32	67.98	2.87	
8300.00	8295.50	8295.50	8295.50	18.30	18.50	212.45	-0.43	-49.99	104.32	67.53	2.84	



Weatherford Anticollision Report

**Weatherford®**

Company: Devon Energy Date: 4/11/2013 Time: 14:06:36 Page: 3
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 3H, Grid North
Reference Well: Taipan 10 State Com 3H Vertical (TVD) Reference: SITE 3730.0
Reference Wellpath: Db: Sybase

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

Inter-Site Error: 0.00 ft

Reference MD	Reference TVD	Offset MD	Offset TVD	Semi-Major Axis Ref	Semi-Major Axis Offset	Semi-Major Axis TFO-HS	Offset Location North	Offset Location East	Ctr-Ctr Edge Distance	Separation Distance	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft	
8400.00	8395.50	8395.50	8395.50	18.53	18.73	212.45	-0.43	-49.99	104.32	67.09	2.80
8500.00	8495.50	8495.50	8495.50	18.75	18.95	212.45	-0.43	-49.99	104.32	66.64	2.77
8600.00	8595.50	8595.50	8595.50	18.98	19.18	212.45	-0.43	-49.99	104.32	66.19	2.74
8700.00	8695.50	8695.50	8695.50	19.20	19.40	212.45	-0.43	-49.99	104.32	65.74	2.70
8800.00	8795.50	8795.50	8795.50	19.42	19.63	212.45	-0.43	-49.99	104.32	65.29	2.67
8900.00	8895.50	8895.50	8895.50	19.65	19.85	212.45	-0.43	-49.99	104.32	64.84	2.64
9000.00	8995.50	8995.50	8995.50	19.87	20.08	212.45	-0.43	-49.99	104.32	64.39	2.61
9100.00	9095.50	9095.50	9095.50	20.09	20.30	212.45	-0.43	-49.99	104.32	63.94	2.58
9200.00	9195.50	9195.50	9195.50	20.32	20.53	212.45	-0.43	-49.99	104.32	63.49	2.56
9300.00	9295.50	9295.50	9295.50	20.54	20.75	212.45	-0.43	-49.99	104.32	63.04	2.53
9400.00	9395.50	9395.50	9395.50	20.77	20.98	212.45	-0.43	-49.99	104.32	62.59	2.50
9500.00	9495.50	9495.50	9495.50	20.99	21.20	212.45	-0.43	-49.99	104.32	62.15	2.47
9600.00	9595.50	9595.50	9595.50	21.22	21.43	212.45	-0.43	-49.99	104.32	61.70	2.45
9700.00	9695.50	9695.50	9695.50	21.44	21.65	212.45	-0.43	-49.99	104.32	61.25	2.42
9800.00	9795.50	9795.50	9795.50	21.66	21.88	212.45	-0.43	-49.99	104.32	60.80	2.40
9900.00	9895.50	9895.50	9895.50	21.89	22.10	212.45	-0.43	-49.99	104.32	60.35	2.37
10000.00	9995.50	9995.50	9995.50	22.11	22.33	212.45	-0.43	-49.99	104.32	59.90	2.35
10100.00	10095.50	10095.50	10095.50	22.34	22.55	212.45	-0.43	-49.99	104.32	59.45	2.33
10200.00	10195.50	10195.50	10195.50	22.56	22.78	212.45	-0.43	-49.99	104.32	59.00	2.30
10300.00	10295.50	10295.50	10295.50	22.78	23.00	212.45	-0.43	-49.99	104.32	58.55	2.28
10400.00	10395.50	10395.50	10395.50	23.01	23.23	212.45	-0.43	-49.99	104.32	58.10	2.26
10500.00	10495.50	10495.50	10495.50	23.23	23.45	212.45	-0.43	-49.99	104.32	57.65	2.24
10600.00	10595.50	10595.50	10595.50	23.46	23.67	212.45	-0.43	-49.99	104.32	57.20	2.21
10647.20	10642.70	10642.70	10642.70	23.56	23.78	212.45	-0.43	-49.99	104.32	56.99	2.20
10650.00	10645.50	10645.88	10645.88	23.57	23.79	208.54	-0.42	-49.99	104.32	56.98	2.20
10700.00	10695.43	10703.59	10703.48	23.68	23.92	209.00	2.72	-50.56	104.42	56.91	2.20
10750.00	10744.95	10761.16	10760.33	23.80	24.04	210.29	11.51	-52.14	104.68	57.14	2.20
10800.00	10793.70	10818.47	10815.74	23.92	24.16	212.39	25.79	-54.70	105.18	57.72	2.22
10850.00	10841.29	10875.39	10869.08	24.04	24.28	215.22	45.31	-58.21	106.07	58.72	2.24
10900.00	10887.38	10931.83	10919.76	24.17	24.40	218.72	69.69	-62.59	107.50	60.25	2.28
10950.00	10931.60	10987.69	10967.28	24.30	24.53	222.76	98.55	-67.78	109.64	62.42	2.32
11000.00	10973.63	11042.91	11011.23	24.44	24.67	227.20	131.42	-73.68	112.68	65.34	2.38
11050.00	11013.13	11097.44	11051.28	24.60	24.81	231.89	167.80	-80.22	116.75	69.12	2.45
11100.00	11049.82	11151.24	11087.18	24.77	24.98	236.69	207.22	-87.30	121.95	73.86	2.54
11150.00	11083.41	11204.30	11118.75	24.96	25.17	241.45	249.17	-94.84	128.30	79.62	2.64
11200.00	11113.64	11256.63	11145.89	25.17	25.37	246.06	293.18	-102.75	135.80	86.41	2.75
11250.00	11140.29	11308.24	11168.56	25.40	25.61	250.46	338.80	-110.94	144.36	94.21	2.88
11300.00	11163.16	11359.16	11186.75	25.65	25.86	254.59	385.60	-119.35	153.88	102.94	3.02
11350.00	11182.06	11409.44	11200.50	25.93	26.14	258.42	433.18	-127.90	164.22	112.49	3.17
11400.00	11196.86	11459.11	11209.87	26.23	26.45	261.96	481.18	-136.53	175.25	122.74	3.34
11450.00	11207.44	11508.23	11214.95	26.55	26.77	265.21	529.25	-145.16	186.80	133.54	3.51
11500.00	11213.72	11556.82	11215.93	26.90	27.11	268.16	577.05	-153.75	198.74	144.74	3.68
11551.10	11215.65	11606.32	11215.60	27.27	27.49	270.11	625.77	-162.51	211.16	156.40	3.86
11600.00	11215.31	11653.74	11215.28	27.65	27.89	270.11	672.44	-170.89	223.07	167.54	4.02
11700.00	11214.63	11750.73	11214.64	28.49	28.74	270.10	767.90	-188.05	247.43	190.19	4.32
11800.00	11213.95	11847.72	11213.99	29.42	29.69	270.09	863.36	-205.20	271.78	212.66	4.60
11900.00	11213.27	11944.71	11213.34	30.44	30.73	270.08	958.82	-222.35	296.14	234.97	4.84
12000.00	11212.59	12041.70	11212.70	31.52	31.84	270.08	1054.27	-239.50	320.49	257.14	5.06
12100.00	11211.91	12138.69	11212.05	32.66	33.01	270.07	1149.73	-256.65	344.85	279.17	5.25
12200.00	11211.23	12235.68	11211.41	33.87	34.25	270.07	1245.19	-273.81	369.20	301.09	5.42
12300.00	11210.55	12332.66	11210.76	35.13	35.54	270.07	1340.65	-290.96	393.56	322.90	5.57



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:06:36 Page: 4
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad Co-ordinate(N/E) Reference: Well: Taipan 10 State Com 3H, Grid North
Reference Well: Taipan 10 State Com 3H Vertical (TVD) Reference: SITE 3730.0
Reference Wellpath: Db: Sybase

Site: Taipan 10 State Com 2,3,4 Pad
Well: Taipan 10 State Com 2H
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
12400.00	11209.87	12429.65	11210.11	36.43	36.87	270.06	1436.11	-308.11	417.92	344.61	5.70	
12500.00	11209.19	12526.64	11209.47	37.78	38.26	270.06	1531.56	-325.26	442.27	366.24	5.82	
12600.00	11208.51	12623.63	11208.82	39.16	39.68	270.06	1627.02	-342.42	466.63	387.79	5.92	
12700.00	11207.83	12720.62	11208.17	40.58	41.13	270.06	1722.48	-359.57	490.98	409.27	6.01	
12800.00	11207.15	12817.61	11207.53	42.02	42.62	270.05	1817.94	-376.72	515.34	430.70	6.09	
12900.00	11206.47	12914.60	11206.88	43.50	44.13	270.05	1913.39	-393.87	539.69	452.06	6.16	
13000.00	11205.79	13011.59	11206.24	45.00	45.67	270.05	2008.85	-411.02	564.05	473.38	6.22	
13100.00	11205.10	13108.57	11205.59	46.52	47.23	270.05	2104.31	-428.18	588.40	494.65	6.28	
13200.00	11204.42	13205.56	11204.94	48.06	48.82	270.05	2199.77	-445.33	612.76	515.88	6.33	
13300.00	11203.74	13302.55	11204.30	49.62	50.42	270.05	2295.23	-462.48	637.12	537.08	6.37	
13400.00	11203.06	13399.54	11203.65	51.20	52.04	270.05	2390.68	-479.63	661.47	558.24	6.41	
13500.00	11202.38	13496.53	11203.00	52.79	53.67	270.04	2486.14	-496.78	685.83	579.37	6.44	
13600.00	11201.70	13593.52	11202.36	54.39	55.32	270.04	2581.60	-513.94	710.18	600.47	6.47	
13700.00	11201.02	13690.51	11201.71	56.01	56.98	270.04	2677.06	-531.09	734.54	621.55	6.50	
13800.00	11200.34	13787.49	11201.07	57.64	58.65	270.04	2772.51	-548.24	758.89	642.60	6.53	
13900.00	11199.66	13884.48	11200.42	59.28	60.34	270.04	2867.97	-565.39	783.25	663.63	6.55	
14000.00	11198.98	13981.47	11199.77	60.93	62.03	270.04	2963.43	-582.55	807.60	684.64	6.57	
14100.00	11198.30	14078.46	11199.13	62.59	63.73	270.04	3058.89	-599.70	831.96	705.64	6.59	
14200.00	11197.62	14175.45	11198.48	64.26	65.44	270.04	3154.35	-616.85	856.32	726.62	6.60	
14300.00	11196.94	14272.44	11197.83	65.93	67.16	270.04	3249.80	-634.00	880.67	747.58	6.62	
14400.00	11196.26	14369.43	11197.19	67.61	68.89	270.04	3345.26	-651.15	905.03	768.53	6.63	
14500.00	11195.58	14466.42	11196.54	69.30	70.62	270.04	3440.72	-668.31	929.38	789.46	6.64	
14600.00	11194.89	14563.40	11195.90	70.99	72.36	270.04	3536.18	-685.46	953.74	810.39	6.65	
14700.00	11194.21	14660.39	11195.25	72.69	74.10	270.04	3631.64	-702.61	978.09	831.30	6.66	
14800.00	11193.53	14757.38	11194.60	74.40	75.85	270.03	3727.09	-719.76	1002.45	852.20	6.67	
14900.00	11192.85	14854.37	11193.96	76.11	77.61	270.03	3822.55	-736.91	1026.80	873.09	6.68	
15000.00	11192.17	14951.36	11193.31	77.82	79.36	270.03	3918.01	-754.07	1051.16	893.97	6.69	
15100.00	11191.49	15048.35	11192.66	79.54	81.13	270.03	4013.47	-771.22	1075.51	914.85	6.69	
15200.00	11190.81	15145.34	11192.02	81.26	82.90	270.03	4108.92	-788.37	1099.87	935.71	6.70	
15300.00	11190.13	15242.33	11191.37	82.99	84.67	270.03	4204.38	-805.52	1124.23	956.57	6.71	
15400.00	11189.45	15339.31	11190.73	84.72	86.44	270.03	4299.84	-822.67	1148.58	977.42	6.71	
15500.00	11188.77	15436.30	11190.08	86.45	88.22	270.03	4395.30	-839.83	1172.94	998.26	6.72	
15600.00	11188.09	15533.29	11189.43	88.19	90.00	270.03	4490.76	-856.98	1197.29	1019.10	6.72	
15700.00	11187.41	15630.28	11188.79	89.93	91.78	270.03	4586.21	-874.13	1221.65	1039.93	6.72	
15800.00	11186.73	15727.27	11188.14	91.67	93.57	270.03	4681.67	-891.28	1246.00	1060.76	6.73	
15900.00	11186.05	15824.26	11187.49	93.42	95.36	270.03	4777.13	-908.44	1270.36	1081.58	6.73	
16000.00	11185.37	15921.25	11186.85	95.16	97.15	270.03	4872.59	-925.59	1294.71	1102.40	6.73	
16053.67	11185.00	15973.30	11186.50	96.10	98.12	270.03	4923.82	-934.79	1307.79	1113.57	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 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	89.52	0.42	49.98	49.98			No Data
100.00	100.00	100.00	100.00	0.08	0.08	89.52	0.42	49.98	49.98	49.81	296.50	
200.00	200.00	200.00	200.00	0.31	0.31	89.52	0.42	49.98	49.98	49.36	80.86	
300.00	300.00	300.00	300.00	0.53	0.53	89.52	0.42	49.98	49.98	48.91	46.82	
400.00	400.00	400.00	400.00	0.76	0.76	89.52	0.42	49.98	49.98	48.46	32.94	
500.00	500.00	500.00	500.00	0.98	0.98	89.52	0.42	49.98	49.98	48.02	25.41	



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 3H
Reference Wellpath:

Date: 4/11/2013 Time: 14:06:36 Page: 5
Co-ordinate(NE) Reference: Well: Taipan 10 State Com 3H, 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 MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis			Offset Location		Ctr-Ctr Distance ft	Edge Distance ft	Separation Distance ft	Warning
				Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
600.00	600.00	600.00	600.00	1.21	1.21	89.52	0.42	49.98	49.98	47.57	20.69	
700.00	700.00	700.00	700.00	1.43	1.43	89.52	0.42	49.98	49.98	47.12	17.44	
800.00	800.00	800.00	800.00	1.66	1.66	89.52	0.42	49.98	49.98	46.67	15.08	
900.00	900.00	900.00	900.00	1.88	1.88	89.52	0.42	49.98	49.98	46.22	13.28	
1000.00	1000.00	1000.00	1000.00	2.11	2.11	89.52	0.42	49.98	49.98	45.77	11.86	
1100.00	1100.00	1100.00	1100.00	2.33	2.33	89.52	0.42	49.98	49.98	45.32	10.72	
1200.00	1200.00	1200.00	1200.00	2.56	2.56	89.52	0.42	49.98	49.98	44.87	9.77	
1300.00	1300.00	1300.00	1300.00	2.78	2.78	89.52	0.42	49.98	49.98	44.42	8.98	
1400.00	1400.00	1400.00	1400.00	3.01	3.01	89.52	0.42	49.98	49.98	43.97	8.31	
1500.00	1500.00	1500.00	1500.00	3.23	3.23	89.52	0.42	49.98	49.98	43.52	7.73	
1600.00	1600.00	1600.00	1600.00	3.46	3.46	89.52	0.42	49.98	49.98	43.07	7.23	
1700.00	1700.00	1700.00	1700.00	3.68	3.68	89.52	0.42	49.98	49.98	42.62	6.79	
1800.00	1800.00	1800.00	1800.00	3.91	3.91	89.52	0.42	49.98	49.98	42.17	6.40	
1900.00	1900.00	1900.00	1900.00	4.13	4.13	89.52	0.42	49.98	49.98	41.72	6.05	
2000.00	2000.00	2000.00	2000.00	4.35	4.35	89.52	0.42	49.98	49.98	41.27	5.74	
2100.00	2100.00	2100.00	2100.00	4.58	4.58	89.52	0.42	49.98	49.98	40.82	5.46	
2200.00	2200.00	2200.00	2200.00	4.80	4.80	89.52	0.42	49.98	49.98	40.37	5.20	
2300.00	2300.00	2300.00	2300.00	5.03	5.03	89.52	0.42	49.98	49.98	39.92	4.97	
2400.00	2400.00	2400.00	2400.00	5.25	5.25	89.52	0.42	49.98	49.98	39.47	4.76	
2500.00	2500.00	2500.00	2500.00	5.48	5.48	89.52	0.42	49.98	49.98	39.02	4.56	
2600.00	2600.00	2600.00	2600.00	5.70	5.70	89.52	0.42	49.98	49.98	38.57	4.38	
2700.00	2700.00	2700.00	2700.00	5.93	5.93	89.52	0.42	49.98	49.98	38.13	4.22	
2800.00	2800.00	2800.00	2800.00	6.15	6.15	89.52	0.42	49.98	49.98	37.68	4.06	
2900.00	2900.00	2900.00	2900.00	6.38	6.38	89.52	0.42	49.98	49.98	37.23	3.92	
3000.00	3000.00	3000.00	3000.00	6.60	6.60	89.52	0.42	49.98	49.98	36.78	3.79	
3100.00	3100.00	3100.00	3100.00	6.83	6.83	89.52	0.42	49.98	49.98	36.33	3.66	
3200.00	3200.00	3200.00	3200.00	7.05	7.05	89.52	0.42	49.98	49.98	35.88	3.54	
3300.00	3300.00	3300.00	3300.00	7.28	7.28	89.52	0.42	49.98	49.98	35.43	3.43	
3400.00	3400.00	3400.00	3400.00	7.50	7.50	89.52	0.42	49.98	49.98	34.98	3.33	
3500.00	3500.00	3500.00	3500.00	7.73	7.73	89.52	0.42	49.98	49.98	34.53	3.23	
3600.00	3600.00	3600.00	3600.00	7.95	7.95	89.52	0.42	49.98	49.98	34.08	3.14	
3700.00	3700.00	3700.00	3700.00	8.18	8.18	89.52	0.42	49.98	49.98	33.63	3.06	
3800.00	3800.00	3800.00	3800.00	8.40	8.40	89.52	0.42	49.98	49.98	33.18	2.97	
3900.00	3900.00	3900.00	3900.00	8.63	8.63	89.52	0.42	49.98	49.98	32.73	2.90	
4000.00	4000.00	4000.00	4000.00	8.85	8.85	89.52	0.42	49.98	49.98	32.28	2.82	
4100.00	4100.00	4100.00	4100.00	9.07	9.07	89.52	0.42	49.98	49.98	31.83	2.75	
4200.00	4200.00	4200.00	4200.00	9.30	9.30	89.52	0.42	49.98	49.98	31.38	2.69	
4300.00	4300.00	4300.00	4300.00	9.52	9.52	89.52	0.42	49.98	49.98	30.93	2.62	
4400.00	4400.00	4400.00	4400.00	9.75	9.75	89.52	0.42	49.98	49.98	30.48	2.56	
4500.00	4500.00	4500.00	4500.00	9.97	9.97	89.52	0.42	49.98	49.98	30.03	2.51	
4600.00	4600.00	4600.00	4600.00	10.20	10.20	89.52	0.42	49.98	49.98	29.58	2.45	
4700.00	4700.00	4700.00	4700.00	10.42	10.42	89.52	0.42	49.98	49.98	29.13	2.40	
4800.00	4800.00	4800.00	4800.00	10.65	10.65	89.52	0.42	49.98	49.98	28.69	2.35	
4900.00	4900.00	4900.00	4900.00	10.87	10.87	89.52	0.42	49.98	49.98	28.24	2.30	
5000.00	5000.00	5000.00	5000.00	11.10	11.10	89.52	0.42	49.98	49.98	27.79	2.25	
5100.00	5100.00	5100.00	5100.00	11.32	11.32	89.52	0.42	49.98	49.98	27.34	2.21	
5200.00	5200.00	5200.00	5200.00	11.55	11.55	89.52	0.42	49.98	49.98	26.89	2.16	
5300.00	5300.00	5300.00	5300.00	11.77	11.77	89.52	0.42	49.98	49.98	26.44	2.12	
5400.00	5400.00	5400.00	5400.00	12.00	12.00	89.52	0.42	49.98	49.98	25.99	2.08	
5500.00	5499.95	5499.95	5499.95	12.22	12.22	88.61	0.42	49.98	49.85	25.41	2.04	
5600.00	5599.63	5599.63	5599.63	12.44	12.45	97.54	0.42	49.98	50.27	25.39	2.02	



Weatherford Anticollision Report

**Weatherford®**

Company: Devon Energy Date: 4/11/2013 Time: 14:06:36 Page: 6
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad Co-ordinate(N/E) Reference: Well: Taipan 10 State Com 3H, Grid North
Reference Well: Taipan 10 State Com 3H 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 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
5633.33	5632.75	5632.75	5632.75	12.52	12.52	101.71	0.42	49.98	50.91	25.88	2.03	
5700.00	5698.92	5698.92	5698.92	12.66	12.67	110.26	0.42	49.98	53.17	27.85	2.10	
5800.00	5798.18	5798.18	5798.18	12.89	12.89	121.46	0.42	49.98	58.54	32.78	2.27	
5900.00	5897.43	5897.43	5897.43	13.12	13.11	130.52	0.42	49.98	65.76	39.56	2.51	
6000.00	5996.69	5996.69	5996.69	13.35	13.34	137.66	0.42	49.98	74.29	47.65	2.79	
6003.33	6000.00	6000.00	6000.00	13.36	13.35	137.87	0.42	49.98	74.59	47.93	2.80	
6100.00	6096.08	6096.08	6096.08	13.56	13.56	142.84	0.42	49.98	82.75	55.68	3.06	
6200.00	6195.73	6195.73	6195.73	13.74	13.79	146.13	0.42	49.98	89.58	62.09	3.26	
6300.00	6295.56	6295.56	6295.56	13.92	14.01	148.12	0.42	49.98	94.41	66.52	3.38	
6400.00	6395.51	6395.51	6395.51	14.10	14.23	149.11	0.42	49.98	97.10	68.80	3.43	
6470.00	6465.50	6465.50	6465.50	14.22	14.39	153.22	0.42	49.98	97.65	69.08	3.42	
6500.00	6495.50	6495.50	6495.50	14.28	14.46	153.22	0.42	49.98	97.65	68.95	3.40	
6600.00	6595.50	6595.50	6595.50	14.50	14.68	153.22	0.42	49.98	97.65	68.50	3.35	
6700.00	6695.50	6695.50	6695.50	14.73	14.91	153.22	0.42	49.98	97.65	68.05	3.30	
6800.00	6795.50	6795.50	6795.50	14.95	15.13	153.22	0.42	49.98	97.65	67.60	3.25	
6900.00	6895.50	6895.50	6895.50	15.17	15.36	153.22	0.42	49.98	97.65	67.16	3.20	
7000.00	6995.50	6995.50	6995.50	15.40	15.58	153.22	0.42	49.98	97.65	66.71	3.16	
7100.00	7095.50	7095.50	7095.50	15.62	15.81	153.22	0.42	49.98	97.65	66.26	3.11	
7200.00	7195.50	7195.50	7195.50	15.84	16.03	153.22	0.42	49.98	97.65	65.81	3.07	
7300.00	7295.50	7295.50	7295.50	16.07	16.26	153.22	0.42	49.98	97.65	65.36	3.02	
7400.00	7395.50	7395.50	7395.50	16.29	16.48	153.22	0.42	49.98	97.65	64.91	2.98	
7500.00	7495.50	7495.50	7495.50	16.51	16.71	153.22	0.42	49.98	97.65	64.46	2.94	
7600.00	7595.50	7595.50	7595.50	16.74	16.93	153.22	0.42	49.98	97.65	64.01	2.90	
7700.00	7695.50	7695.50	7695.50	16.96	17.16	153.22	0.42	49.98	97.65	63.56	2.87	
7800.00	7795.50	7795.50	7795.50	17.18	17.38	153.22	0.42	49.98	97.65	63.11	2.83	
7900.00	7895.50	7895.50	7895.50	17.41	17.61	153.22	0.42	49.98	97.65	62.67	2.79	
8000.00	7995.50	7995.50	7995.50	17.63	17.83	153.22	0.42	49.98	97.65	62.22	2.76	
8100.00	8095.50	8095.50	8095.50	17.86	18.06	153.22	0.42	49.98	97.65	61.77	2.72	
8200.00	8195.50	8195.50	8195.50	18.08	18.28	153.22	0.42	49.98	97.65	61.32	2.69	
8300.00	8295.50	8295.50	8295.50	18.30	18.50	153.22	0.42	49.98	97.65	60.87	2.66	
8400.00	8395.50	8395.50	8395.50	18.53	18.73	153.22	0.42	49.98	97.65	60.42	2.62	
8500.00	8495.50	8495.50	8495.50	18.75	18.95	153.22	0.42	49.98	97.65	59.97	2.59	
8600.00	8595.50	8595.50	8595.50	18.98	19.18	153.22	0.42	49.98	97.65	59.52	2.56	
8700.00	8695.50	8695.50	8695.50	19.20	19.40	153.22	0.42	49.98	97.65	59.07	2.53	
8800.00	8795.50	8795.50	8795.50	19.42	19.63	153.22	0.42	49.98	97.65	58.62	2.50	
8900.00	8895.50	8895.50	8895.50	19.65	19.85	153.22	0.42	49.98	97.65	58.17	2.47	
9000.00	8995.50	8995.50	8995.50	19.87	20.08	153.22	0.42	49.98	97.65	57.73	2.45	
9100.00	9095.50	9095.50	9095.50	20.09	20.30	153.22	0.42	49.98	97.65	57.28	2.42	
9200.00	9195.50	9195.50	9195.50	20.32	20.53	153.22	0.42	49.98	97.65	56.83	2.39	
9300.00	9295.50	9295.50	9295.50	20.54	20.75	153.22	0.42	49.98	97.65	56.38	2.37	
9400.00	9395.50	9395.50	9395.50	20.77	20.98	153.22	0.42	49.98	97.65	55.93	2.34	
9500.00	9495.50	9495.50	9495.50	20.99	21.20	153.22	0.42	49.98	97.65	55.48	2.32	
9600.00	9595.50	9595.50	9595.50	21.22	21.43	153.22	0.42	49.98	97.65	55.03	2.29	
9700.00	9695.50	9695.50	9695.50	21.44	21.65	153.22	0.42	49.98	97.65	54.58	2.27	
9800.00	9795.50	9795.50	9795.50	21.66	21.88	153.22	0.42	49.98	97.65	54.13	2.24	
9900.00	9895.50	9895.50	9895.50	21.89	22.10	153.22	0.42	49.98	97.65	53.68	2.22	
10000.00	9995.50	9995.50	9995.50	22.11	22.33	153.22	0.42	49.98	97.65	53.23	2.20	
10100.00	10095.50	10095.50	10095.50	22.34	22.55	153.22	0.42	49.98	97.65	52.78	2.18	
10200.00	10195.50	10195.50	10195.50	22.56	22.78	153.22	0.42	49.98	97.65	52.34	2.16	
10300.00	10295.50	10295.50	10295.50	22.78	23.00	153.22	0.42	49.98	97.65	51.89	2.13	
10400.00	10395.50	10395.50	10395.50	23.01	23.23	153.22	0.42	49.98	97.65	51.44	2.11	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy Date: 4/11/2013 Time: 14:06:36 Page: 7
Field: Lea County, New Mexico (NAD 83)
Reference Site: Taipan 10 State Com 2,3,4 Pad Co-ordinate(N/E) Reference: Well: Taipan 10 State Com 3H, Grid North
Reference Well: Taipan 10 State Com 3H 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	Reference TVD	Offset MD	Offset TVD	Semi-Major Axis Ref	Semi-Major Axis Offset	Semi-Major Axis TFO-HS	Offset Location North	Offset Location East	Ctr-Ctr Edge Distance	Ctr-Ctr Edge Distance	Separation Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
10500.00	10495.50	10495.50	10495.50	23.23	23.45	153.22	0.42	49.98	97.65	50.99	2.09	
10600.00	10595.50	10595.50	10595.50	23.46	23.67	153.22	0.42	49.98	97.65	50.54	2.07	
10647.20	10642.70	10642.70	10642.70	23.56	23.78	153.22	0.42	49.98	97.65	50.33	2.06	
10650.00	10645.50	10645.84	10645.84	23.57	23.79	149.31	0.43	49.98	97.65	50.31	2.06	
10700.00	10695.43	10702.77	10702.66	23.68	23.91	148.86	3.38	50.92	97.78	50.28	2.06	
10750.00	10744.95	10759.57	10758.77	23.80	24.04	147.58	11.68	53.54	98.15	50.60	2.06	
10800.00	10793.70	10816.14	10813.52	23.92	24.16	145.51	25.16	57.80	98.82	51.32	2.08	
10850.00	10841.29	10872.37	10866.30	24.04	24.27	142.72	43.60	63.62	99.92	52.51	2.11	
10900.00	10887.38	10928.18	10916.55	24.17	24.39	139.29	66.68	70.92	101.58	54.25	2.15	
10950.00	10931.60	10983.47	10963.79	24.30	24.52	135.34	94.05	79.57	103.98	56.64	2.20	
11000.00	10973.63	11038.19	11007.60	24.44	24.65	131.02	125.27	89.43	107.25	59.78	2.26	
11050.00	11013.13	11092.29	11047.66	24.60	24.79	126.48	159.93	100.38	111.51	63.75	2.33	
11100.00	11049.82	11145.75	11083.69	24.77	24.95	121.87	197.55	112.27	116.84	68.64	2.42	
11150.00	11083.41	11198.54	11115.52	24.96	25.13	117.30	237.69	124.96	123.25	74.48	2.53	
11200.00	11113.64	11250.67	11143.01	25.17	25.33	112.89	279.90	138.30	130.72	81.28	2.64	
11250.00	11140.29	11302.16	11166.11	25.40	25.55	108.70	323.76	152.15	139.18	89.02	2.77	
11300.00	11163.16	11353.02	11184.78	25.65	25.79	104.77	368.85	166.40	148.52	97.61	2.92	
11350.00	11182.06	11403.29	11199.05	25.93	26.05	101.12	414.80	180.92	158.62	106.95	3.07	
11400.00	11196.86	11453.02	11208.95	26.23	26.34	97.75	461.25	195.60	169.34	116.93	3.23	
11450.00	11207.44	11502.24	11214.55	26.55	26.64	94.66	507.87	210.33	180.55	127.41	3.40	
11500.00	11213.72	11550.99	11215.97	26.90	26.97	91.83	554.32	225.01	192.10	138.24	3.57	
11551.10	11215.65	11600.58	11215.65	27.27	27.32	89.91	601.61	239.95	204.11	149.52	3.74	
11600.00	11215.31	11648.11	11215.34	27.65	27.69	89.91	646.92	254.27	215.63	160.29	3.90	
11700.00	11214.63	11745.29	11214.72	28.49	28.50	89.93	739.59	283.55	239.19	182.19	4.20	
11800.00	11213.95	11842.48	11214.09	29.42	29.40	89.94	832.26	312.84	262.75	203.92	4.47	
11900.00	11213.27	11939.66	11213.46	30.44	30.38	89.94	924.92	342.12	286.31	225.49	4.71	
12000.00	11212.59	12036.85	11212.84	31.52	31.43	89.95	1017.59	371.40	309.86	246.92	4.92	
12100.00	11211.91	12134.03	11212.21	32.66	32.54	89.96	1110.26	400.68	333.42	268.21	5.11	
12200.00	11211.23	12231.22	11211.58	33.87	33.72	89.96	1202.92	429.97	356.98	289.39	5.28	
12300.00	11210.55	12328.40	11210.96	35.13	34.95	89.97	1295.59	459.25	380.54	310.46	5.43	
12400.00	11209.87	12425.59	11210.33	36.43	36.22	89.97	1388.26	488.53	404.09	331.44	5.56	
12500.00	11209.19	12522.78	11209.70	37.78	37.54	89.98	1480.92	517.81	427.65	352.33	5.68	
12600.00	11208.51	12619.96	11209.08	39.16	38.90	89.98	1573.59	547.10	451.21	373.15	5.78	
12700.00	11207.83	12717.15	11208.45	40.58	40.29	89.98	1666.26	576.38	474.77	393.90	5.87	
12800.00	11207.15	12814.33	11207.82	42.02	41.71	89.99	1758.93	605.66	498.33	414.59	5.95	
12900.00	11206.47	12911.52	11207.20	43.50	43.16	89.99	1851.59	634.94	521.88	435.22	6.02	
13000.00	11205.79	13008.70	11206.57	45.00	44.64	89.99	1944.26	664.23	545.44	455.80	6.08	
13100.00	11205.10	13105.89	11205.94	46.52	46.14	89.99	2036.93	693.51	569.00	476.34	6.14	
13200.00	11204.42	13203.07	11205.32	48.06	47.66	89.99	2129.59	722.79	592.56	496.83	6.19	
13300.00	11203.74	13300.26	11204.69	49.62	49.20	90.00	2222.26	752.07	616.11	517.29	6.23	
13400.00	11203.06	13397.45	11204.06	51.20	50.76	90.00	2314.93	781.36	639.67	537.72	6.27	
13500.00	11202.38	13494.63	11203.44	52.79	52.33	90.00	2407.59	810.64	663.23	558.11	6.31	
13600.00	11201.70	13591.82	11202.81	54.39	53.91	90.00	2500.26	839.92	686.79	578.48	6.34	
13700.00	11201.02	13689.00	11202.18	56.01	55.51	90.00	2592.93	869.20	710.35	598.82	6.37	
13800.00	11200.34	13786.19	11201.56	57.64	57.12	90.00	2685.60	898.49	733.90	619.14	6.39	
13900.00	11199.66	13883.37	11200.93	59.28	58.74	90.00	2778.26	927.77	757.46	639.43	6.42	
14000.00	11198.98	13980.56	11200.31	60.93	60.38	90.01	2870.93	957.05	781.02	659.71	6.44	
14100.00	11198.30	14077.74	11199.68	62.59	62.02	90.01	2963.60	986.33	804.58	679.97	6.46	
14200.00	11197.62	14174.93	11199.05	64.26	63.67	90.01	3056.26	1015.62	828.13	700.21	6.47	
14300.00	11196.94	14272.12	11198.43	65.93	65.32	90.01	3148.93	1044.90	851.69	720.44	6.49	
14400.00	11196.26	14369.30	11197.80	67.61	66.99	90.01	3241.60	1074.18	875.25	740.65	6.50	



Weatherford Anticollision Report

**Weatherford®**

Company: Devon Energy Date: 4/11/2013 Time: 14:06:36 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 3H, Grid North
Reference Well: Taipan 10 State Com 3H 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		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		
14500.00	11195.58	14466.49	11197.17	69.30	68.66	90.01	3334.26	1103.46	898.81	760.85	6.52	
14600.00	11194.89	14563.67	11196.55	70.99	70.34	90.01	3426.93	1132.75	922.36	781.03	6.53	
14700.00	11194.21	14660.86	11195.92	72.69	72.02	90.01	3519.60	1162.03	945.92	801.21	6.54	
14800.00	11193.53	14758.04	11195.29	74.40	73.71	90.01	3612.27	1191.31	969.48	821.37	6.55	
14900.00	11192.85	14855.23	11194.67	76.11	75.40	90.01	3704.93	1220.59	993.04	841.53	6.55	
15000.00	11192.17	14952.41	11194.04	77.82	77.10	90.01	3797.60	1249.88	1016.60	861.67	6.56	
15100.00	11191.49	15049.60	11193.41	79.54	78.81	90.01	3890.27	1279.16	1040.15	881.81	6.57	
15200.00	11190.81	15146.79	11192.79	81.26	80.51	90.01	3982.93	1308.44	1063.71	901.93	6.58	
15300.00	11190.13	15243.97	11192.16	82.99	82.22	90.02	4075.60	1337.72	1087.27	922.05	6.58	
15400.00	11189.45	15341.16	11191.53	84.72	83.94	90.02	4168.27	1367.01	1110.83	942.17	6.59	
15500.00	11188.77	15438.34	11190.91	86.45	85.66	90.02	4260.93	1396.29	1134.38	962.27	6.59	
15600.00	11188.09	15535.53	11190.28	88.19	87.38	90.02	4353.60	1425.57	1157.94	982.37	6.60	
15700.00	11187.41	15632.71	11189.65	89.93	89.10	90.02	4446.27	1454.85	1181.50	1002.47	6.60	
15800.00	11186.73	15729.90	11189.03	91.67	90.83	90.02	4538.94	1484.14	1205.06	1022.55	6.60	
15900.00	11186.05	15827.08	11188.40	93.42	92.56	90.02	4631.60	1513.42	1228.62	1042.64	6.61	
16000.00	11185.37	15924.27	11187.77	95.16	94.29	90.02	4724.27	1542.70	1252.17	1062.71	6.61	
16053.67	11185.00	15976.43	11187.44	96.10	95.22	90.02	4774.00	1558.42	1264.82	1073.49	6.61	

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

GeoDec v5.03

Report Date: April 11, 2013
Job Number: _____
Customer: Devon Energy
Well Name: Taipan 10 State Com #3H
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 477897.670 USFT	Latitude 32.3114403 DEG
East/West 780450.310 USFT	Longitude -103.5593545 DEG
Grid Convergence: .41°	
Total Correction: +7.00°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.31144° N	32° 18 min 41.185 sec
Longitude =	103.55935° W	103° 33 min 33.676 sec

Magnetic Declination =	7.41°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6525
Local Field Strength =	48425 nT	Magnetic Vector X = 23890 nT
Magnetic Dip =	60.17°	Magnetic Vector Y = 3107 nT
Magnetic Model =	bggm2012	Magnetic Vector Z = 42007 nT
Spud Date =	Oct 15, 2013	Magnetic Vector H = 24091 nT

Signed: _____

Date: _____