

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 15, 2009
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-40779	² Pool Code 60660	³ Pool Name TURKEY TRACK; BONE SPRING
⁴ Property Code	⁵ Property Name PERIDOT "13" STATE	⁶ Well Number 5H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3375.0

¹⁰ Surface Location

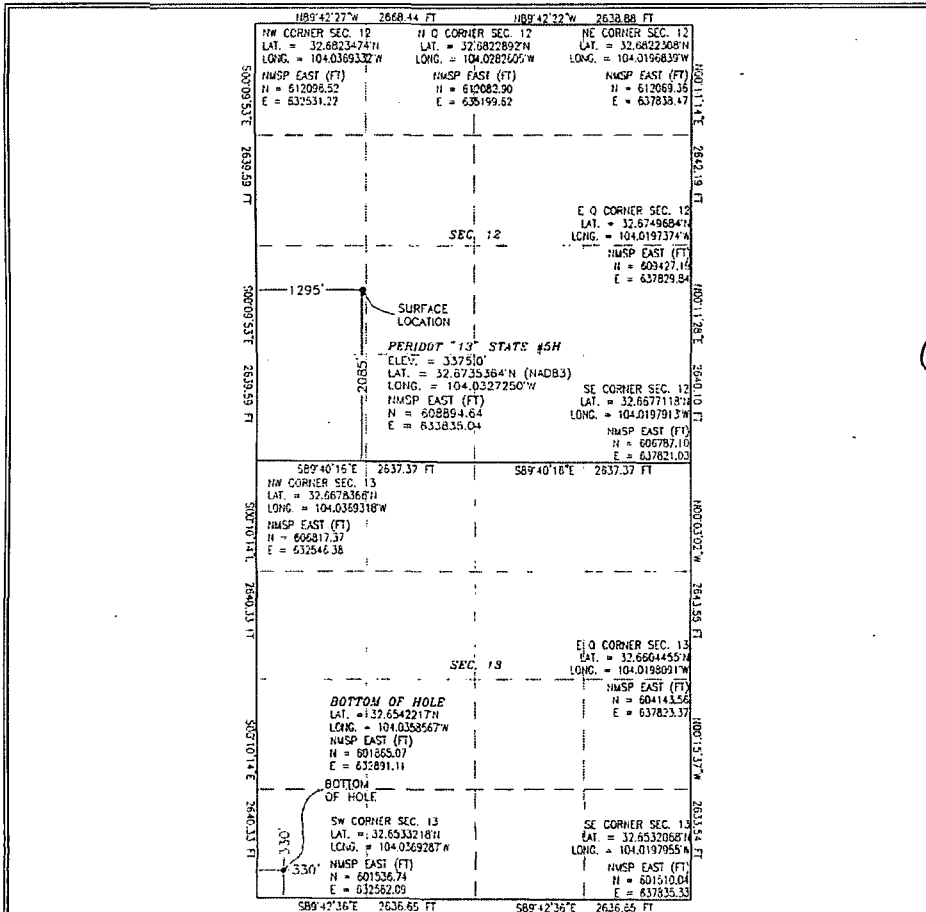
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	12	19 S	29 E		2085	SOUTH	1295	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

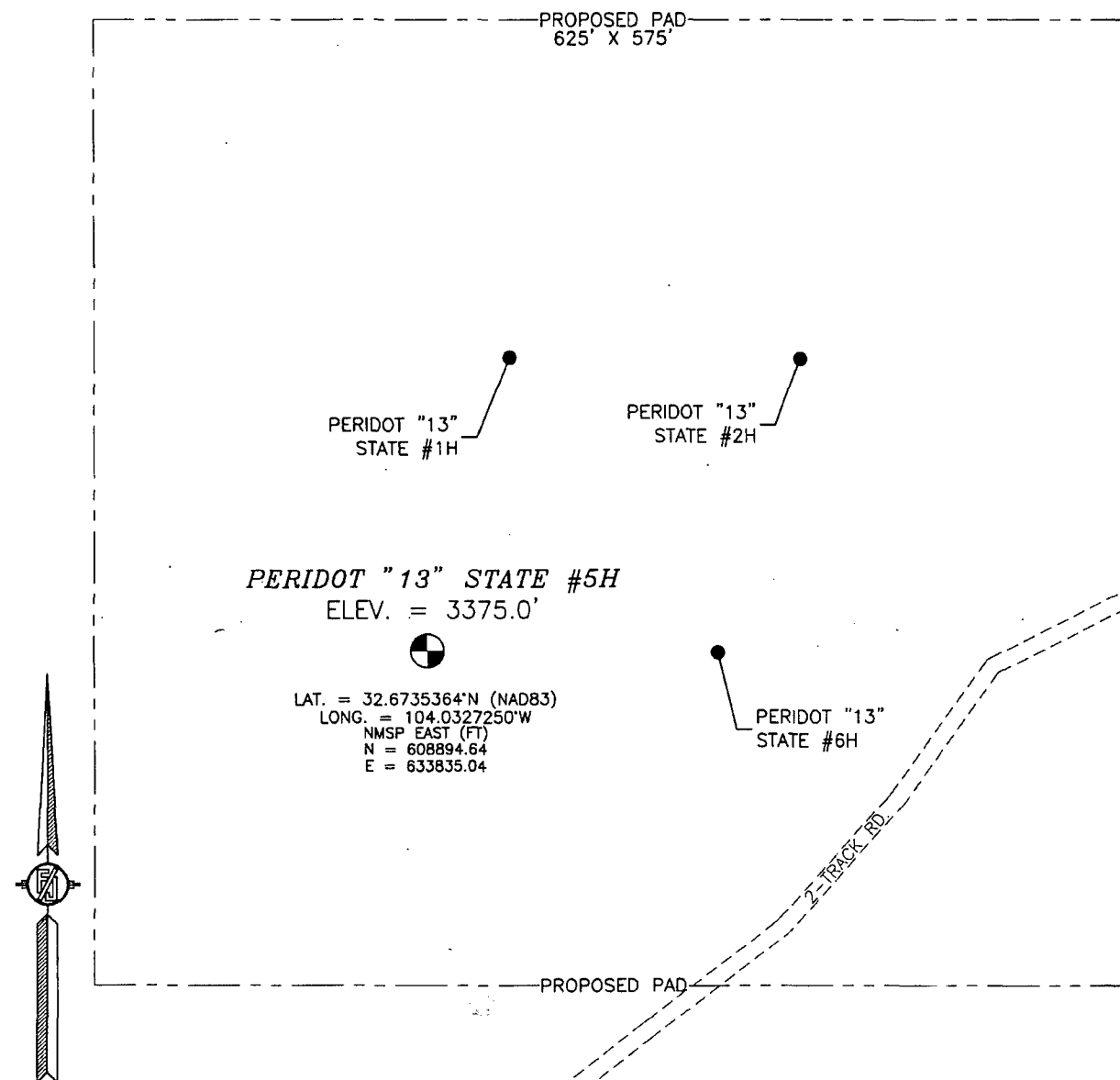
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	19 S	29 E		330	SOUTH	330	WEST	EDDY

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

	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: <i>Judy A. Barnett</i> Date: _____ Printed Name: Judy A. Barnett Regulatory Specialist 7/31/12 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. MAY 5, 2012 Date of Survey: _____ Signature and Seal of Professional Surveyor: <i>F. Jaramillo</i> Certification Number: FILMON F. JARAMILLO, PLS 12797 SURVEY NO. 1007
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SECTION 12, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 210 (OLD LOCO) AND STATE HIGHWAY 360, GO SOUTHEAST ON STATE HIGHWAY 360 FOR APPROX. 3.2 MILES. GO SOUTH (DCP WEST TURKEY TRACK COMPRESSOR STATION SIGN) FOR APPROX. 1.6 MILES. GO NORTHEAST APPROX. 0.3 OF A MILE. GO SOUTHWEST APPROX. 0.5 OF A MILE. GO SOUTHEAST APPROX. 0.2 OF A MILE. GO NORTHEAST APPROX. 0.2 OF A MILE TO PAD SURVEY.

DEVON ENERGY PRODUCTION COMPANY, L.P.

PERIDOT "13" STATE #5H

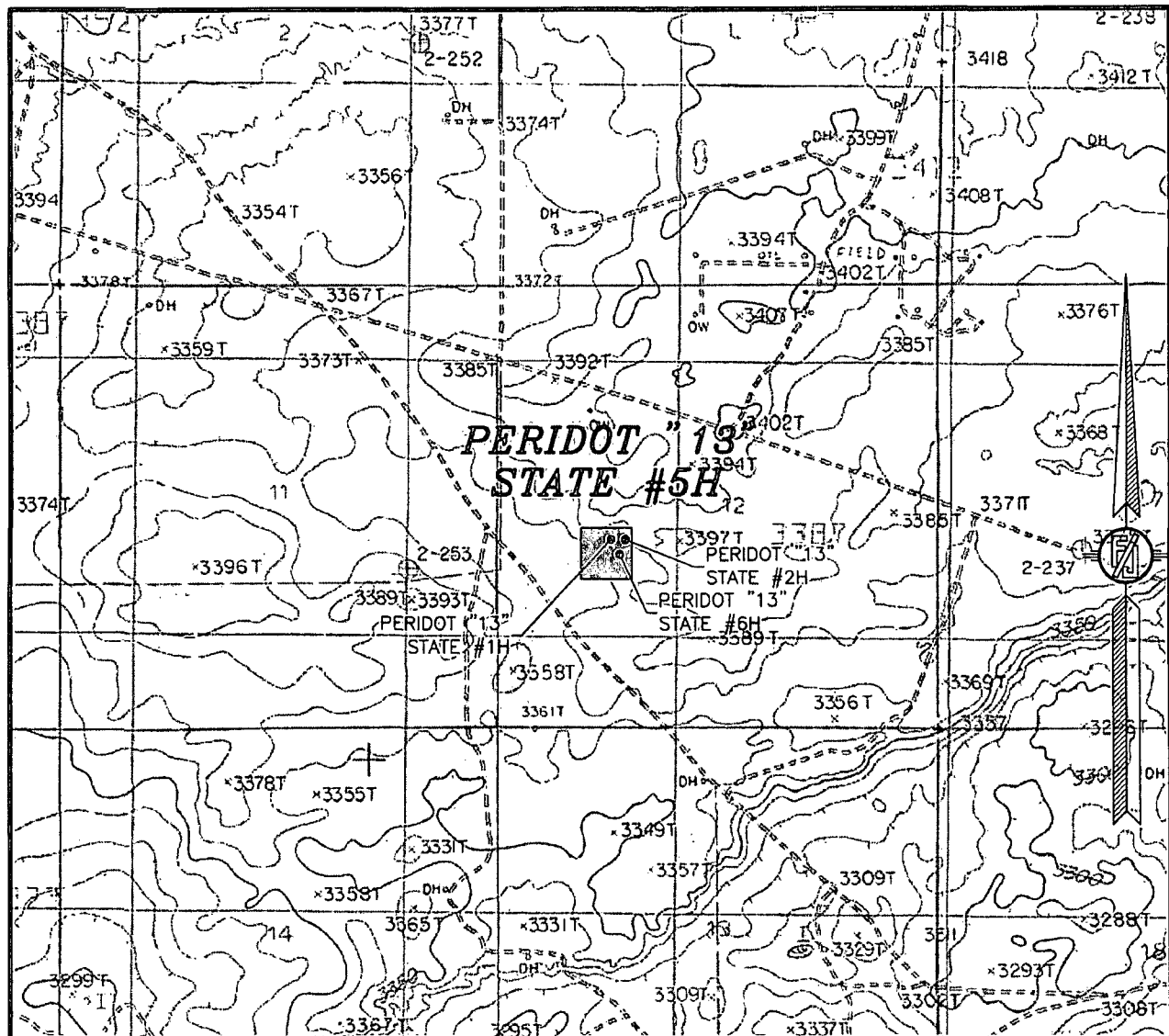
LOCATED 2085 FT. FROM THE SOUTH LINE
AND 1295 FT. FROM THE WEST LINE OF
SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 5, 2012

SURVEY NO. 1007

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

SECTION 12, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
ILLINOIS CAMP NE

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

PERIDOT "13" STATE #5H

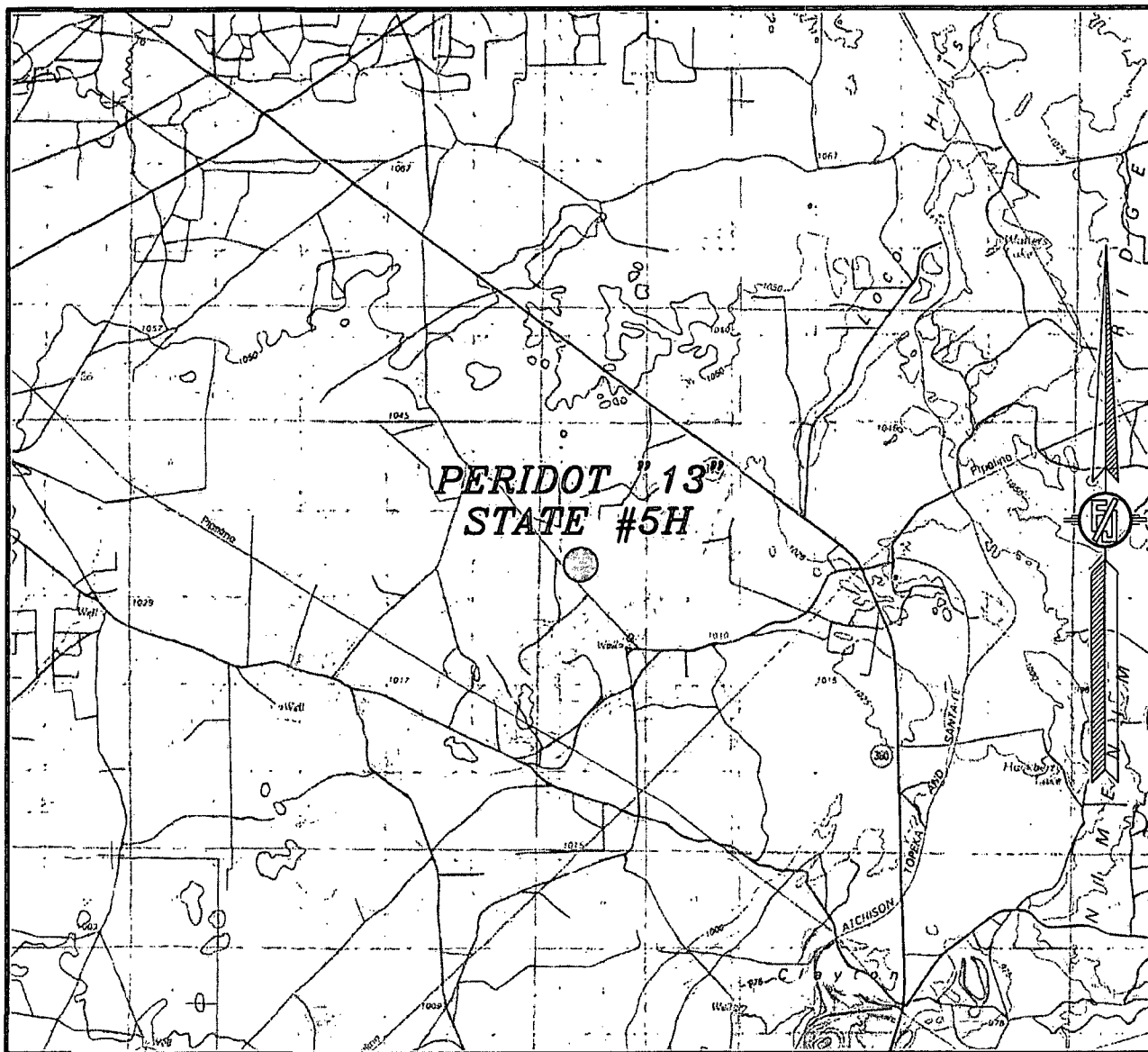
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RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

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SECTION 12, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

PERIDOT "13" STATE #5H

LOCATED 2085 FT. FROM THE SOUTH LINE
AND 1295 FT. FROM THE WEST LINE OF
SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 5, 2012

SURVEY NO. 1007

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



WeatherfordTM

Drilling Services

Proposal



devon

PERIDOT 13 STATE #5H

EDDY COUNTY, NM

WELL FILE: **PLAN 1**

JULY 18, 2012

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

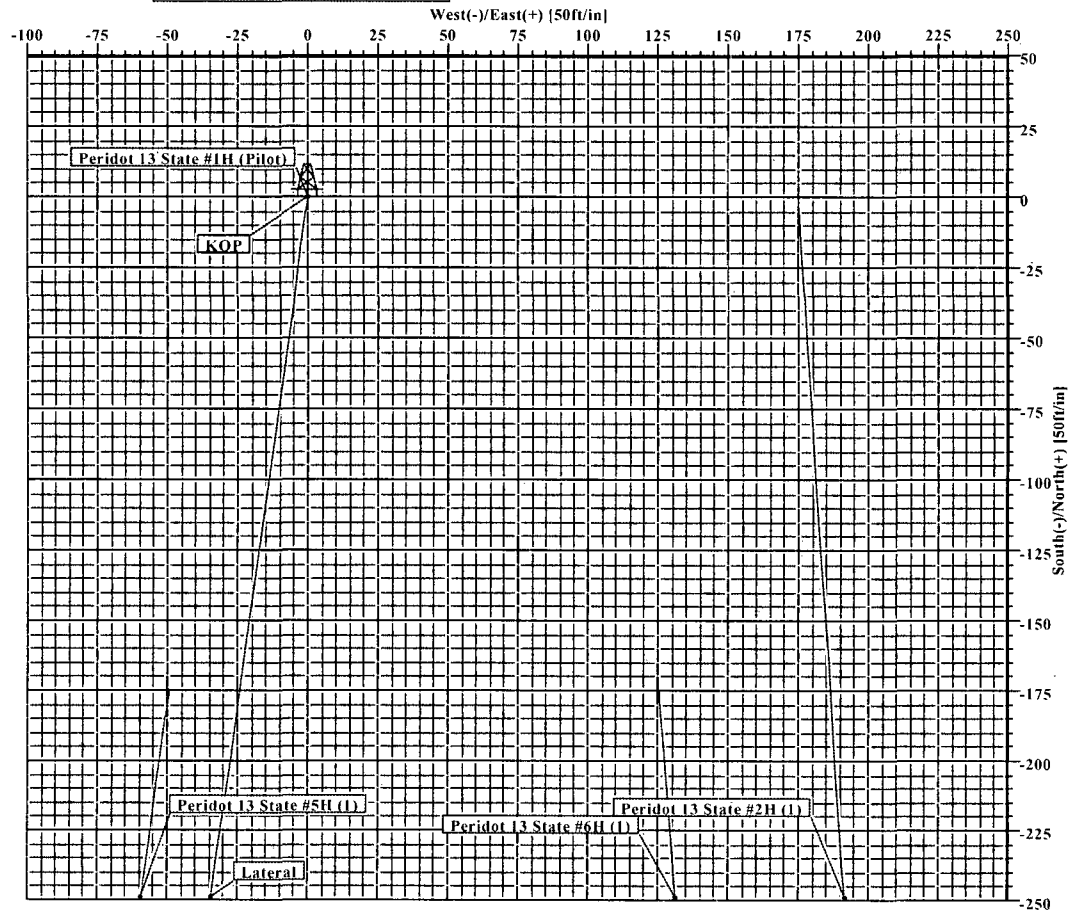
www.weatherford.com



Peridot 13 State #1H
Eddy Co., New Mexico

LEGEND

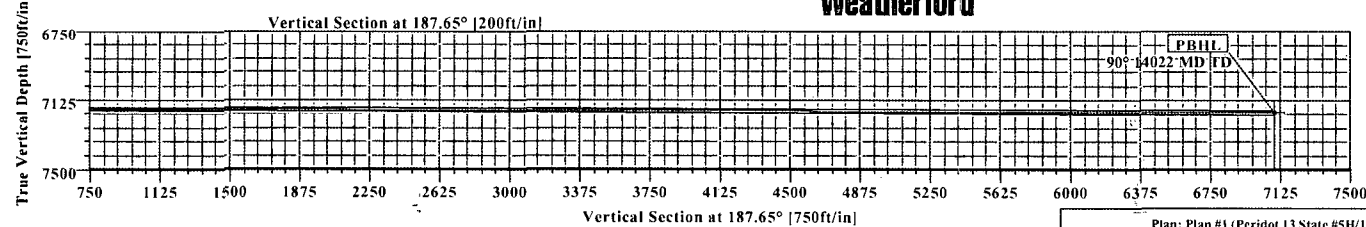
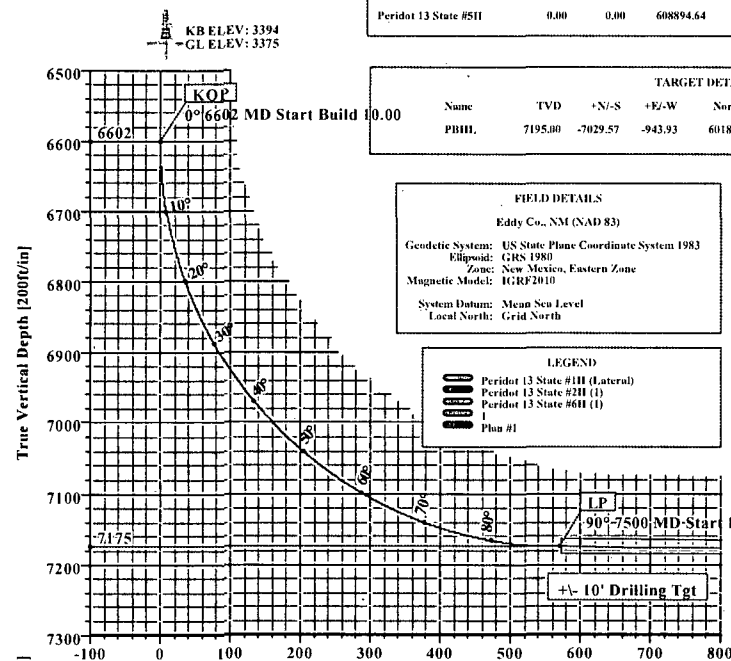
- Peridot 13 State #1H (Pilot)
- Peridot 13 State #2H (1)
- Peridot 13 State #5H (1)
- Peridot 13 State #6H (1)
- Lateral



Wellpath: (Peridot 13 State #1H/Lateral)
Created By: Russell W. Joyner Date: 7/18/2012



Peridot 13 State #5H
Eddy Co., New Mexico



SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DI.eg	TFace	VSec Target
1	0.00	0.00	187.65	0.00	0.00	0.00	0.00	0.00	0.00
2	6602.04	0.00	187.65	6602.04	0.00	0.00	0.00	0.00	0.00
3	7500.28	89.82	187.65	7175.00	-566.12	-76.02	10.00	187.65	571.20
4	14021.78	89.82	187.65	7195.00	-7029.57	-943.93	0.00	0.00	7092.66 PBHL

WELL DETAILS						
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Peridot 13 State #5H	0.00	0.00	608894.64	633835.04	32°40'24.719N	104°01'57.825W

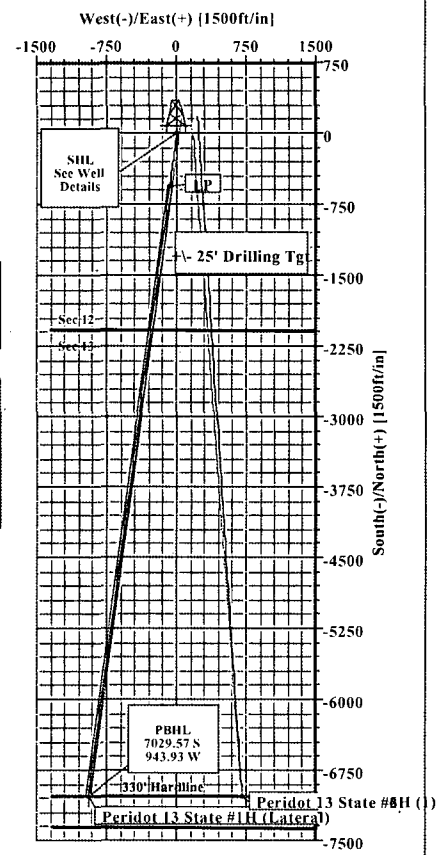
TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	7195.00	-7029.57	-943.93	601865.07	632891.11	Rectangle (6521x50)

FIELD DETAILS
Eddy Co., NM (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS
Peridot 13 State #5H
Site Centre Northing: 608894.64
Easting: 633835.04
Ground Level: 3375.00
Positional Uncertainty: 0.00
Convergence: 0.16

LEGEND
Peridot 13 State #1H (Lateral)
Peridot 13 State #2H (1)
Peridot 13 State #6H (1)
Plan #1

Azimuths to Grid North
True North: -0.16°
Magnetic North: 7.45°
Magnetic Field
Strength: 40678 nT
Dip Angle: 60.48°
Date: 5/15/2013
Model: IGRF2010
Total Correction to Grid North: 7.45°



Plan: Plan #1 (Peridot 13 State #5H/1)
Created By: Russell W. Joyner
Date: 7/18/2012



Weatherford

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy Date: 7/18/2012 Time: 10:10:08 Page: 1
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Site: Peridot 13 State #5H Vertical (TVD) Reference: SITE 3394.0
Well: Peridot 13 State #5H Section (VS) Reference: Well (0.00N,0.00E,187.65Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Plan: Plan #1 Date Composed: 7/18/2012
Principal: Yes Version: 1
Tied-to: From Surface

Field: Eddy Co., NM (NAD 83)

Map System: US State Plane Coordinate System 1983 Map Zone: New Mexico, Eastern Zone
Geo Datum: GRS 1980 Coordinate System: Well Centre
Sys Datum: Mean Sea Level Geomagnetic Model: IGRF2010

Site: Peridot 13 State #5H

Site Position: Northing: 608894.64 ft Latitude: 32 40 24.719 N
From: Map Easting: 633835.04 ft Longitude: 104 1 57.825 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3375.00 ft Grid Convergence: 0.16 deg

Well: Peridot 13 State #5H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 608894.64 ft Latitude: 32 40 24.719 N
+E/-W 0.00 ft Easting: 633835.04 ft Longitude: 104 1 57.825 W
Position Uncertainty: 0.00 ft

Wellpath: 1
Current Datum: SITE Height 3394.00 ft
Magnetic Data: 5/15/2013
Field Strength: 48678 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.00 0.00 0.00 187.65

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	187.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6602.04	0.00	187.65	6602.04	0.00	0.00	0.00	0.00	0.00	0.00	
7500.28	89.82	187.65	7175.00	-566.12	-76.02	10.00	10.00	0.00	187.65	
14021.78	89.82	187.65	7195.00	-7029.57	-943.93	0.00	0.00	0.00	0.00	PBHL

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
6602.04	0.00	187.65	6602.04	0.00	0.00	0.00	0.00	608894.64	633835.04	KOP
6650.00	4.80	187.65	6649.94	-1.99	-0.27	2.01	10.00	608892.65	633834.77	
6700.00	9.80	187.65	6699.52	-8.28	-1.11	8.35	10.00	608886.36	633833.93	
6750.00	14.80	187.65	6748.36	-18.83	-2.53	19.00	10.00	608875.81	633832.51	
6800.00	19.80	187.65	6796.08	-33.56	-4.51	33.86	10.00	608861.08	633830.53	
6850.00	24.80	187.65	6842.33	-52.35	-7.03	52.82	10.00	608842.29	633828.01	
6900.00	29.80	187.65	6886.75	-75.07	-10.08	75.74	10.00	608819.57	633824.96	
6950.00	34.80	187.65	6929.00	-101.54	-13.63	102.45	10.00	608793.10	633821.41	
7000.00	39.80	187.65	6968.77	-131.56	-17.67	132.74	10.00	608763.08	633817.37	
7050.00	44.80	187.65	7005.74	-164.90	-22.14	166.38	10.00	608729.74	633812.90	
7100.00	49.80	187.65	7039.64	-201.30	-27.03	203.11	10.00	608693.34	633808.01	
7150.00	54.80	187.65	7070.21	-240.50	-32.29	242.65	10.00	608654.14	633802.75	
7200.00	59.80	187.65	7097.21	-282.18	-37.89	284.71	10.00	608612.46	633797.15	
7250.00	64.80	187.65	7120.45	-326.04	-43.78	328.97	10.00	608568.60	633791.26	
7300.00	69.80	187.65	7139.74	-371.74	-49.92	375.08	10.00	608522.90	633785.12	
7350.00	74.80	187.65	7154.94	-418.94	-56.25	422.70	10.00	608475.70	633778.79	
7400.00	79.80	187.65	7165.94	-467.26	-62.74	471.46	10.00	608427.38	633772.30	



Weatherford

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Peridot 13 State #5H
Well: Peridot 13 State #5H
Wellpath: 1

Date: 7/18/2012 Time: 10:10:08 Page: 2
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0
Section (VS) Reference: Well (0.00N,0.00E,187.65Azi)
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
7450.00	84.80	187.65	7172.64	-516.35	-69.34	520.99	10.00	608378.29	633765.70	
7500.28	89.82	187.65	7175.00	-566.12	-76.02	571.20	10.00	608328.52	633759.02	LP
7600.00	89.82	187.65	7175.30	-664.95	-89.29	670.92	0.00	608229.69	633745.75	
7700.00	89.82	187.65	7175.61	-764.06	-102.60	770.92	0.00	608130.58	633732.44	
7800.00	89.82	187.65	7175.91	-863.17	-115.91	870.92	0.00	608031.47	633719.13	
7900.00	89.82	187.65	7176.22	-962.28	-129.21	970.92	0.00	607932.36	633705.83	
8000.00	89.82	187.65	7176.53	-1061.39	-142.52	1070.92	0.00	607833.25	633692.52	
8100.00	89.82	187.65	7176.83	-1160.50	-155.83	1170.91	0.00	607734.14	633679.21	
8200.00	89.82	187.65	7177.14	-1259.61	-169.14	1270.91	0.00	607635.03	633665.90	
8300.00	89.82	187.65	7177.45	-1358.72	-182.45	1370.91	0.00	607535.92	633652.59	
8400.00	89.82	187.65	7177.76	-1457.83	-195.76	1470.91	0.00	607436.81	633639.28	
8500.00	89.82	187.65	7178.06	-1556.94	-209.07	1570.91	0.00	607337.70	633625.97	
8600.00	89.82	187.65	7178.37	-1656.05	-222.37	1670.91	0.00	607238.59	633612.67	
8700.00	89.82	187.65	7178.68	-1755.16	-235.68	1770.91	0.00	607139.48	633599.36	
8800.00	89.82	187.65	7178.98	-1854.27	-248.99	1870.91	0.00	607040.37	633586.05	
8900.00	89.82	187.65	7179.29	-1953.38	-262.30	1970.91	0.00	606941.26	633572.74	
9000.00	89.82	187.65	7179.60	-2052.49	-275.61	2070.91	0.00	606842.15	633559.43	
9100.00	89.82	187.65	7179.90	-2151.60	-288.92	2170.91	0.00	606743.04	633546.12	
9200.00	89.82	187.65	7180.21	-2250.71	-302.23	2270.91	0.00	606643.93	633532.81	
9300.00	89.82	187.65	7180.52	-2349.82	-315.53	2370.91	0.00	606544.82	633519.51	
9400.00	89.82	187.65	7180.82	-2448.93	-328.84	2470.91	0.00	606445.71	633506.20	
9500.00	89.82	187.65	7181.13	-2548.04	-342.15	2570.91	0.00	606346.60	633492.89	
9600.00	89.82	187.65	7181.44	-2647.15	-355.46	2670.91	0.00	606247.49	633479.58	
9700.00	89.82	187.65	7181.74	-2746.26	-368.77	2770.91	0.00	606148.38	633466.27	
9800.00	89.82	187.65	7182.05	-2845.37	-382.08	2870.91	0.00	606049.27	633452.96	
9900.00	89.82	187.65	7182.36	-2944.48	-395.38	2970.91	0.00	605950.16	633439.66	
10000.00	89.82	187.65	7182.66	-3043.59	-408.69	3070.91	0.00	605851.05	633426.35	
10100.00	89.82	187.65	7182.97	-3142.70	-422.00	3170.91	0.00	605751.94	633413.04	
10200.00	89.82	187.65	7183.28	-3241.81	-435.31	3270.91	0.00	605652.83	633399.73	
10300.00	89.82	187.65	7183.58	-3340.92	-448.62	3370.90	0.00	605553.72	633386.42	
10400.00	89.82	187.65	7183.89	-3440.03	-461.93	3470.90	0.00	605454.61	633373.11	
10500.00	89.82	187.65	7184.20	-3539.14	-475.24	3570.90	0.00	605355.50	633359.80	
10600.00	89.82	187.65	7184.50	-3638.25	-488.54	3670.90	0.00	605256.39	633346.50	
10700.00	89.82	187.65	7184.81	-3737.36	-501.85	3770.90	0.00	605157.28	633333.19	
10800.00	89.82	187.65	7185.12	-3836.47	-515.16	3870.90	0.00	605058.17	633319.88	
10900.00	89.82	187.65	7185.42	-3935.58	-528.47	3970.90	0.00	604959.06	633306.57	
11000.00	89.82	187.65	7185.73	-4034.69	-541.78	4070.90	0.00	604859.95	633293.26	
11100.00	89.82	187.65	7186.04	-4133.80	-555.09	4170.90	0.00	604760.84	633279.95	
11200.00	89.82	187.65	7186.34	-4232.91	-568.39	4270.90	0.00	604661.73	633266.65	
11300.00	89.82	187.65	7186.65	-4332.02	-581.70	4370.90	0.00	604562.62	633253.34	
11400.00	89.82	187.65	7186.96	-4431.13	-595.01	4470.90	0.00	604463.51	633240.03	
11500.00	89.82	187.65	7187.26	-4530.24	-608.32	4570.90	0.00	604364.40	633226.72	
11600.00	89.82	187.65	7187.57	-4629.35	-621.63	4670.90	0.00	604265.29	633213.41	
11700.00	89.82	187.65	7187.88	-4728.46	-634.94	4770.90	0.00	604166.18	633200.10	
11800.00	89.82	187.65	7188.18	-4827.57	-648.25	4870.90	0.00	604067.07	633186.79	
11900.00	89.82	187.65	7188.49	-4926.68	-661.55	4970.90	0.00	603967.96	633173.49	
12000.00	89.82	187.65	7188.80	-5025.79	-674.86	5070.90	0.00	603868.85	633160.18	
12100.00	89.82	187.65	7189.10	-5124.90	-688.17	5170.90	0.00	603769.74	633146.87	
12200.00	89.82	187.65	7189.41	-5224.01	-701.48	5270.90	0.00	603670.63	633133.56	
12300.00	89.82	187.65	7189.72	-5323.12	-714.79	5370.90	0.00	603571.52	633120.25	
12400.00	89.82	187.65	7190.03	-5422.23	-728.10	5470.89	0.00	603472.41	633106.94	
12500.00	89.82	187.65	7190.33	-5521.34	-741.40	5570.89	0.00	603373.30	633093.64	
12600.00	89.82	187.65	7190.64	-5620.45	-754.71	5670.89	0.00	603274.19	633080.33	



Weatherford

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Peridot 13 State #5H
Well: Peridot 13 State #5H
Wellpath: 1

Date: 7/18/2012 Time: 10:10:08 Page: 3
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0
Section (VS) Reference: Well (0.00N,0.00E,187.65Azi)
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	89.82	187.65	7190.95	-5719.56	-768.02	5770.89	0.00	603175.08	633067.02	
12800.00	89.82	187.65	7191.25	-5818.67	-781.33	5870.89	0.00	603075.97	633053.71	
12900.00	89.82	187.65	7191.56	-5917.78	-794.64	5970.89	0.00	602976.86	633040.40	
13000.00	89.82	187.65	7191.87	-6016.89	-807.95	6070.89	0.00	602877.75	633027.09	
13100.00	89.82	187.65	7192.17	-6116.00	-821.26	6170.89	0.00	602778.64	633013.78	
13200.00	89.82	187.65	7192.48	-6215.11	-834.56	6270.89	0.00	602679.53	633000.48	
13300.00	89.82	187.65	7192.79	-6314.22	-847.87	6370.89	0.00	602580.42	632987.17	
13400.00	89.82	187.65	7193.09	-6413.33	-861.18	6470.89	0.00	602481.31	632973.86	
13500.00	89.82	187.65	7193.40	-6512.44	-874.49	6570.89	0.00	602382.20	632960.55	
13600.00	89.82	187.65	7193.71	-6611.55	-887.80	6670.89	0.00	602283.09	632947.24	
13700.00	89.82	187.65	7194.01	-6710.66	-901.11	6770.89	0.00	602183.98	632933.93	
13800.00	89.82	187.65	7194.32	-6809.77	-914.42	6870.89	0.00	602084.87	632920.62	
13900.00	89.82	187.65	7194.63	-6908.88	-927.72	6970.89	0.00	601985.76	632907.32	
14000.00	89.82	187.65	7194.93	-7007.99	-941.03	7070.89	0.00	601886.65	632894.01	
14021.78	89.82	187.65	7195.00	-7029.57	-943.93	7092.66	0.00	601865.07	632891.11	PBHL

Targets

Name	Description Dip.	TVD Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
PBHL -Rectangle (6521x50)	0.18	187.65	7195.00	-7029.57	-943.93	601865.07	632891.11	32 39 15.186 N	104 2 9.099 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
6602.04	6602.04	KOP
7500.28	7175.00	LP
14021.77	7195.00	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle Dip Direction



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 1
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria
Interpolation Method MD Interval: 100.00 ft
Depth Range: 0.00 to 14976.75 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: 7/18/2012

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
Peridot 13 State #1H	Peridot 13 State #1H Lateral V0	Plan: Plan #1	6600.00	6607.00	181.42	152.00	6.17	
Peridot 13 State #1H	Peridot 13 State #1H Pilot V0	Plan: Plan #1	6600.00	6607.00	181.42	152.00	6.17	
Peridot 13 State #2H	Peridot 13 State #2H 1 V0	Plan: Plan #1 V1	14000.00	14970.66	1887.54	1654.00	8.08	
Peridot 13 State #6H	Peridot 13 State #6H 1 V0	Plan: Plan #1 V1	6700.00	6701.45	176.71	146.85	5.92	

Site: Peridot 13 State #1H

Well: Peridot 13 State #1H

Wellpath: Lateral 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	7.00	7.00	0.00	0.01	15.82	174.54	49.47	181.42	181.41	28470.17	
100.00	100.00	107.00	107.00	0.09	0.11	15.82	174.54	49.47	181.42	181.22	917.19	
200.00	200.00	207.00	207.00	0.32	0.33	15.82	174.54	49.47	181.42	180.77	280.25	
300.00	300.00	307.00	307.00	0.54	0.56	15.82	174.54	49.47	181.42	180.32	165.40	
400.00	400.00	407.00	407.00	0.77	0.78	15.82	174.54	49.47	181.42	179.87	117.32	
500.00	500.00	507.00	507.00	0.99	1.01	15.82	174.54	49.47	181.42	179.42	90.89	
600.00	600.00	607.00	607.00	1.21	1.23	15.82	174.54	49.47	181.42	178.97	74.18	
700.00	700.00	707.00	707.00	1.44	1.46	15.82	174.54	49.47	181.42	178.52	62.67	
800.00	800.00	807.00	807.00	1.66	1.68	15.82	174.54	49.47	181.42	178.07	54.24	
900.00	900.00	907.00	907.00	1.89	1.90	15.82	174.54	49.47	181.42	177.62	47.82	
1000.00	1000.00	1007.00	1007.00	2.11	2.13	15.82	174.54	49.47	181.42	177.17	42.75	
1100.00	1100.00	1107.00	1107.00	2.34	2.35	15.82	174.54	49.47	181.42	176.72	38.66	
1200.00	1200.00	1207.00	1207.00	2.56	2.58	15.82	174.54	49.47	181.42	176.27	35.28	
1300.00	1300.00	1307.00	1307.00	2.79	2.80	15.82	174.54	49.47	181.42	175.82	32.44	
1400.00	1400.00	1407.00	1407.00	3.01	3.03	15.82	174.54	49.47	181.42	175.37	30.03	
1500.00	1500.00	1507.00	1507.00	3.24	3.25	15.82	174.54	49.47	181.42	174.92	27.95	
1600.00	1600.00	1607.00	1607.00	3.46	3.48	15.82	174.54	49.47	181.42	174.47	26.14	
1700.00	1700.00	1707.00	1707.00	3.69	3.70	15.82	174.54	49.47	181.42	174.02	24.55	
1800.00	1800.00	1807.00	1807.00	3.91	3.93	15.82	174.54	49.47	181.42	173.58	23.14	
1900.00	1900.00	1907.00	1907.00	4.14	4.15	15.82	174.54	49.47	181.42	173.13	21.89	
2000.00	2000.00	2007.00	2007.00	4.36	4.38	15.82	174.54	49.47	181.42	172.68	20.76	
2100.00	2100.00	2107.00	2107.00	4.59	4.60	15.82	174.54	49.47	181.42	172.23	19.74	
2200.00	2200.00	2207.00	2207.00	4.81	4.83	15.82	174.54	49.47	181.42	171.78	18.82	
2300.00	2300.00	2307.00	2307.00	5.04	5.05	15.82	174.54	49.47	181.42	171.33	17.98	
2400.00	2400.00	2407.00	2407.00	5.26	5.28	15.82	174.54	49.47	181.42	170.88	17.22	
2500.00	2500.00	2507.00	2507.00	5.49	5.50	15.82	174.54	49.47	181.42	170.43	16.51	
2600.00	2600.00	2607.00	2607.00	5.71	5.73	15.82	174.54	49.47	181.42	169.98	15.86	
2700.00	2700.00	2707.00	2707.00	5.93	5.95	15.82	174.54	49.47	181.42	169.53	15.26	
2800.00	2800.00	2807.00	2807.00	6.16	6.18	15.82	174.54	49.47	181.42	169.08	14.71	
2900.00	2900.00	2907.00	2907.00	6.38	6.40	15.82	174.54	49.47	181.42	168.63	14.19	
3000.00	3000.00	3007.00	3007.00	6.61	6.62	15.82	174.54	49.47	181.42	168.18	13.71	
3100.00	3100.00	3107.00	3107.00	6.83	6.85	15.82	174.54	49.47	181.42	167.73	13.26	
3200.00	3200.00	3207.00	3207.00	7.06	7.07	15.82	174.54	49.47	181.42	167.28	12.84	
3300.00	3300.00	3307.00	3307.00	7.28	7.30	15.82	174.54	49.47	181.42	166.83	12.44	
3400.00	3400.00	3407.00	3407.00	7.51	7.52	15.82	174.54	49.47	181.42	166.38	12.07	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 2
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #1H
Well: Peridot 13 State #1H
Wellpath: Lateral 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		
3500.00	3500.00	3507.00	3507.00	7.73	7.75	15.82	174.54	49.47	181.42	165.93	11.72	
3600.00	3600.00	3607.00	3607.00	7.96	7.97	15.82	174.54	49.47	181.42	165.48	11.39	
3700.00	3700.00	3707.00	3707.00	8.18	8.20	15.82	174.54	49.47	181.42	165.03	11.07	
3800.00	3800.00	3807.00	3807.00	8.41	8.42	15.82	174.54	49.47	181.42	164.58	10.78	
3900.00	3900.00	3907.00	3907.00	8.63	8.65	15.82	174.54	49.47	181.42	164.14	10.50	
4000.00	4000.00	4007.00	4007.00	8.86	8.87	15.82	174.54	49.47	181.42	163.69	10.23	
4100.00	4100.00	4107.00	4107.00	9.08	9.10	15.82	174.54	49.47	181.42	163.24	9.98	
4200.00	4200.00	4207.00	4207.00	9.31	9.32	15.82	174.54	49.47	181.42	162.79	9.74	
4300.00	4300.00	4307.00	4307.00	9.53	9.55	15.82	174.54	49.47	181.42	162.34	9.51	
4400.00	4400.00	4407.00	4407.00	9.76	9.77	15.82	174.54	49.47	181.42	161.89	9.29	
4500.00	4500.00	4507.00	4507.00	9.98	10.00	15.82	174.54	49.47	181.42	161.44	9.08	
4600.00	4600.00	4607.00	4607.00	10.21	10.22	15.82	174.54	49.47	181.42	160.99	8.88	
4700.00	4700.00	4707.00	4707.00	10.43	10.45	15.82	174.54	49.47	181.42	160.54	8.69	
4800.00	4800.00	4807.00	4807.00	10.66	10.67	15.82	174.54	49.47	181.42	160.09	8.51	
4900.00	4900.00	4907.00	4907.00	10.88	10.90	15.82	174.54	49.47	181.42	159.64	8.33	
5000.00	5000.00	5007.00	5007.00	11.10	11.12	15.82	174.54	49.47	181.42	159.19	8.16	
5100.00	5100.00	5107.00	5107.00	11.33	11.35	15.82	174.54	49.47	181.42	158.74	8.00	
5200.00	5200.00	5207.00	5207.00	11.55	11.57	15.82	174.54	49.47	181.42	158.29	7.85	
5300.00	5300.00	5307.00	5307.00	11.78	11.79	15.82	174.54	49.47	181.42	157.84	7.70	
5400.00	5400.00	5407.00	5407.00	12.00	12.02	15.82	174.54	49.47	181.42	157.39	7.55	
5500.00	5500.00	5507.00	5507.00	12.23	12.24	15.82	174.54	49.47	181.42	156.94	7.41	
5600.00	5600.00	5607.00	5607.00	12.45	12.47	15.82	174.54	49.47	181.42	156.49	7.28	
5700.00	5700.00	5707.00	5707.00	12.68	12.69	15.82	174.54	49.47	181.42	156.04	7.15	
5800.00	5800.00	5807.00	5807.00	12.90	12.92	15.82	174.54	49.47	181.42	155.59	7.03	
5900.00	5900.00	5907.00	5907.00	13.13	13.14	15.82	174.54	49.47	181.42	155.14	6.91	
6000.00	6000.00	6007.00	6007.00	13.35	13.37	15.82	174.54	49.47	181.42	154.70	6.79	
6100.00	6100.00	6107.00	6107.00	13.58	13.59	15.82	174.54	49.47	181.42	154.25	6.68	
6200.00	6200.00	6207.00	6207.00	13.80	13.82	15.82	174.54	49.47	181.42	153.80	6.57	
6300.00	6300.00	6307.00	6307.00	14.03	14.04	15.82	174.54	49.47	181.42	153.35	6.46	
6400.00	6400.00	6407.00	6407.00	14.25	14.27	15.82	174.54	49.47	181.42	152.90	6.36	
6500.00	6500.00	6507.00	6507.00	14.48	14.49	15.82	174.54	49.47	181.42	152.45	6.26	
6600.00	6600.00	6607.00	6607.00	14.70	14.72	15.82	174.54	49.47	181.42	152.00	6.17	
6700.00	6699.52	6706.52	6706.52	14.93	14.94	187.93	174.54	49.47	189.69	159.99	6.39	
6800.00	6796.08	6803.08	6803.08	15.17	15.16	187.32	174.54	49.47	214.98	185.36	7.26	
6900.00	6886.75	6893.75	6893.75	15.45	15.36	186.64	174.54	49.47	256.62	227.41	8.79	
7000.00	6968.77	6975.77	6975.77	15.78	15.55	186.14	174.54	49.47	313.37	284.89	11.00	
7100.00	7039.64	7046.64	7046.64	16.22	15.70	185.96	174.54	49.47	383.55	356.01	13.93	
7200.00	7097.21	7104.21	7104.21	16.78	15.83	186.30	174.54	49.47	465.00	438.52	17.56	
7300.00	7139.74	7146.74	7146.74	17.48	15.93	187.67	174.54	49.47	555.25	529.70	21.73	
7400.00	7165.94	7172.94	7172.94	18.32	15.99	192.61	174.54	49.47	651.54	626.26	25.78	
7500.00	7174.99	7181.99	7181.99	19.29	16.01	264.09	174.54	49.47	750.93	715.72	21.33	
7600.00	7175.30	7182.30	7182.30	20.35	16.01	264.23	174.54	49.47	850.88	814.60	23.45	
7700.00	7175.61	8837.48	8128.86	21.52	25.40	181.36	-769.92	-80.77	946.53	926.17	46.49	
7800.00	7175.91	8937.48	8128.57	22.77	26.69	181.34	-868.98	-94.42	945.91	924.73	44.66	
7900.00	7176.22	9037.48	8128.27	24.10	28.05	181.32	-968.04	-108.08	945.30	923.23	42.84	
8000.00	7176.53	9137.48	8127.97	25.48	29.45	181.30	-1067.10	-121.74	944.69	921.67	41.05	
8100.00	7176.83	9237.47	8127.67	26.91	30.89	181.27	-1166.16	-135.40	944.07	920.06	39.31	
8200.00	7177.14	9337.47	8127.37	28.39	32.38	181.25	-1265.22	-149.06	943.46	918.40	37.65	
8300.00	7177.45	9437.47	8127.07	29.90	33.89	181.23	-1364.28	-162.72	942.85	916.70	36.06	
8400.00	7177.76	9537.47	8126.77	31.45	35.43	181.21	-1463.34	-176.38	942.24	914.96	34.55	
8500.00	7178.06	9637.46	8126.48	33.02	37.00	181.19	-1562.40	-190.04	941.62	913.20	33.13	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012

Time: 08:58:44

Page: 3

Co-ordinate(N/E) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #1H
Well: Peridot 13 State #1H
Wellpath: Lateral 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		
8600.00	7178.37	9737.46	8126.18	34.61	38.58	181.17	-1661.46	-203.70	941.01	911.40	31.78	
8700.00	7178.68	9837.46	8125.88	36.23	40.19	181.15	-1760.52	-217.36	940.40	909.58	30.52	
8800.00	7178.98	9937.46	8125.58	37.86	41.81	181.13	-1859.58	-231.02	939.79	907.74	29.33	
8900.00	7179.29	10037.45	8125.28	39.51	43.45	181.11	-1958.64	-244.68	939.17	905.88	28.21	
9000.00	7179.60	10137.45	8124.98	41.17	45.10	181.09	-2057.70	-258.34	938.56	904.01	27.16	
9100.00	7179.90	10237.45	8124.69	42.84	46.76	181.07	-2156.76	-272.00	937.95	902.12	26.18	
9200.00	7180.21	10337.45	8124.39	44.53	48.44	181.05	-2255.82	-285.66	937.34	900.21	25.25	
9300.00	7180.52	10437.44	8124.09	46.22	50.12	181.02	-2354.88	-299.32	936.73	898.29	24.37	
9400.00	7180.82	10537.44	8123.79	47.92	51.81	181.00	-2453.94	-312.98	936.11	896.37	23.55	
9500.00	7181.13	10637.44	8123.49	49.63	53.51	180.98	-2553.00	-326.64	935.50	894.43	22.77	
9600.00	7181.44	10737.44	8123.19	51.35	55.21	180.96	-2652.06	-340.30	934.89	892.48	22.04	
9700.00	7181.74	10837.43	8122.89	53.07	56.92	180.94	-2751.12	-353.96	934.28	890.52	21.35	
9800.00	7182.05	10937.43	8122.60	54.80	58.64	180.92	-2850.18	-367.62	933.67	888.56	20.70	
9900.00	7182.36	11037.43	8122.30	56.54	60.37	180.90	-2949.24	-381.28	933.06	886.59	20.08	
10000.00	7182.66	11137.43	8122.00	58.27	62.09	180.88	-3048.30	-394.94	932.45	884.62	19.49	
10100.00	7182.97	11237.42	8121.70	60.02	63.83	180.85	-3147.36	-408.60	931.84	882.63	18.94	
10200.00	7183.28	11337.42	8121.40	61.76	65.56	180.83	-3246.41	-422.26	931.23	880.65	18.41	
10300.00	7183.58	11437.42	8121.10	63.51	67.30	180.81	-3345.47	-435.92	930.62	878.66	17.91	
10400.00	7183.89	11537.42	8120.80	65.27	69.05	180.79	-3444.53	-449.58	930.01	876.66	17.43	
10500.00	7184.20	11637.41	8120.51	67.02	70.80	180.77	-3543.59	-463.24	929.40	874.66	16.98	
10600.00	7184.50	11737.41	8120.21	68.78	72.55	180.75	-3642.65	-476.90	928.79	872.66	16.55	
10700.00	7184.81	11837.41	8119.91	70.54	74.30	180.73	-3741.71	-490.56	928.18	870.65	16.14	
10800.00	7185.12	11937.41	8119.61	72.31	76.06	180.71	-3840.77	-504.22	927.57	868.64	15.74	
10900.00	7185.42	12037.40	8119.31	74.07	77.81	180.68	-3939.83	-517.88	926.96	866.63	15.37	
11000.00	7185.73	12137.40	8119.01	75.84	79.57	180.66	-4038.89	-531.54	926.35	864.61	15.01	
11100.00	7186.04	12237.40	8118.71	77.61	81.34	180.64	-4137.95	-545.19	925.74	862.60	14.66	
11200.00	7186.34	12337.40	8118.42	79.38	83.10	180.62	-4237.01	-558.85	925.13	860.57	14.33	
11300.00	7186.65	12437.39	8118.12	81.16	84.87	180.60	-4336.07	-572.51	924.52	858.55	14.01	
11400.00	7186.96	12537.39	8117.82	82.93	86.64	180.58	-4435.13	-586.17	923.91	856.53	13.71	
11500.00	7187.26	12637.39	8117.52	84.71	88.41	180.55	-4534.19	-599.83	923.30	854.50	13.42	
11600.00	7187.57	12737.39	8117.22	86.49	90.18	180.53	-4633.25	-613.49	922.69	852.47	13.14	
11700.00	7187.88	12837.38	8116.92	88.27	91.95	180.51	-4732.31	-627.15	922.09	850.44	12.87	
11800.00	7188.18	12937.38	8116.62	90.05	93.73	180.49	-4831.37	-640.81	921.48	848.41	12.61	
11900.00	7188.49	13037.38	8116.33	91.83	95.50	180.47	-4930.43	-654.47	920.87	846.38	12.36	
12000.00	7188.80	13137.38	8116.03	93.61	97.28	180.45	-5029.49	-668.13	920.26	844.34	12.12	
12100.00	7189.10	13237.37	8115.73	95.39	99.06	180.42	-5128.55	-681.79	919.65	842.30	11.89	
12200.00	7189.41	13337.37	8115.43	97.18	100.84	180.40	-5227.61	-695.45	919.05	840.27	11.67	
12300.00	7189.72	13437.37	8115.13	98.97	102.62	180.38	-5326.67	-709.11	918.44	838.23	11.45	
12400.00	7190.03	13537.37	8114.83	100.75	104.40	180.36	-5425.73	-722.77	917.83	836.19	11.24	
12500.00	7190.33	13637.36	8114.53	102.54	106.18	180.34	-5524.79	-736.43	917.22	834.15	11.04	
12600.00	7190.64	13737.36	8114.24	104.33	107.96	180.31	-5623.85	-750.09	916.62	832.11	10.85	
12700.00	7190.95	13837.36	8113.94	106.12	109.75	180.29	-5722.91	-763.75	916.01	830.06	10.66	
12800.00	7191.25	13937.36	8113.64	107.91	111.53	180.27	-5821.97	-777.41	915.40	828.02	10.48	
12900.00	7191.56	14037.35	8113.34	109.70	113.32	180.25	-5921.03	-791.07	914.79	825.97	10.30	
13000.00	7191.87	14137.35	8113.04	111.49	115.10	180.23	-6020.09	-804.73	914.19	823.93	10.13	
13100.00	7192.17	14237.35	8112.74	113.28	116.89	180.20	-6119.15	-818.39	913.58	821.88	9.96	
13200.00	7192.48	14337.35	8112.45	115.07	118.68	180.18	-6218.21	-832.05	912.97	819.84	9.80	
13300.00	7192.79	14437.34	8112.15	116.86	120.47	180.16	-6317.27	-845.71	912.37	817.79	9.65	
13400.00	7193.09	14537.34	8111.85	118.66	122.26	180.14	-6416.33	-859.37	911.76	815.74	9.50	
13500.00	7193.40	14637.34	8111.55	120.45	124.05	180.12	-6515.39	-873.03	911.16	813.69	9.35	
13600.00	7193.71	14737.34	8111.25	122.24	125.84	180.09	-6614.45	-886.69	910.55	811.64	9.21	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 4
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #1H
Well: Peridot 13 State #1H
Wellpath: Lateral 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 Distance ft	Separation Distance ft	Factor	Warning
		MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
13700.00	7194.01	14837.33	8110.95	124.04	127.63	180.07	-6713.51	-900.35	909.94	809.59	9.07	
13800.00	7194.32	14937.33	8110.65	125.83	129.42	180.05	-6812.57	-914.01	909.34	807.54	8.93	
13900.00	7194.63	15037.33	8110.36	127.63	131.21	180.03	-6911.63	-927.67	908.73	805.49	8.80	
14000.00	7194.93	15137.33	8110.06	129.42	133.00	180.00	-7010.68	-941.33	908.13	803.44	8.67	

Site: Peridot 13 State #1H
Well: Peridot 13 State #1H
Wellpath: Pilot 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 Distance ft	Separation Distance ft	Factor	Warning
		MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
0.00	0.00	7.00	7.00	0.00	0.01	15.82	174.54	49.47	181.42	181.41	28470.17	
100.00	100.00	107.00	107.00	0.09	0.11	15.82	174.54	49.47	181.42	181.22	917.19	
200.00	200.00	207.00	207.00	0.32	0.33	15.82	174.54	49.47	181.42	180.77	280.25	
300.00	300.00	307.00	307.00	0.54	0.56	15.82	174.54	49.47	181.42	180.32	165.40	
400.00	400.00	407.00	407.00	0.77	0.78	15.82	174.54	49.47	181.42	179.87	117.32	
500.00	500.00	507.00	507.00	0.99	1.01	15.82	174.54	49.47	181.42	179.42	90.89	
600.00	600.00	607.00	607.00	1.21	1.23	15.82	174.54	49.47	181.42	178.97	74.18	
700.00	700.00	707.00	707.00	1.44	1.46	15.82	174.54	49.47	181.42	178.52	62.67	
800.00	800.00	807.00	807.00	1.66	1.68	15.82	174.54	49.47	181.42	178.07	54.24	
900.00	900.00	907.00	907.00	1.89	1.90	15.82	174.54	49.47	181.42	177.62	47.82	
1000.00	1000.00	1007.00	1007.00	2.11	2.13	15.82	174.54	49.47	181.42	177.17	42.75	
1100.00	1100.00	1107.00	1107.00	2.34	2.35	15.82	174.54	49.47	181.42	176.72	38.66	
1200.00	1200.00	1207.00	1207.00	2.56	2.58	15.82	174.54	49.47	181.42	176.27	35.28	
1300.00	1300.00	1307.00	1307.00	2.79	2.80	15.82	174.54	49.47	181.42	175.82	32.44	
1400.00	1400.00	1407.00	1407.00	3.01	3.03	15.82	174.54	49.47	181.42	175.37	30.03	
1500.00	1500.00	1507.00	1507.00	3.24	3.25	15.82	174.54	49.47	181.42	174.92	27.95	
1600.00	1600.00	1607.00	1607.00	3.46	3.48	15.82	174.54	49.47	181.42	174.47	26.14	
1700.00	1700.00	1707.00	1707.00	3.69	3.70	15.82	174.54	49.47	181.42	174.02	24.55	
1800.00	1800.00	1807.00	1807.00	3.91	3.93	15.82	174.54	49.47	181.42	173.58	23.14	
1900.00	1900.00	1907.00	1907.00	4.14	4.15	15.82	174.54	49.47	181.42	173.13	21.89	
2000.00	2000.00	2007.00	2007.00	4.36	4.38	15.82	174.54	49.47	181.42	172.68	20.76	
2100.00	2100.00	2107.00	2107.00	4.59	4.60	15.82	174.54	49.47	181.42	172.23	19.74	
2200.00	2200.00	2207.00	2207.00	4.81	4.83	15.82	174.54	49.47	181.42	171.78	18.82	
2300.00	2300.00	2307.00	2307.00	5.04	5.05	15.82	174.54	49.47	181.42	171.33	17.98	
2400.00	2400.00	2407.00	2407.00	5.26	5.28	15.82	174.54	49.47	181.42	170.88	17.22	
2500.00	2500.00	2507.00	2507.00	5.49	5.50	15.82	174.54	49.47	181.42	170.43	16.51	
2600.00	2600.00	2607.00	2607.00	5.71	5.73	15.82	174.54	49.47	181.42	169.98	15.86	
2700.00	2700.00	2707.00	2707.00	5.93	5.95	15.82	174.54	49.47	181.42	169.53	15.26	
2800.00	2800.00	2807.00	2807.00	6.16	6.18	15.82	174.54	49.47	181.42	169.08	14.71	
2900.00	2900.00	2907.00	2907.00	6.38	6.40	15.82	174.54	49.47	181.42	168.63	14.19	
3000.00	3000.00	3007.00	3007.00	6.61	6.62	15.82	174.54	49.47	181.42	168.18	13.71	
3100.00	3100.00	3107.00	3107.00	6.83	6.85	15.82	174.54	49.47	181.42	167.73	13.26	
3200.00	3200.00	3207.00	3207.00	7.06	7.07	15.82	174.54	49.47	181.42	167.28	12.84	
3300.00	3300.00	3307.00	3307.00	7.28	7.30	15.82	174.54	49.47	181.42	166.83	12.44	
3400.00	3400.00	3407.00	3407.00	7.51	7.52	15.82	174.54	49.47	181.42	166.38	12.07	
3500.00	3500.00	3507.00	3507.00	7.73	7.75	15.82	174.54	49.47	181.42	165.93	11.72	
3600.00	3600.00	3607.00	3607.00	7.96	7.97	15.82	174.54	49.47	181.42	165.48	11.39	
3700.00	3700.00	3707.00	3707.00	8.18	8.20	15.82	174.54	49.47	181.42	165.03	11.07	
3800.00	3800.00	3807.00	3807.00	8.41	8.42	15.82	174.54	49.47	181.42	164.58	10.78	
3900.00	3900.00	3907.00	3907.00	8.63	8.65	15.82	174.54	49.47	181.42	164.14	10.50	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 5
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #1H
Well: Peridot 13 State #1H
Wellpath: Pilot 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
4000.00	4000.00	4007.00	4007.00	8.86	8.87	15.82	174.54	49.47	181.42	163.69	10.23	
4100.00	4100.00	4107.00	4107.00	9.08	9.10	15.82	174.54	49.47	181.42	163.24	9.98	
4200.00	4200.00	4207.00	4207.00	9.31	9.32	15.82	174.54	49.47	181.42	162.79	9.74	
4300.00	4300.00	4307.00	4307.00	9.53	9.55	15.82	174.54	49.47	181.42	162.34	9.51	
4400.00	4400.00	4407.00	4407.00	9.76	9.77	15.82	174.54	49.47	181.42	161.89	9.29	
4500.00	4500.00	4507.00	4507.00	9.98	10.00	15.82	174.54	49.47	181.42	161.44	9.08	
4600.00	4600.00	4607.00	4607.00	10.21	10.22	15.82	174.54	49.47	181.42	160.99	8.88	
4700.00	4700.00	4707.00	4707.00	10.43	10.45	15.82	174.54	49.47	181.42	160.54	8.69	
4800.00	4800.00	4807.00	4807.00	10.66	10.67	15.82	174.54	49.47	181.42	160.09	8.51	
4900.00	4900.00	4907.00	4907.00	10.88	10.90	15.82	174.54	49.47	181.42	159.64	8.33	
5000.00	5000.00	5007.00	5007.00	11.10	11.12	15.82	174.54	49.47	181.42	159.19	8.16	
5100.00	5100.00	5107.00	5107.00	11.33	11.35	15.82	174.54	49.47	181.42	158.74	8.00	
5200.00	5200.00	5207.00	5207.00	11.55	11.57	15.82	174.54	49.47	181.42	158.29	7.85	
5300.00	5300.00	5307.00	5307.00	11.78	11.79	15.82	174.54	49.47	181.42	157.84	7.70	
5400.00	5400.00	5407.00	5407.00	12.00	12.02	15.82	174.54	49.47	181.42	157.39	7.55	
5500.00	5500.00	5507.00	5507.00	12.23	12.24	15.82	174.54	49.47	181.42	156.94	7.41	
5600.00	5600.00	5607.00	5607.00	12.45	12.47	15.82	174.54	49.47	181.42	156.49	7.28	
5700.00	5700.00	5707.00	5707.00	12.68	12.69	15.82	174.54	49.47	181.42	156.04	7.15	
5800.00	5800.00	5807.00	5807.00	12.90	12.92	15.82	174.54	49.47	181.42	155.59	7.03	
5900.00	5900.00	5907.00	5907.00	13.13	13.14	15.82	174.54	49.47	181.42	155.14	6.91	
6000.00	6000.00	6007.00	6007.00	13.35	13.37	15.82	174.54	49.47	181.42	154.70	6.79	
6100.00	6100.00	6107.00	6107.00	13.58	13.59	15.82	174.54	49.47	181.42	154.25	6.68	
6200.00	6200.00	6207.00	6207.00	13.80	13.82	15.82	174.54	49.47	181.42	153.80	6.57	
6300.00	6300.00	6307.00	6307.00	14.03	14.04	15.82	174.54	49.47	181.42	153.35	6.46	
6400.00	6400.00	6407.00	6407.00	14.25	14.27	15.82	174.54	49.47	181.42	152.90	6.36	
6500.00	6500.00	6507.00	6507.00	14.48	14.49	15.82	174.54	49.47	181.42	152.45	6.26	
6600.00	6600.00	6607.00	6607.00	14.70	14.72	15.82	174.54	49.47	181.42	152.00	6.17	
6700.00	6699.52	6706.52	6706.52	14.93	14.94	187.93	174.54	49.47	189.69	159.99	6.39	
6800.00	6796.08	6803.08	6803.08	15.17	15.16	187.32	174.54	49.47	214.98	185.36	7.26	
6900.00	6886.75	6893.75	6893.75	15.45	15.36	186.64	174.54	49.47	256.62	227.41	8.79	
7000.00	6968.77	6975.77	6975.77	15.78	15.55	186.14	174.54	49.47	313.37	284.89	11.00	
7100.00	7039.64	7046.64	7046.64	16.22	15.70	185.96	174.54	49.47	383.55	356.01	13.93	
7200.00	7097.21	7104.21	7104.21	16.78	15.83	186.30	174.54	49.47	465.00	438.52	17.56	
7300.00	7139.74	7146.74	7146.74	17.48	15.93	187.67	174.54	49.47	555.25	529.70	21.73	
7400.00	7165.94	7172.94	7172.94	18.32	15.99	192.61	174.54	49.47	651.54	626.26	25.78	
7500.00	7174.99	7181.99	7181.99	19.29	16.01	264.09	174.54	49.47	750.93	715.72	21.33	
7600.00	7175.30	7182.30	7182.30	20.35	16.01	264.23	174.54	49.47	850.88	814.60	23.45	
7700.00	7175.61	7182.61	7182.61	21.52	16.01	263.55	174.54	49.47	950.84	913.42	25.41	
7800.00	7175.91	7182.91	7182.91	22.77	16.01	262.88	174.54	49.47	1050.80	1012.17	27.20	
7900.00	7176.22	7183.22	7183.22	24.10	16.01	262.21	174.54	49.47	1150.78	1110.85	28.83	
8000.00	7176.53	7183.53	7183.53	25.48	16.01	261.54	174.54	49.47	1250.75	1209.49	30.31	
8100.00	7176.83	7183.83	7183.83	26.91	16.01	260.88	174.54	49.47	1350.73	1308.09	31.68	
8200.00	7177.14	7184.14	7184.14	28.39	16.01	260.22	174.54	49.47	1450.72	1406.66	32.93	
8300.00	7177.45	7184.45	7184.45	29.90	16.01	259.56	174.54	49.47	1550.70	1505.20	34.08	
8400.00	7177.76	7184.76	7184.76	31.45	16.02	258.90	174.54	49.47	1650.69	1603.72	35.15	
8500.00	7178.06	7185.06	7185.06	33.02	16.02	258.24	174.54	49.47	1750.67	1702.22	36.13	
8600.00	7178.37	7185.37	7185.37	34.61	16.02	257.59	174.54	49.47	1850.66	1800.72	37.05	
8700.00	7178.68	7185.68	7185.68	36.23	16.02	256.94	174.54	49.47	1950.65	1899.20	37.91	
8800.00	7178.98	7185.98	7185.98	37.86	16.02	256.30	174.54	49.47	2050.65	1997.67	38.71	
8900.00	7179.29	7186.29	7186.29	39.51	16.02	255.66	174.54	49.47	2150.64	2096.15	39.47	
9000.00	7179.60	7186.60	7186.60	41.17	16.02	255.02	174.54	49.47	2250.63	2194.62	40.18	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 6
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #1H
Well: Peridot 13 State #1H
Wellpath: Pilot 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
9100.00	7179.90	7186.90	7186.90	42.84	16.02	254.39	174.54	49.47	2350.62	2293.09	40.86	
9200.00	7180.21	7187.21	7187.21	44.53	16.02	253.76	174.54	49.47	2450.62	2391.57	41.50	
9300.00	7180.52	7187.52	7187.52	46.22	16.02	253.13	174.54	49.47	2550.61	2490.04	42.11	
9400.00	7180.82	7187.82	7187.82	47.92	16.02	252.51	174.54	49.47	2650.61	2588.53	42.70	
9500.00	7181.13	7188.13	7188.13	49.63	16.02	251.89	174.54	49.47	2750.60	2687.01	43.26	
9600.00	7181.44	7188.44	7188.44	51.35	16.02	251.28	174.54	49.47	2850.60	2785.51	43.80	
9700.00	7181.74	7188.74	7188.74	53.07	16.02	250.67	174.54	49.47	2950.59	2884.01	44.32	
9800.00	7182.05	7189.05	7189.05	54.80	16.02	250.07	174.54	49.47	3050.59	2982.52	44.82	
9900.00	7182.36	7189.36	7189.36	56.54	16.03	249.47	174.54	49.47	3150.58	3081.04	45.31	
10000.00	7182.66	7189.66	7189.66	58.27	16.03	248.87	174.54	49.47	3250.58	3179.57	45.78	
10100.00	7182.97	7189.97	7189.97	60.02	16.03	248.28	174.54	49.47	3350.58	3278.11	46.24	
10200.00	7183.28	7190.28	7190.28	61.76	16.03	247.70	174.54	49.47	3450.57	3376.66	46.69	
10300.00	7183.58	7190.58	7190.58	63.51	16.03	247.11	174.54	49.47	3550.57	3475.22	47.12	
10400.00	7183.89	7190.89	7190.89	65.27	16.03	246.54	174.54	49.47	3650.57	3573.80	47.55	
10500.00	7184.20	7191.20	7191.20	67.02	16.03	245.97	174.54	49.47	3750.56	3672.38	47.97	
10600.00	7184.50	7191.50	7191.50	68.78	16.03	245.40	174.54	49.47	3850.56	3770.98	48.39	
10700.00	7184.81	7191.81	7191.81	70.54	16.03	244.84	174.54	49.47	3950.56	3869.59	48.79	
10800.00	7185.12	7192.12	7192.12	72.31	16.03	244.29	174.54	49.47	4050.56	3968.21	49.19	
10900.00	7185.42	7192.42	7192.42	74.07	16.03	243.74	174.54	49.47	4150.55	4066.85	49.58	
11000.00	7185.73	7192.73	7192.73	75.84	16.03	243.19	174.54	49.47	4250.55	4165.49	49.97	
11100.00	7186.04	7193.04	7193.04	77.61	16.03	242.65	174.54	49.47	4350.55	4264.15	50.36	
11200.00	7186.34	7193.34	7193.34	79.38	16.03	242.12	174.54	49.47	4450.55	4362.83	50.74	
11300.00	7186.65	7193.65	7193.65	81.16	16.04	241.59	174.54	49.47	4550.54	4461.51	51.11	
11400.00	7186.96	7193.96	7193.96	82.93	16.04	241.06	174.54	49.47	4650.54	4560.21	51.48	
11500.00	7187.26	7194.26	7194.26	84.71	16.04	240.54	174.54	49.47	4750.54	4658.93	51.85	
11600.00	7187.57	7194.57	7194.57	86.49	16.04	240.03	174.54	49.47	4850.54	4757.65	52.22	
11700.00	7187.88	7194.88	7194.88	88.27	16.04	239.52	174.54	49.47	4950.54	4856.39	52.58	
11800.00	7188.18	7195.18	7195.18	90.05	16.04	239.02	174.54	49.47	5050.53	4955.14	52.95	
11900.00	7188.49	7195.49	7195.49	91.83	16.04	238.52	174.54	49.47	5150.53	5053.91	53.31	
12000.00	7188.80	7195.80	7195.80	93.61	16.04	238.03	174.54	49.47	5250.53	5152.69	53.66	
12100.00	7189.10	7196.10	7196.10	95.39	16.04	237.54	174.54	49.47	5350.53	5251.48	54.02	
12200.00	7189.41	7196.41	7196.41	97.18	16.04	237.06	174.54	49.47	5450.53	5350.28	54.37	
12300.00	7189.72	7196.72	7196.72	98.97	16.04	236.58	174.54	49.47	5550.53	5449.10	54.73	
12400.00	7190.03	7197.03	7197.03	100.75	16.04	236.11	174.54	49.47	5650.52	5547.93	55.08	
12500.00	7190.33	7197.33	7197.33	102.54	16.04	235.64	174.54	49.47	5750.52	5646.77	55.43	
12600.00	7190.64	7197.64	7197.64	104.33	16.04	235.18	174.54	49.47	5850.52	5745.63	55.78	
12700.00	7190.95	7197.95	7197.95	106.12	16.04	234.72	174.54	49.47	5950.52	5844.49	56.12	
12800.00	7191.25	7198.25	7198.25	107.91	16.05	234.27	174.54	49.47	6050.52	5943.37	56.47	
12900.00	7191.56	7198.56	7198.56	109.70	16.05	233.82	174.54	49.47	6150.52	6042.26	56.82	
13000.00	7191.87	7198.87	7198.87	111.49	16.05	233.38	174.54	49.47	6250.52	6141.17	57.16	
13100.00	7192.17	7199.17	7199.17	113.28	16.05	232.95	174.54	49.47	6350.51	6240.08	57.51	
13200.00	7192.48	7199.48	7199.48	115.07	16.05	232.52	174.54	49.47	6450.51	6339.01	57.85	
13300.00	7192.79	7199.79	7199.79	116.86	16.05	232.09	174.54	49.47	6550.51	6437.94	58.19	
13400.00	7193.09	7200.09	7200.09	118.66	16.05	231.67	174.54	49.47	6650.51	6536.89	58.53	
13500.00	7193.40	7200.40	7200.40	120.45	16.05	231.25	174.54	49.47	6750.51	6635.85	58.87	
13600.00	7193.71	7200.71	7200.71	122.24	16.05	230.84	174.54	49.47	6850.51	6734.82	59.22	
13700.00	7194.01	7201.01	7201.01	124.04	16.05	230.43	174.54	49.47	6950.51	6833.80	59.56	
13800.00	7194.32	7201.32	7201.32	125.83	16.05	230.03	174.54	49.47	7050.51	6932.79	59.90	
13900.00	7194.63	7201.63	7201.63	127.63	16.05	229.63	174.54	49.47	7150.51	7031.79	60.23	
14000.00	7194.93	7201.93	7201.93	129.42	16.05	229.24	174.54	49.47	7250.50	7130.81	60.57	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 7
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #2H
Well: Peridot 13 State #2H
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	13.00	13.00	0.00	0.01	52.26	173.64	224.32	283.67	283.66	23971.15	
100.00	100.00	113.00	113.00	0.09	0.12	52.26	173.64	224.32	283.67	283.46	1342.64	
200.00	200.00	213.00	213.00	0.32	0.35	52.26	173.64	224.32	283.67	283.01	429.28	
300.00	300.00	313.00	313.00	0.54	0.57	52.26	173.64	224.32	283.67	282.56	255.48	
400.00	400.00	413.00	413.00	0.77	0.79	52.26	173.64	224.32	283.67	282.11	181.86	
500.00	500.00	513.00	513.00	0.99	1.02	52.26	173.64	224.32	283.67	281.66	141.17	
600.00	600.00	613.00	613.00	1.21	1.24	52.26	173.64	224.32	283.67	281.21	115.36	
700.00	700.00	713.00	713.00	1.44	1.47	52.26	173.64	224.32	283.67	280.76	97.53	
800.00	800.00	813.00	813.00	1.66	1.69	52.26	173.64	224.32	283.67	280.31	84.48	
900.00	900.00	913.00	913.00	1.89	1.92	52.26	173.64	224.32	283.67	279.87	74.50	
1000.00	1000.00	1013.00	1013.00	2.11	2.14	52.26	173.64	224.32	283.67	279.42	66.64	
1100.00	1100.00	1113.00	1113.00	2.34	2.37	52.26	173.64	224.32	283.67	278.97	60.27	
1200.00	1200.00	1213.00	1213.00	2.56	2.59	52.26	173.64	224.32	283.67	278.52	55.02	
1300.00	1300.00	1313.00	1313.00	2.79	2.82	52.26	173.64	224.32	283.67	278.07	50.60	
1400.00	1400.00	1413.00	1413.00	3.01	3.04	52.26	173.64	224.32	283.67	277.62	46.85	
1500.00	1500.00	1513.00	1513.00	3.24	3.27	52.26	173.64	224.32	283.67	277.17	43.61	
1600.00	1600.00	1613.00	1613.00	3.46	3.49	52.26	173.64	224.32	283.67	276.72	40.79	
1700.00	1700.00	1713.00	1713.00	3.69	3.72	52.26	173.64	224.32	283.67	276.27	38.31	
1800.00	1800.00	1813.00	1813.00	3.91	3.94	52.26	173.64	224.32	283.67	275.82	36.12	
1900.00	1900.00	1913.00	1913.00	4.14	4.17	52.26	173.64	224.32	283.67	275.37	34.17	
2000.00	2000.00	2013.00	2013.00	4.36	4.39	52.26	173.64	224.32	283.67	274.92	32.41	
2100.00	2100.00	2113.00	2113.00	4.59	4.62	52.26	173.64	224.32	283.67	274.47	30.83	
2200.00	2200.00	2213.00	2213.00	4.81	4.84	52.26	173.64	224.32	283.67	274.02	29.39	
2300.00	2300.00	2313.00	2313.00	5.04	5.07	52.26	173.64	224.32	283.67	273.57	28.08	
2400.00	2400.00	2413.00	2413.00	5.26	5.29	52.26	173.64	224.32	283.67	273.12	26.89	
2500.00	2500.00	2513.00	2513.00	5.49	5.51	52.26	173.64	224.32	283.67	272.67	25.79	
2600.00	2600.00	2613.00	2613.00	5.71	5.74	52.26	173.64	224.32	283.67	272.22	24.78	
2700.00	2700.00	2713.00	2713.00	5.93	5.96	52.26	173.64	224.32	283.67	271.77	23.84	
2800.00	2800.00	2813.00	2813.00	6.16	6.19	52.26	173.64	224.32	283.67	271.32	22.97	
2900.00	2900.00	2913.00	2913.00	6.38	6.41	52.26	173.64	224.32	283.67	270.87	22.17	
3000.00	3000.00	3013.00	3013.00	6.61	6.64	52.26	173.64	224.32	283.67	270.43	21.41	
3100.00	3100.00	3113.00	3113.00	6.83	6.86	52.26	173.64	224.32	283.67	269.98	20.71	
3200.00	3200.00	3213.00	3213.00	7.06	7.09	52.26	173.64	224.32	283.67	269.53	20.05	
3300.00	3300.00	3313.00	3313.00	7.28	7.31	52.26	173.64	224.32	283.67	269.08	19.43	
3400.00	3400.00	3413.00	3413.00	7.51	7.54	52.26	173.64	224.32	283.67	268.63	18.85	
3500.00	3500.00	3513.00	3513.00	7.73	7.76	52.26	173.64	224.32	283.67	268.18	18.31	
3600.00	3600.00	3613.00	3613.00	7.96	7.99	52.26	173.64	224.32	283.67	267.73	17.79	
3700.00	3700.00	3713.00	3713.00	8.18	8.21	52.26	173.64	224.32	283.67	267.28	17.30	
3800.00	3800.00	3813.00	3813.00	8.41	8.44	52.26	173.64	224.32	283.67	266.83	16.84	
3900.00	3900.00	3913.00	3913.00	8.63	8.66	52.26	173.64	224.32	283.67	266.38	16.40	
4000.00	4000.00	4013.00	4013.00	8.86	8.89	52.26	173.64	224.32	283.67	265.93	15.99	
4100.00	4100.00	4113.00	4113.00	9.08	9.11	52.26	173.64	224.32	283.67	265.48	15.59	
4200.00	4200.00	4213.00	4213.00	9.31	9.34	52.26	173.64	224.32	283.67	265.03	15.22	
4300.00	4300.00	4313.00	4313.00	9.53	9.56	52.26	173.64	224.32	283.67	264.58	14.86	
4400.00	4400.00	4413.00	4413.00	9.76	9.79	52.26	173.64	224.32	283.67	264.13	14.52	
4500.00	4500.00	4513.00	4513.00	9.98	10.01	52.26	173.64	224.32	283.67	263.68	14.19	
4600.00	4600.00	4613.00	4613.00	10.21	10.23	52.26	173.64	224.32	283.67	263.23	13.88	
4700.00	4700.00	4713.00	4713.00	10.43	10.46	52.26	173.64	224.32	283.67	262.78	13.58	
4800.00	4800.00	4813.00	4813.00	10.66	10.68	52.26	173.64	224.32	283.67	262.33	13.29	
4900.00	4900.00	4913.00	4913.00	10.88	10.91	52.26	173.64	224.32	283.67	261.88	13.02	
5000.00	5000.00	5013.00	5013.00	11.10	11.13	52.26	173.64	224.32	283.67	261.43	12.76	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 8
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #2H
Well: Peridot 13 State #2H
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 Distance Factor	Warning
		MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance		
5100.00	5100.00	5113.00	5113.00	11.33	11.36	52.26	173.64	224.32	283.67	260.99	12.50	
5200.00	5200.00	5213.00	5213.00	11.55	11.58	52.26	173.64	224.32	283.67	260.54	12.26	
5300.00	5300.00	5313.00	5313.00	11.78	11.81	52.26	173.64	224.32	283.67	260.09	12.03	
5400.00	5400.00	5413.00	5413.00	12.00	12.03	52.26	173.64	224.32	283.67	259.64	11.80	
5500.00	5500.00	5513.00	5513.00	12.23	12.26	52.26	173.64	224.32	283.67	259.19	11.59	
5600.00	5600.00	5613.00	5613.00	12.45	12.48	52.26	173.64	224.32	283.67	258.74	11.38	
5700.00	5700.00	5713.00	5713.00	12.68	12.71	52.26	173.64	224.32	283.67	258.29	11.17	
5800.00	5800.00	5813.00	5813.00	12.90	12.93	52.26	173.64	224.32	283.67	257.84	10.98	
5900.00	5900.00	5913.00	5913.00	13.13	13.16	52.26	173.64	224.32	283.67	257.39	10.79	
6000.00	6000.00	6013.00	6013.00	13.35	13.38	52.26	173.64	224.32	283.67	256.94	10.61	
6100.00	6100.00	6113.00	6113.00	13.58	13.61	52.26	173.64	224.32	283.67	256.49	10.44	
6200.00	6200.00	6213.00	6213.00	13.80	13.83	52.26	173.64	224.32	283.67	256.04	10.27	
6300.00	6300.00	6313.00	6313.00	14.03	14.06	52.26	173.64	224.32	283.67	255.59	10.10	
6400.00	6400.00	6413.00	6413.00	14.25	14.28	52.26	173.64	224.32	283.67	255.14	9.94	
6500.00	6500.00	6513.00	6513.00	14.48	14.51	52.26	173.64	224.32	283.67	254.69	9.79	
6600.00	6600.00	6613.00	6613.00	14.70	14.73	52.26	173.64	224.32	283.67	254.24	9.64	
6700.00	6699.52	6712.52	6712.52	14.93	14.95	223.87	173.64	224.32	289.68	259.89	9.72	
6800.00	6796.08	6809.08	6809.08	15.17	15.17	221.92	173.64	224.32	308.69	278.75	10.31	
6900.00	6886.75	6899.75	6899.75	15.45	15.37	219.58	173.64	224.32	341.76	311.88	11.44	
7000.00	6968.77	6981.77	6981.77	15.78	15.56	217.77	173.64	224.32	389.49	359.88	13.15	
7100.00	7039.64	7052.64	7052.64	16.22	15.72	217.30	173.64	224.32	451.40	422.10	15.41	
7200.00	7097.21	7110.21	7110.21	16.78	15.85	219.13	173.64	224.32	525.86	496.63	17.99	
7300.00	7139.74	7152.74	7152.74	17.48	15.94	224.99	173.64	224.32	610.45	580.47	20.36	
7400.00	7165.94	7178.94	7178.94	18.32	16.00	239.09	173.64	224.32	702.25	669.93	21.72	
7500.00	7174.99	7187.99	7187.99	19.29	16.02	269.21	173.64	224.32	798.13	762.82	22.61	
7600.00	7175.30	7188.30	7188.30	20.35	16.02	269.23	173.64	224.32	895.31	858.94	24.61	
7700.00	7175.61	7188.61	7188.61	21.52	16.02	269.14	173.64	224.32	993.05	955.51	26.45	
7800.00	7175.91	8894.49	8130.66	22.77	26.38	203.01	-834.52	291.67	1026.56	999.21	37.54	
7900.00	7176.22	8992.49	8130.80	24.10	27.73	204.01	-932.31	298.21	1034.49	1005.34	35.49	
8000.00	7176.53	9090.50	8130.95	25.48	29.13	205.00	-1030.09	304.74	1042.74	1011.65	33.55	
8100.00	7176.83	9188.50	8131.10	26.91	30.57	205.97	-1127.88	311.27	1051.30	1018.15	31.72	
8200.00	7177.14	9286.50	8131.25	28.39	32.05	206.92	-1225.66	317.80	1060.16	1024.84	30.02	
8300.00	7177.45	9384.50	8131.39	29.90	33.57	207.86	-1323.44	324.34	1069.32	1031.72	28.44	
8400.00	7177.76	9482.51	8131.54	31.45	35.12	208.79	-1421.23	330.87	1078.77	1038.79	26.98	
8500.00	7178.06	9580.51	8131.69	33.02	36.69	209.69	-1519.01	337.40	1088.50	1046.04	25.64	
8600.00	7178.37	9678.51	8131.83	34.61	38.28	210.58	-1616.80	343.94	1098.51	1053.49	24.40	
8700.00	7178.68	9776.52	8131.98	36.23	39.89	211.46	-1714.58	350.47	1108.78	1061.12	23.26	
8800.00	7178.98	9874.52	8132.13	37.86	41.52	212.32	-1812.37	357.00	1119.31	1068.93	22.22	
8900.00	7179.29	9972.52	8132.28	39.51	43.16	213.16	-1910.15	363.53	1130.09	1076.92	21.25	
9000.00	7179.60	10070.52	8132.42	41.17	44.82	213.99	-2007.94	370.07	1141.12	1085.10	20.37	
9100.00	7179.90	10168.53	8132.57	42.84	46.49	214.80	-2105.72	376.60	1152.39	1093.44	19.55	
9200.00	7180.21	10266.53	8132.72	44.53	48.17	215.60	-2203.51	383.13	1163.88	1101.96	18.80	
9300.00	7180.52	10364.53	8132.87	46.22	49.86	216.38	-2301.29	389.67	1175.60	1110.65	18.10	
9400.00	7180.82	10462.54	8133.01	47.92	51.56	217.15	-2399.08	396.20	1187.54	1119.51	17.46	
9500.00	7181.13	10560.54	8133.16	49.63	53.27	217.90	-2496.86	402.73	1199.69	1128.53	16.86	
9600.00	7181.44	10658.54	8133.31	51.35	54.99	218.64	-2594.65	409.26	1212.04	1137.71	16.31	
9700.00	7181.74	10756.54	8133.45	53.07	56.71	219.36	-2692.43	415.80	1224.59	1147.04	15.79	
9800.00	7182.05	10854.55	8133.60	54.80	58.44	220.07	-2790.21	422.33	1237.33	1156.53	15.31	
9900.00	7182.36	10952.55	8133.75	56.54	60.17	220.76	-2888.00	428.86	1250.26	1166.17	14.87	
10000.00	7182.66	11050.55	8133.90	58.27	61.91	221.44	-2985.78	435.39	1263.37	1175.95	14.45	
10100.00	7182.97	11148.55	8134.04	60.02	63.65	222.11	-3083.57	441.93	1276.66	1185.88	14.06	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 9
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #2H
Well: Peridot 13 State #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
10200.00	7183.28	11246.56	8134.19	61.76	65.40	222.76	-3181.35	448.46	1290.11	1195.95	13.70	
10300.00	7183.58	11344.56	8134.34	63.51	67.15	223.40	-3279.14	454.99	1303.73	1206.15	13.36	
10400.00	7183.89	11442.56	8134.49	65.27	68.90	224.03	-3376.92	461.53	1317.51	1216.48	13.04	
10500.00	7184.20	11540.57	8134.63	67.02	70.66	224.64	-3474.71	468.06	1331.44	1226.95	12.74	
10600.00	7184.50	11638.57	8134.78	68.78	72.42	225.24	-3572.49	474.59	1345.53	1237.54	12.46	
10700.00	7184.81	11736.57	8134.93	70.54	74.18	225.83	-3670.28	481.12	1359.75	1248.25	12.19	
10800.00	7185.12	11834.57	8135.07	72.31	75.95	226.41	-3768.06	487.66	1374.12	1259.08	11.94	
10900.00	7185.42	11932.58	8135.22	74.07	77.72	226.97	-3865.85	494.19	1388.63	1270.04	11.71	
11000.00	7185.73	12030.58	8135.37	75.84	79.49	227.53	-3963.63	500.72	1403.26	1281.10	11.49	
11100.00	7186.04	12128.58	8135.52	77.61	81.26	228.07	-4061.42	507.26	1418.03	1292.28	11.28	
11200.00	7186.34	12226.59	8135.66	79.38	83.04	228.60	-4159.20	513.79	1432.92	1303.56	11.08	
11300.00	7186.65	12324.59	8135.81	81.16	84.82	229.12	-4256.98	520.32	1447.92	1314.95	10.89	
11400.00	7186.96	12422.59	8135.96	82.93	86.60	229.63	-4354.77	526.85	1463.05	1326.45	10.71	
11500.00	7187.26	12520.59	8136.11	84.71	88.38	230.13	-4452.55	533.39	1478.29	1338.04	10.54	
11600.00	7187.57	12618.60	8136.25	86.49	90.16	230.62	-4550.34	539.92	1493.63	1349.73	10.38	
11700.00	7187.88	12716.60	8136.40	88.27	91.94	231.10	-4648.12	546.45	1509.08	1361.52	10.23	
11800.00	7188.18	12814.60	8136.55	90.05	93.73	231.57	-4745.91	552.99	1524.64	1373.40	10.08	
11900.00	7188.49	12912.60	8136.69	91.83	95.52	232.03	-4843.69	559.52	1540.30	1385.37	9.94	
12000.00	7188.80	13010.61	8136.84	93.61	97.30	232.48	-4941.48	566.05	1556.05	1397.43	9.81	
12100.00	7189.10	13108.61	8136.99	95.39	99.09	232.92	-5039.26	572.58	1571.89	1409.57	9.68	
12200.00	7189.41	13206.61	8137.14	97.18	100.88	233.36	-5137.05	579.12	1587.83	1421.80	9.56	
12300.00	7189.72	13304.62	8137.28	98.97	102.67	233.78	-5234.83	585.65	1603.85	1434.11	9.45	
12400.00	7190.03	13402.62	8137.43	100.75	104.47	234.20	-5332.62	592.18	1619.96	1446.50	9.34	
12500.00	7190.33	13500.62	8137.58	102.54	106.26	234.61	-5430.40	598.71	1636.16	1458.96	9.23	
12600.00	7190.64	13598.62	8137.73	104.33	108.05	235.01	-5528.19	605.25	1652.43	1471.50	9.13	
12700.00	7190.95	13696.63	8137.87	106.12	109.85	235.40	-5625.97	611.78	1668.78	1484.12	9.04	
12800.00	7191.25	13794.63	8138.02	107.91	111.64	235.79	-5723.75	618.31	1685.21	1496.80	8.94	
12900.00	7191.56	13892.63	8138.17	109.70	113.44	236.16	-5821.54	624.85	1701.71	1509.56	8.86	
13000.00	7191.87	13990.63	8138.32	111.49	115.24	236.54	-5919.32	631.38	1718.29	1522.38	8.77	
13100.00	7192.17	14088.64	8138.46	113.28	117.04	236.90	-6017.11	637.91	1734.93	1535.27	8.69	
13200.00	7192.48	14186.64	8138.61	115.07	118.84	237.26	-6114.89	644.44	1751.64	1548.23	8.61	
13300.00	7192.79	14284.64	8138.76	116.86	120.63	237.61	-6212.68	650.98	1768.42	1561.24	8.54	
13400.00	7193.09	14382.65	8138.90	118.66	122.43	237.95	-6310.46	657.51	1785.26	1574.32	8.46	
13500.00	7193.40	14480.65	8139.05	120.45	124.24	238.29	-6408.25	664.04	1802.16	1587.46	8.39	
13600.00	7193.71	14578.65	8139.20	122.24	126.04	238.62	-6506.03	670.58	1819.12	1600.66	8.33	
13700.00	7194.01	14676.65	8139.35	124.04	127.84	238.95	-6603.82	677.11	1836.14	1613.91	8.26	
13800.00	7194.32	14774.66	8139.49	125.83	129.64	239.27	-6701.60	683.64	1853.22	1627.22	8.20	
13900.00	7194.63	14872.66	8139.64	127.63	131.44	239.58	-6799.39	690.17	1870.36	1640.58	8.14	
14000.00	7194.93	14970.66	8139.79	129.42	133.25	239.89	-6897.17	696.71	1887.54	1654.00	8.08	

Site: Peridot 13 State #6H
Well: Peridot 13 State #6H
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	4.00	4.00	0.00	0.00	90.36	-1.10	174.93	174.93	174.93	48042.68	
100.00	100.00	104.00	104.00	0.09	0.10	90.36	-1.10	174.93	174.93	174.74	915.64	
200.00	200.00	204.00	204.00	0.32	0.32	90.36	-1.10	174.93	174.93	174.29	273.08	
300.00	300.00	304.00	304.00	0.54	0.55	90.36	-1.10	174.93	174.93	173.84	160.47	
400.00	400.00	404.00	404.00	0.77	0.77	90.36	-1.10	174.93	174.93	173.39	113.62	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 10
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #6H
Well: Peridot 13 State #6H
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
500.00	500.00	504.00	504.00	0.99	1.00	90.36	-1.10	174.93	174.93	172.94	87.94	
600.00	600.00	604.00	604.00	1.21	1.22	90.36	-1.10	174.93	174.93	172.49	71.73	
700.00	700.00	704.00	704.00	1.44	1.45	90.36	-1.10	174.93	174.93	172.05	60.57	
800.00	800.00	804.00	804.00	1.66	1.67	90.36	-1.10	174.93	174.93	171.60	52.41	
900.00	900.00	904.00	904.00	1.89	1.90	90.36	-1.10	174.93	174.93	171.15	46.19	
1000.00	1000.00	1004.00	1004.00	2.11	2.12	90.36	-1.10	174.93	174.93	170.70	41.29	
1100.00	1100.00	1104.00	1104.00	2.34	2.35	90.36	-1.10	174.93	174.93	170.25	37.33	
1200.00	1200.00	1204.00	1204.00	2.56	2.57	90.36	-1.10	174.93	174.93	169.80	34.06	
1300.00	1300.00	1304.00	1304.00	2.79	2.80	90.36	-1.10	174.93	174.93	169.35	31.32	
1400.00	1400.00	1404.00	1404.00	3.01	3.02	90.36	-1.10	174.93	174.93	168.90	28.99	
1500.00	1500.00	1504.00	1504.00	3.24	3.25	90.36	-1.10	174.93	174.93	168.45	26.98	
1600.00	1600.00	1604.00	1604.00	3.46	3.47	90.36	-1.10	174.93	174.93	168.00	25.23	
1700.00	1700.00	1704.00	1704.00	3.69	3.70	90.36	-1.10	174.93	174.93	167.55	23.69	
1800.00	1800.00	1804.00	1804.00	3.91	3.92	90.36	-1.10	174.93	174.93	167.10	22.33	
1900.00	1900.00	1904.00	1904.00	4.14	4.15	90.36	-1.10	174.93	174.93	166.65	21.12	
2000.00	2000.00	2004.00	2004.00	4.36	4.37	90.36	-1.10	174.93	174.93	166.20	20.03	
2100.00	2100.00	2104.00	2104.00	4.59	4.60	90.36	-1.10	174.93	174.93	165.75	19.05	
2200.00	2200.00	2204.00	2204.00	4.81	4.82	90.36	-1.10	174.93	174.93	165.30	18.16	
2300.00	2300.00	2304.00	2304.00	5.04	5.04	90.36	-1.10	174.93	174.93	164.85	17.35	
2400.00	2400.00	2404.00	2404.00	5.26	5.27	90.36	-1.10	174.93	174.93	164.40	16.61	
2500.00	2500.00	2504.00	2504.00	5.49	5.49	90.36	-1.10	174.93	174.93	163.95	15.93	
2600.00	2600.00	2604.00	2604.00	5.71	5.72	90.36	-1.10	174.93	174.93	163.50	15.31	
2700.00	2700.00	2704.00	2704.00	5.93	5.94	90.36	-1.10	174.93	174.93	163.05	14.73	
2800.00	2800.00	2804.00	2804.00	6.16	6.17	90.36	-1.10	174.93	174.93	162.61	14.19	
2900.00	2900.00	2904.00	2904.00	6.38	6.39	90.36	-1.10	174.93	174.93	162.16	13.69	
3000.00	3000.00	3004.00	3004.00	6.61	6.62	90.36	-1.10	174.93	174.93	161.71	13.23	
3100.00	3100.00	3104.00	3104.00	6.83	6.84	90.36	-1.10	174.93	174.93	161.26	12.79	
3200.00	3200.00	3204.00	3204.00	7.06	7.07	90.36	-1.10	174.93	174.93	160.81	12.38	
3300.00	3300.00	3304.00	3304.00	7.28	7.29	90.36	-1.10	174.93	174.93	160.36	12.00	
3400.00	3400.00	3404.00	3404.00	7.51	7.52	90.36	-1.10	174.93	174.93	159.91	11.64	
3500.00	3500.00	3504.00	3504.00	7.73	7.74	90.36	-1.10	174.93	174.93	159.46	11.30	
3600.00	3600.00	3604.00	3604.00	7.96	7.97	90.36	-1.10	174.93	174.93	159.01	10.99	
3700.00	3700.00	3704.00	3704.00	8.18	8.19	90.36	-1.10	174.93	174.93	158.56	10.68	
3800.00	3800.00	3804.00	3804.00	8.41	8.42	90.36	-1.10	174.93	174.93	158.11	10.40	
3900.00	3900.00	3904.00	3904.00	8.63	8.64	90.36	-1.10	174.93	174.93	157.66	10.13	
4000.00	4000.00	4004.00	4004.00	8.86	8.87	90.36	-1.10	174.93	174.93	157.21	9.87	
4100.00	4100.00	4104.00	4104.00	9.08	9.09	90.36	-1.10	174.93	174.93	156.76	9.63	
4200.00	4200.00	4204.00	4204.00	9.31	9.32	90.36	-1.10	174.93	174.93	156.31	9.39	
4300.00	4300.00	4304.00	4304.00	9.53	9.54	90.36	-1.10	174.93	174.93	155.86	9.17	
4400.00	4400.00	4404.00	4404.00	9.76	9.76	90.36	-1.10	174.93	174.93	155.41	8.96	
4500.00	4500.00	4504.00	4504.00	9.98	9.99	90.36	-1.10	174.93	174.93	154.96	8.76	
4600.00	4600.00	4604.00	4604.00	10.21	10.21	90.36	-1.10	174.93	174.93	154.51	8.57	
4700.00	4700.00	4704.00	4704.00	10.43	10.44	90.36	-1.10	174.93	174.93	154.06	8.38	
4800.00	4800.00	4804.00	4804.00	10.66	10.66	90.36	-1.10	174.93	174.93	153.61	8.21	
4900.00	4900.00	4904.00	4904.00	10.88	10.89	90.36	-1.10	174.93	174.93	153.16	8.04	
5000.00	5000.00	5004.00	5004.00	11.10	11.11	90.36	-1.10	174.93	174.93	152.72	7.87	
5100.00	5100.00	5104.00	5104.00	11.33	11.34	90.36	-1.10	174.93	174.93	152.27	7.72	
5200.00	5200.00	5204.00	5204.00	11.55	11.56	90.36	-1.10	174.93	174.93	151.82	7.57	
5300.00	5300.00	5304.00	5304.00	11.78	11.79	90.36	-1.10	174.93	174.93	151.37	7.42	
5400.00	5400.00	5404.00	5404.00	12.00	12.01	90.36	-1.10	174.93	174.93	150.92	7.28	
5500.00	5500.00	5504.00	5504.00	12.23	12.24	90.36	-1.10	174.93	174.93	150.47	7.15	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 11
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #6H
Well: Peridot 13 State #6H
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	North	East	Ctr-Ctr Distance	Edge Distance	Separation Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
5600.00	5600.00	5604.00	5604.00	12.45	12.46	90.36	-1.10	174.93	174.93	150.02	7.02	
5700.00	5700.00	5704.00	5704.00	12.68	12.69	90.36	-1.10	174.93	174.93	149.57	6.90	
5800.00	5800.00	5804.00	5804.00	12.90	12.91	90.36	-1.10	174.93	174.93	149.12	6.78	
5900.00	5900.00	5904.00	5904.00	13.13	13.14	90.36	-1.10	174.93	174.93	148.67	6.66	
6000.00	6000.00	6004.00	6004.00	13.35	13.36	90.36	-1.10	174.93	174.93	148.22	6.55	
6100.00	6100.00	6104.00	6104.00	13.58	13.59	90.36	-1.10	174.93	174.93	147.77	6.44	
6200.00	6200.00	6204.00	6204.00	13.80	13.81	90.36	-1.10	174.93	174.93	147.32	6.34	
6300.00	6300.00	6304.00	6304.00	14.03	14.04	90.36	-1.10	174.93	174.93	146.87	6.23	
6400.00	6400.00	6404.00	6404.00	14.25	14.26	90.36	-1.10	174.93	174.93	146.42	6.14	
6500.00	6500.00	6504.00	6504.00	14.48	14.49	90.36	-1.10	174.93	174.93	145.97	6.04	
6600.00	6600.00	6603.95	6603.95	14.70	14.71	90.36	-1.10	174.93	174.93	145.52	5.95	
6700.00	6699.52	6701.45	6700.95	14.93	14.93	263.05	-9.68	175.58	176.71	146.85	5.92	
6800.00	6796.08	6798.72	6794.88	15.17	15.17	263.61	-34.43	177.45	182.03	151.70	6.00	
6900.00	6886.75	6895.69	6883.00	15.45	15.43	264.36	-74.50	180.47	190.71	159.86	6.18	
7000.00	6968.77	6992.31	6962.83	15.78	15.76	265.26	-128.59	184.55	202.48	170.98	6.43	
7100.00	7039.64	7088.62	7032.21	16.22	16.17	266.28	-195.03	189.57	216.99	184.64	6.71	
7200.00	7097.21	7184.71	7089.35	16.78	16.70	267.39	-271.93	195.37	233.79	200.34	6.99	
7300.00	7139.74	7280.75	7132.80	17.48	17.37	268.55	-357.20	201.81	252.39	217.56	7.25	
7400.00	7165.94	7376.94	7161.40	18.32	18.17	269.73	-448.67	208.72	272.23	235.74	7.46	
7500.00	7174.99	7473.56	7174.30	19.29	19.11	270.90	-544.04	215.91	292.75	254.36	7.63	
7600.00	7175.30	7571.19	7175.39	20.35	20.17	270.69	-641.38	223.26	313.46	272.94	7.74	
7700.00	7175.61	7669.02	7175.92	21.52	21.32	270.61	-738.93	230.63	334.19	291.35	7.80	
7800.00	7175.91	7766.85	7176.44	22.77	22.57	270.54	-836.47	237.99	354.92	309.58	7.83	
7900.00	7176.22	7864.67	7176.97	24.10	23.88	270.47	-934.02	245.35	375.65	327.67	7.83	
8000.00	7176.53	7962.50	7177.50	25.48	25.26	270.41	-1031.57	252.72	396.37	345.63	7.81	
8100.00	7176.83	8060.33	7178.03	26.91	26.70	270.36	-1129.12	260.08	417.10	363.49	7.78	
8200.00	7177.14	8158.16	7178.56	28.39	28.17	270.31	-1226.67	267.44	437.83	381.27	7.74	
8300.00	7177.45	8255.98	7179.08	29.90	29.69	270.26	-1324.22	274.81	458.56	398.97	7.69	
8400.00	7177.76	8353.81	7179.61	31.45	31.24	270.22	-1421.76	282.17	479.29	416.61	7.65	
8500.00	7178.06	8451.64	7180.14	33.02	32.82	270.19	-1519.31	289.53	500.02	434.19	7.60	
8600.00	7178.37	8549.47	7180.67	34.61	34.42	270.15	-1616.86	296.90	520.75	451.72	7.54	
8700.00	7178.68	8647.29	7181.20	36.23	36.04	270.12	-1714.41	304.26	541.48	469.21	7.49	
8800.00	7178.98	8745.12	7181.72	37.86	37.68	270.09	-1811.96	311.62	562.21	486.67	7.44	
8900.00	7179.29	8842.95	7182.25	39.51	39.34	270.07	-1909.51	318.99	582.94	504.10	7.39	
9000.00	7179.60	8940.77	7182.78	41.17	41.01	270.04	-2007.05	326.35	603.67	521.50	7.35	
9100.00	7179.90	9038.60	7183.31	42.84	42.69	270.02	-2104.60	333.71	624.40	538.87	7.30	
9200.00	7180.21	9136.43	7183.83	44.53	44.38	270.00	-2202.15	341.08	645.13	556.22	7.26	
9300.00	7180.52	9234.26	7184.36	46.22	46.08	269.98	-2299.70	348.44	665.86	573.56	7.21	
9400.00	7180.82	9332.08	7184.89	47.92	47.80	269.96	-2397.25	355.81	686.59	590.87	7.17	
9500.00	7181.13	9429.91	7185.42	49.63	49.52	269.94	-2494.80	363.17	707.33	608.18	7.13	
9600.00	7181.44	9527.74	7185.95	51.35	51.24	269.92	-2592.34	370.53	728.06	625.46	7.10	
9700.00	7181.74	9625.57	7186.47	53.07	52.98	269.91	-2689.89	377.90	748.79	642.74	7.06	
9800.00	7182.05	9723.39	7187.00	54.80	54.71	269.89	-2787.44	385.26	769.52	660.00	7.03	
9900.00	7182.36	9821.22	7187.53	56.54	56.46	269.88	-2884.99	392.62	790.25	677.26	6.99	
10000.00	7182.66	9919.05	7188.06	58.27	58.21	269.86	-2982.54	399.99	810.98	694.50	6.96	
10100.00	7182.97	10016.87	7188.58	60.02	59.96	269.85	-3080.09	407.35	831.71	711.74	6.93	
10200.00	7183.28	10114.70	7189.11	61.76	61.72	269.84	-3177.63	414.71	852.44	728.96	6.90	
10300.00	7183.58	10212.53	7189.64	63.51	63.48	269.82	-3275.18	422.08	873.18	746.19	6.88	
10400.00	7183.89	10310.36	7190.17	65.27	65.24	269.81	-3372.73	429.44	893.91	763.40	6.85	
10500.00	7184.20	10408.18	7190.70	67.02	67.01	269.80	-3470.28	436.80	914.64	780.61	6.82	
10600.00	7184.50	10506.01	7191.22	68.78	68.78	269.79	-3567.83	444.17	935.37	797.81	6.80	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #5H
Reference Well: Peridot 13 State #5H
Reference Wellpath:

Date: 7/18/2012 Time: 08:58:44 Page: 12
Co-ordinate(NE) Reference: Well: Peridot 13 State #5H, Grid North
Vertical (TVD) Reference: SITE 3394.0

Db: Sybase

Site: Peridot 13 State #6H
Well: Peridot 13 State #6H
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		
10700.00	7184.81	10603.84	7191.75	70.54	70.55	269.78-3665.38	451.53	956.10	815.01	6.78		
10800.00	7185.12	10701.67	7192.28	72.31	72.33	269.77-3762.92	458.89	976.83	832.20	6.75		
10900.00	7185.42	10799.49	7192.81	74.07	74.10	269.76-3860.47	466.26	997.56	849.39	6.73		
11000.00	7185.73	10897.32	7193.34	75.84	75.88	269.76-3958.02	473.62	1018.30	866.57	6.71		
11100.00	7186.04	10995.15	7193.86	77.61	77.66	269.75-4055.57	480.98	1039.03	883.75	6.69		
11200.00	7186.34	11092.97	7194.39	79.38	79.45	269.74-4153.12	488.35	1059.76	900.93	6.67		
11300.00	7186.65	11190.80	7194.92	81.16	81.23	269.73-4250.67	495.71	1080.49	918.10	6.65		
11400.00	7186.96	11288.63	7195.45	82.93	83.02	269.72-4348.21	503.08	1101.22	935.27	6.64		
11500.00	7187.26	11386.46	7195.97	84.71	84.80	269.72-4445.76	510.44	1121.95	952.44	6.62		
11600.00	7187.57	11484.28	7196.50	86.49	86.59	269.71-4543.31	517.80	1142.69	969.61	6.60		
11700.00	7187.88	11582.11	7197.03	88.27	88.38	269.70-4640.86	525.17	1163.42	986.77	6.59		
11800.00	7188.18	11679.94	7197.56	90.05	90.18	269.70-4738.41	532.53	1184.15	1003.93	6.57		
11900.00	7188.49	11777.77	7198.09	91.83	91.97	269.69-4835.96	539.89	1204.88	1021.09	6.56		
12000.00	7188.80	11875.59	7198.61	93.61	93.76	269.68-4933.50	547.26	1225.61	1038.24	6.54		
12100.00	7189.10	11973.42	7199.14	95.39	95.56	269.68-5031.05	554.62	1246.34	1055.39	6.53		
12200.00	7189.41	12071.25	7199.67	97.18	97.35	269.67-5128.60	561.98	1267.08	1072.55	6.51		
12300.00	7189.72	12169.08	7200.20	98.97	99.15	269.67-5226.15	569.35	1287.81	1089.70	6.50		
12400.00	7190.03	12266.90	7200.72	100.75	100.95	269.66-5323.70	576.71	1308.54	1106.84	6.49		
12500.00	7190.33	12364.73	7201.25	102.54	102.75	269.66-5421.25	584.07	1329.27	1123.99	6.48		
12600.00	7190.64	12462.56	7201.78	104.33	104.55	269.65-5518.79	591.44	1350.00	1141.13	6.46		
12700.00	7190.95	12560.38	7202.31	106.12	106.35	269.65-5616.34	598.80	1370.73	1158.28	6.45		
12800.00	7191.25	12658.21	7202.84	107.91	108.15	269.64-5713.89	606.16	1391.47	1175.42	6.44		
12900.00	7191.56	12756.04	7203.36	109.70	109.95	269.64-5811.44	613.53	1412.20	1192.56	6.43		
13000.00	7191.87	12853.87	7203.89	111.49	111.75	269.63-5908.99	620.89	1432.93	1209.70	6.42		
13100.00	7192.17	12951.69	7204.42	113.28	113.55	269.63-6006.54	628.26	1453.66	1226.84	6.41		
13200.00	7192.48	13049.52	7204.95	115.07	115.36	269.63-6104.08	635.62	1474.39	1243.97	6.40		
13300.00	7192.79	13147.35	7205.47	116.86	117.16	269.62-6201.63	642.98	1495.13	1261.11	6.39		
13400.00	7193.09	13245.18	7206.00	118.66	118.96	269.62-6299.18	650.35	1515.86	1278.24	6.38		
13500.00	7193.40	13343.00	7206.53	120.45	120.77	269.61-6396.73	657.71	1536.59	1295.38	6.37		
13600.00	7193.71	13440.83	7207.06	122.24	122.57	269.61-6494.28	665.07	1557.32	1312.51	6.36		
13700.00	7194.01	13538.66	7207.59	124.04	124.38	269.61-6591.83	672.44	1578.05	1329.64	6.35		
13800.00	7194.32	13636.48	7208.11	125.83	126.19	269.60-6689.38	679.80	1598.78	1346.77	6.34		
13900.00	7194.63	13734.31	7208.64	127.63	127.99	269.60-6786.92	687.16	1619.52	1363.90	6.34		
14000.00	7194.93	13832.14	7209.17	129.42	129.80	269.60-6884.47	694.53	1640.25	1381.03	6.33		

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

GeoDec v5.03

Report Date: July 18, 2012
Job Number: _____
Customer: Devon Energy
Well Name: Peridot 13 State #5H
API Number: _____
Rig Name: _____
Location: Eddy Co., NM
Block: _____
Engineer: PBR

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 608894.640 USFT	Latitude 32.6735364 DEG
East/West 633835.040 USFT	Longitude -104.0327250 DEG
Grid Convergence: .16°	
Total Correction: +7.44°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.67354° N	32° 40 min 24.731 sec
Longitude =	104.03273° W	104° 1 min 57.810 sec

Magnetic Declination =	7.60°	[True North Offset]
Local Gravity =	9.988 g	Checksum = 6689
Local Field Strength =	48666 nT	Magnetic Vector X = 23771 nT
Magnetic Dip =	60.48°	Magnetic Vector Y = 3171 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 42347 nT
Spud Date =	May 15, 2013	Magnetic Vector H = 23982 nT

Signed: _____

Date: _____