

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 30-015-40777	² Pool Code 60660	³ Pool Name Turkey Track; Bone Spring
⁴ Property Code 39356	⁵ Property Name PERIDOT "13" STATE	⁶ Well Number 2H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3387.9

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
K	12	19 S	29 E		2260	SOUTH	1520	WEST	EDDY

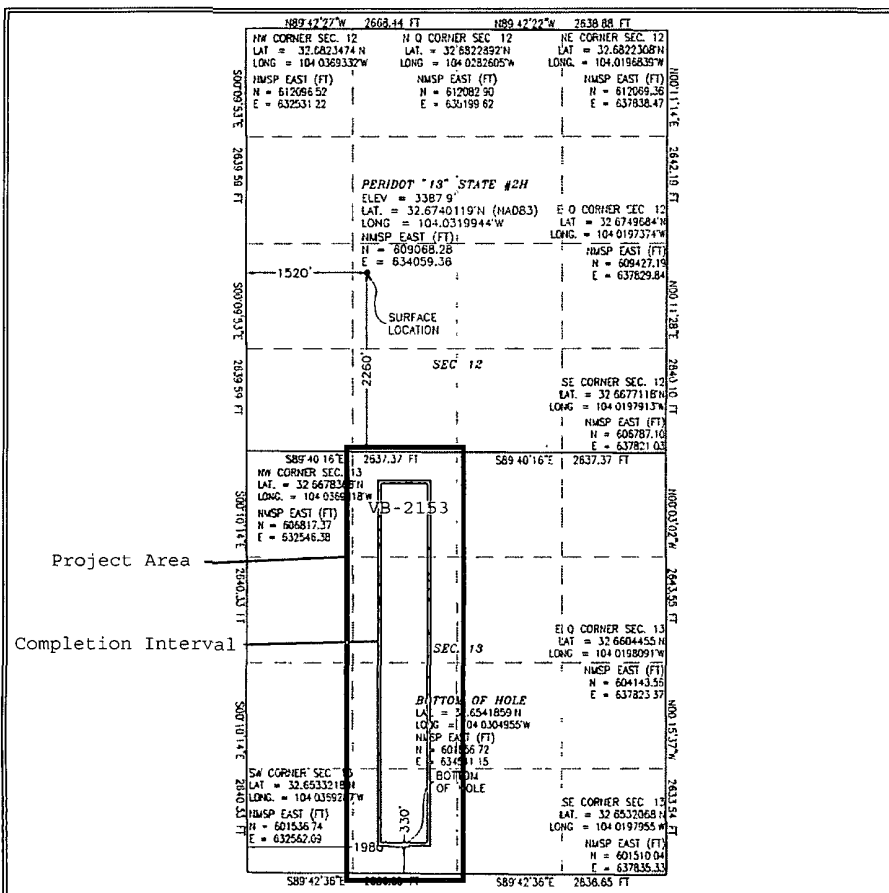
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	13	19 S	29 E		330	SOUTH	1980	WEST	EDDY

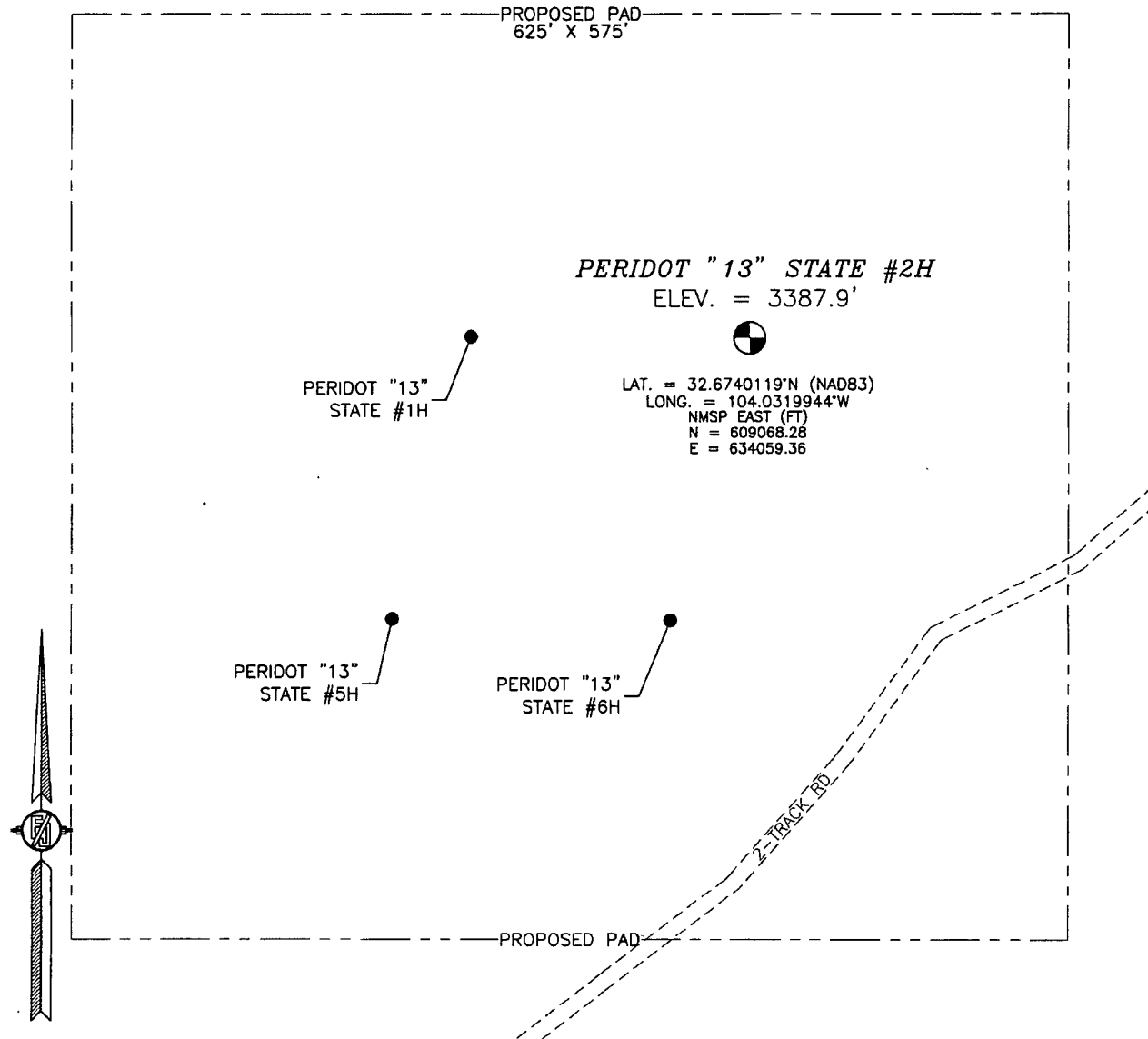
¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

RECEIVED
SEP 07 2012

	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 Melanie Crawford 9/6/12 Signature Date Printed Name Melanie Crawford
	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 Certificate Number 51110001 JAR (M.L.O. PLS 12797) SURVEY NO 1012

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. 1.8 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 #2H

LOCATED 2260 FT. FROM THE SOUTH LINE
AND 1520 FT. FROM THE WEST LINE OF

SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.

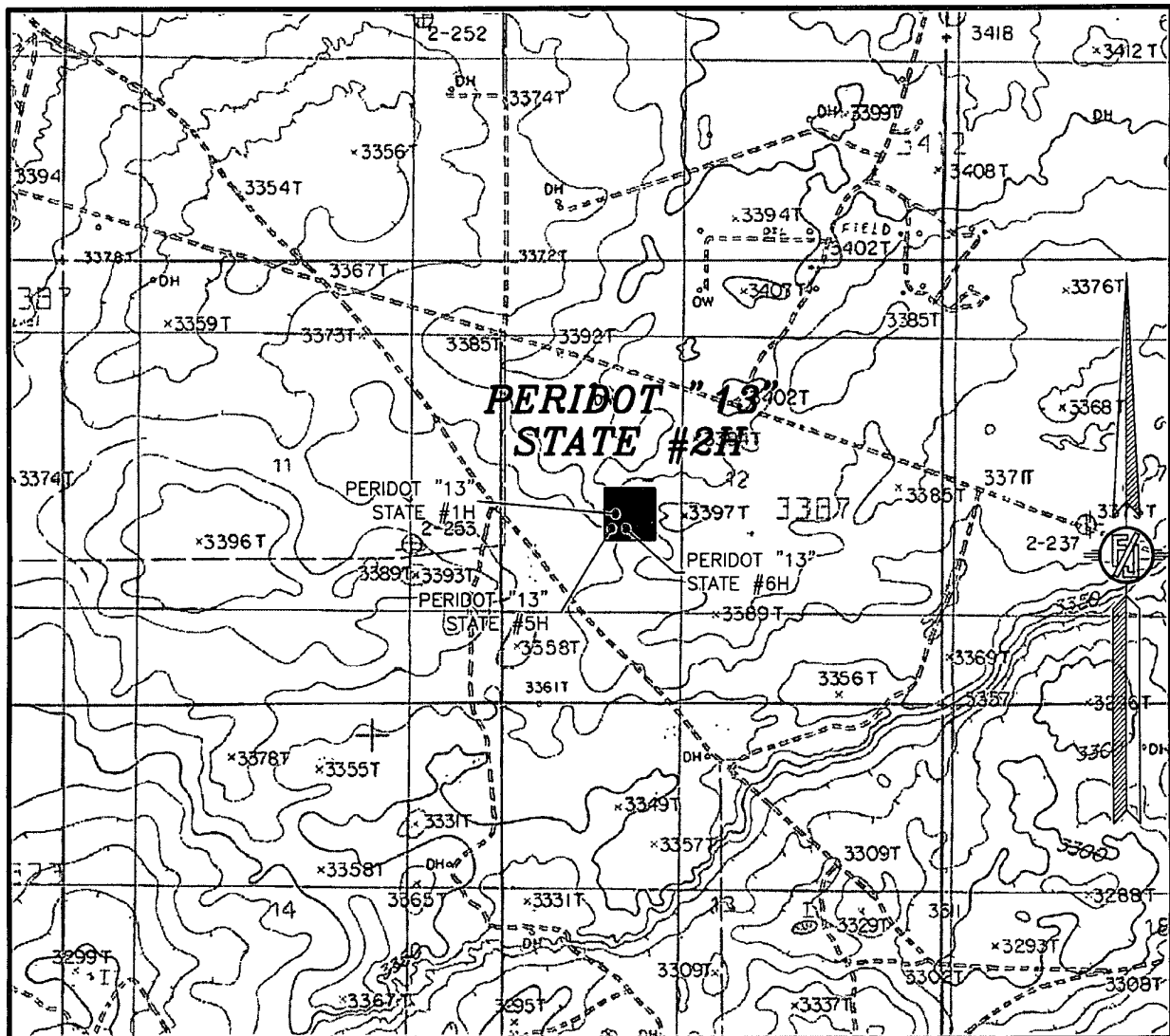
EDDY COUNTY, STATE OF NEW MEXICO

MAY 5, 2012

SURVEY NO. 1012

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

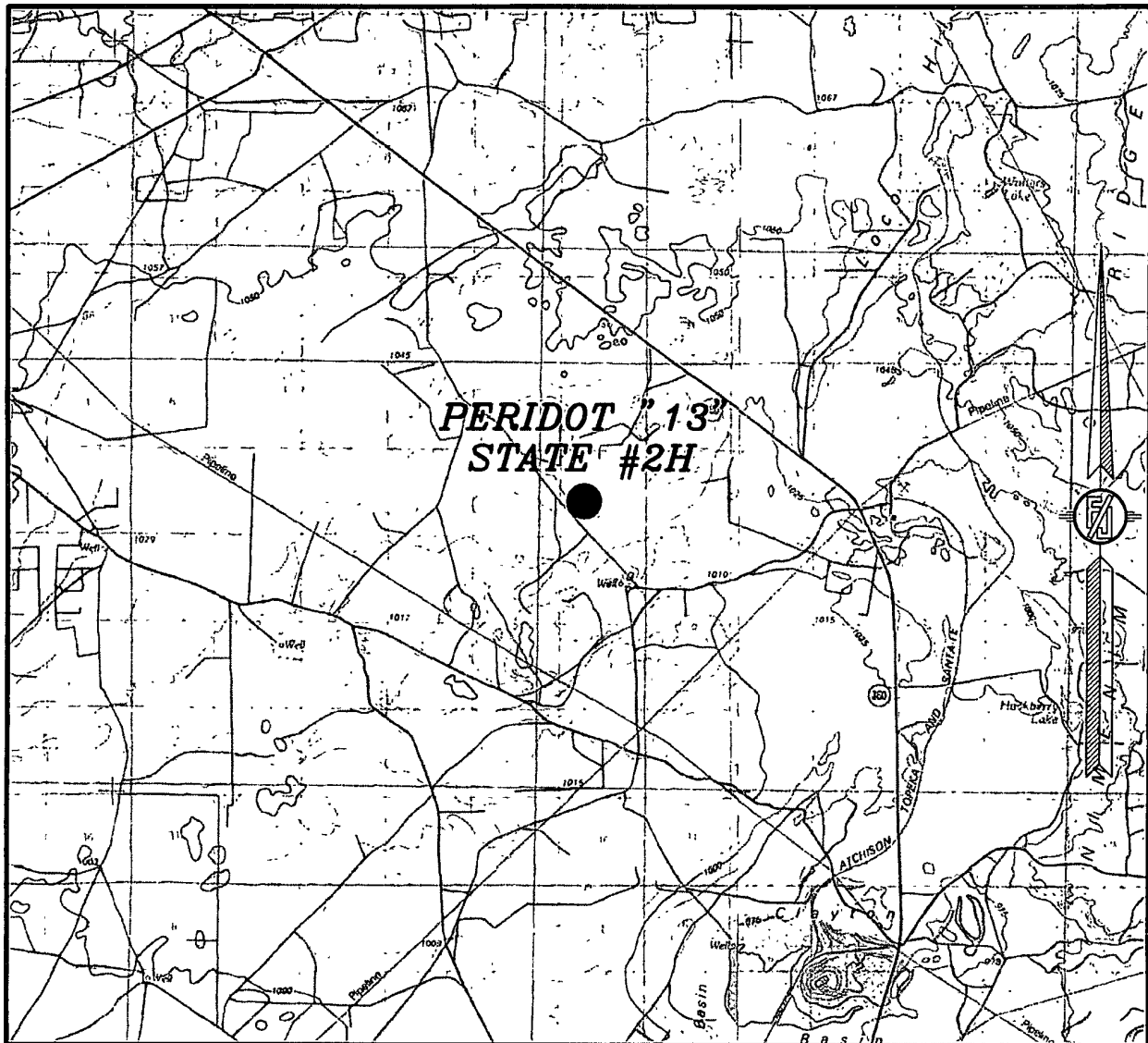
DEVON ENERGY PRODUCTION COMPANY, L.P.
PERIDOT "13" STATE #2H
LOCATED 2260 FT. FROM THE SOUTH LINE
AND 1520 FT. FROM THE WEST LINE OF
SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 5, 2012

SURVEY NO. 1012

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

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 #2H

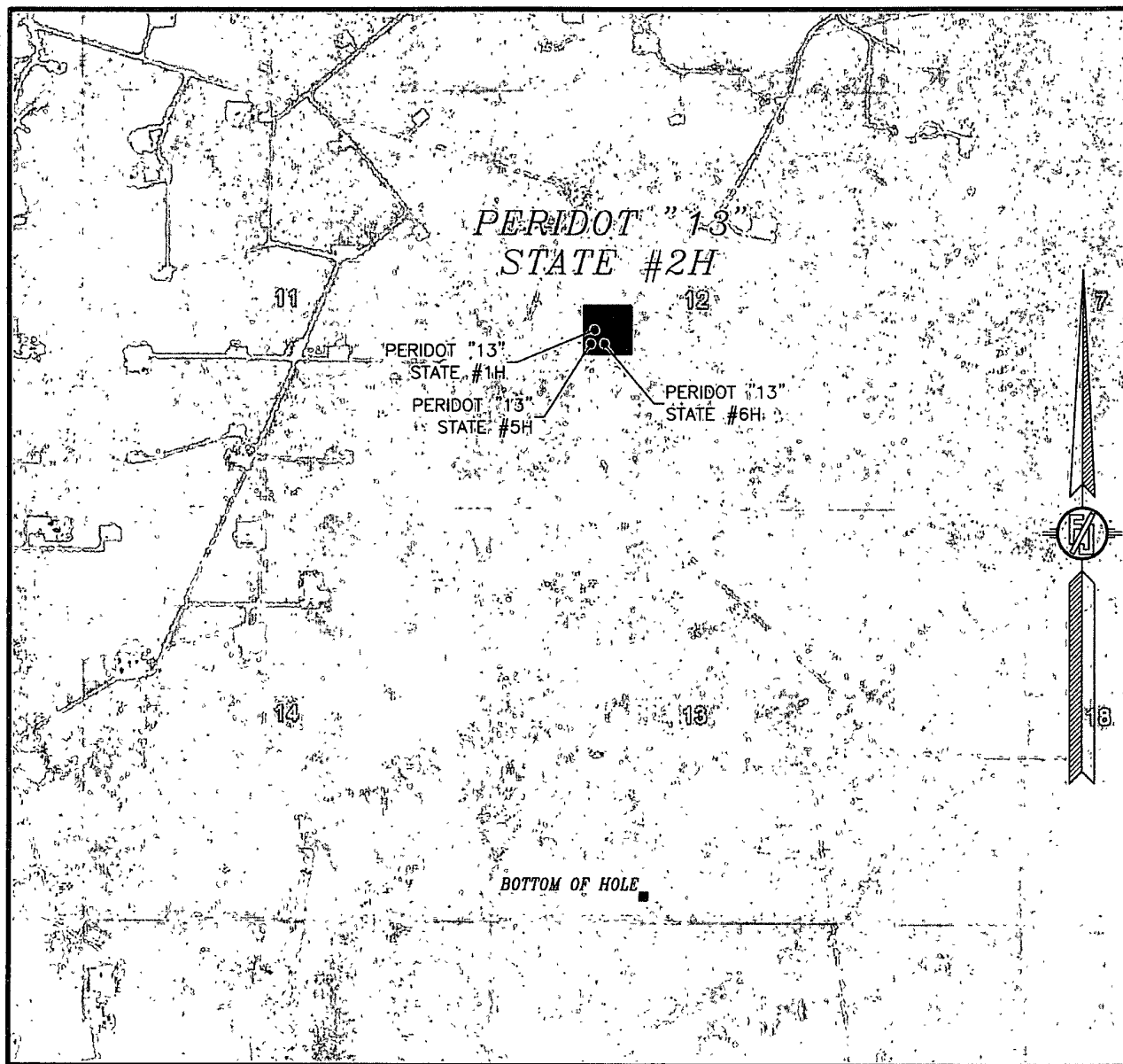
LOCATED 2260 FT. FROM THE SOUTH LINE
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SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 5, 2012

SURVEY NO. 1012

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
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
JUNE, 2011

DEVON ENERGY PRODUCTION COMPANY, L.P.

PERIDOT "13" STATE #2H

LOCATED 2260 FT. FROM THE SOUTH LINE
AND 1520 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. 1012

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



Weatherford[®]

Drilling Services

Proposal



devon

PERIDOT 13 STATE #2H

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

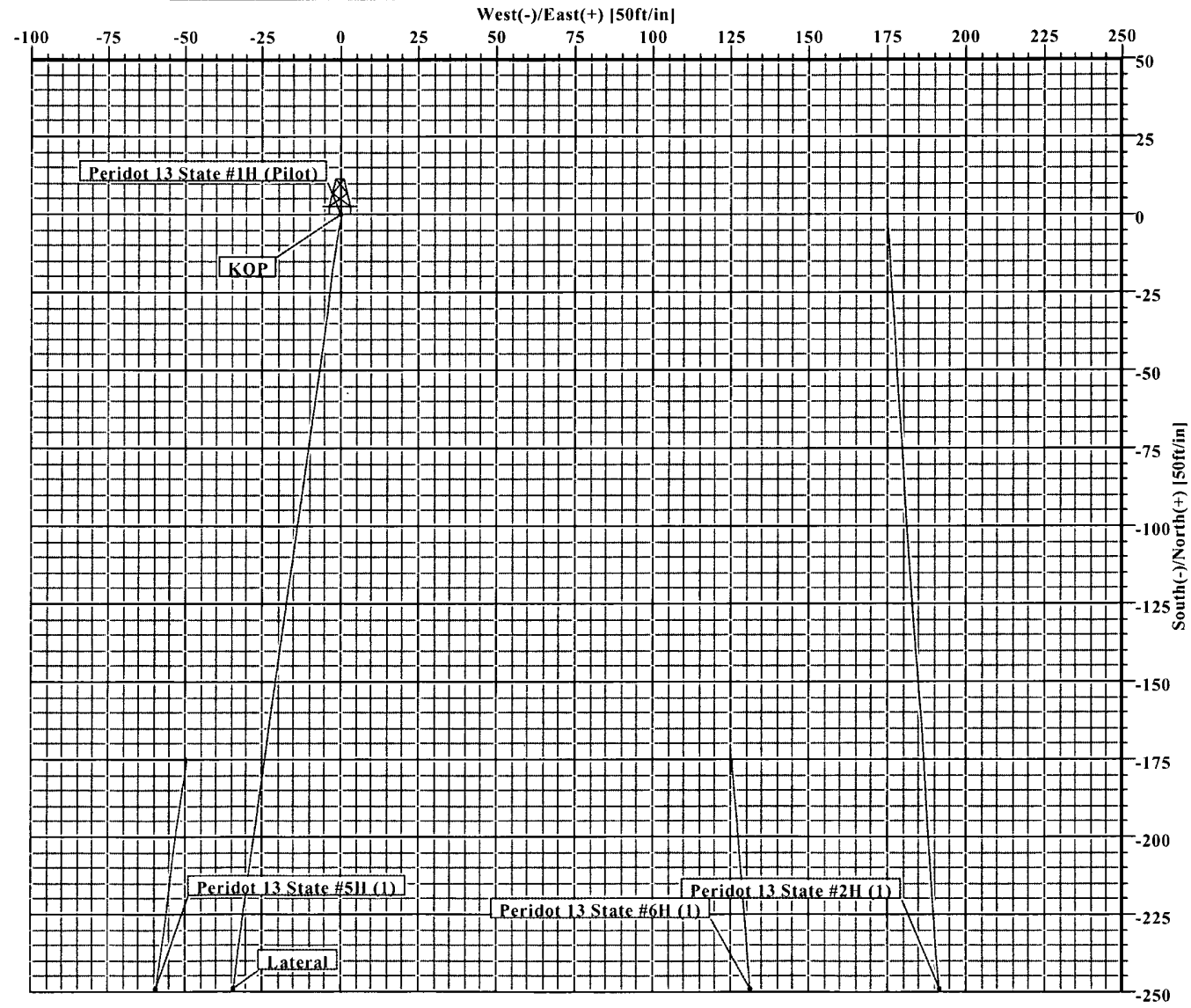
Peridot 13 State #1H (Pilot)

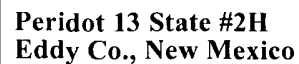
Peridot 13 State #2H (1)

Peridot 13 State #5H (1)

Peridot 13 State #6H (1)

Lateral





SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	176.18	0.00	0.00	0.00	0.00	0.00	0.00	
2	7557.04	0.00	176.18	7557.04	0.00	0.00	0.00	0.00	0.00	
3	8456.18	89.91	176.18	8130.00	-570.82	38.14	10.00	176.18	572.10	
4	15111.73	89.91	176.18	8140.00	-7211.56	481.79	0.00	0.00	7227.64	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Peridot 13 State #2H	0.00	0.00	609068.28	634059.36	32°40'26.431N	104°01'55.195W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	8140.00	-7211.56	481.79	601856.72	634541.15	Rectangle (6655x50)

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 #2H

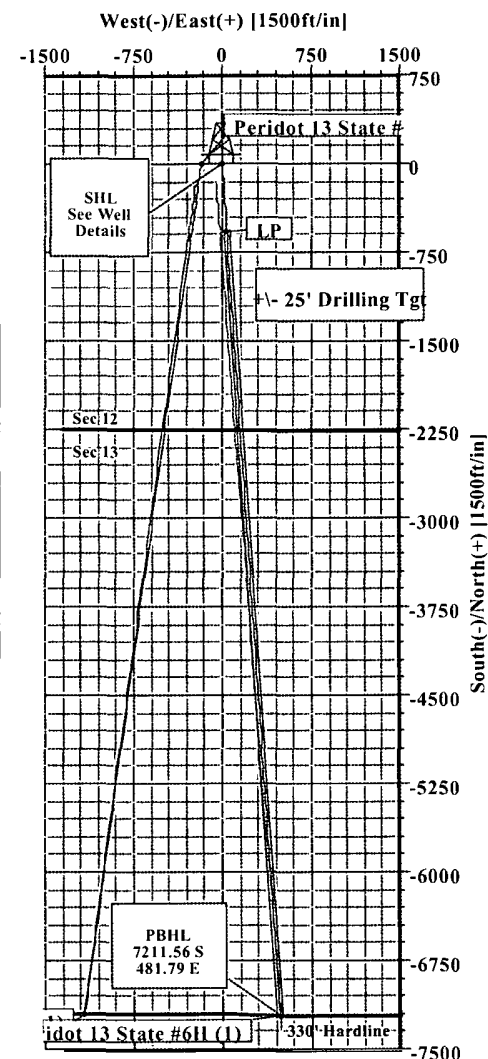
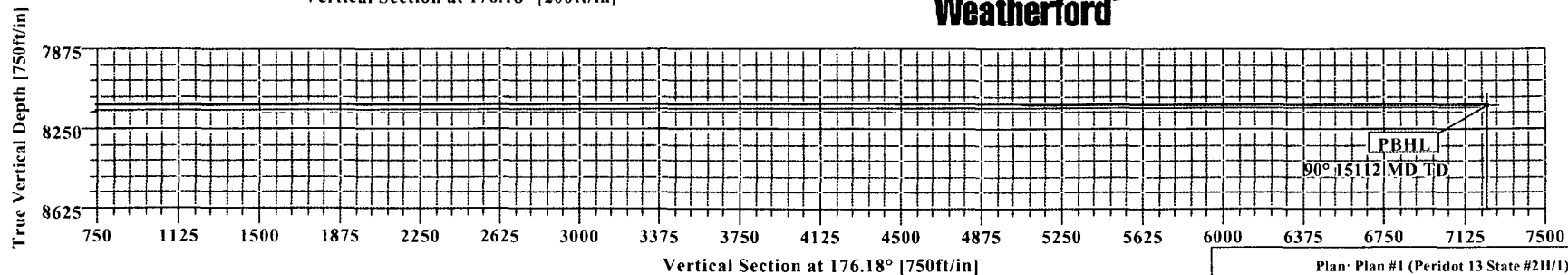
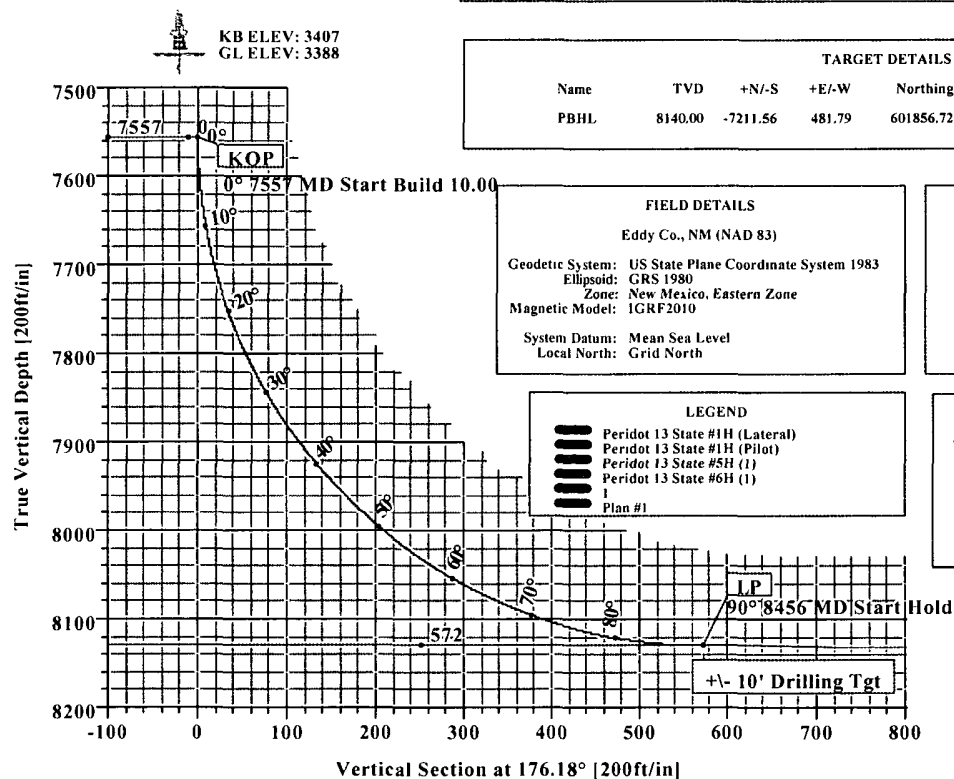
Site Centre Northing: 609068.28
Easting: 634059.36

Ground Level: 3388.00
Positional Uncertainty: 0.00
Convergence: 0.16

Azimuths to Grid North
 True North: -0.16°
 Magnetic North: 7.46°
 Magnetic Field
 Strength: 48687nT
 Dip Angle: 60.48°
 Date: 3/15/2013
 Model: IGRF2010
 Total Correction to Grid North: 7.46°

LEGEND

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

**Plan: Plan #1 (Peridot 13 State #2H/1)**

Created By: Russell W. Joyner

Date: 7/18/2012



Weatherford

WFT Plan Report - X & Y's



Company: Devon Energy Date: 7/18/2012 Time: 11 12 14 Page: 1
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well Peridot 13 State #2H, Grid North
Site: Peridot 13 State #2H Vertical (TVD) Reference: SITE 3407.0
Well: Peridot 13 State #2H Section (VS) Reference: Well (0 00N,0 00E,176.18Azi)
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 #2H
Site Position: Northing: 609068.28 ft Latitude: 32 40 26.431 N
From: Map Easting: 634059.36 ft Longitude: 104 1 55.195 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3388.00 ft Grid Convergence: 0.16 deg

Well: Peridot 13 State #2H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 609068.28 ft Latitude: 32 40 26.431 N
+E/-W 0.00 ft Easting: 634059.36 ft Longitude: 104 1 55.195 W
Position Uncertainty: 0.00 ft

Wellpath: 1
Current Datum: SITE Height 3407.00 ft
Magnetic Data: 3/15/2013
Field Strength: 48687 nT
Vertical Section: Depth From (TVD) +N/-S Direction
ft ft deg
0.00 0.00 0.00 176.18

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	176.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7557.04	0.00	176.18	7557.04	0.00	0.00	0.00	0.00	0.00	0.00	
8456.18	89.91	176.18	8130.00	-570.82	38.14	10.00	10.00	0.00	176.18	
15111.73	89.91	176.18	8140.00	-7211.56	481.79	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	Comments
7500.00	0.00	176.18	7500.00	0.00	0.00	0.00	0.00	609068.28	634059.36	
7557.04	0.00	176.18	7557.04	0.00	0.00	0.00	0.00	609068.28	634059.36	KOP
7600.00	4.30	176.18	7599.96	-1.61	0.11	1.61	10.00	609066.67	634059.47	
7650.00	9.30	176.18	7649.59	-7.51	0.50	7.52	10.00	609060.77	634059.86	
7700.00	14.30	176.18	7698.52	-17.70	1.18	17.74	10.00	609050.58	634060.54	
7750.00	19.30	176.18	7746.37	-32.11	2.15	32.19	10.00	609036.17	634061.51	
7800.00	24.30	176.18	7792.78	-50.63	3.38	50.75	10.00	609017.65	634062.74	
7850.00	29.30	176.18	7837.40	-73.12	4.88	73.28	10.00	608995.16	634064.24	
7900.00	34.30	176.18	7879.88	-99.39	6.64	99.62	10.00	608968.89	634066.00	
7950.00	39.30	176.18	7919.91	-129.27	8.64	129.55	10.00	608939.01	634068.00	
8000.00	44.30	176.18	7957.17	-162.51	10.86	162.87	10.00	608905.77	634070.22	
8050.00	49.30	176.18	7991.39	-198.86	13.29	199.30	10.00	608869.42	634072.65	
8100.00	54.30	176.18	8022.31	-238.05	15.90	238.58	10.00	608830.23	634075.26	
8150.00	59.30	176.18	8049.68	-279.78	18.69	280.40	10.00	608788.50	634078.05	
8200.00	64.30	176.18	8073.30	-323.73	21.63	324.45	10.00	608744.55	634080.99	
8250.00	69.30	176.18	8093.00	-369.57	24.69	370.39	10.00	608698.71	634084.05	
8300.00	74.30	176.18	8108.61	-416.95	27.86	417.88	10.00	608651.33	634087.22	



Weatherford WFT Plan Report - X & Y's



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Peridot 13 State #2H
Well: Peridot 13 State #2H
Wellpath: 1

Date: 7/18/2012 Time: 11:12 14 Page: 2
Co-ordinate(NE) Reference: Well: Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407 0
Section (VS) Reference: Well (0.00N,0 00E,176 18Azi)
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
8350.00	79.30	176.18	8120.03	-465.50	31.10	466.54	10.00	608602.78	634090.46	
8400.00	84.30	176.18	8127.16	-514.86	34.40	516.01	10.00	608553.42	634093.76	
8450.00	89.30	176.18	8129.95	-564.66	37.72	565.92	10.00	608503.62	634097.08	
8456.18	89.91	176.18	8130.00	-570.82	38.14	572.10	10.00	608497.46	634097.50	LP
8500.00	89.91	176.18	8130.06	-614.55	41.06	615.92	0.00	608453.73	634100.42	
8600.00	89.91	176.18	8130.21	-714.33	47.72	715.92	0.00	608353.95	634107.08	
8700.00	89.91	176.18	8130.36	-814.10	54.39	815.92	0.00	608254.18	634113.75	
8800.00	89.91	176.18	8130.51	-913.88	61.05	915.92	0.00	608154.40	634120.41	
8900.00	89.91	176.18	8130.66	-1013.66	67.72	1015.92	0.00	608054.62	634127.08	
9000.00	89.91	176.18	8130.81	-1113.44	74.39	1115.92	0.00	607954.84	634133.75	
9100.00	89.91	176.18	8130.96	-1213.21	81.05	1215.92	0.00	607855.07	634140.41	
9200.00	89.91	176.18	8131.12	-1312.99	87.72	1315.92	0.00	607755.29	634147.08	
9300.00	89.91	176.18	8131.27	-1412.77	94.38	1415.92	0.00	607655.51	634153.74	
9400.00	89.91	176.18	8131.42	-1512.55	101.05	1515.92	0.00	607555.73	634160.41	
9500.00	89.91	176.18	8131.57	-1612.32	107.72	1615.92	0.00	607455.96	634167.08	
9600.00	89.91	176.18	8131.72	-1712.10	114.38	1715.92	0.00	607356.18	634173.74	
9700.00	89.91	176.18	8131.87	-1811.88	121.05	1815.92	0.00	607256.40	634180.41	
9800.00	89.91	176.18	8132.02	-1911.65	127.71	1915.92	0.00	607156.63	634187.07	
9900.00	89.91	176.18	8132.17	-2011.43	134.38	2015.92	0.00	607056.85	634193.74	
10000.00	89.91	176.18	8132.32	-2111.21	141.05	2115.92	0.00	606957.07	634200.41	
10100.00	89.91	176.18	8132.47	-2210.99	147.71	2215.92	0.00	606857.29	634207.07	
10200.00	89.91	176.18	8132.62	-2310.76	154.38	2315.92	0.00	606757.52	634213.74	
10300.00	89.91	176.18	8132.77	-2410.54	161.04	2415.92	0.00	606657.74	634220.40	
10400.00	89.91	176.18	8132.92	-2510.32	167.71	2515.92	0.00	606557.96	634227.07	
10500.00	89.91	176.18	8133.07	-2610.10	174.38	2615.92	0.00	606458.18	634233.74	
10600.00	89.91	176.18	8133.22	-2709.87	181.04	2715.92	0.00	606358.41	634240.40	
10700.00	89.91	176.18	8133.37	-2809.65	187.71	2815.92	0.00	606258.63	634247.07	
10800.00	89.91	176.18	8133.52	-2909.43	194.37	2915.92	0.00	606158.85	634253.73	
10900.00	89.91	176.18	8133.67	-3009.21	201.04	3015.92	0.00	606059.07	634260.40	
11000.00	89.91	176.18	8133.82	-3108.98	207.71	3115.91	0.00	605959.30	634267.07	
11100.00	89.91	176.18	8133.97	-3208.76	214.37	3215.91	0.00	605859.52	634273.73	
11200.00	89.91	176.18	8134.12	-3308.54	221.04	3315.91	0.00	605759.74	634280.40	
11300.00	89.91	176.18	8134.27	-3408.32	227.70	3415.91	0.00	605659.96	634287.06	
11400.00	89.91	176.18	8134.42	-3508.09	234.37	3515.91	0.00	605560.19	634293.73	
11500.00	89.91	176.18	8134.57	-3607.87	241.03	3615.91	0.00	605460.41	634300.39	
11600.00	89.91	176.18	8134.72	-3707.65	247.70	3715.91	0.00	605360.63	634307.06	
11700.00	89.91	176.18	8134.87	-3807.43	254.37	3815.91	0.00	605260.85	634313.73	
11800.00	89.91	176.18	8135.02	-3907.20	261.03	3915.91	0.00	605161.08	634320.39	
11900.00	89.91	176.18	8135.17	-4006.98	267.70	4015.91	0.00	605061.30	634327.06	
12000.00	89.91	176.18	8135.32	-4106.76	274.36	4115.91	0.00	604961.52	634333.72	
12100.00	89.91	176.18	8135.47	-4206.54	281.03	4215.91	0.00	604861.74	634340.39	
12200.00	89.91	176.18	8135.62	-4306.31	287.70	4315.91	0.00	604761.97	634347.06	
12300.00	89.91	176.18	8135.77	-4406.09	294.36	4415.91	0.00	604662.19	634353.72	
12400.00	89.91	176.18	8135.92	-4505.87	301.03	4515.91	0.00	604562.41	634360.39	
12500.00	89.91	176.18	8136.07	-4605.65	307.69	4615.91	0.00	604462.63	634367.05	
12600.00	89.91	176.18	8136.23	-4705.42	314.36	4715.91	0.00	604362.86	634373.72	
12700.00	89.91	176.18	8136.38	-4805.20	321.03	4815.91	0.00	604263.08	634380.39	
12800.00	89.91	176.18	8136.53	-4904.98	327.69	4915.91	0.00	604163.30	634387.05	
12900.00	89.91	176.18	8136.68	-5004.76	334.36	5015.91	0.00	604063.52	634393.72	
13000.00	89.91	176.18	8136.83	-5104.53	341.02	5115.91	0.00	603963.75	634400.38	
13100.00	89.91	176.18	8136.98	-5204.31	347.69	5215.91	0.00	603863.97	634407.05	
13200.00	89.91	176.18	8137.13	-5304.09	354.36	5315.91	0.00	603764.19	634413.72	
13300.00	89.91	176.18	8137.28	-5403.87	361.02	5415.91	0.00	603664.41	634420.38	



Weatherford

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Peridot 13 State #2H
Well: Peridot 13 State #2H
Wellpath: 1

Date: 7/18/2012 Time: 11:12:14 Page: 3
Co-ordinate(NE) Reference: Well: Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407 0
Section (VS) Reference: Well (0 00N,0.00E,176 18Azi)
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
13400.00	89.91	176.18	8137.43	-5503.64	367.69	5515.91	0.00	603564.64	634427.05	
13500.00	89.91	176.18	8137.58	-5603.42	374.35	5615.91	0.00	603464.86	634433.71	
13600.00	89.91	176.18	8137.73	-5703.20	381.02	5715.91	0.00	603365.08	634440.38	
13700.00	89.91	176.18	8137.88	-5802.98	387.69	5815.91	0.00	603265.30	634447.05	
13800.00	89.91	176.18	8138.03	-5902.75	394.35	5915.91	0.00	603165.53	634453.71	
13900.00	89.91	176.18	8138.18	-6002.53	401.02	6015.91	0.00	603065.75	634460.38	
14000.00	89.91	176.18	8138.33	-6102.31	407.68	6115.91	0.00	602965.97	634467.04	
14100.00	89.91	176.18	8138.48	-6202.09	414.35	6215.91	0.00	602866.19	634473.71	
14200.00	89.91	176.18	8138.63	-6301.86	421.01	6315.91	0.00	602766.42	634480.37	
14300.00	89.91	176.18	8138.78	-6401.64	427.68	6415.91	0.00	602666.64	634487.04	
14400.00	89.91	176.18	8138.93	-6501.42	434.35	6515.91	0.00	602566.86	634493.71	
14500.00	89.91	176.18	8139.08	-6601.20	441.01	6615.91	0.00	602467.08	634500.37	
14600.00	89.91	176.18	8139.23	-6700.97	447.68	6715.91	0.00	602367.31	634507.04	
14700.00	89.91	176.18	8139.38	-6800.75	454.34	6815.91	0.00	602267.53	634513.70	
14800.00	89.91	176.18	8139.53	-6900.53	461.01	6915.91	0.00	602167.75	634520.37	
14900.00	89.91	176.18	8139.68	-7000.31	467.68	7015.91	0.00	602067.97	634527.04	
15000.00	89.91	176.18	8139.83	-7100.08	474.34	7115.91	0.00	601968.20	634533.70	
15100.00	89.91	176.18	8139.98	-7199.86	481.01	7215.91	0.00	601868.42	634540.37	
15111.73	89.91	176.18	8140.00	-7211.56	481.79	7227.64	0.00	601856.72	634541.15	PBHL

Targets

Name	Description Dip.	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 (6655x50)	0.09	0.00	8140.00	-7211.56	481.79	601856.72	634541.15	32 39 15 057 N	104 1 49 799 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7557.04	7557.04	KOP
8456.18	8130.00	LP
15111.72	8140.00	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle Dip Direction



Weatherford Anticollision Report



Company: Devon Energy Date: 7/18/2012 Time: 08:59:38 Page: 1
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H Co-ordinate(NE) Reference: Well: Peridot 13 State #2H, Grid North
Reference Well: Peridot 13 State #2H Vertical (TVD) Reference: SITE 3407 0
Reference Wellpath: 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 Distance ft	Edge Distance ft	Separation Factor	Warning
Peridot 13 State #1H	Peridot 13 State #1H Lateral V0	Plan: Plan #1	7600.00	7592.58	175.12	141.24	5.17	
Peridot 13 State #1H	Peridot 13 State #1H Pilot V0	Plan: Plan #1	7700.00	7692.52	177.01	142.69	5.16	
Peridot 13 State #5H	Peridot 13 State #5H 1 V0	Plan: Plan #1 V1	14900.00	13605.82	1847.28	1622.56	8.22	
Peridot 13 State #6H	Peridot 13 State #6H 1 V0	Plan: Plan #1 V1	6600.00	6591.00	181.59	152.20	6.18	

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	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	Semi-Major Axis TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
0.00	0.00	6.00	-6.00	0.00	0.01	270.29	0.90	-174.85	174.85	174.85	32013.60	
100.00	100.00	94.00	94.00	0.09	0.09	270.29	0.90	-174.85	174.85	174.68	990.11	
200.00	200.00	194.00	194.00	0.32	0.30	270.29	0.90	-174.85	174.85	174.23	282.88	
300.00	300.00	294.00	294.00	0.54	0.53	270.29	0.90	-174.85	174.85	173.78	163.77	
400.00	400.00	394.00	394.00	0.77	0.75	270.29	0.90	-174.85	174.85	173.34	115.25	
500.00	500.00	494.00	494.00	0.99	0.98	270.29	0.90	-174.85	174.85	172.89	88.91	
600.00	600.00	594.00	594.00	1.21	1.20	270.29	0.90	-174.85	174.85	172.44	72.37	
700.00	700.00	694.00	694.00	1.44	1.43	270.29	0.90	-174.85	174.85	171.99	61.01	
800.00	800.00	794.00	794.00	1.66	1.65	270.29	0.90	-174.85	174.85	171.54	52.74	
900.00	900.00	894.00	894.00	1.89	1.88	270.29	0.90	-174.85	174.85	171.09	46.44	
1000.00	1000.00	994.00	994.00	2.11	2.10	270.29	0.90	-174.85	174.85	170.64	41.49	
1100.00	1100.00	1094.00	1094.00	2.34	2.33	270.29	0.90	-174.85	174.85	170.19	37.49	
1200.00	1200.00	1194.00	1194.00	2.56	2.55	270.29	0.90	-174.85	174.85	169.74	34.19	
1300.00	1300.00	1294.00	1294.00	2.79	2.77	270.29	0.90	-174.85	174.85	169.29	31.43	
1400.00	1400.00	1394.00	1394.00	3.01	3.00	270.29	0.90	-174.85	174.85	168.84	29.08	
1500.00	1500.00	1494.00	1494.00	3.24	3.22	270.29	0.90	-174.85	174.85	168.39	27.06	
1600.00	1600.00	1594.00	1594.00	3.46	3.45	270.29	0.90	-174.85	174.85	167.94	25.30	
1700.00	1700.00	1694.00	1694.00	3.69	3.67	270.29	0.90	-174.85	174.85	167.49	23.75	
1800.00	1800.00	1794.00	1794.00	3.91	3.90	270.29	0.90	-174.85	174.85	167.04	22.39	
1900.00	1900.00	1894.00	1894.00	4.14	4.12	270.29	0.90	-174.85	174.85	166.59	21.17	
2000.00	2000.00	1994.00	1994.00	4.36	4.35	270.29	0.90	-174.85	174.85	166.14	20.08	
2100.00	2100.00	2094.00	2094.00	4.59	4.57	270.29	0.90	-174.85	174.85	165.69	19.09	
2200.00	2200.00	2194.00	2194.00	4.81	4.80	270.29	0.90	-174.85	174.85	165.24	18.20	
2300.00	2300.00	2294.00	2294.00	5.04	5.02	270.29	0.90	-174.85	174.85	164.79	17.38	
2400.00	2400.00	2394.00	2394.00	5.26	5.25	270.29	0.90	-174.85	174.85	164.34	16.64	
2500.00	2500.00	2494.00	2494.00	5.49	5.47	270.29	0.90	-174.85	174.85	163.89	15.96	
2600.00	2600.00	2594.00	2594.00	5.71	5.70	270.29	0.90	-174.85	174.85	163.45	15.33	
2700.00	2700.00	2694.00	2694.00	5.93	5.92	270.29	0.90	-174.85	174.85	163.00	14.75	
2800.00	2800.00	2794.00	2794.00	6.16	6.15	270.29	0.90	-174.85	174.85	162.55	14.21	
2900.00	2900.00	2894.00	2894.00	6.38	6.37	270.29	0.90	-174.85	174.85	162.10	13.71	
3000.00	3000.00	2994.00	2994.00	6.61	6.60	270.29	0.90	-174.85	174.85	161.65	13.24	
3100.00	3100.00	3094.00	3094.00	6.83	6.82	270.29	0.90	-174.85	174.85	161.20	12.81	
3200.00	3200.00	3194.00	3194.00	7.06	7.05	270.29	0.90	-174.85	174.85	160.75	12.40	
3300.00	3300.00	3294.00	3294.00	7.28	7.27	270.29	0.90	-174.85	174.85	160.30	12.01	
3400.00	3400.00	3394.00	3394.00	7.51	7.49	270.29	0.90	-174.85	174.85	159.85	11.65	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Pendot 13 State #2H
Reference Well: Pendot 13 State #2H
Reference Wellpath:
Date: 7/18/2012
Time: 08 59 38
Page: 2
Co-ordinate(NE) Reference: Well Pendot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407.0
Db: Sybase

Site: Pendot 13 State #1H
Well: Pendot 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	3494.00	3494.00	7 73	7.72	270.29	0.90	-174.85	174.85	159.40	11.32	
3600.00	3600.00	3594.00	3594.00	7.96	7.94	270.29	0.90	-174.85	174.85	158.95	11.00	
3700.00	3700.00	3694.00	3694.00	8 18	8 17	270.29	0.90	-174.85	174.85	158.50	10.69	
3800.00	3800.00	3794.00	3794.00	8 41	8 39	270.29	0.90	-174.85	174.85	158.05	10.41	
3900.00	3900.00	3894.00	3894.00	8 63	8 62	270.29	0.90	-174.85	174.85	157.60	10.14	
4000.00	4000.00	3994.00	3994.00	8.86	8.84	270.29	0.90	-174.85	174.85	157.15	9.88	
4100.00	4100.00	4094.00	4094.00	9.08	9.07	270.29	0.90	-174.85	174.85	156.70	9.63	
4200.00	4200.00	4194.00	4194.00	9.31	9.29	270.29	0.90	-174.85	174.85	156.25	9.40	
4300.00	4300.00	4294.00	4294.00	9.53	9.52	270.29	0.90	-174.85	174.85	155.80	9.18	
4400.00	4400.00	4394.00	4394.00	9.76	9 74	270.29	0.90	-174.85	174.85	155.35	8.97	
4500.00	4500.00	4494.00	4494.00	9 98	9 97	270.29	0.90	-174.85	174.85	154.90	8.77	
4600.00	4600.00	4594.00	4594.00	10.21	10 19	270.29	0.90	-174.85	174.85	154.45	8.57	
4700.00	4700.00	4694.00	4694.00	10.43	10 42	270.29	0.90	-174.85	174.85	154.01	8.39	
4800.00	4800.00	4794.00	4794.00	10.66	10 64	270.29	0.90	-174.85	174.85	153.56	8.21	
4900.00	4900.00	4894.00	4894.00	10.88	10 87	270.29	0.90	-174.85	174.85	153.11	8.04	
5000.00	5000.00	4994.00	4994.00	11 10	11 09	270.29	0.90	-174.85	174.85	152.66	7.88	
5100.00	5100.00	5094.00	5094.00	11 33	11 32	270.29	0.90	-174.85	174.85	152.21	7.72	
5200.00	5200.00	5194.00	5194.00	11.55	11 54	270.29	0.90	-174.85	174.85	151.76	7.57	
5300.00	5300.00	5294.00	5294.00	11.78	11 77	270.29	0.90	-174.85	174.85	151.31	7.43	
5400.00	5400.00	5394.00	5394.00	12 00	11 99	270.29	0.90	-174.85	174.85	150.86	7.29	
5500.00	5500.00	5494.00	5494.00	12 23	12 21	270.29	0.90	-174.85	174.85	150.41	7.15	
5600.00	5600.00	5594.00	5594.00	12 45	12 44	270.29	0.90	-174.85	174.85	149.96	7.02	
5700.00	5700.00	5694.00	5694.00	12 68	12 66	270.29	0.90	-174.85	174.85	149.51	6.90	
5800.00	5800.00	5794.00	5794.00	12.90	12 89	270.29	0.90	-174.85	174.85	149.06	6.78	
5900.00	5900.00	5894.00	5894.00	13.13	13.11	270.29	0.90	-174.85	174.85	148.61	6.66	
6000.00	6000.00	5994.00	5994.00	13 35	13.34	270.29	0.90	-174.85	174.85	148.16	6.55	
6100.00	6100.00	6094.00	6094.00	13.58	13 56	270.29	0.90	-174.85	174.85	147.71	6.44	
6200.00	6200.00	6194.00	6194.00	13.80	13 79	270.29	0.90	-174.85	174.85	147.26	6.34	
6300.00	6300.00	6294.00	6294.00	14 03	14 01	270.29	0.90	-174.85	174.85	146.81	6.24	
6400.00	6400.00	6394.00	6394.00	14 25	14 24	270.29	0.90	-174.85	174.85	146.36	6.14	
6500.00	6500.00	6494.00	6494.00	14.48	14 46	270.29	0.90	-174.85	174.85	145.91	6.04	
6600.00	6600.00	6594.00	6594.00	14 70	14.69	270.29	0.90	-174.85	174.85	145.46	5.95	
6700.00	6700.00	6694.00	6694.00	14 93	14 91	270.29	0.90	-174.85	174.85	145.01	5.86	
6800.00	6800.00	6794.00	6794.00	15 15	15 14	270.29	0.90	-174.85	174.85	144.57	5.77	
6900.00	6900.00	6894.00	6894.00	15.38	15 36	270.29	0.90	-174.85	174.85	144.12	5.69	
7000.00	7000.00	6994.00	6994.00	15.60	15 59	270.29	0.90	-174.85	174.85	143.67	5.61	
7100.00	7100.00	7094.00	7094.00	15.82	15 81	270.29	0.90	-174.85	174.85	143.22	5.53	
7200.00	7200.00	7194.00	7194.00	16 05	16.04	270.29	0.90	-174.85	174.85	142.77	5.45	
7300.00	7300.00	7294.00	7294.00	16 27	16.26	270.29	0.90	-174.85	174.85	142.32	5.37	
7400.00	7400.00	7394.00	7394.00	16 50	16.49	270.29	0.90	-174.85	174.85	141.87	5.30	
7500.00	7500.00	7494.00	7494.00	16 72	16 71	270.29	0.90	-174.85	174.85	141.42	5.23	
7600.00	7599.96	7592.58	7592.56	16 95	16.93	94.24	-0.19	-175.00	175.12	141.24	5.17	
7700.00	7698.52	7688.83	7687.67	17 18	17 16	94.46	-14.05	-176.91	178.20	143.87	5.19	
7800.00	7792.78	7785.15	7779.17	17 43	17 39	94.54	-43.49	-180.97	184.65	149.84	5.30	
7900.00	7879.88	7881.49	7864.43	17 72	17 67	94.45	-87.70	-187.07	194.29	158.93	5.49	
8000.00	7957.17	7977.87	7941.04	18.08	17 99	94.18	-145.44	-195.03	206.84	170.80	5.74	
8100.00	8022.31	8074.35	8006.88	18 54	18 41	93.73	-215.15	-204.64	221.93	185.02	6.01	
8200.00	8073.30	8171.04	8060.09	19.12	18 93	93.12	-294.98	-215.65	239.12	201.09	6.29	
8300.00	8108.61	8268.11	8099.13	19.84	19 57	92.37	-382.90	-227.77	257.91	218.51	6.55	
8400.00	8127.16	8365.79	8122.75	20 69	20.34	91.51	-476.67	-240.70	277.74	236.72	6.77	
8500.00	8130.06	8464.29	8129.98	21.65	21 22	91.18	-573.86	-254.11	298.01	255.15	6.95	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H
Reference Well: Peridot 13 State #2H
Reference Wellpath:

Date: 7/18/2012 Time: 08 59 38 Page: 3
Co-ordinate(NE) Reference: Well. Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407 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 ft	TVD ft	MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft	Distance ft	Distance ft	Factor	
8600.00	8130.21	8562.22	8129.69	22.72	22.20	91.02	-670.88	-267.48	318.23	273.32	7.09	
8700.00	8130.36	8660.15	8129.39	23.88	23.26	90.89	-767.89	-280.86	338.46	291.31	7.18	
8800.00	8130.51	8758.08	8129.10	25.13	24.41	90.77	-864.90	-294.24	358.68	309.14	7.24	
8900.00	8130.66	8856.01	8128.81	26.45	25.63	90.66	-961.91	-307.62	378.91	326.83	7.28	
9000.00	8130.81	8953.94	8128.52	27.83	26.91	90.56	-1058.93	-320.99	399.14	344.40	7.29	
9100.00	8130.96	9051.87	8128.22	29.26	28.25	90.47	-1155.94	-334.37	419.37	361.86	7.29	
9200.00	8131.12	9149.80	8127.93	30.74	29.63	90.39	-1252.95	-347.75	439.59	379.23	7.28	
9300.00	8131.27	9247.73	8127.64	32.26	31.04	90.32	-1349.96	-361.13	459.82	396.52	7.26	
9400.00	8131.42	9345.66	8127.35	33.81	32.50	90.25	-1446.98	-374.50	480.06	413.75	7.24	
9500.00	8131.57	9443.59	8127.06	35.39	33.98	90.19	-1543.99	-387.88	500.29	430.91	7.21	
9600.00	8131.72	9541.52	8126.76	37.00	35.49	90.14	-1641.00	-401.26	520.52	448.03	7.18	
9700.00	8131.87	9639.45	8126.47	38.63	37.03	90.08	-1738.01	-414.63	540.75	465.10	7.15	
9800.00	8132.02	9737.38	8126.18	40.28	38.58	90.03	-1835.02	-428.01	560.98	482.12	7.11	
9900.00	8132.17	9835.32	8125.89	41.94	40.16	89.99	-1932.04	-441.39	581.22	499.12	7.08	
10000.00	8132.32	9933.25	8125.59	43.63	41.74	89.95	-2029.05	-454.77	601.45	516.08	7.05	
10100.00	8132.47	10031.18	8125.30	45.32	43.35	89.91	-2126.06	-468.14	621.68	533.02	7.01	
10200.00	8132.62	10129.11	8125.01	47.03	44.96	89.87	-2223.07	-481.52	641.92	549.93	6.98	
10300.00	8132.77	10227.04	8124.72	48.75	46.59	89.84	-2320.09	-494.90	662.15	566.82	6.95	
10400.00	8132.92	10324.97	8124.42	50.48	48.23	89.80	-2417.10	-508.28	682.39	583.69	6.91	
10500.00	8133.07	10422.90	8124.13	52.22	49.87	89.77	-2514.11	-521.65	702.62	600.54	6.88	
10600.00	8133.22	10520.83	8123.84	53.96	51.53	89.74	-2611.12	-535.03	722.86	617.37	6.85	
10700.00	8133.37	10618.76	8123.55	55.71	53.19	89.72	-2708.13	-548.41	743.09	634.19	6.82	
10800.00	8133.52	10716.69	8123.25	57.47	54.86	89.69	-2805.15	-561.79	763.33	651.00	6.80	
10900.00	8133.67	10814.62	8122.96	59.24	56.53	89.67	-2902.16	-575.16	783.56	667.79	6.77	
11000.00	8133.82	10912.55	8122.67	61.01	58.21	89.64	-2999.17	-588.54	803.80	684.58	6.74	
11100.00	8133.97	11010.48	8122.38	62.79	59.90	89.62	-3096.18	-601.92	824.03	701.35	6.72	
11200.00	8134.12	11108.41	8122.08	64.57	61.59	89.60	-3193.20	-615.30	844.27	718.12	6.69	
11300.00	8134.27	11206.35	8121.79	66.35	63.29	89.58	-3290.21	-628.67	864.51	734.87	6.67	
11400.00	8134.42	11304.28	8121.50	68.14	64.99	89.56	-3387.22	-642.05	884.74	751.62	6.65	
11500.00	8134.57	11402.21	8121.21	69.93	66.69	89.54	-3484.23	-655.43	904.98	768.36	6.62	
11600.00	8134.72	11500.14	8120.92	71.73	68.40	89.52	-3581.25	-668.80	925.21	785.09	6.60	
11700.00	8134.87	11598.07	8120.62	73.53	70.11	89.51	-3678.26	-682.18	945.45	801.82	6.58	
11800.00	8135.02	11696.00	8120.33	75.33	71.82	89.49	-3775.27	-695.56	965.69	818.54	6.56	
11900.00	8135.17	11793.93	8120.04	77.13	73.54	89.48	-3872.28	-708.94	985.92	835.26	6.54	
12000.00	8135.32	11891.86	8119.75	78.94	75.25	89.46	-3969.29	-722.31	1006.16	851.97	6.53	
12100.00	8135.47	11989.79	8119.45	80.75	76.98	89.45	-4066.31	-735.69	1026.40	868.68	6.51	
12200.00	8135.62	12087.72	8119.16	82.56	78.70	89.43	-4163.32	-749.07	1046.63	885.38	6.49	
12300.00	8135.77	12185.65	8118.87	84.37	80.42	89.42	-4260.33	-762.45	1066.87	902.08	6.47	
12400.00	8135.92	12283.58	8118.58	86.19	82.15	89.41	-4357.34	-775.82	1087.11	918.78	6.46	
12500.00	8136.07	12381.51	8118.28	88.00	83.88	89.39	-4454.36	-789.20	1107.34	935.47	6.44	
12600.00	8136.23	12479.44	8117.99	89.82	85.61	89.38	-4551.37	-802.58	1127.58	952.16	6.43	
12700.00	8136.38	12577.38	8117.70	91.64	87.34	89.37	-4648.38	-815.96	1147.82	968.84	6.41	
12800.00	8136.53	12675.31	8117.41	93.46	89.08	89.36	-4745.39	-829.33	1168.05	985.52	6.40	
12900.00	8136.68	12773.24	8117.11	95.29	90.81	89.35	-4842.41	-842.71	1188.29	1002.20	6.39	
13000.00	8136.83	12871.17	8116.82	97.11	92.55	89.34	-4939.42	-856.09	1208.53	1018.88	6.37	
13100.00	8136.98	12969.10	8116.53	98.94	94.29	89.33	-5036.43	-869.47	1228.76	1035.55	6.36	
13200.00	8137.13	13067.03	8116.24	100.76	96.03	89.32	-5133.44	-882.84	1249.00	1052.22	6.35	
13300.00	8137.28	13164.96	8115.95	102.59	97.77	89.31	-5230.45	-896.22	1269.24	1068.89	6.34	
13400.00	8137.43	13262.89	8115.65	104.42	99.51	89.30	-5327.47	-909.60	1289.47	1085.56	6.32	
13500.00	8137.58	13360.82	8115.36	106.25	101.25	89.29	-5424.48	-922.97	1309.71	1102.22	6.31	
13600.00	8137.73	13458.75	8115.07	108.08	103.00	89.28	-5521.49	-936.35	1329.95	1118.89	6.30	



Weatherford Anticollision Report



Company: Devon Energy Date: 7/18/2012 Time: 08:59:38 Page: 4
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H Co-ordinate(NE) Reference: Well Peridot 13 State #2H, Grd North
Reference Well: Peridot 13 State #2H Vertical (TVD) Reference: SITE 3407 0
Reference Wellpath: 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	TVD	Offset MD	TVD	Semi-Major Axis Ref	Offset	TFO-HS	Offset Location North	East	Ctr-Ctr Distance	Edge Distance	Separation Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
13700.00	8137.88	13556.68	8114.78	109.91	104.74	89.28	-5618.50	-949.73	1350.19	1135.55	6.29	
13800.00	8138.03	13654.61	8114.48	111.74	106.49	89.27	-5715.52	-963.11	1370.42	1152.21	6.28	
13900.00	8138.18	13752.54	8114.19	113.58	108.23	89.26	-5812.53	-976.48	1390.66	1168.87	6.27	
14000.00	8138.33	13850.47	8113.90	115.41	109.98	89.25	-5909.54	-989.86	1410.90	1185.52	6.26	
14100.00	8138.48	13948.41	8113.61	117.25	111.73	89.25	-6006.55	-1003.24	1431.13	1202.18	6.25	
14200.00	8138.63	14046.34	8113.31	119.08	113.48	89.24	-6103.57	-1016.62	1451.37	1218.83	6.24	
14300.00	8138.78	14144.27	8113.02	120.92	115.23	89.23	-6200.58	-1029.99	1471.61	1235.48	6.23	
14400.00	8138.93	14242.20	8112.73	122.75	116.98	89.23	-6297.59	-1043.37	1491.85	1252.13	6.22	
14500.00	8139.08	14340.13	8112.44	124.59	118.73	89.22	-6394.60	-1056.75	1512.08	1268.78	6.21	
14600.00	8139.23	14438.06	8112.14	126.43	120.48	89.21	-6491.61	-1070.13	1532.32	1285.43	6.21	
14700.00	8139.38	14535.99	8111.85	128.27	122.23	89.21	-6588.63	-1083.50	1552.56	1302.08	6.20	
14800.00	8139.53	14633.92	8111.56	130.11	123.99	89.20	-6685.64	-1096.88	1572.80	1318.73	6.19	
14900.00	8139.68	14731.85	8111.27	131.95	125.74	89.19	-6782.65	-1110.26	1593.03	1335.37	6.18	

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	TVD	Offset MD	TVD	Semi-Major Axis Ref	Offset	TFO-HS	Offset Location North	East	Ctr-Ctr Distance	Edge Distance	Separation Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
0 00	0 00	6.00	-6 00	0 00	0 01	270.29	0 90	-174.85	174.85	174.85	32013.60	
100 00	100.00	94 00	94 00	0 09	0 09	270.29	0 90	-174.85	174.85	174.68	990.11	
200 00	200.00	194 00	194 00	0 32	0 30	270.29	0 90	-174.85	174.85	174.23	282.88	
300 00	300.00	294 00	294 00	0 54	0 53	270.29	0 90	-174.85	174.85	173.78	163.77	
400 00	400.00	394 00	394 00	0 77	0 75	270.29	0 90	-174.85	174.85	173.34	115.25	
500 00	500.00	494 00	494 00	0 99	0 98	270.29	0 90	-174.85	174.85	172.89	88.91	
600 00	600.00	594 00	594 00	1 21	1 20	270.29	0 90	-174.85	174.85	172.44	72.37	
700 00	700.00	694 00	694 00	1 44	1 43	270.29	0 90	-174.85	174.85	171.99	61.01	
800 00	800.00	794 00	794 00	1 66	1 65	270.29	0 90	-174.85	174.85	171.54	52.74	
900 00	900.00	894 00	894 00	1 89	1 88	270.29	0 90	-174.85	174.85	171.09	46.44	
1000 00	1000.00	994 00	994 00	2 11	2 10	270.29	0 90	-174.85	174.85	170.64	41.49	
1100 00	1100.00	1094 00	1094 00	2 34	2 33	270.29	0 90	-174.85	174.85	170.19	37.49	
1200 00	1200.00	1194 00	1194 00	2 56	2 55	270.29	0 90	-174.85	174.85	169.74	34.19	
1300 00	1300.00	1294 00	1294 00	2 79	2 77	270.29	0 90	-174.85	174.85	169.29	31.43	
1400 00	1400.00	1394 00	1394 00	3 01	3 00	270.29	0 90	-174.85	174.85	168.84	29.08	
1500 00	1500.00	1494 00	1494 00	3 24	3 22	270.29	0 90	-174.85	174.85	168.39	27.06	
1600 00	1600.00	1594 00	1594 00	3 46	3 45	270.29	0 90	-174.85	174.85	167.94	25.30	
1700 00	1700.00	1694 00	1694 00	3 69	3 67	270.29	0 90	-174.85	174.85	167.49	23.75	
1800 00	1800.00	1794 00	1794 00	3 91	3 90	270.29	0 90	-174.85	174.85	167.04	22.39	
1900 00	1900.00	1894 00	1894 00	4 14	4 12	270.29	0 90	-174.85	174.85	166.59	21.17	
2000 00	2000.00	1994 00	1994 00	4 36	4 35	270.29	0 90	-174.85	174.85	166.14	20.08	
2100 00	2100.00	2094 00	2094 00	4 59	4 57	270.29	0 90	-174.85	174.85	165.69	19.09	
2200 00	2200.00	2194 00	2194 00	4 81	4 80	270.29	0 90	-174.85	174.85	165.24	18.20	
2300 00	2300.00	2294 00	2294 00	5 04	5 02	270.29	0 90	-174.85	174.85	164.79	17.38	
2400 00	2400.00	2394 00	2394 00	5 26	5 25	270.29	0 90	-174.85	174.85	164.34	16.64	
2500 00	2500.00	2494 00	2494 00	5 49	5 47	270.29	0 90	-174.85	174.85	163.89	15.96	
2600 00	2600.00	2594 00	2594 00	5 71	5 70	270.29	0 90	-174.85	174.85	163.45	15.33	
2700 00	2700.00	2694 00	2694 00	5 93	5 92	270.29	0 90	-174.85	174.85	163.00	14.75	
2800 00	2800.00	2794 00	2794 00	6 16	6 15	270.29	0 90	-174.85	174.85	162.55	14.21	
2900 00	2900.00	2894 00	2894 00	6 38	6 37	270.29	0 90	-174.85	174.85	162.10	13.71	
3000 00	3000.00	2994 00	2994 00	6 61	6 60	270.29	0 90	-174.85	174.85	161.65	13.24	
3100 00	3100.00	3094 00	3094 00	6 83	6 82	270.29	0 90	-174.85	174.85	161.20	12.81	



Weatherford Anticollision Report



Weatherford

Company: Devon Energy Date: 7/18/2012 Time: 08:59:38 Page: 5
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H Co-ordinate(NE) Reference: Well: Peridot 13 State #2H, Grid North
Reference Well: Peridot 13 State #2H Vertical (TVD) Reference: SITE 3407 0
Reference Wellpath: 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		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		
3200.00	3200.00	3194.00	3194.00	7 06	7 05	270 29	0 90	-174 85	174 85	160 75	12.40	
3300.00	3300.00	3294.00	3294.00	7 28	7 27	270 29	0 90	-174 85	174 85	160 30	12.01	
3400.00	3400.00	3394.00	3394.00	7.51	7 49	270 29	0 90	-174 85	174 85	159 85	11.65	
3500.00	3500.00	3494.00	3494.00	7 73	7.72	270 29	0 90	-174 85	174 85	159.40	11.32	
3600.00	3600.00	3594.00	3594.00	7.96	7.94	270 29	0 90	-174 85	174.85	158.95	11.00	
3700.00	3700.00	3694.00	3694.00	8 18	8.17	270 29	0 90	-174.85	174.85	158.50	10.69	
3800.00	3800.00	3794.00	3794.00	8 41	8.39	270 29	0 90	-174.85	174.85	158 05	10.41	
3900.00	3900.00	3894.00	3894.00	8.63	8 62	270 29	0 90	-174 85	174.85	157.60	10 14	
4000.00	4000.00	3994.00	3994.00	8 86	8 84	270 29	0 90	-174.85	174.85	157.15	9 88	
4100.00	4100.00	4094.00	4094.00	9 08	9 07	270 29	0 90	-174 85	174.85	156.70	9 63	
4200.00	4200.00	4194.00	4194.00	9.31	9 29	270 29	0 90	-174 85	174.85	156.25	9 40	
4300.00	4300.00	4294.00	4294.00	9 53	9.52	270 29	0 90	-174 85	174 85	155.80	9 18	
4400.00	4400.00	4394.00	4394.00	9.76	9 74	270 29	0 90	-174.85	174.85	155 35	8.97	
4500.00	4500.00	4494.00	4494.00	9 98	9 97	270 29	0 90	-174.85	174 85	154.90	8 77	
4600.00	4600.00	4594.00	4594.00	10.21	10.19	270 29	0 90	-174.85	174 85	154 45	8.57	
4700.00	4700.00	4694.00	4694.00	10.43	10.42	270 29	0 90	-174.85	174.85	154 01	8 39	
4800.00	4800.00	4794.00	4794.00	10.66	10.64	270 29	0 90	-174.85	174.85	153 56	8 21	
4900.00	4900.00	4894.00	4894.00	10.88	10.87	270 29	0 90	-174.85	174.85	153 11	8 04	
5000.00	5000.00	4994.00	4994.00	11.10	11.09	270 29	0 90	-174.85	174 85	152 66	7.88	
5100.00	5100.00	5094.00	5094.00	11.33	11.32	270 29	0 90	-174 85	174 85	152 21	7 72	
5200.00	5200.00	5194.00	5194.00	11.55	11.54	270 29	0 90	-174.85	174 85	151 76	7.57	
5300.00	5300.00	5294.00	5294.00	11.78	11.77	270 29	0 90	-174 85	174.85	151 31	7.43	
5400.00	5400.00	5394.00	5394.00	12.00	11.99	270 29	0 90	-174 85	174.85	150 86	7.29	
5500.00	5500.00	5494.00	5494.00	12.23	12.21	270 29	0 90	-174 85	174 85	150 41	7 15	
5600.00	5600.00	5594.00	5594.00	12 45	12.44	270 29	0 90	-174 85	174 85	149.96	7 02	
5700.00	5700.00	5694.00	5694.00	12 68	12 66	270 29	0 90	-174.85	174 85	149 51	6 90	
5800.00	5800.00	5794.00	5794.00	12 90	12 89	270 29	0 90	-174.85	174 85	149 06	6.78	
5900.00	5900.00	5894.00	5894.00	13 13	13 11	270 29	0 90	-174 85	174 85	148.61	6 66	
6000.00	6000.00	5994.00	5994.00	13 35	13.34	270 29	0 90	-174 85	174.85	148 16	6.55	
6100.00	6100.00	6094.00	6094.00	13 58	13 56	270 29	0 90	-174.85	174 85	147 71	6.44	
6200.00	6200.00	6194.00	6194.00	13.80	13 79	270 29	0 90	-174.85	174 85	147 26	6.34	
6300.00	6300.00	6294.00	6294.00	14.03	14 01	270 29	0 90	-174.85	174.85	146 81	6 24	
6400.00	6400.00	6394.00	6394.00	14 25	14.24	270 29	0 90	-174.85	174.85	146 36	6.14	
6500.00	6500.00	6494.00	6494.00	14.48	14.46	270 29	0 90	-174 85	174 85	145 91	6 04	
6600.00	6600.00	6594.00	6594.00	14.70	14.69	270 29	0 90	-174 85	174.85	145 46	5 95	
6700.00	6700.00	6694.00	6694.00	14.93	14 91	270 29	0 90	-174.85	174 85	145 01	5 86	
6800.00	6800.00	6794.00	6794.00	15.15	15.14	270 29	0 90	-174.85	174 85	144 57	5 77	
6900.00	6900.00	6894.00	6894.00	15.38	15.36	270 29	0 90	-174 85	174 85	144 12	5.69	
7000.00	7000.00	6994.00	6994.00	15.60	15.59	270 29	0 90	-174.85	174.85	143 67	5 61	
7100.00	7100.00	7094.00	7094.00	15 82	15.81	270 29	0 90	-174 85	174 85	143 22	5.53	
7200.00	7200.00	7194.00	7194.00	16.05	16 04	270 29	0 90	-174.85	174 85	142 77	5.45	
7300.00	7300.00	7294.00	7294.00	16.27	16.26	270 29	0 90	-174.85	174 85	142 32	5.37	
7400.00	7400.00	7394.00	7394.00	16.50	16.49	270 29	0 90	-174.85	174.85	141 87	5.30	
7500.00	7500.00	7494.00	7494.00	16.72	16.71	270 29	0 90	-174.85	174 85	141.42	5 23	
7600.00	7599.96	7593.96	7593.96	16 95	16.93	94.63	0 90	-174.85	174 98	141 09	5 16	
7700.00	7698.52	7692.52	7692.52	17.18	17.16	99 56	0 90	-174 85	177 01	142 69	5 16	
7800.00	7792.78	7786.78	7786.78	17.43	17.37	108.30	0 90	-174.85	185 53	150 84	5 35	
7900.00	7879.88	7873.88	7873.88	17.72	17 56	117 98	0 90	-174 85	207.36	172 55	5 96	
8000.00	7957 17	7951.17	7951 17	18.08	17.74	125 75	0 90	-174 85	247.36	212 72	7 14	
8100.00	8022 31	8016 31	8016 31	18.54	17 88	130.04	0 90	-174 85	305.75	271 36	8 89	
8200.00	8073.30	8067 30	8067 30	19.12	18.00	129.97	0 90	-174 85	379.46	344.94	10 99	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Pendot 13 State #2H
Reference Well: Pendot 13 State #2H
Reference Wellpath:
Date: 7/18/2012
Time: 08 59.38
Page: 6
Co-ordinate(NE) Reference: Well: Pendot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407 0
Db: Sybase

Site: Pendot 13 State #1H
Well: Pendot 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 Distance ft	Edge Distance ft	Separation Factor	Warning
		MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
8300.00	8108.61	8102.61	8102.61	19.84	18 08	123.74	0.90	-174.85	464.42	428.78	13.03	
8400.00	8127.16	8121.16	8121.16	20.69	18.12	106.76	0.90	-174.85	556.59	518.44	14.59	
8500.00	8130.06	8124.06	8124.06	21.65	18 13	90 31	0.90	-174.85	652.22	612.44	16.40	
8600.00	8130.21	8124.21	8124.21	22.72	18 13	90 36	0.90	-174.85	749.06	708.21	18.34	
8700.00	8130.36	8124.36	8124.36	23.88	18 13	90 41	0.90	-174.85	846.63	804.62	20.15	
8800.00	8130.51	8124.51	8124.51	25.13	18.13	90.46	0.90	-174.85	944.71	901.45	21.84	
8900.00	8130.66	8124.66	8124.66	26.45	18.13	90.51	0.90	-174.85	1043.15	998.58	23.40	
9000.00	8130.81	8124.81	8124.81	27.83	18.13	90.56	0.90	-174.85	1141.87	1095.91	24.85	
9100.00	8130.96	8124.96	8124.96	29.26	18 13	90 61	0.90	-174.85	1240.79	1193.40	26.18	
9200.00	8131.12	8125.12	8125.12	30.74	18 13	90 66	0.90	-174.85	1339.87	1291.00	27.42	
9300.00	8131.27	8125.27	8125.27	32.26	18 13	90 71	0.90	-174.85	1439.08	1388.69	28.56	
9400.00	8131.42	8125.42	8125.42	33.81	18 13	90 75	0.90	-174.85	1538.39	1486.45	29.62	
9500.00	8131.57	8125.57	8125.57	35.39	18.13	90 80	0.90	-174.85	1637.78	1584.26	30.60	
9600.00	8131.72	8125.72	8125.72	37.00	18 13	90 85	0.90	-174.85	1737.25	1682.12	31.51	
9700.00	8131.87	8125.87	8125.87	38.63	18 13	90 90	0.90	-174.85	1836.77	1780.01	32.36	
9800.00	8132.02	8126.02	8126.02	40.28	18.13	90.95	0.90	-174.85	1936.34	1877.94	33.15	
9900.00	8132.17	8126.17	8126.17	41.94	18.13	91.00	0.90	-174.85	2035.95	1975.88	33.89	
10000.00	8132.32	8126.32	8126.32	43.63	18.13	91.05	0.90	-174.85	2135.60	2073.85	34.58	
10100.00	8132.47	8126.47	8126.47	45.32	18.13	91 10	0.90	-174.85	2235.28	2171.84	35.23	
10200.00	8132.62	8126.62	8126.62	47.03	18.13	91.15	0.90	-174.85	2334.99	2269.84	35.84	
10300.00	8132.77	8126.77	8126.77	48.75	18 13	91 20	0.90	-174.85	2434.72	2367.85	36.41	
10400.00	8132.92	8126.92	8126.92	50.48	18 13	91 25	0.90	-174.85	2534.48	2465.88	36.95	
10500.00	8133.07	8127.07	8127.07	52.22	18 13	91 30	0.90	-174.85	2634.25	2563.91	37.45	
10600.00	8133.22	8127.22	8127.22	53.96	18 13	91 35	0.90	-174.85	2734.04	2661.95	37.93	
10700.00	8133.37	8127.37	8127.37	55.71	18 13	91 40	0.90	-174.85	2833.84	2760.01	38.38	
10800.00	8133.52	8127.52	8127.52	57.47	18 13	91 45	0.90	-174.85	2933.66	2858.06	38.81	
10900.00	8133.67	8127.67	8127.67	59.24	18.13	91 49	0.90	-174.85	3033.49	2956.13	39.21	
11000.00	8133.82	8127.82	8127.82	61.01	18 13	91 54	0.90	-174.85	3133.33	3054.20	39.60	
11100.00	8133.97	8127.97	8127.97	62.79	18 14	91.59	0.90	-174.85	3233.18	3152.27	39.96	
11200.00	8134.12	8128.12	8128.12	64.57	18.14	91 64	0.90	-174.85	3333.03	3250.35	40.31	
11300.00	8134.27	8128.27	8128.27	66.35	18.14	91 69	0.90	-174.85	3432.90	3348.44	40.64	
11400.00	8134.42	8128.42	8128.42	68.14	18.14	91 74	0.90	-174.85	3532.78	3446.53	40.96	
11500.00	8134.57	8128.57	8128.57	69.93	18.14	91 79	0.90	-174.85	3632.66	3544.62	41.26	
11600.00	8134.72	8128.72	8128.72	71.73	18 14	91 84	0.90	-174.85	3732.54	3642.71	41.55	
11700.00	8134.87	8128.87	8128.87	73.53	18 14	91.89	0.90	-174.85	3832.44	3740.81	41.83	
11800.00	8135.02	8129.02	8129.02	75.33	18 14	91.94	0.90	-174.85	3932.34	3838.91	42.09	
11900.00	8135.17	8129.17	8129.17	77.13	18 14	91.99	0.90	-174.85	4032.24	3937.01	42.34	
12000.00	8135.32	8129.32	8129.32	78.94	18 14	92 04	0.90	-174.85	4132.15	4035.11	42.58	
12100.00	8135.47	8129.47	8129.47	80.75	18 14	92.09	0.90	-174.85	4232.06	4133.22	42.82	
12200.00	8135.62	8129.62	8129.62	82.56	18 14	92.14	0.90	-174.85	4331.98	4231.33	43.04	
12300.00	8135.77	8129.77	8129.77	84.37	18 14	92.19	0.90	-174.85	4431.90	4329.44	43.25	
12400.00	8135.92	8129.92	8129.92	86.19	18 14	92 23	0.90	-174.85	4531.82	4427.55	43.46	
12500.00	8136.07	8130.07	8130.07	88.00	18 14	92.28	0.90	-174.85	4631.75	4525.67	43.66	
12600.00	8136.23	8130.23	8130.23	89.82	18 14	92.33	0.90	-174.85	4731.68	4623.78	43.85	
12700.00	8136.38	8130.38	8130.38	91.64	18 14	92.38	0.90	-174.85	4831.62	4721.90	44.04	
12800.00	8136.53	8130.53	8130.53	93.46	18 14	92.43	0.90	-174.85	4931.55	4820.02	44.22	
12900.00	8136.68	8130.68	8130.68	95.29	18 14	92.48	0.90	-174.85	5031.49	4918.14	44.39	
13000.00	8136.83	8130.83	8130.83	97.11	18 14	92 53	0.90	-174.85	5131.43	5016.26	44.55	
13100.00	8136.98	8130.98	8130.98	98.94	18 14	92 58	0.90	-174.85	5231.37	5114.38	44.71	
13200.00	8137.13	8131.13	8131.13	100.76	18 14	92 63	0.90	-174.85	5331.32	5212.50	44.87	
13300.00	8137.28	8131.28	8131.28	102.59	18 14	92 68	0.90	-174.85	5431.27	5310.63	45.02	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H
Reference Well: Peridot 13 State #2H
Reference Wellpath:

Date: 7/18/2012 Time: 08:59:38 Page: 7
Co-ordinate(NE) Reference: Well: Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407.0
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	TVD	Offset MD	TVD	Semi-Major Axis Ref	Offset	TFO-HS	Offset Location North	East	Ctr-Ctr Distance	Edge Distance	Separation Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
13400.00	8137.43	8131.43	8131.43	104.42	18.14	92.73	0.90	-174.85	5531.22	5408.75	45.17	
13500.00	8137.58	8131.58	8131.58	106.25	18.14	92.78	0.90	-174.85	5631.17	5506.88	45.31	
13600.00	8137.73	8131.73	8131.73	108.08	18.14	92.83	0.90	-174.85	5731.12	5605.01	45.44	
13700.00	8137.88	8131.88	8131.88	109.91	18.14	92.88	0.90	-174.85	5831.07	5703.13	45.58	
13800.00	8138.03	8132.03	8132.03	111.74	18.14	92.92	0.90	-174.85	5931.03	5801.26	45.71	
13900.00	8138.18	8132.18	8132.18	113.58	18.14	92.97	0.90	-174.85	6030.99	5899.39	45.83	
14000.00	8138.33	8132.33	8132.33	115.41	18.14	93.02	0.90	-174.85	6130.95	5997.52	45.95	
14100.00	8138.48	8132.48	8132.48	117.25	18.15	93.07	0.90	-174.85	6230.91	6095.65	46.07	
14200.00	8138.63	8132.63	8132.63	119.08	18.15	93.12	0.90	-174.85	6330.87	6193.79	46.18	
14300.00	8138.78	8132.78	8132.78	120.92	18.15	93.17	0.90	-174.85	6430.83	6291.92	46.29	
14400.00	8138.93	8132.93	8132.93	122.75	18.15	93.22	0.90	-174.85	6530.79	6390.05	46.40	
14500.00	8139.08	8133.08	8133.08	124.59	18.15	93.27	0.90	-174.85	6630.76	6488.19	46.51	
14600.00	8139.23	8133.23	8133.23	126.43	18.15	93.32	0.90	-174.85	6730.72	6586.32	46.61	
14700.00	8139.38	8133.38	8133.38	128.27	18.15	93.37	0.90	-174.85	6830.69	6684.46	46.71	
14800.00	8139.53	8133.53	8133.53	130.11	18.15	93.42	0.90	-174.85	6930.66	6782.60	46.81	
14900.00	8139.68	8133.68	8133.68	131.95	18.15	93.47	0.90	-174.85	7030.63	6880.73	46.90	

Site: Peridot 13 State #5H
Well: Peridot 13 State #5H
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 Distance	Edge Distance	Separation Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
0.00	0.00	0.00	0.00	0.00	0.00	232.26	-173.64	-224.32	283.97			No Data
100.00	100.00	87.00	87.00	0.09	0.08	232.26	-173.64	-224.32	283.67	283.50	1666.44	
200.00	200.00	187.00	187.00	0.32	0.29	232.26	-173.64	-224.32	283.67	283.07	470.93	
300.00	300.00	287.00	287.00	0.54	0.51	232.26	-173.64	-224.32	283.67	282.62	269.68	
400.00	400.00	387.00	387.00	0.77	0.74	232.26	-173.64	-224.32	283.67	282.17	188.93	
500.00	500.00	487.00	487.00	0.99	0.96	232.26	-173.64	-224.32	283.67	281.72	145.40	
600.00	600.00	587.00	587.00	1.21	1.19	232.26	-173.64	-224.32	283.67	281.27	118.17	
700.00	700.00	687.00	687.00	1.44	1.41	232.26	-173.64	-224.32	283.67	280.82	99.53	
800.00	800.00	787.00	787.00	1.66	1.64	232.26	-173.64	-224.32	283.67	280.37	85.97	
900.00	900.00	887.00	887.00	1.89	1.86	232.26	-173.64	-224.32	283.67	279.92	75.66	
1000.00	1000.00	987.00	987.00	2.11	2.08	232.26	-173.64	-224.32	283.67	279.47	67.56	
1100.00	1100.00	1087.00	1087.00	2.34	2.31	232.26	-173.64	-224.32	283.67	279.02	61.03	
1200.00	1200.00	1187.00	1187.00	2.56	2.53	232.26	-173.64	-224.32	283.67	278.58	55.65	
1300.00	1300.00	1287.00	1287.00	2.79	2.76	232.26	-173.64	-224.32	283.67	278.13	51.14	
1400.00	1400.00	1387.00	1387.00	3.01	2.98	232.26	-173.64	-224.32	283.67	277.68	47.30	
1500.00	1500.00	1487.00	1487.00	3.24	3.21	232.26	-173.64	-224.32	283.67	277.23	44.01	
1600.00	1600.00	1587.00	1587.00	3.46	3.43	232.26	-173.64	-224.32	283.67	276.78	41.14	
1700.00	1700.00	1687.00	1687.00	3.69	3.66	232.26	-173.64	-224.32	283.67	276.33	38.62	
1800.00	1800.00	1787.00	1787.00	3.91	3.88	232.26	-173.64	-224.32	283.67	275.88	36.39	
1900.00	1900.00	1887.00	1887.00	4.14	4.11	232.26	-173.64	-224.32	283.67	275.43	34.41	
2000.00	2000.00	1987.00	1987.00	4.36	4.33	232.26	-173.64	-224.32	283.67	274.98	32.63	
2100.00	2100.00	2087.00	2087.00	4.59	4.56	232.26	-173.64	-224.32	283.67	274.53	31.02	
2200.00	2200.00	2187.00	2187.00	4.81	4.78	232.26	-173.64	-224.32	283.67	274.08	29.57	
2300.00	2300.00	2287.00	2287.00	5.04	5.01	232.26	-173.64	-224.32	283.67	273.63	28.25	
2400.00	2400.00	2387.00	2387.00	5.26	5.23	232.26	-173.64	-224.32	283.67	273.18	27.04	
2500.00	2500.00	2487.00	2487.00	5.49	5.46	232.26	-173.64	-224.32	283.67	272.73	25.93	
2600.00	2600.00	2587.00	2587.00	5.71	5.68	232.26	-173.64	-224.32	283.67	272.28	24.90	
2700.00	2700.00	2687.00	2687.00	5.93	5.91	232.26	-173.64	-224.32	283.67	271.83	23.96	
2800.00	2800.00	2787.00	2787.00	6.16	6.13	232.26	-173.64	-224.32	283.67	271.38	23.08	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H
Reference Well: Peridot 13 State #2H
Reference Wellpath:
Date: 7/18/2012
Time: 08:59:38
Page: 8
Co-ordinate(NE) Reference: Well Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407.0
Db: Sybase

Site: Peridot 13 State #5H
Well: Peridot 13 State #5H
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	Edge Distance	Separation Factor	Warning
2900.00	2900.00	2887.00	2887.00	6.38	6.36	232.26	-173.64	-224.32	283.67	270.93	22.27	
3000.00	3000.00	2987.00	2987.00	6.61	6.58	232.26	-173.64	-224.32	283.67	270.48	21.51	
3100.00	3100.00	3087.00	3087.00	6.83	6.80	232.26	-173.64	-224.32	283.67	270.03	20.80	
3200.00	3200.00	3187.00	3187.00	7.06	7.03	232.26	-173.64	-224.32	283.67	269.58	20.14	
3300.00	3300.00	3287.00	3287.00	7.28	7.25	232.26	-173.64	-224.32	283.67	269.14	19.51	
3400.00	3400.00	3387.00	3387.00	7.51	7.48	232.26	-173.64	-224.32	283.67	268.69	18.93	
3500.00	3500.00	3487.00	3487.00	7.73	7.70	232.26	-173.64	-224.32	283.67	268.24	18.38	
3600.00	3600.00	3587.00	3587.00	7.96	7.93	232.26	-173.64	-224.32	283.67	267.79	17.86	
3700.00	3700.00	3687.00	3687.00	8.18	8.15	232.26	-173.64	-224.32	283.67	267.34	17.36	
3800.00	3800.00	3787.00	3787.00	8.41	8.38	232.26	-173.64	-224.32	283.67	266.89	16.90	
3900.00	3900.00	3887.00	3887.00	8.63	8.60	232.26	-173.64	-224.32	283.67	266.44	16.46	
4000.00	4000.00	3987.00	3987.00	8.86	8.83	232.26	-173.64	-224.32	283.67	265.99	16.04	
4100.00	4100.00	4087.00	4087.00	9.08	9.05	232.26	-173.64	-224.32	283.67	265.54	15.64	
4200.00	4200.00	4187.00	4187.00	9.31	9.28	232.26	-173.64	-224.32	283.67	265.09	15.26	
4300.00	4300.00	4287.00	4287.00	9.53	9.50	232.26	-173.64	-224.32	283.67	264.64	14.90	
4400.00	4400.00	4387.00	4387.00	9.76	9.73	232.26	-173.64	-224.32	283.67	264.19	14.56	
4500.00	4500.00	4487.00	4487.00	9.98	9.95	232.26	-173.64	-224.32	283.67	263.74	14.23	
4600.00	4600.00	4587.00	4587.00	10.21	10.18	232.26	-173.64	-224.32	283.67	263.29	13.92	
4700.00	4700.00	4687.00	4687.00	10.43	10.40	232.26	-173.64	-224.32	283.67	262.84	13.62	
4800.00	4800.00	4787.00	4787.00	10.66	10.63	232.26	-173.64	-224.32	283.67	262.39	13.33	
4900.00	4900.00	4887.00	4887.00	10.88	10.85	232.26	-173.64	-224.32	283.67	261.94	13.05	
5000.00	5000.00	4987.00	4987.00	11.10	11.08	232.26	-173.64	-224.32	283.67	261.49	12.79	
5100.00	5100.00	5087.00	5087.00	11.33	11.30	232.26	-173.64	-224.32	283.67	261.04	12.54	
5200.00	5200.00	5187.00	5187.00	11.55	11.52	232.26	-173.64	-224.32	283.67	260.59	12.29	
5300.00	5300.00	5287.00	5287.00	11.78	11.75	232.26	-173.64	-224.32	283.67	260.14	12.06	
5400.00	5400.00	5387.00	5387.00	12.00	11.97	232.26	-173.64	-224.32	283.67	259.69	11.83	
5500.00	5500.00	5487.00	5487.00	12.23	12.20	232.26	-173.64	-224.32	283.67	259.25	11.61	
5600.00	5600.00	5587.00	5587.00	12.45	12.42	232.26	-173.64	-224.32	283.67	258.80	11.40	
5700.00	5700.00	5687.00	5687.00	12.68	12.65	232.26	-173.64	-224.32	283.67	258.35	11.20	
5800.00	5800.00	5787.00	5787.00	12.90	12.87	232.26	-173.64	-224.32	283.67	257.90	11.01	
5900.00	5900.00	5887.00	5887.00	13.13	13.10	232.26	-173.64	-224.32	283.67	257.45	10.82	
6000.00	6000.00	5987.00	5987.00	13.35	13.32	232.26	-173.64	-224.32	283.67	257.00	10.63	
6100.00	6100.00	6087.00	6087.00	13.58	13.55	232.26	-173.64	-224.32	283.67	256.55	10.46	
6200.00	6200.00	6187.00	6187.00	13.80	13.77	232.26	-173.64	-224.32	283.67	256.10	10.29	
6300.00	6300.00	6287.00	6287.00	14.03	14.00	232.26	-173.64	-224.32	283.67	255.65	10.12	
6400.00	6400.00	6387.00	6387.00	14.25	14.22	232.26	-173.64	-224.32	283.67	255.20	9.96	
6500.00	6500.00	6487.00	6487.00	14.48	14.45	232.26	-173.64	-224.32	283.67	254.75	9.81	
6600.00	6600.00	6587.00	6587.00	14.70	14.67	232.26	-173.64	-224.32	283.67	254.30	9.66	
6700.00	6700.00	6687.00	6687.00	14.93	14.85	231.78	-177.02	-224.77	287.00	257.27	9.65	
6800.00	6800.00	6736.29	6735.06	15.15	15.02	230.12	-189.16	-226.40	299.56	269.58	9.99	
6900.00	6900.00	6803.94	6799.79	15.38	15.18	227.68	-208.53	-229.01	321.77	291.67	10.69	
7000.00	7000.00	6866.21	6856.95	15.60	15.35	224.92	-232.94	-232.28	353.73	323.65	11.76	
7100.00	7100.00	6922.44	6906.00	15.82	15.52	222.21	-260.14	-235.93	395.09	365.14	13.19	
7200.00	7200.00	6972.52	6947.24	16.05	15.68	219.74	-288.28	-239.71	445.03	415.27	14.95	
7300.00	7300.00	7016.78	6981.50	16.27	15.85	217.61	-316.03	-243.44	502.46	472.93	17.01	
7400.00	7400.00	7050.00	7005.74	16.50	15.98	216.06	-338.54	-246.46	566.31	536.95	19.29	
7500.00	7500.00	7089.97	7033.10	16.72	16.17	214.27	-367.41	-250.34	635.36	606.26	21.83	
7600.00	7599.96	7120.66	7052.69	16.95	16.32	34.20	-390.81	-253.48	707.98	679.08	24.50	
7700.00	7698.52	7150.00	7070.21	17.18	16.48	28.68	-414.14	-256.61	776.03	747.55	27.25	
7800.00	7792.78	7185.82	7089.93	17.43	16.69	24.85	-443.76	-260.59	836.74	809.06	30.23	
7900.00	7879.88	7220.36	7107.14	17.72	16.91	22.28	-473.44	-264.58	889.20	862.58	33.41	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H
Reference Well: Peridot 13 State #2H
Reference Wellpath:

Date: 7/18/2012 Time: 08:59:38 Page: 9
Co-ordinate(NE) Reference: Well: Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407.0

Db: Sybase

Site: Peridot 13 State #5H
Well: Peridot 13 State #5H
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		
8000.00	7957.17	7250.00	7120.45	18.08	17.11	20.54	-499.68	-268.10	932.75	907.35	36.73	
8100.00	8022.31	7300.00	7139.74	18.54	17.48	19.53	-545.38	-274.24	966.84	942.89	40.38	
8200.00	8073.30	7328.06	7148.79	19.12	17.71	18.92	-571.71	-277.77	990.96	968.16	43.46	
8300.00	8108.61	7364.58	7158.59	19.84	18.01	18.78	-606.56	-282.45	1005.12	983.19	45.84	
8400.00	8127.16	7400.00	7165.94	20.69	18.32	19.04	-640.90	-287.06	1009.14	987.52	46.68	
8500.00	8130.06	7437.53	7171.37	21.65	18.67	19.59	-677.70	-292.01	1004.62	982.58	45.59	
8600.00	8130.21	7474.35	7174.33	22.72	19.03	20.04	-714.07	-296.89	1003.89	981.14	44.14	
8700.00	8130.36	7529.65	7175.09	23.88	19.60	20.64	-768.86	-304.25	1009.23	985.53	42.58	
8800.00	8130.51	7627.65	7175.39	25.13	20.68	21.67	-865.99	-317.29	1016.39	991.24	40.41	
8900.00	8130.66	7725.65	7175.69	26.45	21.84	22.69	-963.12	-330.33	1023.88	997.12	38.27	
9000.00	8130.81	7823.65	7175.99	27.83	23.09	23.70	-1060.25	-343.37	1031.69	1003.19	36.20	
9100.00	8130.96	7921.66	7176.29	29.26	24.40	24.69	-1157.38	-356.42	1039.83	1009.44	34.22	
9200.00	8131.12	8019.66	7176.59	30.74	25.76	25.66	-1254.51	-369.46	1048.29	1015.88	32.35	
9300.00	8131.27	8117.66	7176.89	32.26	27.17	26.62	-1351.64	-382.50	1057.05	1022.51	30.60	
9400.00	8131.42	8215.67	7177.19	33.81	28.63	27.56	-1448.78	-395.55	1066.11	1029.32	28.98	
9500.00	8131.57	8313.67	7177.49	35.39	30.11	28.49	-1545.91	-408.59	1075.46	1036.33	27.48	
9600.00	8131.72	8411.67	7177.79	37.00	31.63	29.41	-1643.04	-421.63	1085.09	1043.52	26.10	
9700.00	8131.87	8509.67	7178.09	38.63	33.17	30.30	-1740.17	-434.67	1095.00	1050.90	24.83	
9800.00	8132.02	8607.68	7178.39	40.28	34.74	31.18	-1837.30	-447.72	1105.18	1058.46	23.66	
9900.00	8132.17	8705.68	7178.69	41.94	36.32	32.05	-1934.43	-460.76	1115.62	1066.21	22.58	
10000.00	8132.32	8803.68	7178.99	43.63	37.92	32.90	-2031.56	-473.80	1126.32	1074.14	21.59	
10100.00	8132.47	8901.69	7179.29	45.32	39.54	33.73	-2128.69	-486.84	1137.26	1082.25	20.67	
10200.00	8132.62	8999.69	7179.59	47.03	41.16	34.55	-2225.82	-499.89	1148.44	1090.54	19.83	
10300.00	8132.77	9097.69	7179.90	48.75	42.81	35.35	-2322.95	-512.93	1159.86	1099.00	19.06	
10400.00	8132.92	9195.69	7180.20	50.48	44.46	36.14	-2420.08	-525.97	1171.50	1107.63	18.34	
10500.00	8133.07	9293.70	7180.50	52.22	46.12	36.91	-2517.21	-539.01	1183.36	1116.43	17.68	
10600.00	8133.22	9391.70	7180.80	53.96	47.78	37.67	-2614.34	-552.06	1195.44	1125.39	17.07	
10700.00	8133.37	9489.70	7181.10	55.71	49.46	38.41	-2711.47	-565.10	1207.72	1134.52	16.50	
10800.00	8133.52	9587.70	7181.40	57.47	51.14	39.14	-2808.60	-578.14	1220.20	1143.80	15.97	
10900.00	8133.67	9685.71	7181.70	59.24	52.83	39.85	-2905.73	-591.19	1232.88	1153.23	15.48	
11000.00	8133.82	9783.71	7182.00	61.01	54.52	40.55	-3002.86	-604.23	1245.75	1162.82	15.02	
11100.00	8133.97	9881.71	7182.30	62.79	56.22	41.24	-3099.99	-617.27	1258.79	1172.55	14.60	
11200.00	8134.12	9979.72	7182.60	64.57	57.92	41.91	-3197.12	-630.31	1272.02	1182.43	14.20	
11300.00	8134.27	10077.72	7182.90	66.35	59.63	42.56	-3294.26	-643.36	1285.41	1192.44	13.83	
11400.00	8134.42	10175.72	7183.20	68.14	61.34	43.21	-3391.39	-656.40	1298.98	1202.60	13.48	
11500.00	8134.57	10273.72	7183.50	69.93	63.05	43.84	-3488.52	-669.44	1312.70	1212.89	13.15	
11600.00	8134.72	10371.73	7183.80	71.73	64.77	44.46	-3585.65	-682.48	1326.58	1223.30	12.84	
11700.00	8134.87	10469.73	7184.10	73.53	66.49	45.06	-3682.78	-695.53	1340.61	1233.85	12.56	
11800.00	8135.02	10567.73	7184.40	75.33	68.21	45.65	-3779.91	-708.57	1354.79	1244.52	12.29	
11900.00	8135.17	10665.73	7184.71	77.13	69.94	46.23	-3877.04	-721.61	1369.11	1255.31	12.03	
12000.00	8135.32	10763.74	7185.01	78.94	71.67	46.80	-3974.17	-734.65	1383.57	1266.22	11.79	
12100.00	8135.47	10861.74	7185.31	80.75	73.40	47.36	-4071.30	-747.70	1398.16	1277.25	11.56	
12200.00	8135.62	10959.74	7185.61	82.56	75.13	47.91	-4168.43	-760.74	1412.88	1288.38	11.35	
12300.00	8135.77	11057.75	7185.91	84.37	76.86	48.44	-4265.56	-773.78	1427.73	1299.63	11.15	
12400.00	8135.92	11155.75	7186.21	86.19	78.60	48.97	-4362.69	-786.83	1442.69	1310.98	10.95	
12500.00	8136.07	11253.75	7186.51	88.00	80.34	49.48	-4459.82	-799.87	1457.78	1322.44	10.77	
12600.00	8136.23	11351.75	7186.81	89.82	82.08	49.98	-4556.95	-812.91	1472.98	1334.00	10.60	
12700.00	8136.38	11449.76	7187.11	91.64	83.82	50.47	-4654.08	-825.95	1488.28	1345.65	10.43	
12800.00	8136.53	11547.76	7187.41	93.46	85.56	50.96	-4751.21	-839.00	1503.70	1357.41	10.28	
12900.00	8136.68	11645.76	7187.71	95.29	87.30	51.43	-4848.34	-852.04	1519.22	1369.25	10.13	



Weatherford Anticollision Report



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H
Reference Well: Peridot 13 State #2H
Reference Wellpath:

Date: 7/18/2012 Time: 08:59 38 Page: 10
Co-ordinate(NE) Reference: Well. Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407 0
Db: Sybase

Site: Peridot 13 State #5H
Well: Peridot 13 State #5H
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 ft	TVD ft	MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft	Distance ft	Distance ft		Factor
13000.00	8136.83	11743.77	7188.01	97.11	89.05	51.90	-4945.47	-865.08	1534.84	1381.19	9.99	
13100.00	8136.98	11841.77	7188.31	98.94	90.79	52.35	-5042.61	-878.12	1550.56	1393.22	9.85	
13200.00	8137.13	11939.77	7188.61	100.76	92.54	52.80	-5139.74	-891.17	1566.37	1405.33	9.73	
13300.00	8137.28	12037.77	7188.91	102.59	94.28	53.23	-5236.87	-904.21	1582.28	1417.53	9.60	
13400.00	8137.43	12135.78	7189.21	104.42	96.03	53.66	-5334.00	-917.25	1598.27	1429.81	9.49	
13500.00	8137.58	12233.78	7189.52	106.25	97.78	54.08	-5431.13	-930.29	1614.35	1442.17	9.38	
13600.00	8137.73	12331.78	7189.82	108.08	99.53	54.49	-5528.26	-943.34	1630.52	1454.61	9.27	
13700.00	8137.88	12429.78	7190.12	109.91	101.28	54.90	-5625.39	-956.38	1646.76	1467.12	9.17	
13800.00	8138.03	12527.79	7190.42	111.74	103.04	55.29	-5722.52	-969.42	1663.09	1479.71	9.07	
13900.00	8138.18	12625.79	7190.72	113.58	104.79	55.68	-5819.65	-982.47	1679.49	1492.37	8.98	
14000.00	8138.33	12723.79	7191.02	115.41	106.54	56.06	-5916.78	-995.51	1695.97	1505.10	8.89	
14100.00	8138.48	12821.80	7191.32	117.25	108.30	56.43	-6013.91	-1008.55	1712.52	1517.90	8.80	
14200.00	8138.63	12919.80	7191.62	119.08	110.05	56.80	-6111.04	-1021.59	1729.13	1530.76	8.72	
14300.00	8138.78	13017.80	7191.92	120.92	111.81	57.16	-6208.17	-1034.64	1745.82	1543.69	8.64	
14400.00	8138.93	13115.80	7192.22	122.75	113.56	57.51	-6305.30	-1047.68	1762.58	1556.69	8.56	
14500.00	8139.08	13213.81	7192.52	124.59	115.32	57.86	-6402.43	-1060.72	1779.39	1569.74	8.49	
14600.00	8139.23	13311.81	7192.82	126.43	117.07	58.20	-6499.56	-1073.76	1796.28	1582.86	8.42	
14700.00	8139.38	13409.81	7193.12	128.27	118.83	58.53	-6596.69	-1086.81	1813.22	1596.04	8.35	
14800.00	8139.53	13507.81	7193.42	130.11	120.59	58.86	-6693.82	-1099.85	1830.22	1609.27	8.28	
14900.00	8139.68	13605.82	7193.72	131.95	122.35	59.18	-6790.95	-1112.89	1847.28	1622.56	8.22	

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-IIS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
0 00	0.00	9.00	-9.00	0.00	0 01	195.78	-174 74	-49.39	181.59	181 58	22164.30	
100 00	100.00	91.00	91 00	0.09	0 08	195.78	-174.74	-49 39	181.59	181.41	1044.39	
200 00	200 00	191 00	191 00	0.32	0.30	195.78	-174 74	-49 39	181.59	180.97	297.02	
300.00	300 00	291 00	291.00	0 54	0 52	195.78	-174 74	-49.39	181.59	180.53	171.16	
400 00	400.00	391 00	391.00	0.77	0.75	195 78	-174 74	-49 39	181.59	180.08	120.22	
500.00	500 00	491.00	491.00	0 99	0 97	195.78	-174.74	-49.39	181 59	179 63	92.65	
600 00	600 00	591.00	591.00	1 21	1.19	195.78	-174 74	-49.39	181 59	179 18	75 36	
700.00	700 00	691 00	691.00	1.44	1.42	195 78	-174 74	-49.39	181 59	178.73	63.51	
800.00	800 00	791 00	791.00	1 66	1.64	195 78	-174 74	-49.39	181 59	178 28	54.88	
900 00	900 00	891.00	891.00	1 89	1.87	195 78	-174.74	-49.39	181.59	177 83	48.32	
1000.00	1000 00	991 00	991.00	2.11	2.09	195 78	-174 74	-49.39	181 59	177 38	43 16	
1100 00	1100 00	1091 00	1091.00	2 34	2.32	195 78	-174 74	-49 39	181 59	176 93	38.99	
1200 00	1200 00	1191.00	1191.00	2 56	2 54	195 78	-174 74	-49 39	181.59	176.48	35.56	
1300.00	1300 00	1291 00	1291.00	2.79	2.77	195.78	-174 74	-49 39	181 59	176 03	32 68	
1400.00	1400.00	1391.00	1391.00	3 01	2.99	195 78	-174.74	-49 39	181 59	175.58	30.24	
1500.00	1500.00	1491 00	1491.00	3 24	3.22	195 78	-174.74	-49.39	181.59	175.13	28 13	
1600.00	1600 00	1591.00	1591.00	3.46	3 44	195 78	-174.74	-49.39	181.59	174.68	26.30	
1700.00	1700.00	1691.00	1691.00	3.69	3 67	195 78	-174.74	-49.39	181.59	174.23	24.69	
1800.00	1800.00	1791 00	1791.00	3.91	3.89	195.78	-174.74	-49 39	181 59	173.78	23 27	
1900 00	1900.00	1891.00	1891.00	4 14	4.12	195 78	-174.74	-49 39	181.59	173.33	22 00	
2000.00	2000 00	1991 00	1991.00	4 36	4.34	195 78	-174 74	-49 39	181 59	172.88	20 86	
2100.00	2100 00	2091.00	2091.00	4.59	4.57	195 78	-174 74	-49 39	181 59	172.43	19.84	
2200.00	2200 00	2191 00	2191.00	4.81	4.79	195.78	-174 74	-49.39	181.59	171 98	18 91	
2300.00	2300 00	2291 00	2291.00	5 04	5.02	195.78	-174.74	-49 39	181.59	171.53	18.07	
2400 00	2400.00	2391.00	2391.00	5 26	5.24	195.78	-174.74	-49 39	181 59	171.08	17 29	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Pendot 13 State #2H
Reference Well: Pendot 13 State #2H
Reference Wellpath:

Date: 7/18/2012 Time: 08:59 38 Page: 11
Co-ordinate(NE) Reference: Well Pendot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407 0

Db: Sybase

Site: Pendot 13 State #6H
Well: Pendot 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		
2500.00	2500.00	2491.00	2491.00	5.49	5.47	195.78	-174.74	-49.39	181.59	170.64	16.58	
2600.00	2600.00	2591.00	2591.00	5.71	5.69	195.78	-174.74	-49.39	181.59	170.19	15.93	
2700.00	2700.00	2691.00	2691.00	5.93	5.91	195.78	-174.74	-49.39	181.59	169.74	15.32	
2800.00	2800.00	2791.00	2791.00	6.16	6.14	195.78	-174.74	-49.39	181.59	169.29	14.76	
2900.00	2900.00	2891.00	2891.00	6.38	6.36	195.78	-174.74	-49.39	181.59	168.84	14.24	
3000.00	3000.00	2991.00	2991.00	6.61	6.59	195.78	-174.74	-49.39	181.59	168.39	13.76	
3100.00	3100.00	3091.00	3091.00	6.83	6.81	195.78	-174.74	-49.39	181.59	167.94	13.31	
3200.00	3200.00	3191.00	3191.00	7.06	7.04	195.78	-174.74	-49.39	181.59	167.49	12.88	
3300.00	3300.00	3291.00	3291.00	7.28	7.26	195.78	-174.74	-49.39	181.59	167.04	12.48	
3400.00	3400.00	3391.00	3391.00	7.51	7.49	195.78	-174.74	-49.39	181.59	166.59	12.11	
3500.00	3500.00	3491.00	3491.00	7.73	7.71	195.78	-174.74	-49.39	181.59	166.14	11.76	
3600.00	3600.00	3591.00	3591.00	7.96	7.94	195.78	-174.74	-49.39	181.59	165.69	11.42	
3700.00	3700.00	3691.00	3691.00	8.18	8.16	195.78	-174.74	-49.39	181.59	165.24	11.11	
3800.00	3800.00	3791.00	3791.00	8.41	8.39	195.78	-174.74	-49.39	181.59	164.79	10.81	
3900.00	3900.00	3891.00	3891.00	8.63	8.61	195.78	-174.74	-49.39	181.59	164.34	10.53	
4000.00	4000.00	3991.00	3991.00	8.86	8.84	195.78	-174.74	-49.39	181.59	163.89	10.26	
4100.00	4100.00	4091.00	4091.00	9.08	9.06	195.78	-174.74	-49.39	181.59	163.44	10.01	
4200.00	4200.00	4191.00	4191.00	9.31	9.29	195.78	-174.74	-49.39	181.59	162.99	9.77	
4300.00	4300.00	4291.00	4291.00	9.53	9.51	195.78	-174.74	-49.39	181.59	162.54	9.54	
4400.00	4400.00	4391.00	4391.00	9.76	9.74	195.78	-174.74	-49.39	181.59	162.09	9.32	
4500.00	4500.00	4491.00	4491.00	9.98	9.96	195.78	-174.74	-49.39	181.59	161.64	9.11	
4600.00	4600.00	4591.00	4591.00	10.21	10.19	195.78	-174.74	-49.39	181.59	161.20	8.91	
4700.00	4700.00	4691.00	4691.00	10.43	10.41	195.78	-174.74	-49.39	181.59	160.75	8.71	
4800.00	4800.00	4791.00	4791.00	10.66	10.63	195.78	-174.74	-49.39	181.59	160.30	8.53	
4900.00	4900.00	4891.00	4891.00	10.88	10.86	195.78	-174.74	-49.39	181.59	159.85	8.35	
5000.00	5000.00	4991.00	4991.00	11.10	11.08	195.78	-174.74	-49.39	181.59	159.40	8.18	
5100.00	5100.00	5091.00	5091.00	11.33	11.31	195.78	-174.74	-49.39	181.59	158.95	8.02	
5200.00	5200.00	5191.00	5191.00	11.55	11.53	195.78	-174.74	-49.39	181.59	158.50	7.86	
5300.00	5300.00	5291.00	5291.00	11.78	11.76	195.78	-174.74	-49.39	181.59	158.05	7.71	
5400.00	5400.00	5391.00	5391.00	12.00	11.98	195.78	-174.74	-49.39	181.59	157.60	7.57	
5500.00	5500.00	5491.00	5491.00	12.23	12.21	195.78	-174.74	-49.39	181.59	157.15	7.43	
5600.00	5600.00	5591.00	5591.00	12.45	12.43	195.78	-174.74	-49.39	181.59	156.70	7.30	
5700.00	5700.00	5691.00	5691.00	12.68	12.66	195.78	-174.74	-49.39	181.59	156.25	7.17	
5800.00	5800.00	5791.00	5791.00	12.90	12.88	195.78	-174.74	-49.39	181.59	155.80	7.04	
5900.00	5900.00	5891.00	5891.00	13.13	13.11	195.78	-174.74	-49.39	181.59	155.35	6.92	
6000.00	6000.00	5991.00	5991.00	13.35	13.33	195.78	-174.74	-49.39	181.59	154.90	6.80	
6100.00	6100.00	6091.00	6091.00	13.58	13.56	195.78	-174.74	-49.39	181.59	154.45	6.69	
6200.00	6200.00	6191.00	6191.00	13.80	13.78	195.78	-174.74	-49.39	181.59	154.00	6.58	
6300.00	6300.00	6291.00	6291.00	14.03	14.01	195.78	-174.74	-49.39	181.59	153.55	6.48	
6400.00	6400.00	6391.00	6391.00	14.25	14.23	195.78	-174.74	-49.39	181.59	153.10	6.38	
6500.00	6500.00	6491.00	6491.00	14.48	14.46	195.78	-174.74	-49.39	181.59	152.65	6.28	
6600.00	6600.00	6591.00	6591.00	14.70	14.68	195.78	-174.74	-49.39	181.59	152.20	6.18	
6700.00	6700.00	6670.27	6670.11	14.93	14.86	195.35	-178.79	-49.08	186.57	156.87	6.28	
6800.00	6800.00	6744.64	6743.18	15.15	15.04	194.03	-192.34	-48.06	203.94	174.10	6.83	
6900.00	6900.00	6814.43	6809.60	15.38	15.21	192.27	-213.54	-46.46	233.21	203.40	7.82	
7000.00	7000.00	6878.21	6867.64	15.60	15.38	190.51	-239.83	-44.48	273.34	243.69	9.22	
7100.00	7100.00	6935.36	6916.87	15.82	15.56	188.94	-268.72	-42.30	322.98	293.56	10.98	
7200.00	7200.00	6985.89	6957.82	16.05	15.73	187.65	-298.23	-40.07	380.68	351.51	13.05	
7300.00	7300.00	7030.25	6991.49	16.27	15.91	186.61	-327.00	-37.90	445.06	416.14	15.39	
7400.00	7400.00	7069.04	7019.03	16.50	16.08	185.78	-354.24	-35.84	514.91	486.21	17.94	
7500.00	7500.00	7100.00	7039.64	16.72	16.22	185.17	-377.26	-34.10	589.25	560.70	20.64	



Weatherford Anticollision Report

**Weatherford®**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H
Reference Well: Peridot 13 State #2H
Reference Wellpath:

Date: 7/18/2012 Time: 08:59:38 Page: 12
Co-ordinate(NE) Reference: Well Peridot 13 State #2H, Grid North
Vertical (TVD) Reference: SITE 3407.0

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		
7600.00	7599.96	7133.28	7060.37	16.95	16.40	7.68	-403.22	-32.14	666.22	637.89	23.51	
7700.00	7698.52	7164.87	7078.63	17.18	16.58	6.13	-428.92	-30.20	737.08	709.26	26.50	
7800.00	7792.78	7200.00	7097.22	17.43	16.79	5.13	-458.64	-27.96	799.26	772.37	29.72	
7900.00	7879.88	7232.99	7112.99	17.72	17.02	4.47	-487.53	-25.78	852.12	826.45	33.20	
8000.00	7957.17	7268.73	7128.15	18.08	17.28	4.01	-519.79	-23.34	895.13	870.96	37.03	
8100.00	8022.31	7300.00	7139.75	18.54	17.51	3.71	-548.75	-21.16	927.90	905.32	41.09	
8200.00	8073.30	7350.00	7154.95	19.12	17.93	3.50	-596.23	-17.57	950.11	929.24	45.52	
8300.00	8108.61	7379.38	7161.93	19.84	18.20	3.41	-624.68	-15.43	961.39	941.77	48.99	
8400.00	8127.16	7416.71	7168.66	20.69	18.54	3.38	-661.29	-12.66	961.87	943.06	51.12	
8500.00	8130.06	7450.00	7172.65	21.65	18.87	3.40	-694.24	-10.18	953.14	934.42	50.91	
8600.00	8130.21	7498.96	7175.00	22.72	19.37	3.39	-742.99	-6.50	948.20	929.25	50.03	
8700.00	8130.36	7579.56	7175.43	23.88	20.26	3.35	-823.36	-0.43	947.56	928.02	48.50	
8800.00	8130.51	7679.55	7175.97	25.13	21.45	3.30	-923.07	7.10	947.12	926.86	46.74	
8900.00	8130.66	7779.55	7176.51	26.45	22.73	3.24	-1022.78	14.62	946.68	925.62	44.93	
9000.00	8130.81	7879.54	7177.05	27.83	24.09	3.19	-1122.49	22.15	946.25	924.30	43.12	
9100.00	8130.96	7979.54	7177.59	29.26	25.51	3.14	-1222.20	29.68	945.81	922.93	41.34	
9200.00	8131.12	8079.54	7178.13	30.74	26.98	3.09	-1321.91	37.21	945.38	921.50	39.60	
9300.00	8131.27	8179.53	7178.67	32.26	28.50	3.04	-1421.62	44.73	944.94	920.03	37.93	
9400.00	8131.42	8279.53	7179.21	33.81	30.06	2.99	-1521.33	52.26	944.51	918.52	36.34	
9500.00	8131.57	8379.52	7179.75	35.39	31.65	2.94	-1621.04	59.79	944.07	916.97	34.83	
9600.00	8131.72	8479.52	7180.29	37.00	33.27	2.89	-1720.75	67.31	943.64	915.39	33.40	
9700.00	8131.87	8579.51	7180.83	38.63	34.91	2.84	-1820.46	74.84	943.21	913.78	32.05	
9800.00	8132.02	8679.51	7181.37	40.28	36.58	2.79	-1920.17	82.37	942.78	912.14	30.78	
9900.00	8132.17	8779.50	7181.91	41.94	38.26	2.73	-2019.88	89.89	942.35	910.49	29.58	
10000.00	8132.32	8879.50	7182.45	43.63	39.96	2.68	-2119.59	97.42	941.92	908.82	28.46	
10100.00	8132.47	8979.49	7182.99	45.32	41.67	2.63	-2219.30	104.95	941.49	907.13	27.40	
10200.00	8132.62	9079.49	7183.53	47.03	43.39	2.58	-2319.01	112.47	941.06	905.42	26.41	
10300.00	8132.77	9179.49	7184.07	48.75	45.13	2.53	-2418.73	120.00	940.63	903.71	25.47	
10400.00	8132.92	9279.48	7184.61	50.48	46.87	2.48	-2518.44	127.53	940.21	901.98	24.60	
10500.00	8133.07	9379.48	7185.15	52.22	48.63	2.43	-2618.15	135.05	939.78	900.24	23.77	
10600.00	8133.22	9479.47	7185.69	53.96	50.39	2.37	-2717.86	142.58	939.36	898.49	22.99	
10700.00	8133.37	9579.47	7186.22	55.71	52.16	2.32	-2817.57	150.11	938.93	896.74	22.25	
10800.00	8133.52	9679.46	7186.76	57.47	53.93	2.27	-2917.28	157.63	938.51	894.97	21.56	
10900.00	8133.67	9779.46	7187.30	59.24	55.71	2.22	-3016.99	165.16	938.09	893.20	20.90	
11000.00	8133.82	9879.45	7187.84	61.01	57.50	2.17	-3116.70	172.69	937.66	891.43	20.28	
11100.00	8133.97	9979.45	7188.38	62.79	59.29	2.12	-3216.41	180.21	937.24	889.65	19.69	
11200.00	8134.12	10079.45	7188.92	64.57	61.08	2.06	-3316.12	187.74	936.82	887.86	19.13	
11300.00	8134.27	10179.44	7189.46	66.35	62.88	2.01	-3415.83	195.27	936.40	886.07	18.60	
11400.00	8134.42	10279.44	7190.00	68.14	64.68	1.96	-3515.54	202.79	935.98	884.27	18.10	
11500.00	8134.57	10379.43	7190.54	69.93	66.49	1.91	-3615.25	210.32	935.56	882.47	17.62	
11600.00	8134.72	10479.43	7191.08	71.73	68.30	1.86	-3714.96	217.85	935.15	880.67	17.17	
11700.00	8134.87	10579.42	7191.62	73.53	70.11	1.80	-3814.67	225.37	934.73	878.87	16.73	
11800.00	8135.02	10679.42	7192.16	75.33	71.92	1.75	-3914.38	232.90	934.31	877.06	16.32	
11900.00	8135.17	10779.41	7192.70	77.13	73.74	1.70	-4014.09	240.43	933.90	875.25	15.92	
12000.00	8135.32	10879.41	7193.24	78.94	75.56	1.65	-4113.80	247.95	933.49	873.44	15.55	
12100.00	8135.47	10979.41	7193.78	80.75	77.38	1.59	-4213.51	255.48	933.07	871.62	15.18	
12200.00	8135.62	11079.40	7194.32	82.56	79.20	1.54	-4313.22	263.01	932.66	869.81	14.84	
12300.00	8135.77	11179.40	7194.86	84.37	81.02	1.49	-4412.93	270.53	932.25	867.99	14.51	
12400.00	8135.92	11279.39	7195.40	86.19	82.85	1.44	-4512.64	278.06	931.84	866.17	14.19	
12500.00	8136.07	11379.39	7195.94	88.00	84.68	1.38	-4612.35	285.59	931.43	864.35	13.89	
12600.00	8136.23	11479.38	7196.48	89.82	86.50	1.33	-4712.06	293.11	931.02	862.53	13.59	



Weatherford Anticollision Report



Company: Devon Energy Date: 7/18/2012 Time: 08 59 38 Page: 13
Field: Eddy Co., NM (NAD 83)
Reference Site: Peridot 13 State #2H Co-ordinate(NE) Reference: Well Peridot 13 State #2H, Grid North
Reference Well: Peridot 13 State #2H Vertical (TVD) Reference: SITE 3407.0
Reference Wellpath: 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		
12700.00	8136.38	11579.38	7197.02	91.64	88.33	1.28	-4811.77	300.64	930.61	860.70	13.31	
12800.00	8136.53	11679.37	7197.55	93.46	90.17	1.23	-4911.48	308.17	930.20	858.88	13.04	
12900.00	8136.68	11779.37	7198.09	95.29	92.00	1.17	-5011.20	315.69	929.79	857.05	12.78	
13000.00	8136.83	11879.36	7198.63	97.11	93.83	1.12	-5110.91	323.22	929.38	855.23	12.53	
13100.00	8136.98	11979.36	7199.17	98.94	95.67	1.07	-5210.62	330.75	928.98	853.40	12.29	
13200.00	8137.13	12079.36	7199.71	100.76	97.50	1.02	-5310.33	338.27	928.57	851.57	12.06	
13300.00	8137.28	12179.35	7200.25	102.59	99.34	0.96	-5410.04	345.80	928.17	849.74	11.84	
13400.00	8137.43	12279.35	7200.79	104.42	101.18	0.91	-5509.75	353.33	927.77	847.92	11.62	
13500.00	8137.58	12379.34	7201.33	106.25	103.01	0.86	-5609.46	360.85	927.36	846.09	11.41	
13600.00	8137.73	12479.34	7201.87	108.08	104.85	0.80	-5709.17	368.38	926.96	844.25	11.21	
13700.00	8137.88	12579.33	7202.41	109.91	106.69	0.75	-5808.88	375.91	926.56	842.42	11.01	
13800.00	8138.03	12679.33	7202.95	111.74	108.53	0.70	-5908.59	383.43	926.16	840.59	10.82	
13900.00	8138.18	12779.32	7203.49	113.58	110.38	0.64	-6008.30	390.96	925.76	838.76	10.64	
14000.00	8138.33	12879.32	7204.03	115.41	112.22	0.59	-6108.01	398.49	925.36	836.93	10.46	
14100.00	8138.48	12979.32	7204.57	117.25	114.06	0.54	-6207.72	406.01	924.97	835.09	10.29	
14200.00	8138.63	13079.31	7205.11	119.08	115.90	0.49	-6307.43	413.54	924.57	833.26	10.13	
14300.00	8138.78	13179.31	7205.65	120.92	117.75	0.43	-6407.14	421.07	924.17	831.43	9.96	
14400.00	8138.93	13279.30	7206.19	122.75	119.59	0.38	-6506.85	428.59	923.78	829.59	9.81	
14500.00	8139.08	13379.30	7206.73	124.59	121.44	0.33	-6606.56	436.12	923.38	827.76	9.66	
14600.00	8139.23	13479.29	7207.27	126.43	123.28	0.27	-6706.27	443.65	922.99	825.92	9.51	
14700.00	8139.38	13579.29	7207.81	128.27	125.13	0.22	-6805.98	451.17	922.60	824.09	9.37	
14800.00	8139.53	13679.28	7208.34	130.11	126.98	0.16	-6905.69	458.70	922.20	822.25	9.23	
14900.00	8139.68	13779.28	7208.88	131.95	128.82	0.11	-7005.40	466.23	921.81	820.42	9.09	

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

GeoDec v5.03

Report Date: July 18, 2012
Job Number: _____
Customer: Devon Energy
Well Name: Peridot 13 State #2H
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 609068.280 USFT	Latitude 32.6740119 DEG
East/West 634059.360 USFT	Longitude -104.0319944 DEG
Grid Convergence: .16°	
Total Correction: +7.46°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.67401° N	32° 40 min 26.443 sec
Longitude =	104.03199° W	104° 1 min 55.180 sec

Magnetic Declination =	7.62°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6702
Local Field Strength =	48683 nT	Magnetic Vector X = 23775 nT
Magnetic Dip =	60.48°	Magnetic Vector Y = 3180 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 42364 nT
Spud Date =	Mar 15, 2013	Magnetic Vector H = 23987 nT

Signed: _____

Date: _____