

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS OGD Artesia
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM0107697

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
SPICA 25 FEDERAL 2H

9. API Well No.
30-015-40222-00-X1

10. Field and Pool, or Exploratory
HACKBERRY

11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
DEVON ENERGY PRODUCTION CO
Contact: MELANIE A CRAWFORD
Email: melanie.crawford@dvn.com

3a. Address
333 WEST SHERIDAN AVE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)
Ph: 405-552-4524

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 25 T19S R31E SWNW 1980FNL 340FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change to Original APD
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production respectfully request to move the Bottom Hole Location on the Spica 25 Federal 2H (see attached plat).

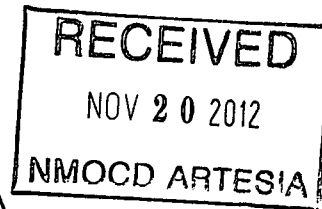
Current BHL: 1980' FNL & 340' FEL of Section 25-T19S-31E

to

Proposed BHL: 2224' FNL & 340' FEL of Section 25-T19S-31E

Thank you

Accepted for record
NMOCD *tes 11/2/2012*



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #156620 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 10/29/2012 (13KMS3661SE)

Name (Printed/Typed) MELANIE A CRAWFORD Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/26/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS Title PETROLEUM ENGINEER Date 11/19/2012

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

API Number 30-015-40222		Pool Code 97650	Pool Name WC Williams sink; Bone Spring
Property Code 39137	Property Name SPICA "25" FEDERAL		Well Number 2H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		Elevation 3490.4

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	19 S	31 E		1980	NORTH	340	WEST	EDDY

" 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
H	25	19 S	31 E		2224'	NORTH	340	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1.60			

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.

<p>NW CORNER SEC. 25 LAT. = 32.6387288°N LONG. = 103.8313556°W NMSP EAST (FT) N = 596465.51 E = 695857.07</p> <p>1980'</p> <p>SURFACE LOCATION 340'</p> <p>SPICA "25" FEDERAL #2H ELEV. = 3490.4' LAT. = 32.6332892°N (NAD83) LONG. = 103.8302356°W NMSP EAST (FT) N = 594488.16 E = 696211.20</p> <p>SW CORNER SEC. 25 LAT. = 32.6242126°N LONG. = 103.8313170°W NMSP EAST (FT) N = 591184.42 E = 695895.90</p>	<p>NE CORNER SEC. 25 LAT. = 32.6387603°N LONG. = 103.8141913°W NMSP EAST (FT) N = 596502.34 E = 701140.60</p> <p>2224'</p> <p>BOTTOM OF HOLE 340'</p> <p>BOTTOM OF HOLE LAT. = 32.6333168°N LONG. = 103.8152863°W NMSP EAST (FT) N = 594520.32 E = 700813.18</p> <p>SE CORNER SEC. 25 LAT. = 32.6242367°N LONG. = 103.8141643°W NMSP EAST (FT) N = 591218.56 E = 701174.72</p>	<p>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 information either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well or 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.</p> <p>Melanie Crawford 10/26/12 Signature Date Printed Name Melanie Crawford</p> <p>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 knowledge and belief.</p> <p>OCTOBER 17, 2012 Date of Survey PILIMON F. JARAMILA O.P.S. 42707 Signature and Seal of Professional Surveyor Certificate Number NEW MEXICO SURVEYORS BOARD</p>
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Weatherford®

Drilling Services

Proposal



SPICA 25 FEDERAL #2H

EDDY COUNTY, NM

WELL FILE: **PLAN 3**

NOVEMBER 16, 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



Spica 25 Federal #2H
Eddy Co, NM

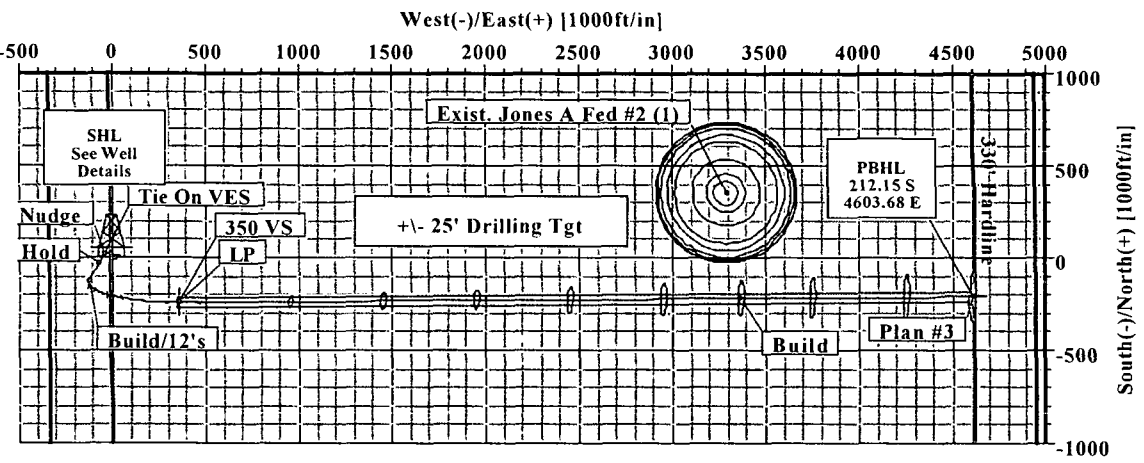
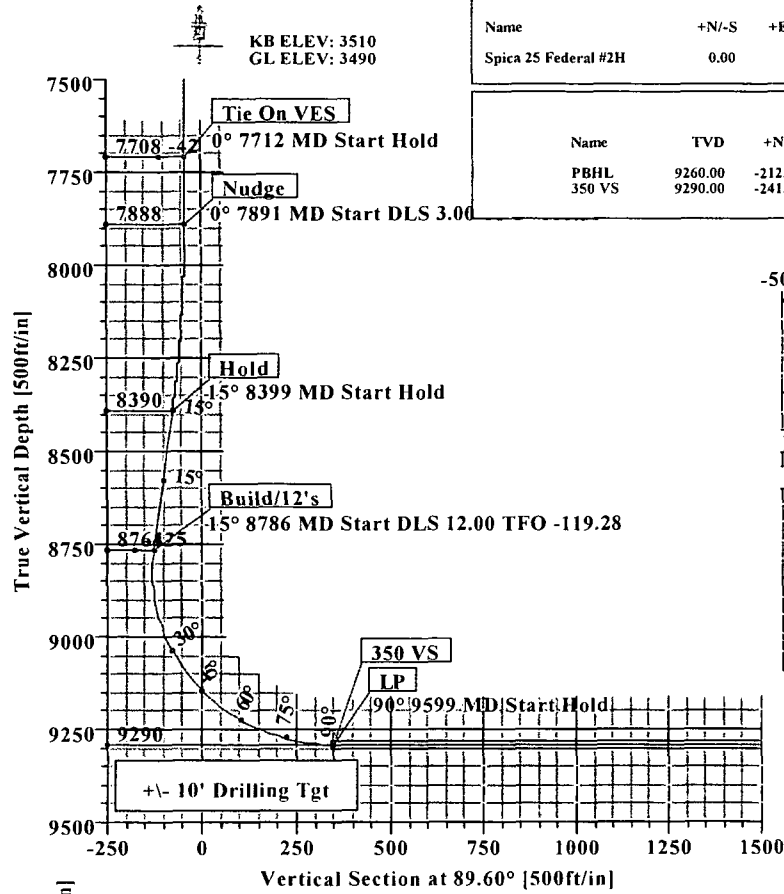
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7711.58	0.23	10.01	7708.43	19.45	-42.00	0.00	0.00	-41.86	
2	7891.35	0.23	10.01	7888.20	20.16	-41.87	0.00	0.00	-41.73	
3	8398.70	15.00	209.74	8389.85	-36.19	-74.47	3.00	-160.56	-74.72	
4	8786.48	15.00	209.74	8764.41	-123.35	-124.26	0.00	0.00	-125.12	
5	9598.72	90.00	89.60	9290.00	-241.87	349.99	12.00	-119.28	348.29	350 VS
6	12615.42	90.00	89.60	9290.00	-220.79	3366.62	0.00	0.00	3365.00	
7	12662.63	91.42	89.60	9289.42	-220.46	3413.82	3.00	0.00	3412.20	
8	13852.88	91.42	89.60	9260.00	-212.15	4603.68	0.00	0.00	4602.09	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Spica 25 Federal #2H	0.00	0.00	594488.16	696211.20	32°37'59.830N	103°49'48.864W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	9260.00	-212.15	4603.68	594276.01	700814.88	Rectangle (1240x50)
350 VS	9290.00	-241.87	349.99	594246.29	696561.19	Rectangle (3020x50)

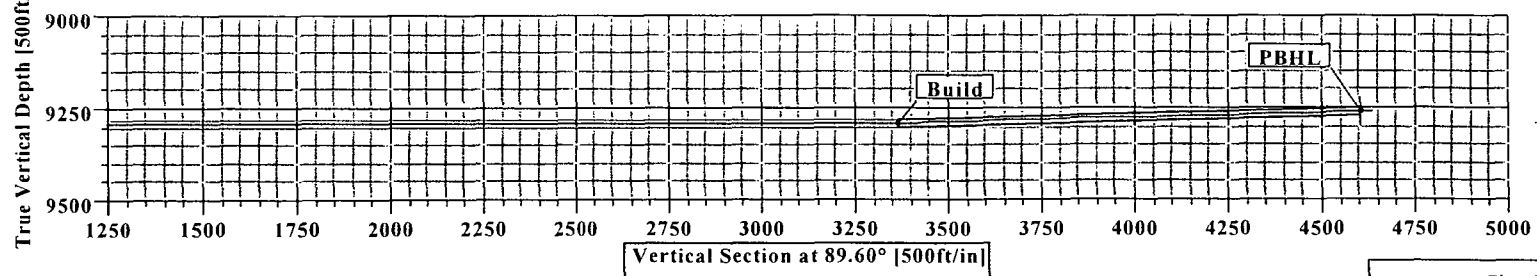
FIELD DETAILS	
Eddy Co., NM (NAD 83)	
Geodetic System:	US State Plane Coordinate System 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico, Eastern Zone
Magnetic Model:	IGRF2010
System Datum:	Mean Sea Level
Local North:	Grid North

SITE DETAILS	
Spica 25 Federal #2H	
Site Centre Northing:	594488.16
Easting:	696211.20
Ground Level:	3490.00
Positional Uncertainty:	0.00
Convergence:	0.27



LEGEND	
	Exist. Jones A Fed #2 (1)
	Plan #3

Azimuths to Grid North
 True North: -0.27°
 Magnetic North: 7.28°
 Magnetic Field
 Strength: 48710nT
 Dip Angle: 60.48°
 Date: 12/15/2012
 Model: IGRF2010
 Total Correction to Grid North: 7.28°



Plan: Plan #3 (Spica 25 Federal #2H/1)
 Created By: Russell Joyner
 Date: 11/16/2012



Weatherford International Ltd.

WFT Plan Report - X & Y's

Company: Devon Energy	Date: 11/16/2012	Time: 08:16:35	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: Spica 25 Federal #2H, Grid North		
Site: Spica 25 Federal #2H	Vertical (TVD) Reference: SITE 3510.0		
Well: Spica 25 Federal #2H	Section (VS) Reference: Well (0.00N,0.00E,89.60Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #3	Date Composed: 11/16/2012	
Principal: Yes	Version: 1	
	Tied-to: User Defined	

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: Spica 25 Federal #2H		
Site Position:	Northing: 594488.16 ft	Latitude: 32 37 59.830 N
From: Map	Easting: 696211.20 ft	Longitude: 103 49 48.864 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3490.00 ft		Grid Convergence: 0.27 deg

Well: Spica 25 Federal #2H			Slot Name:		
Well Position:	+N/-S 0.00 ft	Northing: 594488.16 ft	Latitude: 32 37 59.830 N		
	+E/-W 0.00 ft	Easting : 696211.20 ft	Longitude: 103 49 48.864 W		
Position Uncertainty: 0.00 ft					

Wellpath: 1			Drilled From: Surface		
Current Datum: SITE	Height 3510.00 ft	Tie-on Depth: 0.00 ft			
Magnetic Data: 12/15/2012		Above System Datum: Mean Sea Level			
Field Strength: 48710 nT		Declination: 7.55 deg			
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Mag Dip Angle: 60.48 deg		
ft	ft	ft	Direction		
			deg		
0.00	0.00	0.00	89.60		

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
7711.58	0.23	10.01	7708.43	19.45	-42.00	0.00	0.00	0.00	0.00	
7891.35	0.23	10.01	7888.20	20.16	-41.87	0.00	0.00	0.00	0.00	
8398.70	15.00	209.74	8389.85	-36.19	-74.47	3.00	2.91	-31.59	-160.56	
8786.48	15.00	209.74	8764.41	-123.35	-124.26	0.00	0.00	0.00	0.00	
9598.72	90.00	89.60	9290.00	-241.87	349.99	12.00	9.23	-14.79	-119.28	350 VS
12615.42	90.00	89.60	9290.00	-220.79	3366.62	0.00	0.00	0.00	0.00	
12662.63	91.42	89.60	9289.42	-220.46	3413.82	3.00	3.00	0.00	0.00	
13852.88	91.42	89.60	9260.00	-212.15	4603.68	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
7711.58	0.23	10.01	7708.43	19.45	-42.00	-41.86	0.00	594507.61	696169.20	Tie On VES
7800.00	0.23	10.01	7796.85	19.80	-41.94	-41.80	0.00	594507.96	696169.26	
7891.35	0.23	10.01	7888.20	20.16	-41.87	-41.73	0.00	594508.32	696169.33	Nudge
7900.00	0.09	270.41	7896.85	20.18	-41.88	-41.74	3.00	594508.34	696169.32	
8000.00	3.04	210.89	7996.80	17.90	-43.32	-43.19	3.00	594506.06	696167.88	
8100.00	6.04	210.18	8096.47	11.07	-47.33	-47.25	3.00	594499.23	696163.87	
8200.00	9.04	209.93	8195.60	-0.29	-53.90	-53.90	3.00	594487.87	696157.30	
8300.00	12.04	209.81	8293.90	-16.16	-63.01	-63.12	3.00	594472.00	696148.19	
8398.70	15.00	209.74	8389.85	-36.19	-74.47	-74.72	3.00	594451.97	696136.73	Hold
8400.00	15.00	209.74	8391.11	-36.48	-74.63	-74.89	0.00	594451.68	696136.57	
8500.00	15.00	209.74	8487.70	-58.96	-87.47	-87.88	0.00	594429.20	696123.73	
8600.00	15.00	209.74	8584.29	-81.44	-100.32	-100.88	0.00	594406.72	696110.88	
8700.00	15.00	209.74	8680.88	-103.92	-113.16	-113.88	0.00	594384.24	696098.04	
8786.48	15.00	209.74	8764.41	-123.35	-124.26	-125.12	0.00	594364.81	696086.94	Build/12's

Weatherford International Ltd.

WFT Plan Report - X & Y's

Company: Devon Energy Field: Eddy Co., NM (NAD 83) Site: Spica 25 Federal #2H Well: Spica 25 Federal #2H Wellpath: 1	Date: 11/16/2012 Co-ordinate(NE) Reference: Well: Spica 25 Federal #2H, Grid North Vertical (TVD) Reference: SITE 3510.0 Section (VS) Reference: Well (0.00N,0.00E,89.60Azi) Survey Calculation Method: Minimum Curvature	Time: 08:16:35 Page: 2 Db: Sybase
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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
8800.00	14.28	203.99	8777.49	-126.40	-125.81	-126.69	12.00	594361.76	696085.39	
8825.00	13.35	192.02	8801.77	-132.04	-127.66	-128.58	12.00	594356.12	696083.54	
8850.00	13.05	178.92	8826.12	-137.69	-128.21	-129.17	12.00	594350.47	696082.99	
8875.00	13.42	165.88	8850.46	-143.32	-127.45	-128.45	12.00	594344.84	696083.75	
8900.00	14.41	154.07	8874.73	-148.94	-125.38	-126.42	12.00	594339.22	696085.82	
8925.00	15.89	144.09	8898.87	-154.51	-122.02	-123.09	12.00	594333.65	696089.18	
8950.00	17.76	135.95	8922.80	-160.02	-117.36	-118.47	12.00	594328.14	696093.84	
8975.00	19.90	129.42	8946.46	-165.46	-111.42	-112.57	12.00	594322.70	696099.78	
9000.00	22.23	124.15	8969.79	-170.82	-104.21	-105.40	12.00	594317.34	696106.99	
9025.00	24.70	119.86	8992.72	-176.08	-95.77	-97.00	12.00	594312.08	696115.43	
9050.00	27.27	116.33	9015.20	-181.22	-86.11	-87.37	12.00	594306.94	696125.09	
9075.00	29.91	113.36	9037.15	-186.23	-75.25	-76.55	12.00	594301.93	696135.95	
9100.00	32.61	110.84	9058.52	-191.10	-63.23	-64.56	12.00	594297.06	696147.97	
9125.00	35.36	108.67	9079.24	-195.81	-50.08	-51.44	12.00	594292.35	696161.12	
9150.00	38.13	106.77	9099.28	-200.36	-35.83	-37.23	12.00	594287.80	696175.37	
9175.00	40.94	105.10	9118.56	-204.72	-20.53	-21.96	12.00	594283.44	696190.67	
9200.00	43.76	103.60	9137.03	-208.89	-4.21	-5.67	12.00	594279.27	696206.99	
9225.00	46.61	102.26	9154.65	-212.85	13.07	11.58	12.00	594275.31	696224.27	
9250.00	49.47	101.03	9171.36	-216.60	31.28	29.76	12.00	594271.56	696242.48	
9275.00	52.34	99.91	9187.13	-220.12	50.35	48.81	12.00	594268.04	696261.55	
9300.00	55.22	98.86	9201.90	-223.40	70.25	68.69	12.00	594264.76	696281.45	
9325.00	58.10	97.89	9215.64	-226.44	90.91	89.33	12.00	594261.72	696302.11	
9350.00	61.00	96.98	9228.31	-229.23	112.28	110.67	12.00	594258.93	696323.48	
9375.00	63.90	96.12	9239.87	-231.76	134.29	132.67	12.00	594256.40	696345.49	
9400.00	66.81	95.30	9250.29	-234.02	156.90	155.26	12.00	594254.14	696368.10	
9425.00	69.72	94.51	9259.55	-236.00	180.04	178.38	12.00	594252.16	696391.24	
9450.00	72.63	93.76	9267.62	-237.71	203.63	201.97	12.00	594250.45	696414.83	
9475.00	75.55	93.02	9274.47	-239.13	227.63	225.96	12.00	594249.03	696438.83	
9500.00	78.46	92.31	9280.09	-240.26	251.96	250.28	12.00	594247.90	696463.16	
9525.00	81.38	91.61	9284.47	-241.10	276.56	274.87	12.00	594247.06	696487.76	
9550.00	84.31	90.92	9287.58	-241.65	301.36	299.66	12.00	594246.51	696512.56	
9575.00	87.23	90.24	9289.43	-241.90	326.28	324.59	12.00	594246.26	696537.48	
9598.72	90.00	89.60	9290.00	-241.87	349.99	348.29	12.00	594246.29	696561.19	350 VS
9600.00	90.00	89.60	9290.00	-241.86	351.27	349.58	0.00	594246.30	696562.47	
9700.00	90.00	89.60	9290.00	-241.16	451.27	449.58	0.00	594247.00	696662.47	
9800.00	90.00	89.60	9290.00	-240.46	551.27	549.58	0.00	594247.70	696762.47	
9900.00	90.00	89.60	9290.00	-239.77	651.27	649.58	0.00	594248.39	696862.47	
10000.00	90.00	89.60	9290.00	-239.07	751.26	749.58	0.00	594249.09	696962.46	
10100.00	90.00	89.60	9290.00	-238.37	851.26	849.58	0.00	594249.79	697062.46	
10200.00	90.00	89.60	9290.00	-237.67	951.26	949.58	0.00	594250.49	697162.46	
10300.00	90.00	89.60	9290.00	-236.97	1051.26	1049.58	0.00	594251.19	697262.46	
10400.00	90.00	89.60	9290.00	-236.27	1151.26	1149.58	0.00	594251.89	697362.46	
10500.00	90.00	89.60	9290.00	-235.57	1251.25	1249.58	0.00	594252.59	697462.45	
10600.00	90.00	89.60	9290.00	-234.87	1351.25	1349.58	0.00	594253.29	697562.45	
10700.00	90.00	89.60	9290.00	-234.18	1451.25	1449.58	0.00	594253.98	697662.45	
10800.00	90.00	89.60	9290.00	-233.48	1551.25	1549.58	0.00	594254.68	697762.45	
10900.00	90.00	89.60	9290.00	-232.78	1651.24	1649.58	0.00	594255.38	697862.44	
11000.00	90.00	89.60	9290.00	-232.08	1751.24	1749.58	0.00	594256.08	697962.44	
11100.00	90.00	89.60	9290.00	-231.38	1851.24	1849.58	0.00	594256.78	698062.44	
11200.00	90.00	89.60	9290.00	-230.68	1951.24	1949.58	0.00	594257.48	698162.44	
11300.00	90.00	89.60	9290.00	-229.98	2051.23	2049.58	0.00	594258.18	698262.43	
11400.00	90.00	89.60	9290.00	-229.28	2151.23	2149.58	0.00	594258.88	698362.43	

Weatherford International Ltd.

WFT Plan Report - X & Y's

Company: Devon Energy	Date: 11/16/2012	Time: 08:16:35	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Spica 25 Federal #2H, Grid North	
Site: Spica 25 Federal #2H	Vertical (TVD) Reference:	SITE 3510.0	
Well: Spica 25 Federal #2H	Section (VS) Reference:	Well (0.00N,0.00E,89.60Azi)	
Wellpath: 1	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
11500.00	90.00	89.60	9290.00	-228.59	2251.23	2249.58	0.00	594259.57	698462.43	
11600.00	90.00	89.60	9290.00	-227.89	2351.23	2349.58	0.00	594260.27	698562.43	
11700.00	90.00	89.60	9290.00	-227.19	2451.22	2449.58	0.00	594260.97	698662.42	
11800.00	90.00	89.60	9290.00	-226.49	2551.22	2549.58	0.00	594261.67	698762.42	
11900.00	90.00	89.60	9290.00	-225.79	2651.22	2649.58	0.00	594262.37	698862.42	
12000.00	90.00	89.60	9290.00	-225.09	2751.22	2749.58	0.00	594263.07	698962.42	
12100.00	90.00	89.60	9290.00	-224.39	2851.21	2849.58	0.00	594263.77	699062.41	
12200.00	90.00	89.60	9290.00	-223.70	2951.21	2949.58	0.00	594264.46	699162.41	
12300.00	90.00	89.60	9290.00	-223.00	3051.21	3049.58	0.00	594265.16	699262.41	
12400.00	90.00	89.60	9290.00	-222.30	3151.21	3149.58	0.00	594265.86	699362.41	
12500.00	90.00	89.60	9290.00	-221.60	3251.20	3249.58	0.00	594266.56	699462.40	
12600.00	90.00	89.60	9290.00	-220.90	3351.20	3349.58	0.00	594267.26	699562.40	
12615.42	90.00	89.60	9290.00	-220.79	3366.62	3365.00	0.00	594267.37	699577.82	Build
12662.63	91.42	89.60	9289.42	-220.46	3413.82	3412.20	3.00	594267.70	699625.02	Hold
12700.00	91.42	89.60	9288.49	-220.20	3451.18	3449.56	0.00	594267.96	699662.38	
12800.00	91.42	89.60	9286.02	-219.50	3551.15	3549.53	0.00	594268.66	699762.35	
12900.00	91.42	89.60	9283.55	-218.81	3651.12	3649.50	0.00	594269.35	699862.32	
13000.00	91.42	89.60	9281.08	-218.11	3751.08	3749.47	0.00	594270.05	699962.28	
13100.00	91.42	89.60	9278.61	-217.41	3851.05	3849.44	0.00	594270.75	700062.25	
13200.00	91.42	89.60	9276.14	-216.71	3951.02	3949.41	0.00	594271.45	700162.22	
13300.00	91.42	89.60	9273.66	-216.01	4050.98	4049.38	0.00	594272.15	700262.18	
13400.00	91.42	89.60	9271.19	-215.31	4150.95	4149.35	0.00	594272.85	700362.15	
13500.00	91.42	89.60	9268.72	-214.61	4250.92	4249.32	0.00	594273.55	700462.12	
13600.00	91.42	89.60	9266.25	-213.92	4350.89	4349.29	0.00	594274.24	700562.09	
13700.00	91.42	89.60	9263.78	-213.22	4450.85	4449.26	0.00	594274.94	700662.05	
13800.00	91.42	89.60	9261.31	-212.52	4550.82	4549.23	0.00	594275.64	700762.02	
13852.88	91.42	89.60	9260.00	-212.15	4603.68	4602.09	0.00	594276.01	700814.88	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 (1240x50)		9260.00	-212.15	4603.68	594276.01	700814.88	32 37 57.511 N	103 48 55.041 W
350 VS	-Rectangle (3020x50)		9290.00	-241.87	349.99	594246.29	696561.19	32 37 57.420 N	103 49 44.785 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7711.58	7708.43	Tie On VES
7891.35	7888.20	Nudge
8398.70	8389.85	Hold
8786.48	8764.41	Build/12's
9598.72	9290.00	LP
12615.42	9290.00	Build
12662.63	9289.42	Hold
13852.87	9260.00	PBHL

Weatherford International Ltd.

WFT Plan Report - X & Y's

Company: Devon Energy	Date: 11/16/2012	Time: 08:16:35	Page: 4
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: Spica 25 Federal #2H, Grid North		
Site: Spica 25 Federal #2H	Vertical (TVD) Reference: SITE 3510.0		
Well: Spica 25 Federal #2H	Section (VS) Reference: Well (0.00N,0.00E,89.60Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

Weatherford International Ltd.

Anticollision Report

Company: Devon Energy	Date: 11/16/2012	Time: 08:10:51	Page: 1
Field: Eddy Co., NM (NAD 83)			
Reference Site: Spica 25 Federal #2H	Co-ordinate(NE) Reference: Well: Spica 25 Federal #2H, Grid North		
Reference Well: Spica 25 Federal #2H	Vertical (TVD) Reference: SITE 3510.0		
Reference Wellpath:	Db: Sybase		

NO GLOBAL SCAN: Using user defined selection & scan criteria	Reference: Plan: Plan #3
Interpolation Method: Stations	Error Model: ISCWSA Ellipse
Depth Range: 0.00 to 13852.88 ft	Scan Method: Closest Approach 3D
Maximum Radius: 40000.00 ft	Error Surface: Ellipse

Plan: Plan #3	Date Composed: 11/16/2012
Principal: Yes	Version: 1
	Tied-to: User Defined

Summary

<----- Offset Wellpath ----->	Reference	Offset	Ctr-Ctr Edge	Separation	Warning
Site Well Wellpath	MD	MD	Distance	Distance	Factor
	ft	ft	ft	ft	
Exist. Jones A Fed # Exist. Jones A Fed # 1 V0	12600.00	9290.00	576.85	204.28	1.55

Site: Exist. Jones A Fed #2
Well: Exist. Jones A Fed #2
Wellpath: 1 V0

Inter-Site Error: 0.00 ft

Reference	TVD	Offset	MD	TVD	Semi-Major Axis	Ref	Offset	TFO-HS	North	East	Ctr-Ctr Edge	Separation	Warning
MD	ft	MD	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	167.65	352.70	3290.09	3308.94			No Data
96.87	96.87	96.87	96.87	0.10	1.35	167.65	352.70	3290.09	3309.04	3307.58	2273.85		
191.33	191.33	191.33	191.33	0.31	2.67	249.33	352.70	3290.09	3309.20	3306.22	1109.03		
285.79	285.79	285.79	285.79	0.52	4.58	258.96	352.70	3290.09	3309.35	3304.25	648.40		
380.25	380.24	380.24	380.24	0.75	7.45	268.58	352.70	3290.09	3309.44	3301.24	403.58		
474.71	474.69	474.69	474.69	0.98	10.32	280.72	352.70	3290.09	3309.34	3298.04	292.93		
569.17	569.14	569.14	569.14	1.21	13.18	292.84	352.70	3290.09	3308.94	3294.55	229.93		
663.63	663.59	663.59	663.59	1.43	16.05	295.77	352.70	3290.09	3308.34	3290.85	189.21		
758.09	758.04	758.04	758.04	1.66	18.92	300.70	352.70	3290.09	3307.65	3287.07	160.70		
852.55	852.49	852.49	852.49	1.88	21.79	323.91	352.70	3290.09	3306.59	3282.92	139.72		
947.01	946.93	946.93	946.93	2.07	24.66	347.13	352.70	3290.09	3304.87	3278.14	123.67		
1041.47	1041.37	1041.37	1041.37	2.26	27.53	335.91	352.70	3290.09	3302.99	3273.21	110.91		
1135.93	1135.81	1135.81	1135.81	2.48	30.39	324.69	352.70	3290.09	3301.42	3268.56	100.45		
1230.39	1230.26	1230.26	1230.26	2.69	33.26	348.07	352.70	3290.09	3299.99	3264.04	91.79		
1324.85	1324.71	1324.71	1324.71	2.87	36.13	11.46	352.70	3290.09	3298.62	3259.62	84.57		
1419.31	1419.16	1419.16	1419.16	3.04	39.00	20.01	352.70	3290.09	3297.40	3255.36	78.44		
1513.77	1513.61	1513.61	1513.61	3.20	41.87	28.56	352.70	3290.09	3296.30	3251.24	73.15		
1608.23	1608.06	1608.06	1608.06	3.36	44.74	27.65	352.70	3290.09	3295.31	3247.21	68.51		
1702.69	1702.52	1702.52	1702.52	3.54	47.60	22.74	352.70	3290.09	3294.36	3243.21	64.41		
1797.15	1796.97	1796.97	1796.97	3.72	50.47	39.14	352.70	3290.09	3293.22	3239.03	60.77		
1891.61	1891.41	1891.41	1891.41	3.88	53.34	55.55	352.70	3290.09	3291.87	3234.65	57.53		
1986.07	1985.83	1985.83	1985.83	4.05	56.21	30.39	352.70	3290.09	3290.10	3229.84	54.60		
2080.53	2080.26	2080.26	2080.26	4.27	59.08	5.21	352.70	3290.09	3287.73	3224.39	51.91		
2174.99	2174.69	2174.69	2174.69	4.49	61.94	26.90	352.70	3290.09	3285.32	3218.89	49.46		
2269.45	2269.12	2269.12	2269.12	4.69	64.81	48.60	352.70	3290.09	3283.38	3213.89	47.25		
2363.91	2363.55	2363.55	2363.55	4.87	67.68	50.69	352.70	3290.09	3281.90	3209.35	45.24		
2458.37	2457.99	2457.99	2457.99	5.05	70.55	62.77	352.70	3290.09	3280.82	3205.22	43.40		
2552.83	2552.43	2552.43	2552.43	5.23	73.41	63.45	352.70	3290.09	3280.08	3201.44	41.71		
2647.29	2646.88	2646.88	2646.88	5.43	76.28	34.11	352.70	3290.09	3279.25	3197.55	40.13		
2741.75	2741.34	2741.34	2741.34	5.66	79.15	11.30	352.70	3290.09	3278.30	3193.49	38.66		
2836.21	2835.80	2835.80	2835.80	5.90	82.02	348.49	352.70	3290.09	3277.51	3189.59	37.28		
2930.67	2930.25	2930.25	2930.25	6.14	84.89	336.86	352.70	3290.09	3276.91	3185.88	36.00		
3025.13	3024.71	3024.71	3024.71	6.34	87.76	75.22	352.70	3290.09	3276.57	3182.48	34.82		
3119.59	3119.17	3119.17	3119.17	6.46	90.63	116.92	352.70	3290.09	3276.87	3179.78	33.75		
3214.05	3213.60	3213.60	3213.60	6.55	93.49	129.64	352.70	3290.09	3278.11	3178.07	32.77		
3308.51	3308.01	3308.01	3308.01	6.62	96.36	154.46	352.70	3290.09	3280.54	3177.57	31.86		

Weatherford International Ltd.

Anticollision Report

Company:	Devon Energy	Date:	11/16/2012	Time:	08:10:51	Page:	2
Field:	Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Spica 25 Federal #2H, Grid North				
Reference Site:	Spica 25 Federal #2H	Vertical (TVD) Reference:	SITE 3510.0				
Reference Well:	Spica 25 Federal #2H	Db: Sybase					
Reference Wellpath:							

Site: Exist. Jones A Fed #2
 Well: Exist. Jones A Fed #2
 Wellpath: 1 V0

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge Separation		Warning
		MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft	Distance ft	Distance ft	
3402.97	3402.40	3402.40	3402.40	6.68	99.23	174.29	352.70	3290.09	3284.19	3178.30	31.01
3497.43	3496.74	3496.74	3496.74	6.73	102.09	188.34	352.70	3290.09	3288.78	3179.97	30.22
3591.89	3591.04	3591.04	3591.04	6.80	104.96	175.36	352.70	3290.09	3294.26	3182.53	29.48
3686.35	3685.28	3685.28	3685.28	6.88	107.82	165.09	352.70	3290.09	3300.57	3185.90	28.78
3780.81	3779.46	3779.46	3779.46	6.97	110.68	155.84	352.70	3290.09	3307.48	3189.85	28.12
3875.27	3873.62	3873.62	3873.62	7.07	113.54	166.58	352.70	3290.09	3314.60	3194.01	27.49
3969.73	3967.81	3967.81	3967.81	7.18	116.40	159.26	352.70	3290.09	3321.31	3197.76	26.88
4064.19	4062.05	4062.05	4062.05	7.29	119.26	151.40	352.70	3290.09	3327.25	3200.71	26.29
4158.65	4156.31	4156.31	4156.31	7.43	122.12	143.56	352.70	3290.09	3332.38	3202.84	25.73
4253.11	4250.60	4250.60	4250.60	7.56	124.99	157.45	352.70	3290.09	3337.26	3204.73	25.18
4347.57	4344.92	4344.92	4344.92	7.69	127.85	167.32	352.70	3290.09	3342.29	3206.76	24.66
4442.03	4439.25	4439.25	4439.25	7.83	130.71	164.35	352.70	3290.09	3346.93	3208.39	24.16
4536.49	4533.63	4533.63	4533.63	7.98	133.58	151.38	352.70	3290.09	3350.73	3209.18	23.67
4630.95	4628.02	4628.02	4628.02	8.14	136.45	131.74	352.70	3290.09	3353.56	3208.99	23.20
4725.41	4722.42	4722.42	4722.42	8.32	139.31	106.11	352.70	3290.09	3355.20	3207.58	22.73
4819.87	4816.83	4816.83	4816.83	8.51	142.18	92.68	352.70	3290.09	3355.72	3205.03	22.27
4914.33	4911.28	4911.28	4911.28	8.71	145.05	54.22	352.70	3290.09	3355.36	3201.61	21.82
5008.79	5005.73	5005.73	5005.73	8.90	147.92	347.70	352.70	3290.09	3354.27	3197.46	21.39
5103.25	5100.18	5100.18	5100.18	9.06	150.79	300.18	352.70	3290.09	3353.24	3193.40	20.98
5197.71	5194.63	5194.63	5194.63	9.19	153.65	285.29	352.70	3290.09	3352.74	3189.90	20.59
5292.17	5289.08	5289.08	5289.08	9.33	156.52	280.41	352.70	3290.09	3352.51	3186.66	20.21
5386.63	5383.54	5383.54	5383.54	9.47	159.39	270.36	352.70	3290.09	3352.43	3183.58	19.85
5481.09	5478.00	5478.00	5478.00	9.61	162.26	290.31	352.70	3290.09	3352.26	3180.39	19.51
5575.55	5572.45	5572.45	5572.45	9.77	165.13	287.31	352.70	3290.09	3351.96	3177.07	19.17
5670.01	5666.91	5666.91	5666.91	9.92	168.00	282.31	352.70	3290.09	3351.74	3173.83	18.84
5764.47	5761.36	5761.36	5761.36	10.08	170.87	280.73	352.70	3290.09	3351.60	3170.66	18.52
5858.93	5855.82	5855.82	5855.82	10.24	173.73	272.15	352.70	3290.09	3351.54	3167.57	18.22
5953.39	5950.28	5950.28	5950.28	10.40	176.60	274.08	352.70	3290.09	3351.52	3164.53	17.92
6047.85	6044.74	6044.74	6044.74	10.56	179.47	267.03	352.70	3290.09	3351.52	3161.49	17.64
6142.31	6139.20	6139.20	6139.20	10.73	182.34	264.74	352.70	3290.09	3351.53	3158.48	17.36
6236.77	6233.66	6233.66	6233.66	10.90	185.21	278.46	352.70	3290.09	3351.52	3155.43	17.09
6331.23	6328.12	6328.12	6328.12	11.08	188.08	313.09	352.70	3290.09	3351.36	3152.21	16.83
6425.69	6422.58	6422.58	6422.58	11.27	190.95	317.72	352.70	3290.09	3351.02	3148.82	16.57
6520.15	6517.04	6517.04	6517.04	11.46	193.81	327.93	352.70	3290.09	3350.66	3145.39	16.32
6614.61	6611.50	6611.50	6611.50	11.66	196.68	318.15	352.70	3290.09	3350.39	3142.05	16.08
6709.07	6705.96	6705.96	6705.96	11.85	199.55	309.45	352.70	3290.09	3350.19	3138.79	15.85
6803.53	6800.42	6800.42	6800.42	12.05	202.42	290.75	352.70	3290.09	3350.04	3135.58	15.62
6897.99	6894.88	6894.88	6894.88	12.24	205.29	284.55	352.70	3290.09	3349.94	3132.42	15.40
6992.45	6989.34	6989.34	6989.34	12.44	208.16	298.33	352.70	3290.09	3349.83	3129.24	15.19
7086.91	7083.80	7083.80	7083.80	12.64	211.03	306.46	352.70	3290.09	3349.61	3125.96	14.98
7181.37	7178.25	7178.25	7178.25	12.84	213.89	304.61	352.70	3290.09	3349.31	3122.58	14.77
7275.83	7272.71	7272.71	7272.71	13.04	216.76	300.42	352.70	3290.09	3348.88	3119.08	14.57
7370.29	7367.16	7367.16	7367.16	13.25	219.63	286.24	352.70	3290.09	3348.41	3115.54	14.38
7464.75	7461.61	7461.61	7461.61	13.44	222.50	272.31	352.70	3290.09	3348.17	3112.23	14.19
7559.21	7556.06	7556.06	7556.06	13.63	225.37	248.63	352.70	3290.09	3348.32	3109.33	14.01
7653.67	7650.52	7650.52	7650.52	13.80	228.24	230.59	352.70	3290.09	3348.64	3106.60	13.84
7711.58	7708.43	7708.43	7708.43	13.89	230.00	74.28	352.70	3290.09	3348.69	3104.81	13.73
7800.00	7796.85	7796.85	7796.85	13.96	232.68	74.28	352.70	3290.09	3348.59	3101.96	13.58
7891.35	7888.20	7888.20	7888.20	13.96	235.45	74.29	352.70	3290.09	3348.50	3099.09	13.43
7900.00	7896.85	7896.85	7896.85	13.96	235.72	173.89	352.70	3290.09	3348.50	3098.83	13.41
8000.00	7996.80	7996.80	7996.80	13.96	238.75	233.41	352.70	3290.09	3350.16	3097.45	13.26

Weatherford International Ltd.

Anticollision Report

Company:	Devon Energy	Date:	11/16/2012	Time:	08:10:51	Page:	3
Field:	Eddy Co., NM (NAD 83)						
Reference Site:	Spica 25 Federal #2H						
Reference Well:	Spica 25 Federal #2H	Co-ordinate(NE) Reference: Well: Spica 25 Federal #2H, Grid North					
Reference Wellpath#:		Vertical (TVD) Reference: SITE 3510.0					
							Db: Sybase

Site: Exist. Jones A Fed #2
Well: Exist. Jones A Fed #2
Wellpath: 1 VO

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				
8100.00	8096.47	8096.47	8096.47	13.97	241.78	234.13	352.70	3290.09	3354.84	3099.10	13.12	
8200.00	8195.60	8195.60	8195.60	13.99	244.79	234.38	352.70	3290.09	3362.54	3103.80	13.00	
8300.00	8293.90	8293.90	8293.90	14.02	247.78	234.52	352.70	3290.09	3373.30	3111.56	12.89	
8398.70	8389.85	8389.85	8389.85	14.07	250.69	234.61	352.70	3290.09	3386.93	3122.27	12.80	
8400.00	8391.11	8391.11	8391.11	14.07	250.73	234.61	352.70	3290.09	3387.13	3122.43	12.80	
8500.00	8487.70	8487.70	8487.70	14.14	253.66	234.26	352.70	3290.09	3402.54	3134.84	12.71	
8600.00	8584.29	8584.29	8584.29	14.23	256.59	233.91	352.70	3290.09	3418.07	3147.37	12.63	
8700.00	8680.88	8680.88	8680.88	14.34	259.53	233.57	352.70	3290.09	3433.72	3160.01	12.54	
8786.48	8764.41	8764.41	8764.41	14.45	262.06	233.28	352.70	3290.09	3447.36	3171.02	12.48	
8800.00	8777.49	8777.49	8777.49	14.47	262.46	238.83	352.70	3290.09	3449.31	3172.54	12.46	
8825.00	8801.77	8801.77	8801.77	14.49	263.20	250.41	352.70	3290.09	3451.94	3174.37	12.44	
8850.00	8826.12	8826.12	8826.12	14.50	263.94	263.10	352.70	3290.09	3453.28	3174.93	12.41	
8875.00	8850.46	8850.46	8850.46	14.49	264.68	275.70	352.70	3290.09	3453.33	3174.22	12.37	
8900.00	8874.73	8874.73	8874.73	14.48	265.41	287.05	352.70	3290.09	3452.09	3172.24	12.34	
8925.00	8898.87	8898.87	8898.87	14.46	266.15	296.56	352.70	3290.09	3449.58	3168.98	12.29	
8950.00	8922.80	8922.80	8922.80	14.44	266.87	304.18	352.70	3290.09	3445.78	3164.48	12.25	
8975.00	8946.46	8946.46	8946.46	14.41	267.59	310.17	352.70	3290.09	3440.73	3158.73	12.20	
9000.00	8969.79	8969.79	8969.79	14.38	268.30	314.87	352.70	3290.09	3434.42	3151.75	12.15	
9025.00	8992.72	8992.72	8992.72	14.36	269.00	318.55	352.70	3290.09	3426.88	3143.56	12.10	
9050.00	9015.20	9015.20	9015.20	14.36	269.68	321.45	352.70	3290.09	3418.13	3134.18	12.04	
9075.00	9037.15	9037.15	9037.15	14.37	270.35	323.73	352.70	3290.09	3408.20	3123.64	11.98	
9100.00	9058.52	9058.52	9058.52	14.39	271.00	325.52	352.70	3290.09	3397.10	3111.96	11.91	
9125.00	9079.25	9079.25	9079.25	14.41	271.63	326.90	352.70	3290.09	3384.88	3099.18	11.85	
9150.00	9099.28	9099.28	9099.28	14.45	272.23	327.96	352.70	3290.09	3371.57	3085.32	11.78	
9175.00	9118.56	9118.56	9118.56	14.50	272.82	328.72	352.70	3290.09	3357.20	3070.43	11.71	
9200.00	9137.03	9137.03	9137.03	14.55	273.38	329.22	352.70	3290.09	3341.81	3054.54	11.63	
9225.00	9154.65	9154.65	9154.65	14.62	273.92	329.48	352.70	3290.09	3325.44	3037.70	11.56	
9250.00	9171.36	9171.36	9171.36	14.71	274.42	329.51	352.70	3290.09	3308.15	3019.94	11.48	
9275.00	9187.13	9187.13	9187.13	14.81	274.90	329.31	352.70	3290.09	3289.97	3001.31	11.40	
9300.00	9201.90	9201.90	9201.90	14.93	275.35	328.87	352.70	3290.09	3270.95	2981.86	11.31	
9325.00	9215.64	9215.64	9215.64	15.07	275.77	328.18	352.70	3290.09	3251.16	2961.64	11.23	
9350.00	9228.31	9228.31	9228.31	15.23	276.15	327.19	352.70	3290.09	3230.63	2940.69	11.14	
9375.00	9239.87	9239.87	9239.87	15.42	276.50	325.86	352.70	3290.09	3209.44	2919.07	11.05	
9400.00	9250.29	9250.29	9250.29	15.63	276.82	324.11	352.70	3290.09	3187.63	2896.82	10.96	
9425.00	9259.55	9259.55	9259.55	15.86	277.10	321.85	352.70	3290.09	3165.26	2873.99	10.87	
9450.00	9267.62	9267.62	9267.62	16.12	277.35	318.92	352.70	3290.09	3142.39	2850.62	10.77	
9475.00	9274.47	9274.47	9274.47	16.40	277.55	315.11	352.70	3290.09	3119.10	2826.75	10.67	
9500.00	9280.09	9280.09	9280.09	16.70	277.72	310.11	352.70	3290.09	3095.43	2802.42	10.56	
9525.00	9284.47	9284.47	9284.47	17.03	277.86	303.49	352.70	3290.09	3071.45	2777.68	10.46	
9550.00	9287.58	9287.58	9287.58	17.38	277.95	294.70	352.70	3290.09	3047.24	2752.58	10.34	
9575.00	9289.43	9289.43	9289.43	17.74	278.01	283.27	352.70	3290.09	3022.84	2727.31	10.23	
9598.72	9290.00	9290.00	9290.00	18.10	278.03	270.00	352.70	3290.09	2999.60	2703.47	10.13	
9600.00	9290.00	9290.00	9290.00	18.12	278.03	270.00	352.70	3290.09	2998.33	2702.19	10.12	
9700.00	9290.00	9290.00	9290.00	19.88	278.03	270.00	352.70	3290.09	2900.25	2602.34	9.74	
9800.00	9290.00	9290.00	9290.00	21.85	278.03	270.00	352.70	3290.09	2802.30	2502.42	9.34	
9900.00	9290.00	9290.00	9290.00	23.98	278.03	270.00	352.70	3290.09	2704.49	2402.49	8.96	
10000.00	9290.00	9290.00	9290.00	26.22	278.03	270.00	352.70	3290.09	2606.86	2302.61	8.57	
10100.00	9290.00	9290.00	9290.00	28.55	278.03	270.00	352.70	3290.09	2509.41	2202.83	8.19	
10200.00	9290.00	9290.00	9290.00	30.95	278.03	270.00	352.70	3290.09	2412.17	2103.19	7.81	
10300.00	9290.00	9290.00	9290.00	33.41	278.03	270.00	352.70	3290.09	2315.16	2003.73	7.43	
10400.00	9290.00	9290.00	9290.00	35.91	278.03	270.00	352.70	3290.09	2218.42	1904.49	7.07	

Weatherford International Ltd.

Anticollision Report

Company:	Devon Energy	Date:	11/16/2012	Time:	08:10:51	Page:	4
Field:	Eddy Co., NM (NAD 83)						
Reference Site:	Spica 25 Federal #2H						
Reference Well:	Spica 25 Federal #2H						
Reference Wellpath#:							
		Co-ordinate(NE) Reference:				Well: Spica 25 Federal #2H, Grid North	
		Vertical (TVD) Reference:				SITE 3510.0	
							Db: Sybase

Site: Exist. Jones A Fed #2
Well: Exist. Jones A Fed #2
Wellpath: 1 VO

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		
10500.00	9290.00	9290.00	9290.00	38.44	278.03	270.00	352.70	3290.09	2121.99	1805.52	6.71	
10600.00	9290.00	9290.00	9290.00	41.01	278.03	270.00	352.70	3290.09	2025.90	1706.87	6.35	
10700.00	9290.00	9290.00	9290.00	43.59	278.03	270.00	352.70	3290.09	1930.20	1608.59	6.00	
10800.00	9290.00	9290.00	9290.00	46.20	278.03	270.00	352.70	3290.09	1834.97	1510.75	5.66	
10900.00	9290.00	9290.00	9290.00	48.82	278.03	270.00	352.70	3290.09	1740.27	1413.42	5.32	
11000.00	9290.00	9290.00	9290.00	51.45	278.03	270.00	352.70	3290.09	1646.19	1316.72	5.00	
11100.00	9290.00	9290.00	9290.00	54.10	278.03	270.00	352.70	3290.09	1552.86	1220.74	4.68	
11200.00	9290.00	9290.00	9290.00	56.76	278.03	270.00	352.70	3290.09	1460.41	1125.63	4.36	
11300.00	9290.00	9290.00	9290.00	59.43	278.03	270.00	352.70	3290.09	1369.03	1031.58	4.06	
11400.00	9290.00	9290.00	9290.00	62.10	278.03	270.00	352.70	3290.09	1278.93	938.80	3.76	
11500.00	9290.00	9290.00	9290.00	64.78	278.03	270.00	352.70	3290.09	1190.41	847.61	3.47	
11600.00	9290.00	9290.00	9290.00	67.47	278.03	270.00	352.70	3290.09	1103.86	758.37	3.20	
11700.00	9290.00	9290.00	9290.00	70.16	278.03	270.00	352.70	3290.09	1019.77	671.59	2.93	
11800.00	9290.00	9290.00	9290.00	72.86	278.03	270.00	352.70	3290.09	938.81	587.92	2.68	
11900.00	9290.00	9290.00	9290.00	75.56	278.03	270.00	352.70	3290.09	861.85	508.27	2.44	
12000.00	9290.00	9290.00	9290.00	78.26	278.03	270.00	352.70	3290.09	790.07	433.78	2.22	
12100.00	9290.00	9290.00	9290.00	80.97	278.03	270.00	352.70	3290.09	725.00	366.01	2.02	
12200.00	9290.00	9290.00	9290.00	83.68	278.03	270.00	352.70	3290.09	668.62	306.92	1.85	
12300.00	9290.00	9290.00	9290.00	86.39	278.03	270.00	352.70	3290.09	623.28	258.86	1.71	
12400.00	9290.00	9290.00	9290.00	89.11	278.03	270.00	352.70	3290.09	591.53	224.39	1.61	
12500.00	9290.00	9290.00	9290.00	91.83	278.03	270.00	352.70	3290.09	575.61	205.76	1.56	
12600.00	9290.00	9290.00	9290.00	94.55	278.03	270.00	352.70	3290.09	576.85	204.28	1.55	
12615.42	9290.00	9290.00	9290.00	94.97	278.03	270.00	352.70	3290.09	578.58	205.59	1.55	
12662.63	9289.42	9289.42	9289.42	96.25	278.01	270.30	352.70	3290.09	586.37	212.11	1.57	
12700.00	9288.49	9288.49	9288.49	97.27	277.98	270.39	352.70	3290.09	595.13	219.88	1.59	
12800.00	9286.02	9286.02	9286.02	99.99	277.90	270.63	352.70	3290.09	628.95	251.07	1.66	
12900.00	9283.55	9283.55	9283.55	102.72	277.83	270.88	352.70	3290.09	676.00	295.47	1.78	
13000.00	9281.08	9281.08	9281.08	105.44	277.75	271.13	352.70	3290.09	733.73	350.56	1.91	
13100.00	9278.61	9278.61	9278.61	108.17	277.68	271.37	352.70	3290.09	799.83	414.02	2.07	
13200.00	9276.14	9276.14	9276.14	110.90	277.60	271.62	352.70	3290.09	872.40	483.95	2.25	
13300.00	9273.66	9273.66	9273.66	113.63	277.53	271.87	352.70	3290.09	949.96	558.87	2.43	
13400.00	9271.19	9271.19	9271.19	116.36	277.45	272.11	352.70	3290.09	1031.39	637.66	2.62	
13500.00	9268.72	9268.72	9268.72	119.09	277.38	272.36	352.70	3290.09	1115.83	719.47	2.82	
13600.00	9266.25	9266.25	9266.25	121.82	277.30	272.61	352.70	3290.09	1202.66	803.66	3.01	
13700.00	9263.78	9263.78	9263.78	124.55	277.23	272.85	352.70	3290.09	1291.39	889.76	3.22	
13800.00	9261.31	9261.31	9261.31	127.29	277.15	273.10	352.70	3290.09	1381.65	977.40	3.42	
13852.88	9260.00	9260.00	9260.00	128.73	277.11	273.23	352.70	3290.09	1429.91	1024.26	3.53	



Weatherford®

Weatherford Drilling Services

GeoDec v5.03

Report Date: October 08, 2012
 Job Number: _____
 Customer: Devon Energy
 Well Name: Spica 25 Federal #2H
 API Number: _____
 Rig Name: _____
 Location: Eddy Co., NM
 Block: _____
 Engineer: RWJ

US State Plane 1983	Geodetic Latitude / Longitude
System: New Mexico Eastern Zone	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: North American Datum 1983	Datum: North American Datum 1983
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
North/South 594488.160 USFT	Latitude 32.6332892 DEG
East/West 696211.200 USFT	Longitude -103.8302356 DEG
Grid Convergence: .27°	
Total Correction: +7.28°	

Geodetic Location WGS84 Elevation = 0.0 Meters
 Latitude = 32.63329° N 32° 37 min 59.841 sec
 Longitude = 103.83024° W 103° 49 min 48.848 sec

Magnetic Declination =	7.55°	[True North Offset]	
Local Gravity =	.9988 g	Checksum =	6690
Local Field Strength =	48706 nT	Magnetic Vector X =	23787 nT
Magnetic Dip =	60.48°	Magnetic Vector Y =	3154 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z =	42385 nT
Spud Date =	Dec 15, 2012	Magnetic Vector H =	23996 nT

Signed: _____ Date: _____