

4-20-11 DATE IN	SUSPENSE	ENGINEER DB	LOGGED IN 4/21/11	TYPE NSL	APP NO. 111151137
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Devon 6137

Trinity 6 Feb #3HY

ADMINISTRATIVE APPLICATION CHECKLIST

30-075-40105

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]

[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]

[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]

[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]

[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]

[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners[B] ☐ Offset Operators, Leaseholders or Surface Owner[C] ☐ Application is One Which Requires Published Legal Notice[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Sam McCurdy

Print or Type Name

Signature

Landman

Title

4/20/2011

Date

Sam.McCurdy@devn.com

e-mail Address

NSL-6312
wildcat Bone Springs
97838



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Fax: 405-552-8113

FAX

To: David Brooks

From: Sam McCurdy
Office: 405-228-2406

Fax: 505-476-3462

Date: April 20, 2011

Phone:

Pages: 20 (including cover page)

Re: Trionyx 6 Federal #3HY

CC:

☐ Urgent

☒ For Review

☐ Please Comment

☐ Please Reply

☐ Please Recycle

● Comments:



Sam McCurdy
Landman

Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Phone 405-228-2406
Fax 405-552-8113

April 20, 2011

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: David Brooks

RE: Trionyx 6 Federal #3HY
Section 6-T25S-R32E
Lea County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, received administrative approval for an unorthodox location for the Trionyx 6 Federal Well No. 3H on December 27, 2010 with Administrative Order NSL-6312. The SHL included within the approved application had to be moved 25' west because the auger drilling the conductor became stuck in the hole and had to be cut and cement into the original hole. As reflected on the attached C-102, the amended surface location is 200' FSL and 1015' FWL with a permitted bottom hole location of 330' FNL and 1650' FWL of Section 6, Township 25 South, Range 32 East, Lea County, NM. Devon will penetrate the top of the target Bone Spring formation at 106' FSL & 1197' FWL and will continue drilling through the target formation with the horizontal portion of the wellbore. According to the Division rules the above mentioned penetration point would be classified as a non-standard location.

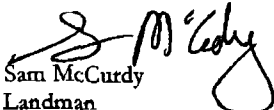
Although the target formation will be penetrated at a non-standard location, the highest perforation in the well will not occur closer than 330' FSL. Devon respectfully requests that the Commission administratively approve this amended application for a non-standard location in accordance with Division Rule 104(F) (3). The project area for this well was established to cover all of Section 6-T25S-R32 East, and therefore this non-standard SHL affects the leasehold owner in Unit letters D and C of Section 7 T25S-R32E, Lea County, NM. Devon is the owner of 50% of the operating rights to Federal Lease NM-061863 which covers Unit letters D and C among other lands. The owner of the other 50% interest for all affected lands, XTO Energy, Inc. was given notice prior to the initial application. Therefore, no additional notification of this application should be required as this non-standard location will only affect the same party who was given notice prior to the approval of the initial application.

Attached for your review you will find a copy of Administrative Order NSL-6312, a structure map of the Bone Spring formation, an amended Weatherford Drilling Services drilling plan, a land plat reflecting the affected parties and an amended State of New Mexico form C-102.

Feel free to contact the undersigned at (405) 228-2406 if there are any concerns or questions regarding this application.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.


Sam McCurdy
Landman

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Jim Noel
Cabinet Secretary

Karen W. Garcia
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



December 27, 2010

Devon Energy Production Company, L.P.
Attn: Sam McCurdy
20 North Broadway
Oklahoma City, OK 73102-8260

Administrative Order NSL-6312

Re: Trionyx 6 Federal Well No. 1H
API No. 30-025
200 feet FSL & 940 FWL
Unit M, Section 6-25S-32E
Lea County, New Mexico

Trionyx 6 Federal Well No. 2H
API No. 30-025
200 feet FSL & 990 FWL
Unit M, Section 6-25S-32E
Lea County, New Mexico

Trionyx 6 Federal Well No. 3H
API No. 30-025
200 feet FSL & 1040 FWL
Unit M, Section 6-25S-32E
Lea County, New Mexico

Trionyx 6 Federal Well No. 4H
API No. 30-025
200 feet FSL & 2360 FEL
Unit O, Section 6-25S-32E
Lea County, New Mexico

Oil Conservation Division
1220 South St. Francis Drive • Santa Fe, New Mexico 87505
Phone (505) 476-3440 • Fax (505) 476-3462 • www.emnrd.state.nm.us/OCD



December 22, 2010
Page 2

Trionyx 6 Federal Well No. 5H
API No. 30-025
200 feet FSL & 2310 FEL
Unit O, Section 6-25S-32E
Lea County, New Mexico

Trionyx 6 Federal Well No. 6H
API No. 30-025
200 feet FSL & 2260 FEL
Unit O, Section 6-25S-32E
Lea County, New Mexico

Trionyx 6 Federal Well No. 7H
API No. 30-025
200 feet FSL & 685 FEL
Unit P, Section 6-25S-32E
Lea County, New Mexico

Trionyx 6 Federal Well No. 8H
API No. 30-025
200 feet FSL & 636 FEL
Unit P, Section 6-25S-32E
Lea County, New Mexico

Dear Mr. McCurdy:

Reference is made to the following:

(a) your application (administrative application reference No. pTGW10-34928063) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on December 1, 2010, and

(b) the Division's records pertinent to this request.

Devon Energy Production Company, L.P. (Devon) has requested to drill the above-referenced wells as horizontal wells in the Bone Spring formation, at locations that will be unorthodox under Division Rule 16.14.B(2). The proposed surface locations, points of penetration and termini of the wells are as follows:

Well No. 1H:

Surface Location:	200 feet from the South line and 940 feet from the West line (Unit M) of Section 6, Township 25S, Range 32E, NMPM, Lea County, New Mexico
Point of Penetration:	113 feet from the South line and 807 feet from the West line (Unit M) of said section
Terminus	330 feet from the North line and 330 feet from the West line (Unit D) of said section

December 22, 2010
Page 3

Well No. 2H:

Surface Location: 200 feet from the South line and 990 feet from the West line
(Unit M) of Section 6, Township 25S, Range 32E, NMPM,
Lea County, New Mexico

Point of Penetration: same as surface location

Terminus 330 feet from the North line and 995 feet from the West line
(Unit D) of said section

Well No. 3H:

Surface Location: 200 feet from the South line and 1040 feet from the West line
(Unit M) of Section 6, Township 25S, Range 32E, NMPM,
Lea County, New Mexico

Point of Penetration: 112 feet from the South line and 1128 feet from the West line
(Unit M) of said section

Terminus 330 feet from the North line and 1650 feet from the West line
(Unit C) of said section

Well No. 4H:

Surface Location: 200 feet from the South line and 2360 feet from the East line
(Unit O) of Section 6, Township 25S, Range 32E, NMPM,
Lea County, New Mexico

Point of Penetration: 191 feet from the South line and 2403 feet from the East line
(Unit O) of said section

Terminus 330 feet from the North line and 2325 feet from the West line
(Unit C) of said section

Well No. 5H:

Surface Location: 200 feet from the South line and 2310 feet from the East line
(Unit O) of Section 6, Township 25S, Range 32E, NMPM,
Lea County, New Mexico

Point of Penetration: same as surface location

Terminus 330 feet from the North line and 2325 feet from the East line
(Unit B) of said section

December 22, 2010
Page 4

Well No. 6H:

Surface Location: 200 feet from the South line and 2260 feet from the East line (Unit O) of Section 6, Township 25S, Range 32E, NMPM, Lea County, New Mexico

Point of Penetration: 193 feet from the South line and 2225 feet from the East line (Unit O) of said section

Terminus 330 feet from the North line and 1650 feet from the East line (Unit B) of said section

Well No. 7H:

Surface Location: 200 feet from the South line and 685 feet from the East line (Unit P) of Section 6, Township 25S, Range 32E, NMPM, Lea County, New Mexico

Point of Penetration: 182 feet from the South line and 717 feet from the East line (Unit P) of said section

Terminus 330 feet from the North line and 995 feet from the East line (Unit A) of said section

Well No. 8H:

Surface Location: 200 feet from the South line and 636 feet from the East line (Unit P) of Section 6, Township 25S, Range 32E, NMPM, Lea County, New Mexico

Point of Penetration: 180 feet from the South line and 599 feet from the East line (Unit P) of said section

Terminus 330 feet from the North line and 330 feet from the East line (Unit A) of said section

All of Section 6 will be dedicated to the above wells to form a 640-acre project area comprising 16 standard, 40-acre wildcat oil spacing units in the Bone Spring formation.

Wildcat locations in the Bone Spring are governed by statewide Rule 15.9.A, which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary. These locations are unorthodox because portions of the producing intervals will be less than 330 feet from the outer boundaries of the project area, and therefore outside the producing areas.

Your application has been duly filed under the provisions of Division Rules 15.13 and 4.12.A(2).

It is our understanding that you are seeking these locations for engineering reasons, in order to maximize the amount of the target horizon within the producing area that can be penetrated by the lateral portion of each wellbore. It is also understood that you have given due notice of this application

December 22, 2010
Page 5

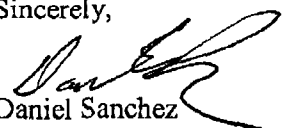
to all operators or owners who are "affected persons," as defined in Rule 4.12.A(2), in all adjoining units towards which the proposed locations encroach.

Pursuant to the authority conferred by Division Rule 15.13.B, the above-described unorthodox locations are hereby approved.

This approval is subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 5.9.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

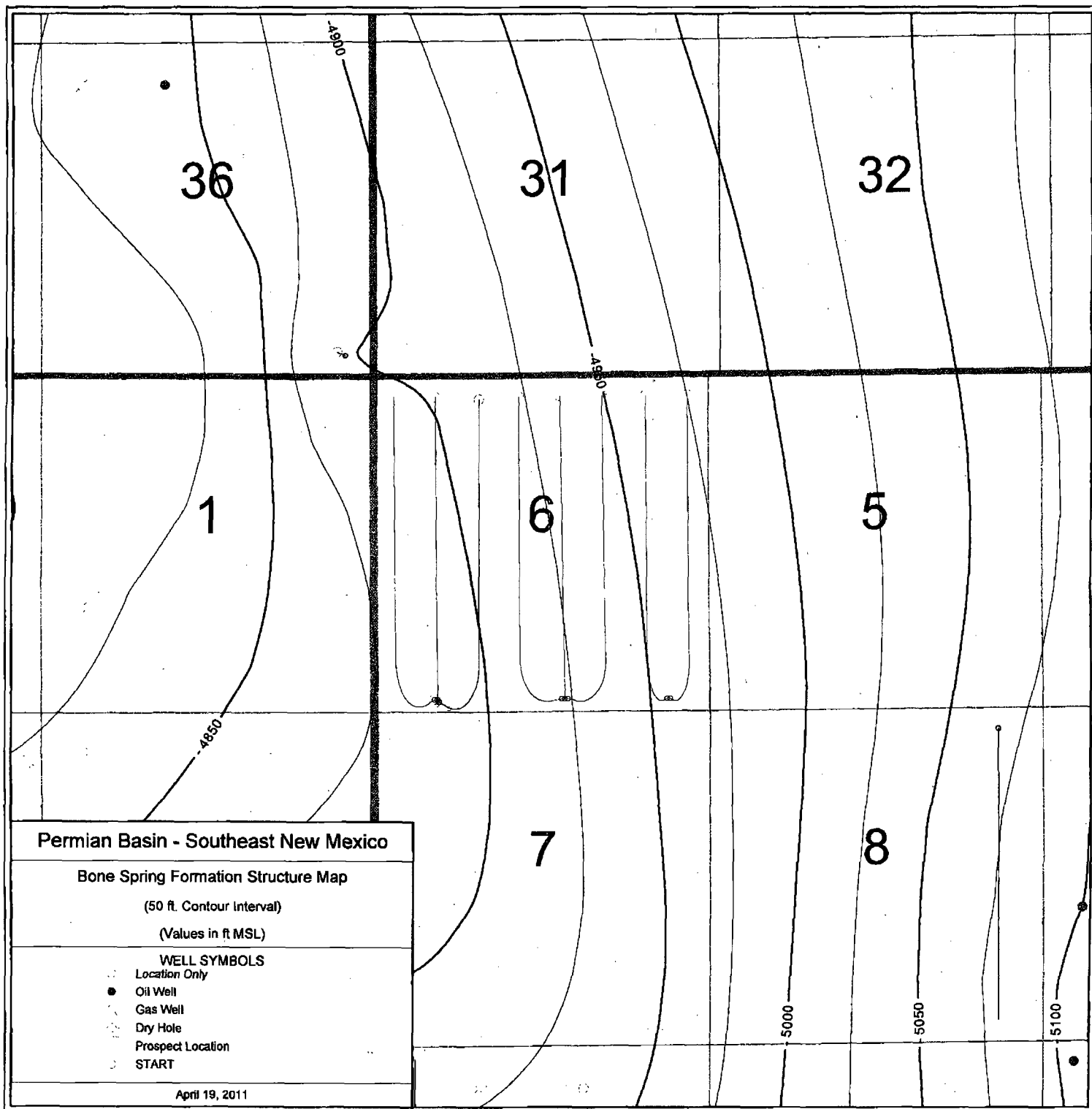
Sincerely,



Daniel Sanchez
Acting Director

DS/db

cc: New Mexico Oil Conservation Division - Hobbs
United States Bureau of Land Management





Weatherford®

Drilling Services

Proposal



devon

TRIONYX 6 FED #3HY

LEA COUNTY, NM

WELL FILE: **PLAN 2**

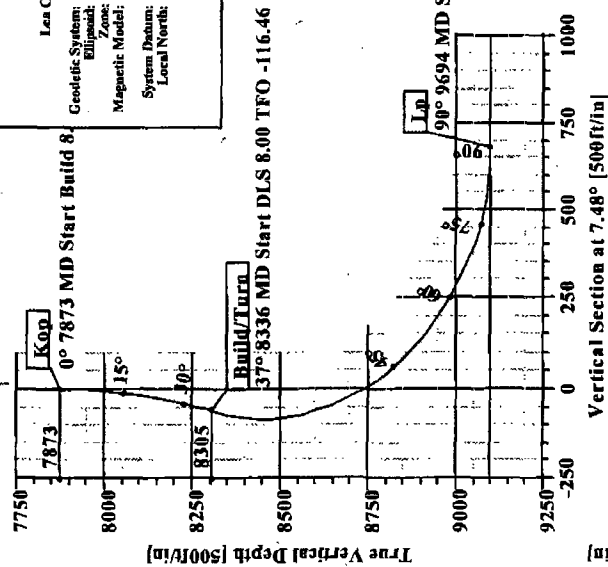
APRIL 12, 2011

Weatherford International, Ltd.
P.O. Box 61028
Midland, TX 79711 USA
+1.432.561.8892 Main
+1.432.561.8895 Fax
www.weatherford.com



Trionyx 6 Fed #3HY
Lea County, New Mexico

KR ELEV: 3462
GL ELEV: 3437



Vertical Section at 7.48° [500ft/in]

SECTION DETAILS

Sec	MD	Loc	Asi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	7872.58	0.00	0.00	7872.58	0.00	0.00	0.00	0.00	0.00	0.00
3	8336.50	37.11	121.85	8304.73	-76.56	123.23	8.00	121.85	-59.87	Heal Tgt
4	9694.39	90.00	359.88	9100.00	603.17	632.29	8.00	-116.46	680.32	Heal Tgt
5	13942.74	90.00	359.88	9100.00	4751.51	623.63	0.00	0.00	4752.36	Pbhl

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shot
Trionyx 6 Fed #3H	0.00	0.00	419751.89	731250.63	32°09'08.950N	103°43'10.844W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Heal Tgt	9100.00	603.17	632.29	420355.06	731882.92	Point
Pbhl	9100.00	4751.51	623.63	424503.40	731874.26	Point

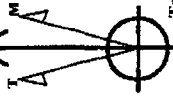
FIELD DETAILS

Lea County, New Mexico (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Datum: NAD 83
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

Trionyx 6 Fed #3HY
Site Centre Northing: 419751.89
Easting: 731250.63
Ground Level: 3447.00
Positional Uncertainty: 0.00
Convergence: 0.33

LEGEND
Trionyx 6 Fed #3H (1)
Trionyx 6 Fed #3H (1)
Plan #2

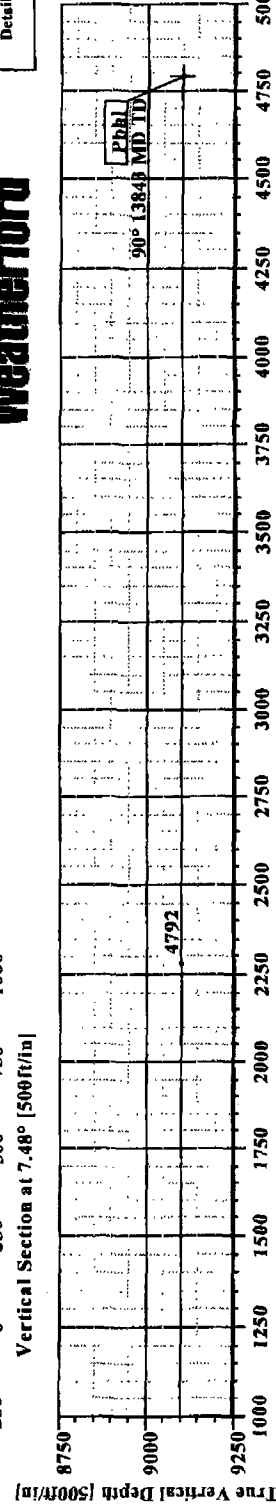


Azimuths to Grid North
True North: -0.33°
Magnetic North: 7.32°
Magnetic Field
Strength: 48.57 uT
Declination: 60.09°
Date: 6/25/2011
Model: IGRF2010

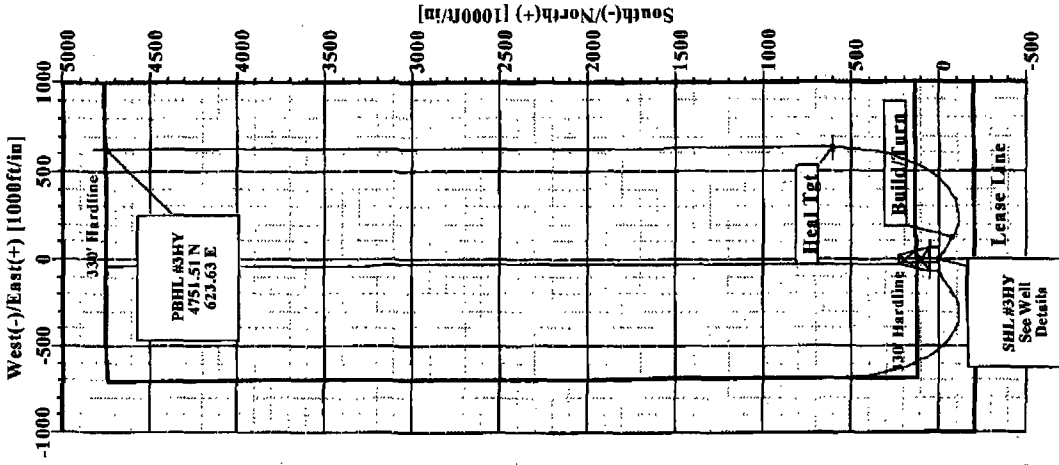
Total Correction to Grid North: 7.32°



Weatherford



Vertical Section at 7.48° [500ft/in]



Plan: Plan #2 (Trionyx 6 Fed #3H/1)

Created By: Russell W. Joyner

Date: 4/12/2011



Weatherford International Ltd.

WFT Plan Report - X & Y's



Company: Devon Energy	Date: 4/12/2011	Time: 13:42:13	Page: 1
Field: Lea County, New Mexico (NAD 83)	Co-ordinate(NE) Reference: Well: Trionyx 6 Fed #3H, Grid North		
Site: Trionyx 6 Fed #3HY	Vertical (TVD) Reference: SITE 3462.0		
Well: Trionyx 6 Fed #3H	Section (VS) Reference: Well (0.00N,0.00E,7.48Az)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #2	Date Composed: 4/12/2011
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Lea County, New Mexico (NAD 83)

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010

Site: Trionyx 6 Fed #3HY

Site Position:	Northing: 419751.89 ft	Latitude: 32 9 8.950 N
From: Map	Easting: 731250.63 ft	Longitude: 103 43 10.844 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3447.00 ft		Grid Convergence: 0.33 deg

Well: Trionyx 6 Fed #3H

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 419751.89 ft	Latitude: 32 9 8.950 N
+E/-W 0.00 ft	Easting: 731250.63 ft	Longitude: 103 43 10.844 W
Position Uncertainty: 0.00 ft		

Wellpath: 1

Current Datum: SITE	Height 3462.00 ft	Drilled From: Surface	Tie-on Depth: 0.00 ft
Magnetic Data: 6/25/2011		Above System Datum: Mean Sea Level	
Field Strength: 48579 nT		Declination: 7.65 deg	
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 60.09 deg	
ft	ft	+E/-W	Direction
		ft	deg
0.00	0.00	0.00	7.48

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	TPO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7872.58	0.00	0.00	7872.58	0.00	0.00	0.00	0.00	0.00	0.00	
8336.50	37.11	121.85	8304.73	-76.56	123.23	8.00	8.00	0.00	121.85	
9694.39	90.00	359.88	9100.00	603.17	632.29	8.00	3.89	-8.98	-116.46	Heal Tgt
13842.74	90.00	359.88	9100.00	4751.51	623.63	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
7800.00	0.00	0.00	7800.00	0.00	0.00	0.00	0.00	419751.89	731250.63	
7872.58	0.00	0.00	7872.58	0.00	0.00	0.00	0.00	419751.89	731250.63	
7900.00	2.19	121.85	7899.99	-0.28	0.45	-0.22	8.00	419751.61	731251.08	Kop
8000.00	10.19	121.85	7999.33	-5.97	9.60	-4.67	8.00	419745.92	731260.23	
8100.00	18.19	121.85	8096.20	-18.90	30.41	-14.78	8.00	419732.99	731281.04	
8200.00	26.19	121.85	8188.71	-38.81	62.47	-30.35	8.00	419713.08	731313.10	
8300.00	34.19	121.85	8275.08	-65.33	105.16	-51.09	8.00	419686.56	731355.79	
8336.50	37.11	121.85	8304.73	-76.56	123.23	-59.87	8.00	419675.33	731373.86	Build/Turn
8400.00	35.10	113.93	8356.06	-94.08	156.21	-72.95	8.00	419657.81	731406.84	
8500.00	33.11	100.08	8438.98	-110.55	209.47	-82.35	8.00	419641.34	731460.10	
8600.00	32.78	85.35	8523.03	-113.14	263.43	-77.90	8.00	419638.75	731514.06	
8700.00	34.15	71.03	8606.59	-101.81	317.04	-59.69	8.00	419650.08	731567.67	
8800.00	37.03	58.18	8688.02	-76.77	369.26	-28.07	8.00	419675.12	731619.89	
8900.00	41.11	47.24	8765.73	-38.51	419.06	16.35	8.00	419713.38	731669.69	
9000.00	46.05	38.10	8838.22	12.22	465.49	72.69	8.00	419764.11	731716.12	
9100.00	51.61	30.45	8904.07	74.44	507.63	139.86	8.00	419826.33	731756.26	



Weatherford International Ltd.

WFT Plan Report - X & Y's


Weatherford

Company: Devon Energy	Date: 4/12/2011	Time: 13:42:13	Page: 2
Field: Lea County, New Mexico (NAD 83)	Co-ordinate(NE) Reference:	Well: Trionyx 6 Fed #3H, Grid North	
Site: Trionyx 6 Fed #3HY	Vertical (TVD) Reference:	SITE: 3462.0	
Well: Trionyx 6 Fed #3H	Section (VS) Reference:	Well (0.00N,0.00E 7.48Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	ft	
9200.00	57.60	23.92	8962.01	146.93	544.67	216.56	8.00	419898.82	731795.30	
9300.00	63.87	18.23	9010.90	228.29	575.88	301.29	8.00	419980.18	731826.51	
9400.00	70.35	13.13	9049.79	316.93	600.66	392.40	8.00	420068.82	731851.29	
9500.00	76.96	8.43	9077.93	411.12	618.53	488.12	8.00	420163.01	731869.16	
9600.00	83.65	3.98	9094.77	509.04	629.13	586.58	8.00	420260.93	731879.76	
9694.39	90.00	359.88	9100.00	603.17	632.29	680.32	8.00	420355.06	731882.92	Heal Tgt
9700.00	90.00	359.88	9100.00	608.78	632.28	685.88	0.00	420360.67	731882.91	
9800.00	90.00	359.88	9100.00	708.78	632.07	785.00	0.00	420460.67	731882.70	
9900.00	90.00	359.88	9100.00	808.77	631.86	884.12	0.00	420560.66	731882.49	
10000.00	90.00	359.88	9100.00	908.77	631.65	983.25	0.00	420660.66	731882.28	
10100.00	90.00	359.88	9100.00	1008.77	631.44	1082.37	0.00	420760.66	731882.07	
10200.00	90.00	359.88	9100.00	1108.77	631.23	1181.49	0.00	420860.66	731881.86	
10300.00	90.00	359.88	9100.00	1208.77	631.03	1280.61	0.00	420960.66	731881.66	
10400.00	90.00	359.88	9100.00	1308.77	630.82	1379.73	0.00	421060.66	731881.45	
10500.00	90.00	359.88	9100.00	1408.77	630.61	1478.86	0.00	421160.66	731881.24	
10600.00	90.00	359.88	9100.00	1508.77	630.40	1577.98	0.00	421260.66	731881.03	
10700.00	90.00	359.88	9100.00	1608.77	630.19	1677.10	0.00	421360.66	731880.82	
10800.00	90.00	359.88	9100.00	1708.77	629.98	1776.22	0.00	421460.66	731880.61	
10900.00	90.00	359.88	9100.00	1808.77	629.77	1875.35	0.00	421560.66	731880.40	
11000.00	90.00	359.88	9100.00	1908.77	629.56	1974.47	0.00	421660.66	731880.19	
11100.00	90.00	359.88	9100.00	2008.77	629.35	2073.59	0.00	421760.66	731879.98	
11200.00	90.00	359.88	9100.00	2108.77	629.15	2172.71	0.00	421860.66	731879.78	
11300.00	90.00	359.88	9100.00	2208.77	628.94	2271.84	0.00	421960.66	731879.57	
11400.00	90.00	359.88	9100.00	2308.77	628.73	2370.96	0.00	422060.66	731879.36	
11500.00	90.00	359.88	9100.00	2408.77	628.52	2470.08	0.00	422160.66	731879.15	
11600.00	90.00	359.88	9100.00	2508.77	628.31	2569.20	0.00	422260.66	731878.94	
11700.00	90.00	359.88	9100.00	2608.77	628.10	2668.32	0.00	422360.66	731878.73	
11800.00	90.00	359.88	9100.00	2708.77	627.89	2767.45	0.00	422460.66	731878.52	
11900.00	90.00	359.88	9100.00	2808.77	627.68	2866.57	0.00	422560.66	731878.31	
12000.00	90.00	359.88	9100.00	2908.77	627.48	2965.69	0.00	422660.66	731878.11	
12100.00	90.00	359.88	9100.00	3008.77	627.27	3064.81	0.00	422760.66	731877.90	
12200.00	90.00	359.88	9100.00	3108.77	627.06	3163.94	0.00	422860.66	731877.69	
12300.00	90.00	359.88	9100.00	3208.77	626.85	3263.06	0.00	422960.66	731877.48	
12400.00	90.00	359.88	9100.00	3308.77	626.64	3362.18	0.00	423060.66	731877.27	
12500.00	90.00	359.88	9100.00	3408.77	626.43	3461.30	0.00	423160.66	731877.06	
12600.00	90.00	359.88	9100.00	3508.77	626.22	3560.42	0.00	423260.66	731876.85	
12700.00	90.00	359.88	9100.00	3608.77	626.01	3659.55	0.00	423360.66	731876.64	
12800.00	90.00	359.88	9100.00	3708.77	625.80	3758.67	0.00	423460.66	731876.43	
12900.00	90.00	359.88	9100.00	3808.77	625.60	3857.79	0.00	423560.66	731876.23	
13000.00	90.00	359.88	9100.00	3908.77	625.39	3956.91	0.00	423660.66	731876.02	
13100.00	90.00	359.88	9100.00	4008.77	625.18	4056.04	0.00	423760.66	731875.81	
13200.00	90.00	359.88	9100.00	4108.77	624.97	4155.16	0.00	423860.66	731875.60	
13300.00	90.00	359.88	9100.00	4208.77	624.76	4254.28	0.00	423960.66	731875.39	
13400.00	90.00	359.88	9100.00	4308.77	624.55	4353.40	0.00	424060.66	731875.18	
13500.00	90.00	359.88	9100.00	4408.77	624.34	4452.52	0.00	424160.66	731874.97	
13600.00	90.00	359.88	9100.00	4508.77	624.13	4551.65	0.00	424260.66	731874.76	
13700.00	90.00	359.88	9100.00	4608.77	623.93	4650.77	0.00	424360.66	731874.56	
13800.00	90.00	359.88	9100.00	4708.77	623.72	4749.89	0.00	424460.66	731874.35	
13842.74	90.00	359.88	9100.00	4751.51	623.63	4792.26	0.00	424503.40	731874.26	Pbhl



Weatherford International Ltd.

WFT Plan Report - X & Y's


Weatherford

Company: Devon Energy	Date: 4/12/2011	Time: 13:42:13	Page: 3
Field: Lea County, New Mexico (NAD 83)	Co-ordinate(NE) Reference:	Well: Trionyx 6 Fed #3H Grd North	
Site: Trionyx 6 Fed #3HY	Vertical (TVD) Reference:	SITE 3462.0	
Well: Trionyx 6 Fed #3H	Section (VS) Reference:	Well (0.00N,0.00E,7.48Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature Db: Sybase	

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
Heal Tgt			9100.00	603.17	632.29	420355.06	731882.92	32 9 14.883 N	103 43 3.449 W
Pbhl			9100.00	4751.51	623.63	424503.40	731874.26	32 9 55.934 N	103 43 3.274 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7872.58	7872.58	Kop
8336.50	8304.73	Build/Tum
9694.39	9100.00	Lp
13842.74	9100.00	Pbhl

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction



Weatherford International Ltd.

Anticollision Report


Weatherford

Company: Devon Energy		Date: 4/12/2011	Time: 13:47:19	Page: 1
Field: Lea County, New Mexico (NAD 83)				
Reference Site: Trionyx 6 Fed #3HY		Co-ordinate(NE) Reference: Well: Trionyx 6 Fed #3H, Grid North:		
Reference Well: Trionyx 6 Fed #3H		Vertical (TVD) Reference: SITE 3462.0		
Reference Wellpath: 1		Db: Sybase		

NO GLOBAL SCAN: Using user defined selection & scan criteria		Reference: Plan: Plan #2
Interpolation Method: MD	Interval: 100.00 ft	Error Model: ISCWSA Ellipse
Depth Range: 0.00 to 13842.74 ft		Scan Method: Closest Approach 3D
Maximum Radius: 10000.00 ft		Error Surface: Ellipse

Plan: Plan #2	Date Composed: 4/12/2011
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
Trionyx 6 Fed #2H	Trionyx 6 Fed #2H	1 V0 Plan: Plan #2 V1	7800.00	7800.00	25.01	-9.78	0.72	Level 1

Site: Trionyx 6 Fed #2H
Well: Trionyx 6 Fed #2H
Wellpath: 1 V0 Plan: Plan #2 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis Ref ft	Offset ft	TFO-HS deg	Offset Location North ft	East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	269.47	-0.23	-25.01	25.01			No Data
100.00	100.00	100.00	100.00	0.10	0.08	269.47	-0.23	-25.01	25.01	24.83	139.09	
200.00	200.00	200.00	200.00	0.32	0.31	269.47	-0.23	-25.01	25.01	24.38	39.74	
300.00	300.00	300.00	300.00	0.55	0.53	269.47	-0.23	-25.01	25.01	23.93	23.18	
400.00	400.00	400.00	400.00	0.77	0.76	269.47	-0.23	-25.01	25.01	23.48	16.36	
500.00	500.00	500.00	500.00	0.99	0.98	269.47	-0.23	-25.01	25.01	23.03	12.64	
600.00	600.00	600.00	600.00	1.22	1.21	269.47	-0.23	-25.01	25.01	22.58	10.30	
700.00	700.00	700.00	700.00	1.44	1.43	269.47	-0.23	-25.01	25.01	22.13	8.69	
800.00	800.00	800.00	800.00	1.67	1.66	269.47	-0.23	-25.01	25.01	21.68	7.52	
900.00	900.00	900.00	900.00	1.89	1.88	269.47	-0.23	-25.01	25.01	21.23	6.62	
1000.00	1000.00	1000.00	1000.00	2.12	2.11	269.47	-0.23	-25.01	25.01	20.79	5.92	
1100.00	1100.00	1100.00	1100.00	2.34	2.33	269.47	-0.23	-25.01	25.01	20.34	5.35	
1200.00	1200.00	1200.00	1200.00	2.57	2.56	269.47	-0.23	-25.01	25.01	19.89	4.88	
1300.00	1300.00	1300.00	1300.00	2.79	2.78	269.47	-0.23	-25.01	25.01	19.44	4.49	
1400.00	1400.00	1400.00	1400.00	3.02	3.01	269.47	-0.23	-25.01	25.01	18.99	4.15	
1500.00	1500.00	1500.00	1500.00	3.24	3.23	269.47	-0.23	-25.01	25.01	18.54	3.86	
1600.00	1600.00	1600.00	1600.00	3.47	3.46	269.47	-0.23	-25.01	25.01	18.09	3.61	
1700.00	1700.00	1700.00	1700.00	3.69	3.68	269.47	-0.23	-25.01	25.01	17.64	3.39	
1800.00	1800.00	1800.00	1800.00	3.92	3.91	269.47	-0.23	-25.01	25.01	17.19	3.20	
1900.00	1900.00	1900.00	1900.00	4.14	4.13	269.47	-0.23	-25.01	25.01	16.74	3.02	
2000.00	2000.00	2000.00	2000.00	4.37	4.35	269.47	-0.23	-25.01	25.01	16.29	2.87	
2100.00	2100.00	2100.00	2100.00	4.59	4.58	269.47	-0.23	-25.01	25.01	15.84	2.73	
2200.00	2200.00	2200.00	2200.00	4.82	4.80	269.47	-0.23	-25.01	25.01	15.39	2.60	
2300.00	2300.00	2300.00	2300.00	5.04	5.03	269.47	-0.23	-25.01	25.01	14.94	2.48	
2400.00	2400.00	2400.00	2400.00	5.27	5.25	269.47	-0.23	-25.01	25.01	14.49	2.38	
2500.00	2500.00	2500.00	2500.00	5.49	5.48	269.47	-0.23	-25.01	25.01	14.04	2.28	
2600.00	2600.00	2600.00	2600.00	5.71	5.70	269.47	-0.23	-25.01	25.01	13.59	2.19	
2700.00	2700.00	2700.00	2700.00	5.94	5.93	269.47	-0.23	-25.01	25.01	13.14	2.11	
2800.00	2800.00	2800.00	2800.00	6.16	6.15	269.47	-0.23	-25.01	25.01	12.69	2.03	
2900.00	2900.00	2900.00	2900.00	6.39	6.38	269.47	-0.23	-25.01	25.01	12.24	1.96	
3000.00	3000.00	3000.00	3000.00	6.61	6.60	269.47	-0.23	-25.01	25.01	11.79	1.89	
3100.00	3100.00	3100.00	3100.00	6.84	6.83	269.47	-0.23	-25.01	25.01	11.35	1.83	
3200.00	3200.00	3200.00	3200.00	7.06	7.05	269.47	-0.23	-25.01	25.01	10.90	1.77	
3300.00	3300.00	3300.00	3300.00	7.29	7.28	269.47	-0.23	-25.01	25.01	10.45	1.72	
3400.00	3400.00	3400.00	3400.00	7.51	7.50	269.47	-0.23	-25.01	25.01	10.00	1.67	
3500.00	3500.00	3500.00	3500.00	7.74	7.73	269.47	-0.23	-25.01	25.01	9.55	1.62	



Weatherford International Ltd.

Anticollision Report


Weatherford

Company: Devon Energy
 Field: Lea County, New Mexico (NAD 83)
 Reference Site: Trionyx 6 Fed #3H
 Reference Well: Trionyx 6 Fed #3H
 Reference Wellpath: 1

Date: 4/12/2011
 Time: 13:47:19
 Page: 2

Co-ordinate(NE) Reference: Well: Trionyx 6 Fed #3H, Grid North
 Vertical (TVD) Reference: SITE 3462.0
 Dh: Sybase

Site: Trionyx 6 Fed #2H
 Well: Trionyx 6 Fed #2H
 Wellpath: 1 VO Plan: Plan #2 V1

Inter-Site Error: 0.00 ft

Reference MD	TVD	Offset MD	TVD	Semi-Major Axis Ref	Offset	TFP-HS	Offset Location North	East	Ctr-Ctr Distance	Edge Distance	Separation Factor	Warning
3600.00	3600.00	3600.00	3600.00	7.96	7.95	269.47	-0.23	-25.01	25.01	9.10	1.57	
3700.00	3700.00	3700.00	3700.00	8.19	8.18	269.47	-0.23	-25.01	25.01	8.65	1.53	
3800.00	3800.00	3800.00	3800.00	8.41	8.40	269.47	-0.23	-25.01	25.01	8.20	1.49	Level 3
3900.00	3900.00	3900.00	3900.00	8.64	8.63	269.47	-0.23	-25.01	25.01	7.75	1.45	Level 3
4000.00	4000.00	4000.00	4000.00	8.86	8.85	269.47	-0.23	-25.01	25.01	7.30	1.41	Level 3
4100.00	4100.00	4100.00	4100.00	9.09	9.07	269.47	-0.23	-25.01	25.01	6.85	1.38	Level 3
4200.00	4200.00	4200.00	4200.00	9.31	9.30	269.47	-0.23	-25.01	25.01	6.40	1.34	Level 3
4300.00	4300.00	4300.00	4300.00	9.54	9.52	269.47	-0.23	-25.01	25.01	5.95	1.31	Level 3
4400.00	4400.00	4400.00	4400.00	9.76	9.75	269.47	-0.23	-25.01	25.01	5.50	1.28	Level 3
4500.00	4500.00	4500.00	4500.00	9.99	9.97	269.47	-0.23	-25.01	25.01	5.05	1.25	Level 3
4600.00	4600.00	4600.00	4600.00	10.21	10.20	269.47	-0.23	-25.01	25.01	4.60	1.23	Level 2
4700.00	4700.00	4700.00	4700.00	10.43	10.42	269.47	-0.23	-25.01	25.01	4.15	1.20	Level 2
4800.00	4800.00	4800.00	4800.00	10.66	10.65	269.47	-0.23	-25.01	25.01	3.70	1.17	Level 2
4900.00	4900.00	4900.00	4900.00	10.88	10.87	269.47	-0.23	-25.01	25.01	3.25	1.15	Level 2
5000.00	5000.00	5000.00	5000.00	11.11	11.10	269.47	-0.23	-25.01	25.01	2.80	1.13	Level 2
5100.00	5100.00	5100.00	5100.00	11.33	11.32	269.47	-0.23	-25.01	25.01	2.35	1.10	Level 2
5200.00	5200.00	5200.00	5200.00	11.56	11.55	269.47	-0.23	-25.01	25.01	1.91	1.08	Level 2
5300.00	5300.00	5300.00	5300.00	11.78	11.77	269.47	-0.23	-25.01	25.01	1.46	1.06	Level 2
5400.00	5400.00	5400.00	5400.00	12.01	12.00	269.47	-0.23	-25.01	25.01	1.01	1.04	Level 2
5500.00	5500.00	5500.00	5500.00	12.23	12.22	269.47	-0.23	-25.01	25.01	0.56	1.02	Level 2
5600.00	5600.00	5600.00	5600.00	12.46	12.45	269.47	-0.23	-25.01	25.01	0.11	1.00	Level 2
5700.00	5700.00	5700.00	5700.00	12.68	12.67	269.47	-0.23	-25.01	25.01	-0.34	0.99	Level 1
5800.00	5800.00	5800.00	5800.00	12.91	12.90	269.47	-0.23	-25.01	25.01	-0.79	0.97	Level 1
5900.00	5900.00	5900.00	5900.00	13.13	13.12	269.47	-0.23	-25.01	25.01	-1.24	0.95	Level 1
6000.00	6000.00	6000.00	6000.00	13.36	13.35	269.47	-0.23	-25.01	25.01	-1.69	0.94	Level 1
6100.00	6100.00	6100.00	6100.00	13.58	13.57	269.47	-0.23	-25.01	25.01	-2.14	0.92	Level 1
6200.00	6200.00	6200.00	6200.00	13.81	13.80	269.47	-0.23	-25.01	25.01	-2.59	0.91	Level 1
6300.00	6300.00	6300.00	6300.00	14.03	14.02	269.47	-0.23	-25.01	25.01	-3.04	0.89	Level 1
6400.00	6400.00	6400.00	6400.00	14.26	14.24	269.47	-0.23	-25.01	25.01	-3.49	0.88	Level 1
6500.00	6500.00	6500.00	6500.00	14.48	14.47	269.47	-0.23	-25.01	25.01	-3.94	0.86	Level 1
6600.00	6600.00	6600.00	6600.00	14.71	14.69	269.47	-0.23	-25.01	25.01	-4.39	0.85	Level 1
6700.00	6700.00	6700.00	6700.00	14.93	14.92	269.47	-0.23	-25.01	25.01	-4.84	0.84	Level 1
6800.00	6800.00	6800.00	6800.00	15.15	15.14	269.47	-0.23	-25.01	25.01	-5.29	0.83	Level 1
6900.00	6900.00	6900.00	6900.00	15.38	15.37	269.47	-0.23	-25.01	25.01	-5.74	0.81	Level 1
7000.00	7000.00	7000.00	7000.00	15.60	15.59	269.47	-0.23	-25.01	25.01	-6.19	0.80	Level 1
7100.00	7100.00	7100.00	7100.00	15.83	15.82	269.47	-0.23	-25.01	25.01	-6.64	0.79	Level 1
7200.00	7200.00	7200.00	7200.00	16.05	16.04	269.47	-0.23	-25.01	25.01	-7.09	0.78	Level 1
7300.00	7300.00	7300.00	7300.00	16.28	16.27	269.47	-0.23	-25.01	25.01	-7.54	0.77	Level 1
7400.00	7400.00	7400.00	7400.00	16.50	16.49	269.47	-0.23	-25.01	25.01	-7.98	0.76	Level 1
7500.00	7500.00	7500.00	7500.00	16.73	16.72	269.47	-0.23	-25.01	25.01	-8.43	0.75	Level 1
7600.00	7600.00	7600.00	7600.00	16.95	16.94	269.47	-0.23	-25.01	25.01	-8.88	0.74	Level 1
7700.00	7700.00	7700.00	7700.00	17.18	17.17	269.47	-0.23	-25.01	25.01	-9.33	0.73	Level 1
7800.00	7800.00	7800.00	7800.00	17.40	17.39	269.47	-0.23	-25.01	25.01	-9.78	0.72	Level 1
7900.00	7899.99	7899.99	7899.99	17.62	17.62	148.24	-0.23	-25.01	25.46	-9.77	0.72	Level 1
8000.00	7999.33	7999.33	7999.33	17.80	17.84	157.23	-0.23	-25.01	35.09	-0.38	0.99	Level 1
8100.00	8096.20	8096.20	8096.20	18.00	18.06	166.09	-0.23	-25.01	58.48	23.05	1.65	
8200.00	8188.71	8188.71	8188.71	18.22	18.26	171.04	-0.23	-25.01	95.61	60.46	2.72	
8300.00	8275.08	8275.08	8275.08	18.50	18.46	173.62	-0.23	-25.01	145.54	110.88	4.20	
8400.00	8356.06	8356.06	8356.06	18.87	18.64	184.22	-0.23	-25.01	204.08	169.18	5.85	
8500.00	8438.98	8438.98	8438.98	19.26	18.83	197.87	-0.23	-25.01	259.14	223.42	7.26	
8600.00	8523.03	8519.35	8519.35	19.60	19.01	210.42	0.08	-25.01	309.89	273.41	8.49	



Weatherford International Ltd.

Anticollision Report


Weatherford

Company: Devon Energy Date: 4/12/2011 Time: 13:47:19 Page: 3
 Field: Lea County, New Mexico (NAD 83)
 Reference Site: Trionyx 6 Fed #3H Co-ordinate(NE) Reference: Well: Trionyx 6 Fed #3H, Gnd North
 Reference Well: Trionyx 6 Fed #3H Vertical (TVD) Reference: SITE 3462.0
 Reference Wellpath: 1 Db: Sybase

Site: Trionyx 6 Fed #2H
 Well: Trionyx 6 Fed #2H
 Wellpath: 1 VO Plan: Plan #2 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis Ref ft	Offset ft	TFO-HS deg	Offset Location North ft	East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
8700.00	8606.59	8590.27	8589.93	19.88	19.16	222.99	6.54	-25.04	359.22	322.03	9.66	
8800.00	8688.02	8662.24	8660.27	20.10	19.32	234.30	21.56	-25.11	407.39	369.49	10.75	
8900.00	8765.73	8736.04	8730.00	20.29	19.48	243.74	45.59	-25.22	453.58	414.98	11.75	
9000.00	8838.22	8812.42	8798.50	20.49	19.65	251.27	79.27	-25.37	497.01	457.70	12.64	
9100.00	8904.07	8892.08	8864.77	20.73	19.85	257.12	123.37	-25.57	536.88	496.84	13.41	
9200.00	8962.01	8975.56	8927.31	21.01	20.10	261.57	178.56	-25.82	572.41	531.62	14.03	
9300.00	9010.90	9063.19	8984.06	21.33	20.42	264.88	245.23	-26.12	602.83	561.23	14.49	
9400.00	9049.79	9154.97	9032.43	21.70	20.84	267.24	323.12	-26.47	627.40	584.92	14.77	
9500.00	9077.93	9250.46	9069.54	22.10	21.38	268.82	410.99	-26.87	645.45	601.97	14.84	
9600.00	9094.77	9348.75	9092.70	22.56	22.05	269.71	506.40	-27.30	656.44	611.84	14.72	
9700.00	9100.00	9449.33	9100.00	23.07	22.84	270.00	606.60	-27.74	660.03	614.16	14.39	
9800.00	9100.00	9549.33	9100.00	23.92	23.73	270.00	706.60	-28.07	660.15	612.55	13.87	
9900.00	9100.00	9649.33	9100.00	24.88	24.72	270.00	806.60	-28.40	660.27	610.72	13.33	
10000.00	9100.00	9749.33	9100.00	25.93	25.80	270.00	906.60	-28.73	660.39	608.71	12.78	
10100.00	9100.00	9849.33	9100.00	27.07	26.96	270.00	1006.60	-29.06	660.51	606.53	12.24	
10200.00	9100.00	9949.33	9100.00	28.27	28.19	270.00	1106.60	-29.39	660.63	604.21	11.71	
10300.00	9100.00	10049.33	9100.00	29.54	29.49	270.00	1206.60	-29.72	660.75	601.77	11.20	
10400.00	9100.00	10149.33	9100.00	30.87	30.84	270.00	1306.60	-30.05	660.87	599.21	10.72	
10500.00	9100.00	10249.33	9100.00	32.24	32.23	270.00	1406.60	-30.38	660.99	596.56	10.26	
10600.00	9100.00	10349.33	9100.00	33.66	33.67	270.00	1506.60	-30.71	661.11	593.83	9.83	
10700.00	9100.00	10449.33	9100.00	35.11	35.14	270.00	1606.60	-31.04	661.23	591.02	9.42	
10800.00	9100.00	10549.33	9100.00	36.60	36.65	270.00	1706.59	-31.37	661.35	588.15	9.03	
10900.00	9100.00	10649.33	9100.00	38.11	38.18	270.00	1806.59	-31.70	661.47	585.22	8.67	
11000.00	9100.00	10749.33	9100.00	39.66	39.74	270.00	1906.59	-32.03	661.59	582.23	8.34	
11100.00	9100.00	10849.33	9100.00	41.22	41.32	270.00	2006.59	-32.35	661.71	579.21	8.02	
11200.00	9100.00	10949.33	9100.00	42.81	42.92	270.00	2106.59	-32.68	661.83	576.14	7.72	
11300.00	9100.00	11049.33	9100.00	44.42	44.54	270.00	2206.59	-33.01	661.95	573.04	7.44	
11400.00	9100.00	11149.33	9100.00	46.04	46.17	270.00	2306.59	-33.34	662.07	569.90	7.18	
11500.00	9100.00	11249.33	9100.00	47.67	47.81	270.00	2406.59	-33.67	662.20	566.74	6.94	
11600.00	9100.00	11349.33	9100.00	49.32	49.47	270.00	2506.59	-34.00	662.32	563.55	6.71	
11700.00	9100.00	11449.33	9100.00	50.98	51.14	270.00	2606.59	-34.33	662.44	560.34	6.49	
11800.00	9100.00	11549.33	9100.00	52.66	52.83	270.00	2706.59	-34.66	662.56	557.10	6.28	
11900.00	9100.00	11649.33	9100.00	54.34	54.52	270.00	2806.59	-34.99	662.68	553.85	6.09	
12000.00	9100.00	11749.33	9100.00	56.03	56.22	270.00	2906.59	-35.32	662.80	550.58	5.91	
12100.00	9100.00	11849.33	9100.00	57.73	57.92	270.00	3006.59	-35.65	662.92	547.29	5.73	
12200.00	9100.00	11949.33	9100.00	59.44	59.64	270.00	3106.59	-35.98	663.04	543.99	5.57	
12300.00	9100.00	12049.33	9100.00	61.15	61.36	270.00	3206.59	-36.31	663.16	540.68	5.41	
12400.00	9100.00	12149.33	9100.00	62.87	63.08	270.00	3306.59	-36.64	663.28	537.35	5.27	
12500.00	9100.00	12249.33	9100.00	64.60	64.81	270.00	3406.58	-36.97	663.40	534.01	5.13	
12600.00	9100.00	12349.33	9100.00	66.33	66.55	270.00	3506.58	-37.29	663.52	530.66	4.99	
12700.00	9100.00	12449.33	9100.00	68.07	68.29	270.00	3606.58	-37.62	663.64	527.30	4.87	
12800.00	9100.00	12549.33	9100.00	69.81	70.04	270.00	3706.58	-37.95	663.76	523.94	4.75	
12900.00	9100.00	12649.33	9100.00	71.55	71.79	270.00	3806.58	-38.28	663.88	520.56	4.63	
13000.00	9100.00	12749.33	9100.00	73.30	73.54	270.00	3906.58	-38.61	664.00	517.18	4.52	
13100.00	9100.00	12849.33	9100.00	75.05	75.30	270.00	4006.58	-38.94	664.12	513.79	4.42	
13200.00	9100.00	12949.33	9100.00	76.81	77.06	270.00	4106.58	-39.27	664.24	510.39	4.32	
13300.00	9100.00	13049.33	9100.00	78.57	78.82	270.00	4206.58	-39.60	664.36	506.99	4.22	
13400.00	9100.00	13149.33	9100.00	80.33	80.59	270.00	4306.58	-39.93	664.48	503.58	4.13	
13500.00	9100.00	13249.33	9100.00	82.10	82.36	270.00	4406.58	-40.26	664.61	500.17	4.04	
13600.00	9100.00	13349.33	9100.00	83.87	84.13	270.00	4506.58	-40.59	664.73	496.75	3.96	
13700.00	9100.00	13449.33	9100.00	85.64	85.90	270.00	4606.58	-40.92	664.85	493.32	3.88	



Weatherford International Ltd.

Anticollision Report


Weatherford

Company: Devon Energy **Date:** 4/12/2011 **Time:** 13:47:19 **Page:** 4
Field: Lea County, New Mexico (NAD 83)
Reference Site: Trionyx 6 Fed #3HY **Co-ordinate(NE) Reference:** Well: Trionyx 6 Fed #3H, Grid North
Reference Well: Trionyx 6 Fed #3H **Vertical (TVD) Reference:** SITE 3462.0
Reference Wellpath: 1 **Db:** Sybase

Site: Trionyx 6 Fed #2H

Well: Trionyx 6 Fed #2H

Wellpath: 1 V0 Plan: Plan #2 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		
13800.00	9100.00	13549.33	9100.00	87.41	87.68	270.00	4706.58	-41.25		664.97	489.89	3.80	
13842.74	9100.00	13592.07	9100.00	88.17	88.44	270.00	4749.32	-41.39		665.02	488.43	3.77	


Weatherford
Weatherford Drilling Services

GeoDec v5.03

Report Date: April 01, 2011

Job Number:

Customer: Devon Energy

Well Name: Trionyx 6 Fed #3HY

API Number:

Rig Name:

Location: Lea County, NM

Block:

Engineer: R Joyner

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 419751.890 USFT

Latitude 32.1524881 DEG

East/West 731275.630 USFT

Longitude -103.7195933 DEG

Grid Convergence: .33°

Total Correction: +7.32°

Geodetic Location WGS84

Elevation = 0.0 Meters

Latitude = 32.15249° N 32° 9 min 8.957 sec

Longitude = 103.71959° W 103° 43 min 10.536 sec

Magnetic Declination = 7.65° [True North Offset]

Local Gravity = .9988 g CheckSum = 6617

Local Field Strength = 48576 nT Magnetic Vector X = 24003 nT

Magnetic Dip = 60.09° Magnetic Vector Y = 3223 nT

Magnetic Model = IGRF-2010g11 Magnetic Vector Z = 42108 nT

Spud Date = Jun 25, 2011 Magnetic Vector H = 24219 nT

Signed:

Date:



1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

1650' 330' TOE TARGET NW CORNER SEC. 6 LAT. = 32.1684428°N LONG. = 103.7228347°W NMSP EAST (FT) N = 424822.54 E = 730212.74 TOE TARGET LAT. = 32.1655395°N LONG. = 103.7175713°W NMSP EAST (FT) N = 424503.40 E = 731874.28 TRIONYX "6" FEDERAL #3H ELEV. = 3437.1' LAT. = 32.1524885°N (NAD83) LONG. = 103.7196741°W NMSP EAST (FT) N = 419751.89 E = 731250.63 HEAL TARGET LAT. = 32.1541388°N LONG. = 103.7176199°W NMSP EAST (FT) N = 420353.06 E = 731882.92 SW CORNER SEC. 6 LAT. = 32.1519396°N LONG. = 103.7229547°W NMSP EAST (FT) N = 419548.45 E = 730236.48 1650' 200' HEAL TARGET 800' 1015' SURFACE LOCATION	NE CORNER SEC. 8 LAT. = 32.1664883°N LONG. = 103.7058164°W NMSP EAST (FT) N = 424869.56 E = 735509.64 SE CORNER SEC. 6 LAT. = 32.1519447°N LONG. = 103.7057526°W NMSP EAST (FT) N = 419578.91 E = 735560.23
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