

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
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.
NMNM LC-069464-A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Devon Energy Production Co., LP

3a. Address
20 North Broadway
OKC, OK 73102

3b. Phone No. (include area code)
(405)-552-7802

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

8. Well Name and No.
Sirius 17 Federal 1H

9. API Well No.
30-015-38238

10. Field and Pool or Exploratory Area
Hackberry; Bone Springs, NW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NENE SL: 450' FNL & 200' FEL Sec 18-T47S-R28E
NENE: BHL: 450' FNL & 340' FEL Sec 17-T47S-R28E

11. Country or Parish, State
Eddy County, NM

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

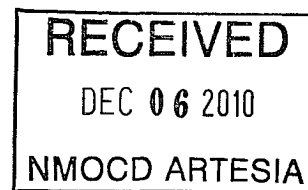
TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>Change BHL & Drilling Program</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must 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 Co. LLP respectfully advises the bottom hole location has been revised from 450' FNL & 660' to 450' FNL & 340'. Attached are the drilling program changes to accomodate the new BHL:

- * Drilling Program for 8 3/4" hole
- * Directional Survey
- * Revised C-102

(See attached)



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

Name (Printed/Typed)
Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 11/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

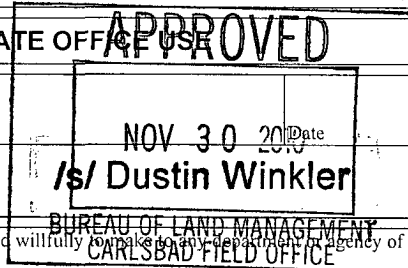
Title

Office

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.

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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



DSS

X

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	² Pool Code	³ Pool Name HACKBERRY; BONE SPRINGS, NW
⁴ Property Code	⁵ Property Name SIRIUS-17-FEDERAL	⁶ Well Number 1H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3440.6

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
A	18	19 S	31 E		450	NORTH	200	EAST	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
A	17	19 S	31 E		450	NORTH	340	EAST	EDDY

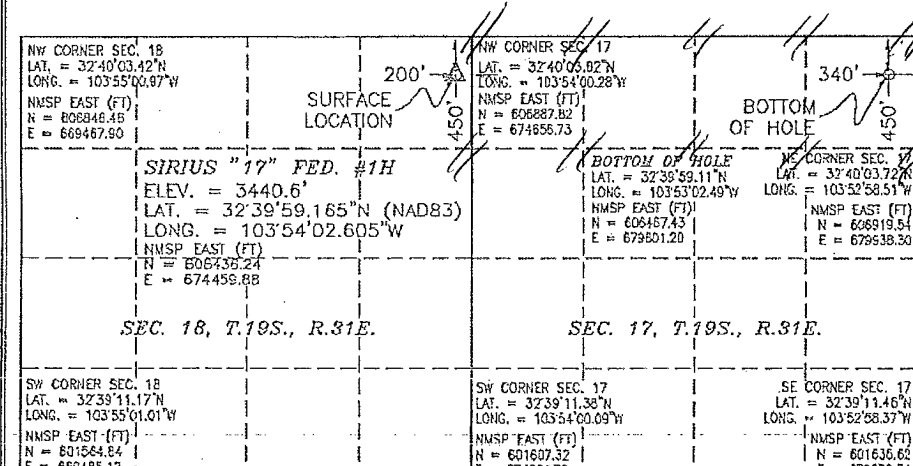
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

RECEIVED

DEC 06 2010

NMOCD ARTESIA

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 undivided 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.	
	
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. JULY 13, 2010 Date of Survey Signature and Seal of Professional Surveyor Certificate Number: FILLMON F. J. SANCHEZ, PLS 12797 SURVEY NO. 151R	

SIRIUS 17 FEDERAL 1H – DRILLING SUNDRY
MHC 11.18.10

Casing Program

<u>Hole Size</u>	<u>Hole Interval</u>	<u>OD Csg</u>	<u>Casing Interval</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>
8-3/4"	3,100 – 8,100	5-1/2"	0 – 8,100	17#	LTC	P-110HC
8-3/4"	8,100 – 13,723	5-1/2"	8,100 – 13,723	17#	BTC	P-110HC

<u>Casing Size</u>	<u>Collapse Design Factor</u>	<u>Burst Design Factor</u>	<u>Tension Design Factor</u>
5-1/2" 17# P-110HC LTC	1.64	2.02	1.91
5-1/2" 17# P-110HC BTC	1.84	2.27	5.20



Weatherford®

Drilling Services

Proposal



devon

SIRIUS 17 FED 1H

EDDY COUNTY, NM

WELL FILE: **PLAN 3**

NOVEMBER 18, 2010

Weatherford International, Ltd.

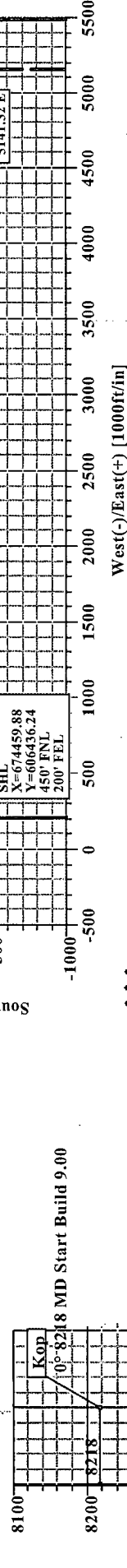
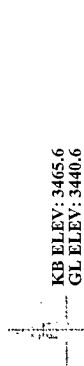
P.O. Box 61028

Midland, TX 79711 USA

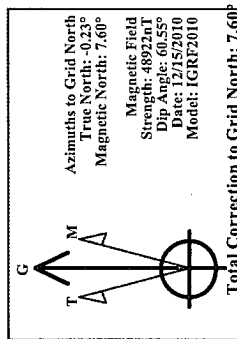
+1.432.561.8892 Main

+1.432.561.8895 Fax

www.weatherford.com



Weatherford

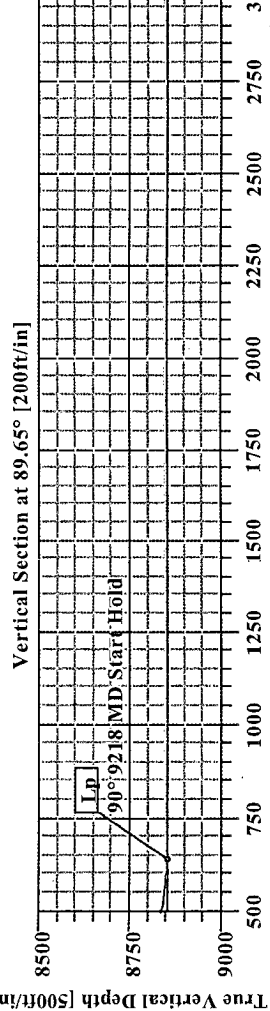
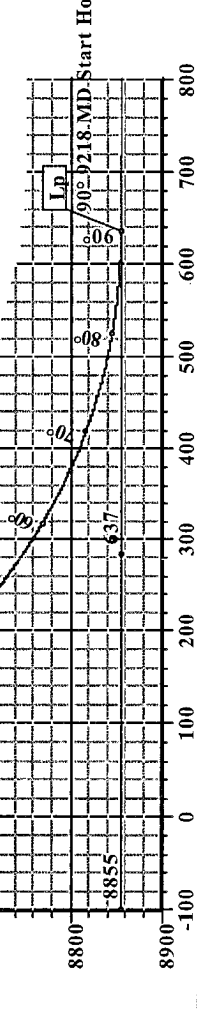


SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Target
1	2	8218.38	0.00	89.65	0.00	0.00	0.00	0.00	0.00	
2	8218.38	0.00	89.65	8218.38	0.00	0.00	0.00	0.00	0.00	
3	9218.38	90.00	89.65	8855.00	3.86	636.61	9.00	89.65	636.62	
4	13723.18	90.00	89.65	8855.00	31.19	5141.32	0.00	0.00	5141.41	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Sirius Fed 1H	0.00	0.00	606456.24	674459.88	32°39'59.004N	103°54'02.656W	N/A

TARGET DETAILS					
Name	TVD	+N/-S	+E/-W	Northing	Easting Shape
PBHL	8855.00	31.19	5141.32	606467.43	Point

FIELD DETAILS		SITE DETAILS	
Geodetic System:	US State Plane Coordinate System 1983	Site Centre Northing:	606436.24
Ellipsoid:	GRS 1980	Easting:	674459.88
Zone:	New Mexico, Eastern Zone	Ground Level:	3440.60
Magnetic Model:	IGRF2010	Positional Uncertainty:	0.00
System Datum:	Mean Sea Level	Convergence:	0.23
Local North:	Grid North		
Eddy Co., NM (NAD 83)	Sirius 17 Fed 1H		



Vertical Section at 89.65° [500ft/in]

Created By: Russell W. Joyner

Date: 11/18/2010



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy	Date: 11/18/2010	Time: 09:50:35	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: Sirius Fed 1H, Grid North		
Site: Sirius 17 Fed 1H	Vertical (TVD) Reference: SITE 3465.6		
Well: Sirius Fed 1H	Section (VS) Reference: Well (0.00N,0.00E,89.65Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #3	Date Composed: 11/18/2010
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Eddy Co., NM (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:** Sirius 17 Fed 1H

Site Position:	Northing: 606436.24 ft	Latitude: 32 39 59.004 N
From: Map	Easting: 674459.88 ft	Longitude: 103 54 2.656 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3440.60 ft		Grid Convergence: 0.23 deg

Well: Sirius Fed 1H**Slot Name:**

Well Position: +N/-S 0.00 ft	Northing: 606436.24 ft	Latitude: 32 39 59.004 N
+E/-W 0.00 ft	Easting: 674459.88 ft	Longitude: 103 54 2.656 W
Position Uncertainty: 0.00 ft		

Wellpath: 1

Current Datum: SITE	Height 3465.60 ft	Drilled From: Surface
Magnetic Data: 12/15/2010		Tie-on Depth: 0.00 ft
Field Strength: 48922 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S	Declination: 7.83 deg
ft	ft	Mag Dip Angle: 60.55 deg
		Direction
		deg
0.00	0.00	89.65

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	89.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8218.38	0.00	89.65	8218.38	0.00	0.00	0.00	0.00	0.00	0.00	
9218.38	90.00	89.65	8855.00	3.86	636.61	9.00	9.00	0.00	89.65	
13723.18	90.00	89.65	8855.00	31.19	5141.32	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
8200.00	0.00	89.65	8200.00	0.00	0.00	0.00	0.00	606436.24	674459.88	Kop
8218.38	0.00	89.65	8218.38	0.00	0.00	0.00	0.00	606436.24	674459.88	
8300.00	7.35	89.65	8299.78	0.03	5.22	5.23	9.00	606436.27	674465.10	
8400.00	16.35	89.65	8397.55	0.16	25.73	25.73	9.00	606436.40	674485.61	
8500.00	25.35	89.65	8490.90	0.37	61.28	61.28	9.00	606436.61	674521.16	
8600.00	34.35	89.65	8577.55	0.67	110.99	111.00	9.00	606436.91	674570.87	Lp
8700.00	43.35	89.65	8655.36	1.05	173.65	173.65	9.00	606437.29	674633.53	
8800.00	52.35	89.65	8722.40	1.50	247.71	247.71	9.00	606437.74	674707.59	
8900.00	61.35	89.65	8777.03	2.01	331.34	331.35	9.00	606438.25	674791.22	
9000.00	70.35	89.65	8817.91	2.56	422.49	422.50	9.00	606438.80	674882.37	
9100.00	79.35	89.65	8844.03	3.15	518.91	518.92	9.00	606439.39	674978.79	
9200.00	88.35	89.65	8854.73	3.75	618.23	618.24	9.00	606439.99	675078.11	
9218.38	90.00	89.65	8855.00	3.86	636.61	636.62	9.00	606440.10	675096.49	
9300.00	90.00	89.65	8855.00	4.36	718.23	718.24	0.00	606440.60	675178.11	
9400.00	90.00	89.65	8855.00	4.96	818.22	818.24	0.00	606441.20	675278.10	
9500.00	90.00	89.65	8855.00	5.57	918.22	918.24	0.00	606441.81	675378.10	
9600.00	90.00	89.65	8855.00	6.18	1018.22	1018.24	0.00	606442.42	675478.10	



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy Date: 11/18/2010 Time: 09:50:35 Page: 2
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: Sirius Fed 1H, Grid North
Site: Sirius 17 Fed 1H Vertical (TVD) Reference: SITE 3465.6
Well: Sirius Fed 1H Section (VS) Reference: Well (0.00N,0.00E,89.65Azi)
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
9700.00	90.00	89.65	8855.00	6.78	1118.22	1118.24	0.00	606443.02	675578.10	
9800.00	90.00	89.65	8855.00	7.39	1218.22	1218.24	0.00	606443.63	675678.10	
9900.00	90.00	89.65	8855.00	8.00	1318.22	1318.24	0.00	606444.24	675778.10	
10000.00	90.00	89.65	8855.00	8.60	1418.21	1418.24	0.00	606444.84	675878.09	
10100.00	90.00	89.65	8855.00	9.21	1518.21	1518.24	0.00	606445.45	675978.09	
10200.00	90.00	89.65	8855.00	9.82	1618.21	1618.24	0.00	606446.06	676078.09	
10300.00	90.00	89.65	8855.00	10.42	1718.21	1718.24	0.00	606446.66	676178.09	
10400.00	90.00	89.65	8855.00	11.03	1818.21	1818.24	0.00	606447.27	676278.09	
10500.00	90.00	89.65	8855.00	11.64	1918.20	1918.24	0.00	606447.88	676378.08	
10600.00	90.00	89.65	8855.00	12.24	2018.20	2018.24	0.00	606448.48	676478.08	
10700.00	90.00	89.65	8855.00	12.85	2118.20	2118.24	0.00	606449.09	676578.08	
10800.00	90.00	89.65	8855.00	13.46	2218.20	2218.24	0.00	606449.70	676678.08	
10900.00	90.00	89.65	8855.00	14.06	2318.20	2318.24	0.00	606450.30	676778.08	
11000.00	90.00	89.65	8855.00	14.67	2418.20	2418.24	0.00	606450.91	676878.08	
11100.00	90.00	89.65	8855.00	15.28	2518.19	2518.24	0.00	606451.52	676978.07	
11200.00	90.00	89.65	8855.00	15.88	2618.19	2618.24	0.00	606452.12	677078.07	
11300.00	90.00	89.65	8855.00	16.49	2718.19	2718.24	0.00	606452.73	677178.07	
11400.00	90.00	89.65	8855.00	17.10	2818.19	2818.24	0.00	606453.34	677278.07	
11500.00	90.00	89.65	8855.00	17.70	2918.19	2918.24	0.00	606453.94	677378.07	
11600.00	90.00	89.65	8855.00	18.31	3018.18	3018.24	0.00	606454.55	677478.06	
11700.00	90.00	89.65	8855.00	18.92	3118.18	3118.24	0.00	606455.16	677578.06	
11800.00	90.00	89.65	8855.00	19.52	3218.18	3218.24	0.00	606455.76	677678.06	
11900.00	90.00	89.65	8855.00	20.13	3318.18	3318.24	0.00	606456.37	677778.06	
12000.00	90.00	89.65	8855.00	20.74	3418.18	3418.24	0.00	606456.98	677878.06	
12100.00	90.00	89.65	8855.00	21.34	3518.17	3518.24	0.00	606457.58	677978.05	
12200.00	90.00	89.65	8855.00	21.95	3618.17	3618.24	0.00	606458.19	678078.05	
12300.00	90.00	89.65	8855.00	22.56	3718.17	3718.24	0.00	606458.80	678178.05	
12400.00	90.00	89.65	8855.00	23.16	3818.17	3818.24	0.00	606459.40	678278.05	
12500.00	90.00	89.65	8855.00	23.77	3918.17	3918.24	0.00	606460.01	678378.05	
12600.00	90.00	89.65	8855.00	24.38	4018.17	4018.24	0.00	606460.62	678478.05	
12700.00	90.00	89.65	8855.00	24.98	4118.16	4118.24	0.00	606461.22	678578.04	
12800.00	90.00	89.65	8855.00	25.59	4218.16	4218.24	0.00	606461.83	678678.04	
12900.00	90.00	89.65	8855.00	26.20	4318.16	4318.24	0.00	606462.44	678778.04	
13000.00	90.00	89.65	8855.00	26.80	4418.16	4418.24	0.00	606463.04	678878.04	
13100.00	90.00	89.65	8855.00	27.41	4518.16	4518.24	0.00	606463.65	678978.04	
13200.00	90.00	89.65	8855.00	28.02	4618.15	4618.24	0.00	606464.26	679078.03	
13300.00	90.00	89.65	8855.00	28.62	4718.15	4718.24	0.00	606464.86	679178.03	
13400.00	90.00	89.65	8855.00	29.23	4818.15	4818.24	0.00	606465.47	679278.03	
13500.00	90.00	89.65	8855.00	29.84	4918.15	4918.24	0.00	606466.08	679378.03	
13600.00	90.00	89.65	8855.00	30.44	5018.15	5018.24	0.00	606466.68	679478.03	
13700.00	90.00	89.65	8855.00	31.05	5118.15	5118.24	0.00	606467.29	679578.03	
13723.18	90.00	89.65	8855.00	31.19	5141.32	5141.41	0.00	606467.43	679601.20	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			8855.00	31.19	5141.32	606467.43	679601.20	32	39	59.102 N	103	53	2.510 W



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company:	Devon Energy	Date:	11/18/2010	Time:	09:50:35	Page:	3
Field:	Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Sirius Fed 1H, Grid North				
Site:	Sirius 17 Fed 1H	Vertical (TVD) Reference:	SITE 3465.6				
Well:	Sirius Fed 1H	Section (VS) Reference:	Well (0.00N,0.00E,89.65Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature				Db: Sybase

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
8218.38	8218.38	Kop
9218.38	8855.00	Lp
13723.17	8855.00	Pbhl

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

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

GeoDec v5.03

Report Date: November 18, 2010

Job Number: _____

Customer: DEVON

Well Name: SIRIUS 17 FED 1H

API Number: _____

Rig Name: _____

Location: EDDY COUNTY, NM

Block: _____

Engineer: LW

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 606436.240 USFT

Latitude 32.6663934 DEG

East/West 674459.880 USFT

Longitude -103.9007334 DEG

Grid Convergence: .23°

Total Correction: +7.60°

Geodetic Location WGS84

Elevation = 0.0 Meters

Latitude = 32.66639° N 32° 39 min 59.016 sec

Longitude = 103.90073° W 103° 54 min 2.640 sec

Magnetic Declination = 7.83° [True North Offset]

Local Gravity = .9988 g CheckSum = 6633

Local Field Strength = 48918 nT Magnetic Vector X = 23825 nT

Magnetic Dip = 60.55° Magnetic Vector Y = 3278 nT

Magnetic Model = IGRF-2010g11 Magnetic Vector Z = 42598 nT

Spud Date = Dec 15, 2010 Magnetic Vector H = 24050 nT

Signed: _____

Date: _____