

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720
District II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

RECEIVED
AUG 17 2012
NM CON PLAT

WELL LOCATION AND ACREAGE DEED

¹ API Number 30-015-70606	² Pool Code 65010	³ Pool Name Winchester Parkway Bone Spring
⁴ Property Code	⁵ Property Name JASPER "32" STATE COM	
⁶ Well Number 8H	⁷ OGRID No. 6137	
⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 3267.4

¹⁰ Surface Location

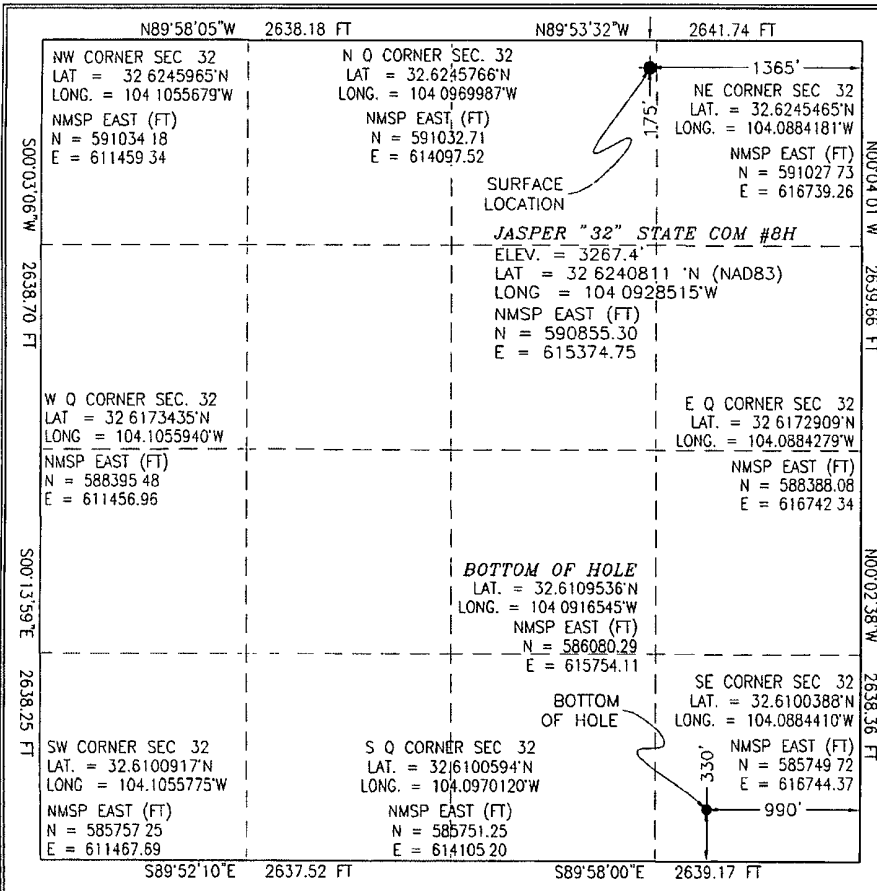
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	32	19 S	29 E		175	NORTH	1365	EAST	EDDY

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
P	32	19 S	29 E		330	SOUTH	990	EAST	EDDY

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

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Melanie Crawford Date: 8/16/12
Printed Name: Melanie Crawford
E-mail Address: melanie.crawford@dmn.com

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.

AUGUST 16, 2012
Date of Survey: AUG 16, 2012
Signature and Seal of Professional Surveyor: [Signature]
Certificate Number: NEW MEXICO SURVEYOR PLS 12797
SURVEY NO. 976B



Weatherford®

Drilling Services

Proposal



devon

JASPER 32 STATE #8H

EDDY COUNTY, NM

WELL FILE: **PLAN 1**

AUGUST 14, 2012

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

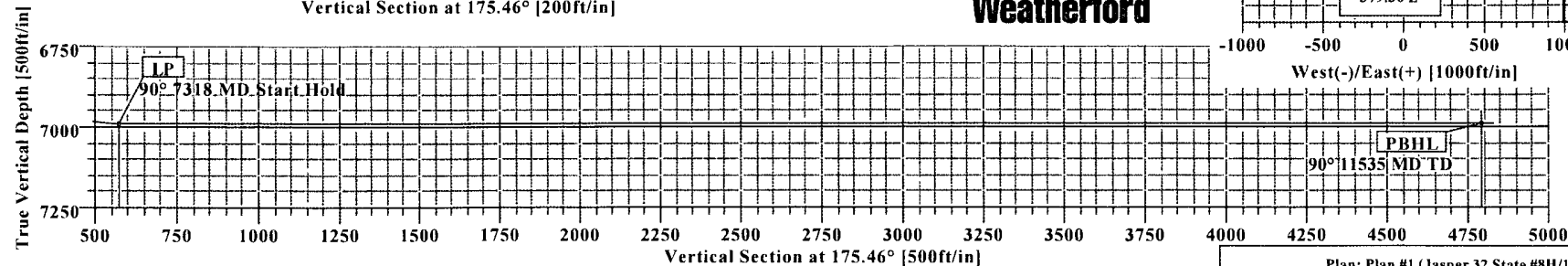
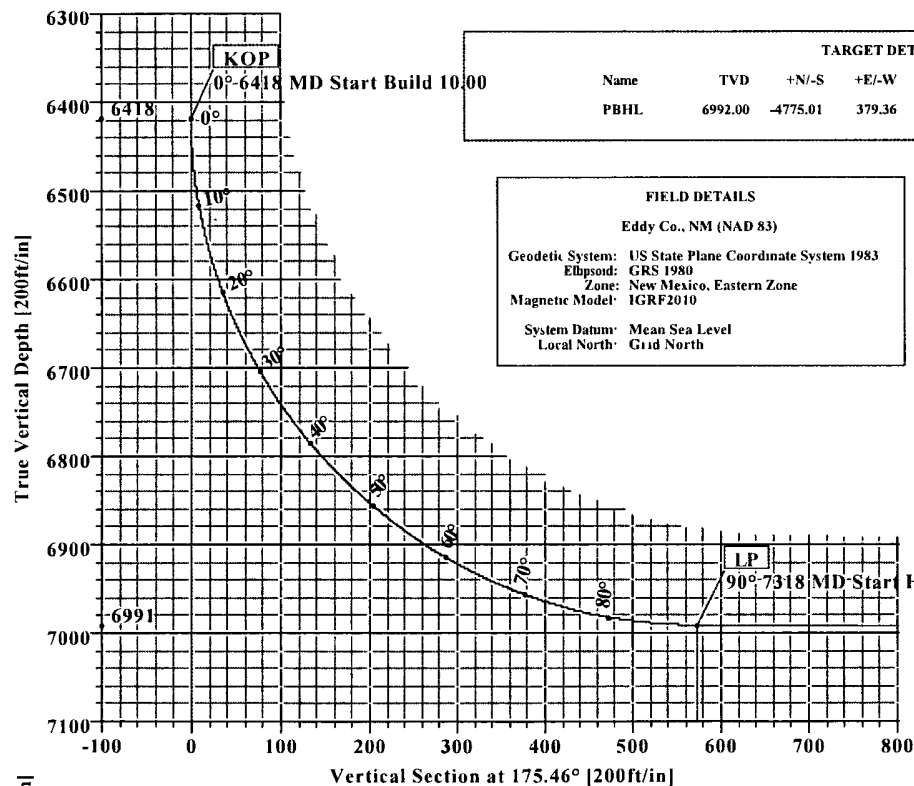
www.weatherford.com



Jasper 32 State #8H
Eddy Co., New Mexico



KB ELEV: 3283
GL ELEV: 3264



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	175.46	0.00	0.00	0.00	0.00	0.00	0.00	
2	6418.04	0.00	175.46	6418.04	0.00	0.00	0.00	0.00	0.00	
3	7317.90	89.99	175.46	6991.00	-571.02	45.37	10.00	175.46	572.82	
4	11535.14	89.99	175.46	6992.00	-4775.01	379.36	0.00	0.00	4790.06	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Jasper 32 State #8H	0.00	0.00	590855.30	615374.75	32°37'26.680N	104°05'34.280W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	6992.00	-4775.01	379.36	586080.29	615754.11	Point

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

Jasper 32 State #8H

Site Centre Northing: 590855.30

Easting: 615374.75

Ground Level: 3264.00

Positional Uncertainty: 0.00

Convergence: 0.13



Azimuths to Grid North

True North: -0.13°

Magnetic North: 7.46°

Magnetic Field

Strength: 48608nT

Dip Angle: 60.41°

Date: 8/15/2013

Model: IGRF2010

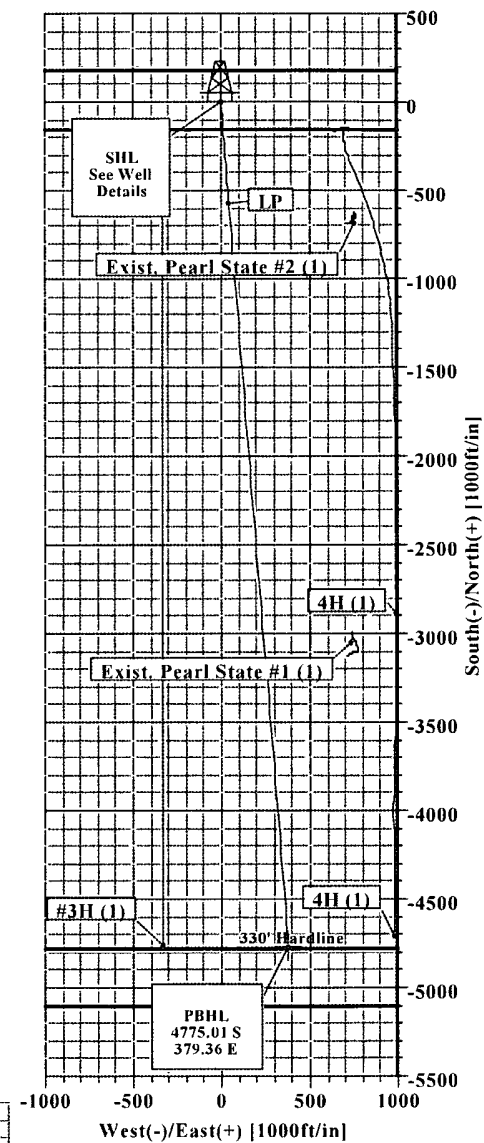
Total Correction to Grid North: 7.46°

LEGEND

- Exist. Pearl State #1 (1)
- Exist. Pearl State #2 (1)
- #3H (1)
- 4H (1)
- 1
- Plan #1



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Plan: Plan #1 (Jasper 32 State #8H/1)

Created By: Russell W. Joyner

Date: 8/14/2012



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WFT Plan Report - X & Y's



Company: Devon Energy Date: 8/14/2012 Time: 08 58 29 Page: 1
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well Jasper 32 State #8H, Grid North
Site: Jasper 32 State #8H Vertical (TVD) Reference: SITE 3283.0
Well: Jasper 32 State #8H Section (VS) Reference: Well (0 00N,0 00E,175 46Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Plan: Plan #1 Date Composed: 8/14/2012
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: Jasper 32 State #8H

Site Position: Northing: 590855.30 ft Latitude: 32 37 26.680 N
From: Map Easting: 615374.75 ft Longitude: 104 5 34.280 W
Position Uncertainty: 0.00 ft North Reference: Gnd
Ground Level: 3264.00 ft Grid Convergence: 0.13 deg

Well: Jasper 32 State #8H

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 590855.30 ft Latitude: 32 37 26.680 N
+E/-W 0.00 ft Easting: 615374.75 ft Longitude: 104 5 34.280 W
Position Uncertainty: 0.00 ft

Wellpath: 1

Current Datum: SITE
Magnetic Data: 8/15/2013
Field Strength: 48608 nT
Vertical Section: Depth From (TVD)

Height 3283.00 ft

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 7 59 deg
Mag Dip Angle: 60 41 deg
+N/-S
+E/-W Direction
ft deg

0.00 0.00 0.00 175.46

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	175.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6418.04	0.00	175.46	6418.04	0.00	0.00	0.00	0.00	0.00	0.00	
7317.90	89.99	175.46	6991.00	-571.02	45.37	10.00	10.00	0.00	175.46	
11535.14	89.99	175.46	6992.00	-4775.01	379.36	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
6400.00	0.00	175.46	6400.00	0.00	0.00	0.00	0.00	590855.30	615374.75	
6418.04	0.00	175.46	6418.04	0.00	0.00	0.00	0.00	590855.30	615374.75	KOP
6450.00	3.20	175.46	6449.98	-0.89	0.07	0.89	10.00	590854.41	615374.82	
6500.00	8.20	175.46	6499.72	-5.83	0.46	5.85	10.00	590849.47	615375.21	
6550.00	13.20	175.46	6548.84	-15.08	1.20	15.13	10.00	590840.22	615375.95	
6600.00	18.20	175.46	6596.96	-28.56	2.27	28.65	10.00	590826.74	615377.02	
6650.00	23.20	175.46	6643.72	-46.17	3.67	46.32	10.00	590809.13	615378.42	
6700.00	28.20	175.46	6688.76	-67.78	5.38	67.99	10.00	590787.52	615380.13	
6750.00	33.20	175.46	6731.74	-93.21	7.41	93.51	10.00	590762.09	615382.16	
6800.00	38.20	175.46	6772.33	-122.28	9.72	122.67	10.00	590733.02	615384.47	
6850.00	43.20	175.46	6810.23	-154.77	12.30	155.26	10.00	590700.53	615387.05	
6900.00	48.20	175.46	6845.14	-190.43	15.13	191.03	10.00	590664.87	615389.88	
6950.00	53.20	175.46	6876.80	-228.99	18.19	229.71	10.00	590626.31	615392.94	
7000.00	58.20	175.46	6904.97	-270.15	21.46	271.00	10.00	590585.15	615396.21	
7050.00	63.20	175.46	6929.44	-313.60	24.91	314.59	10.00	590541.70	615399.66	
7100.00	68.20	175.46	6950.01	-359.01	28.52	360.14	10.00	590496.29	615403.27	
7150.00	73.20	175.46	6966.53	-406.04	32.26	407.32	10.00	590449.26	615407.01	



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WFT Plan Report - X & Y's



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Jasper 32 State #8H
Well: Jasper 32 State #8H
Wellpath: 1

Date: 8/14/2012 Time: 08:58:29 Page: 2
Co-ordinate(NE) Reference: Well Jasper 32 State #8H, Grid North
Vertical (TVD) Reference: SITE 3283.0
Section (VS) Reference: Well (0.00N, 0.00E, 175.46Azi)
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	Comments
7200.00	78.20	175.46	6978.88	-454.32	36.09	455.75	10.00	590400.98	615410.84	
7250.00	83.20	175.46	6986.96	-503.49	40.00	505.08	10.00	590351.81	615414.75	
7300.00	88.20	175.46	6990.71	-553.18	43.95	554.92	10.00	590302.12	615418.70	
7317.90	89.99	175.46	6991.00	-571.02	45.37	572.82	10.00	590284.28	615420.12	LP
7400.00	89.99	175.46	6991.02	-652.86	51.87	654.92	0.00	590202.44	615426.62	
7500.00	89.99	175.46	6991.04	-752.55	59.79	754.92	0.00	590102.75	615434.54	
7600.00	89.99	175.46	6991.06	-852.23	67.71	854.92	0.00	590003.07	615442.46	
7700.00	89.99	175.46	6991.09	-951.92	75.63	954.92	0.00	589903.38	615450.38	
7800.00	89.99	175.46	6991.11	-1051.60	83.55	1054.92	0.00	589803.70	615458.30	
7900.00	89.99	175.46	6991.14	-1151.29	91.47	1154.92	0.00	589704.01	615466.22	
8000.00	89.99	175.46	6991.16	-1250.98	99.39	1254.92	0.00	589604.32	615474.14	
8100.00	89.99	175.46	6991.18	-1350.66	107.31	1354.92	0.00	589504.64	615482.06	
8200.00	89.99	175.46	6991.21	-1450.35	115.23	1454.92	0.00	589404.95	615489.98	
8300.00	89.99	175.46	6991.23	-1550.03	123.15	1554.92	0.00	589305.27	615497.90	
8400.00	89.99	175.46	6991.25	-1649.72	131.07	1654.92	0.00	589205.58	615505.82	
8500.00	89.99	175.46	6991.28	-1749.41	138.98	1754.92	0.00	589105.89	615513.73	
8600.00	89.99	175.46	6991.30	-1849.09	146.90	1854.92	0.00	589006.21	615521.65	
8700.00	89.99	175.46	6991.33	-1948.78	154.82	1954.92	0.00	588906.52	615529.57	
8800.00	89.99	175.46	6991.35	-2048.46	162.74	2054.92	0.00	588806.84	615537.49	
8900.00	89.99	175.46	6991.37	-2148.15	170.66	2154.92	0.00	588707.15	615545.41	
9000.00	89.99	175.46	6991.40	-2247.83	178.58	2254.92	0.00	588607.47	615553.33	
9100.00	89.99	175.46	6991.42	-2347.52	186.50	2354.92	0.00	588507.78	615561.25	
9200.00	89.99	175.46	6991.45	-2447.21	194.42	2454.92	0.00	588408.09	615569.17	
9300.00	89.99	175.46	6991.47	-2546.89	202.34	2554.92	0.00	588308.41	615577.09	
9400.00	89.99	175.46	6991.49	-2646.58	210.26	2654.92	0.00	588208.72	615585.01	
9500.00	89.99	175.46	6991.52	-2746.26	218.18	2754.92	0.00	588109.04	615592.93	
9600.00	89.99	175.46	6991.54	-2845.95	226.10	2854.92	0.00	588009.35	615600.85	
9700.00	89.99	175.46	6991.56	-2945.64	234.02	2954.92	0.00	587909.66	615608.77	
9800.00	89.99	175.46	6991.59	-3045.32	241.94	3054.92	0.00	587809.98	615616.69	
9900.00	89.99	175.46	6991.61	-3145.01	249.86	3154.92	0.00	587710.29	615624.61	
10000.00	89.99	175.46	6991.64	-3244.69	257.78	3254.92	0.00	587610.61	615632.53	
10100.00	89.99	175.46	6991.66	-3344.38	265.70	3354.92	0.00	587510.92	615640.45	
10200.00	89.99	175.46	6991.68	-3444.07	273.62	3454.92	0.00	587411.23	615648.37	
10300.00	89.99	175.46	6991.71	-3543.75	281.54	3554.92	0.00	587311.55	615656.29	
10400.00	89.99	175.46	6991.73	-3643.44	289.46	3654.92	0.00	587211.86	615664.21	
10500.00	89.99	175.46	6991.75	-3743.12	297.38	3754.92	0.00	587112.18	615672.13	
10600.00	89.99	175.46	6991.78	-3842.81	305.30	3854.92	0.00	587012.49	615680.05	
10700.00	89.99	175.46	6991.80	-3942.50	313.22	3954.92	0.00	586912.80	615687.97	
10800.00	89.99	175.46	6991.83	-4042.18	321.14	4054.92	0.00	586813.12	615695.89	
10900.00	89.99	175.46	6991.85	-4141.87	329.06	4154.92	0.00	586713.43	615703.81	
11000.00	89.99	175.46	6991.87	-4241.55	336.98	4254.92	0.00	586613.75	615711.73	
11100.00	89.99	175.46	6991.90	-4341.24	344.90	4354.92	0.00	586514.06	615719.65	
11200.00	89.99	175.46	6991.92	-4440.92	352.82	4454.92	0.00	586414.38	615727.57	
11300.00	89.99	175.46	6991.94	-4540.61	360.74	4554.92	0.00	586314.69	615735.49	
11400.00	89.99	175.46	6991.97	-4640.30	368.66	4654.92	0.00	586215.00	615743.41	
11500.00	89.99	175.46	6991.99	-4739.98	376.58	4754.92	0.00	586115.32	615751.33	
11535.14	89.99	175.46	6992.00	-4775.01	379.36	4790.06	0.00	586080.29	615754.11	PBHL



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WFT Plan Report - X & Y's



Company: Devon Energy	Date: 8/14/2012	Time: 08:58 29	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: Jasper 32 State #8H, Grd North		
Site: Jasper 32 State #8H	Vertical (TVD) Reference: SITE 3283 0		
Well: Jasper 32 State #8H	Section (VS) Reference: Well (0 00N,0.00E,175 46Azi)		
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 --->	<--- Longitude --->
PBHL			6992.00	-4775.01	379 36	586080.29	615754 11	32 36 39 422 N	104 5 29 971 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
6418.04	6418.04	KOP
7317.90	6991.00	LP
11535.13	6992.00	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

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

GeoDec v5.03

Report Date: August 14, 2012
Job Number: _____
Customer: Devon Energy
Well Name: Jasper 32 State #8H
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 590855.300 USFT	Latitude 32.6240811 DEG
East/West 615374.750 USFT	Longitude -104.0928515 DEG
Grid Convergence: .13°	
Total Correction: +7.46°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.62408° N	32° 37 min 26.692 sec
Longitude =	104.09285° W	104° 5 min 34.265 sec

Magnetic Declination =	7.59°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6563
Local Field Strength =	48604 nT	Magnetic Vector X = 23787 nT
Magnetic Dip =	60.41°	Magnetic Vector Y = 3171 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 42267 nT
Spud Date =	Aug 15, 2013	Magnetic Vector H = 23997 nT

Signed: _____

Date: _____