

DATE IN <u>1.4.11</u>	SUSPENSE	ENGINEER <u>DKB</u>	LOGGED IN <u>1.4.11</u>	TYPE <u>NSL's</u>	APP NO. <u>1100455772</u>
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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
8 Wells

ADMINISTRATIVE APPLICATION CHECKLIST

Aldabra 25 Feb

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]

#14 thru 8H
G3 22

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

RECEIVED OGD

[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 _____

201 JAN -3 P 16:51

RECEIVED OGD

[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

NSL-3621
3544
3475

[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.

Katie A. McDonnell
 Print or Type Name

Katie A. McDonnell
 Signature

Landman
 Title

12-30-2010
 Date

Katie.Mcdonnell@dvn.com
 e-mail Address



Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 235 3611 Phone
www.devonenergy.com

RECEIVED OGD

December 30, 2010

201 JAN -3 P 12:52

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

RE: Aldabra 25 Fed #1H - #8H
Section 25-T23S-R31E
Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, intends to drill the referenced horizontal Bone Spring formation wells with permitted SHL, BHL, TVD, MD, and penetration points as follows:

Section 25, Township 23 South, Range 31 East, Eddy County, NM

Aldabra 25 Fed #1H:

SHL: 200' FSL & 635' FWL M W/2 W/2
BHL: 330' FNL & 400' FWL D
TVD: 9,050'; MD: 13,680'
Penetration Point: 186' FSL & 622' FWL

Aldabra 25 Fed #2H:

SHL: 200' FSL & 685' FWL M W/2 W/2
BHL: 330' FNL & 1,000' FWL D
TVD: 9,060'; MD: 13,707'
Penetration Point: 199' FSL & 687' FWL

Aldabra 25 Fed #3H:

SHL: 200' FSL & 2,260' FWL N E/2 W/2
BHL: 330' FNL & 1,650' FWL C
TVD: 9,080'; MD: 13,906'
Penetration Point: 197' FSL & 2,252' FWL

Aldabra 25 Fed #4H:

SHL: 200' FSL & 2,310' FWL N E/2 W/2
BHL: 330' FNL & 2,310' FWL C
TVD: 9,100'; MD: 13,646'
Penetration Point: 200' FSL & 2,310' FWL

Aldabra 25 Fed #5H:

SHL: 200' FSL & 2,360' FWL N W/2 E/2
BHL: 330' FNL & 2,310' FEL B
TVD: 9,110'; MD: 13,934'
Penetration Point: 199' FSL & 2,363' FWL

Aldabra 25 Fed #6H:

SHL: 200' FSL & 1,050' FEL P W/2 E/2
BHL: 330' FNL & 1,650' FEL B
TVD: 9,130'; MD: 13,947'
Penetration Point: 195' FSL & 1,064' FEL P

Aldabra 25 Fed #7H:

SHL: 200' FSL & 1,000' FEL P E/2 E/2
BHL: 330' FNL & 1,000' FEL A
TVD: 9,155'; MD: 13,749'
Penetration Point: 178' FSL & 1,000' FEL P

Aldabra 25 Fed #8H:

SHL: 200' FSL & 950' FEL P E/2 E/2
BHL: 330' FNL & 400' FEL A
TVD: 9,180'; MD: 13,960'
Penetration Point: 197' FSL & 959' FEL

We will penetrate the top of the Bone Spring formation at the above referenced footage calls, although the highest perforations in the wells will not be closer than 330' to the outer boundary of the project area.

The surface hole locations will be non-standard in order to maximize the length of the horizontal portion of the wellbores within the target Bone Spring interval. By spotting the surface hole locations 200' from the section lines, this allows room to build the curve and land horizontally at standard locations within the target interval. Perforations in the horizontal wellbores in the target Bone Spring interval will be at least 330' from the section lines. With the proposed well plans, the productive interval of the horizontal wellbores within the target Bone Spring interval is maximized.

Inasmuch as the referenced wells will penetrate the top of the Bone Spring formation at unorthodox locations from that permitted by the Statewide Pool Rules, Devon respectfully requests that the Commission administratively approve this application for unorthodox locations in accordance with Division Rule 104(F)(3). These unorthodox locations affect leasehold owners as follows:

- Aldabra 25 Fed #1H & #2H affect leasehold owners in Unit letter D of section 36-T23S-R31E
- Aldabra 25 Fed #3H & #4H affect leasehold owners in Unit letter C of section 36-T23S-R31E
- Aldabra 25 Fed #5H affects leasehold owners in Unit letter B & C of section 36-T23S-R31E, as well as leasehold owners in Unit letter O of said section 25
- Aldabra 25 Fed #6H & #7H affect leasehold owners in Unit letters A & B of section 36-T23S-R31E, as well as leasehold owners in Unit letter O of said section 25
- Aldabra 25 Fed #8H affects leasehold owners in Unit letter A of section 36-T23S-R31E

Devon is the operator of all wells located in said affected unit letters. In accordance with NMOCD Rules, all working interest owners in Unit letters A, B, C, and D of section 36-T23S-R31E have been given notice of this

December 30, 2010

application, as well as working interest owners in Unit letter O of section 25-T23S-R31E. Additionally, Devon requests Commission approval to designate 4 (four), 160 acre project areas consisting of four standard oil spacing units comprised of the following Unit letters of said Section 25.

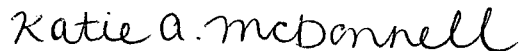
- Aldabra 25 Fed #1H & #2H: W/2 W/2; Unit letters D, E, L, M
- Aldabra 25 Fed #3H & #4H: E/2 W/2; Unit letters C, F, K, N
- Aldabra 25 Fed #5H & #6H: W/2 E/2; Unit letters B, G, J, O
- Aldabra 25 Fed #7H & #8H: E/2 E/2; Unit letters A, H, I, P

Attached for your review you will find a land plat, copies of letters of notification to the affected parties, a structure map covering the Top Bone Spring formation, State of New Mexico form C-102's, and Well Profile Planning Reports prepared by Pathfinder Energy Services.

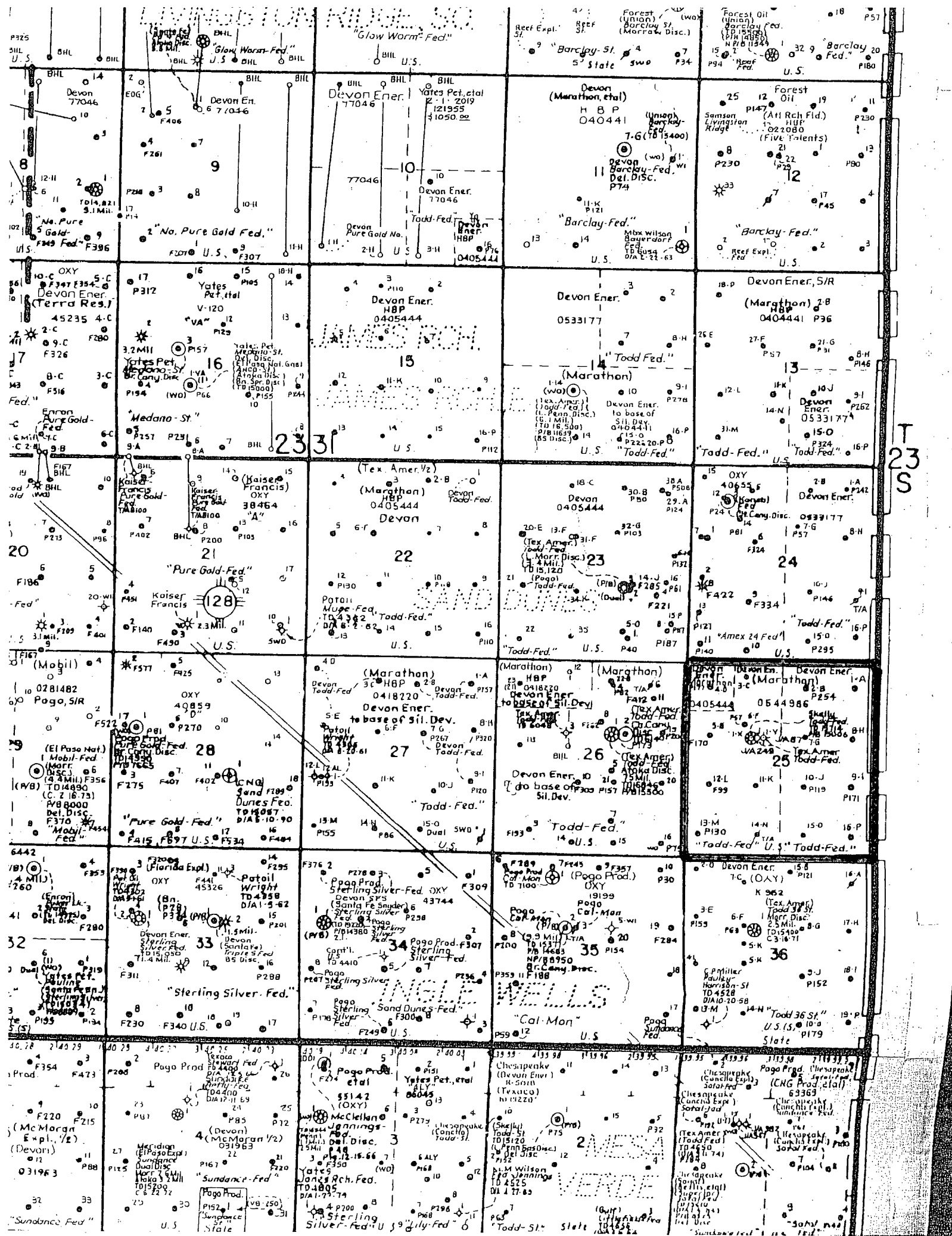
Feel free to contact the undersigned at (405)552-8040 if there are any concerns or questions regarding this application.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

A handwritten signature in cursive script that reads "Katie A. McDonnell".

Katie A. McDonnell
Landman





Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 235 3611 Phone
www.devonenergy.com

December 30, 2010

To Working Interest Owners
See Address List Attached

Re: Aldabra 25 Fed #1H-#8H
Section 25-T23S-R31E
Eddy County, New Mexico

Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s administrative application for approval of unorthodox well locations covering the referenced wells. Our records indicate that as a working interest owner in the following wells, you are an affected owner of an offset spacing unit and are entitled to notice of this application in accordance with Division Rule 104(f).

- Todd 36D St #2, section 36-T23S-R31E
- Todd 36A St #16, section 36-T23S-R31E
- Todd 36B St #15, section 36-T23S-R31E
- Todd 36B St #20H, section 36-T23S-R31E
- Todd 36C St #7, section 36-T23S-R31E
- Todd 25O Fed #15, section 25-T23S-R31E

In accordance with NMOCD Rules, objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days from the date the OCD receives the application. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned via facsimile to 405-552-8113.

If there are any questions or if additional information is required, feel free to call me at (405) 552-8040.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

A handwritten signature in cursive script that reads "Katie A. McDonnell".

Katie A. McDonnell
Landman

We have no objection to this administrative application for unorthodox location.

By: _____

Title: _____

Company: _____

Date: _____

Working Interest Owners

Bascom Mitchell Family Partnership, L.P.
No. 1 Live Oak
Midland, TX 79705

Joe N. Gifford
P. O. Box 51187
Midland, TX 79710-1187

Mary Patricia Dougherty Trust
c/o Northern Bank of Texas
2701 Kirby Drive
Houston, TX 77098
Attn: David J. Parker

Obie & Company
c/o JPMorgan Chase Bank
600 Travis Street, 3rd Floor
Houston, TX 77252
Attn: H. L. Tompkins

Thomas E. Kelly
TEK Properties, Ltd.
The Highlands
Seattle, WA 98177

Otto E. Schroeder, Jr.
2015 Channing Park
Arlington, TX 76013

Catherine M. Grace
c/o Dan Serna & Company
6031 W. I-20, Suite 251
Arlington, TX 76017

Leonard Olson
c/o Dan Serna & Company
6031 W. I-20, Suite 251
Arlington, TX 76017

Nortex Corporation
1415 Louisiana, Suite 3100
Houston, TX 77003

Marathon Oil Company
P.O. Box 3128
Houston, TX 77253-3128
Attn: Robert Angel

Shenandoah Petroleum
24 Smith Road, Suite 601
Midland, TX 79705

Mabee Flynt Lease Trust
11010 Crestmore
Houston, TX 77096

Miranda Energy Corporation
24 Smith Road, Suite 601
Midland, TX 79705



Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 235 3611 Phone
www.devonenergy.com

December 30, 2010

To Working Interest Owners
See Address List Attached

Re: Aldabra 25 Fed #1H-#8H
Section 25-T23S-R31E
Eddy County, New Mexico

Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s administrative application for approval of unorthodox well locations covering the referenced wells. Our records indicate that as a working interest owner in the Todd 250 Fed #15, you are an affected owner of an offset spacing unit and are entitled to notice of this application in accordance with Division Rule 104(f).

In accordance with NMOCD Rules, objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days from the date the OCD receives the application. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned via facsimile to 405-552-8113.

If there are any questions or if additional information is required, feel free to call me at (405) 552-8040.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

A handwritten signature in cursive script that reads "Katie A. McDonnell".

Katie A. McDonnell
Landman

We have no objection to this administrative application for unorthodox location.

By: _____

Title: _____

Company: _____

Date: _____

Working Interest Owners

Attn: Steven Cobb
XTO Energy Inc.
810 Houston St, Suite 2000
Fort Worth, TX 76102

Patti MacDonald
P. O. Box 8902
Midland, TX 79708-8902

Patti MacDonald Family Trust
P. O. Box 8902
Midland, TX 79708-8902

Callie Anne Innerarity Trust
Kelly Innerarity, Trustee
P.O. Box 159
Rosanky, TX 78953



AVALON SHALE

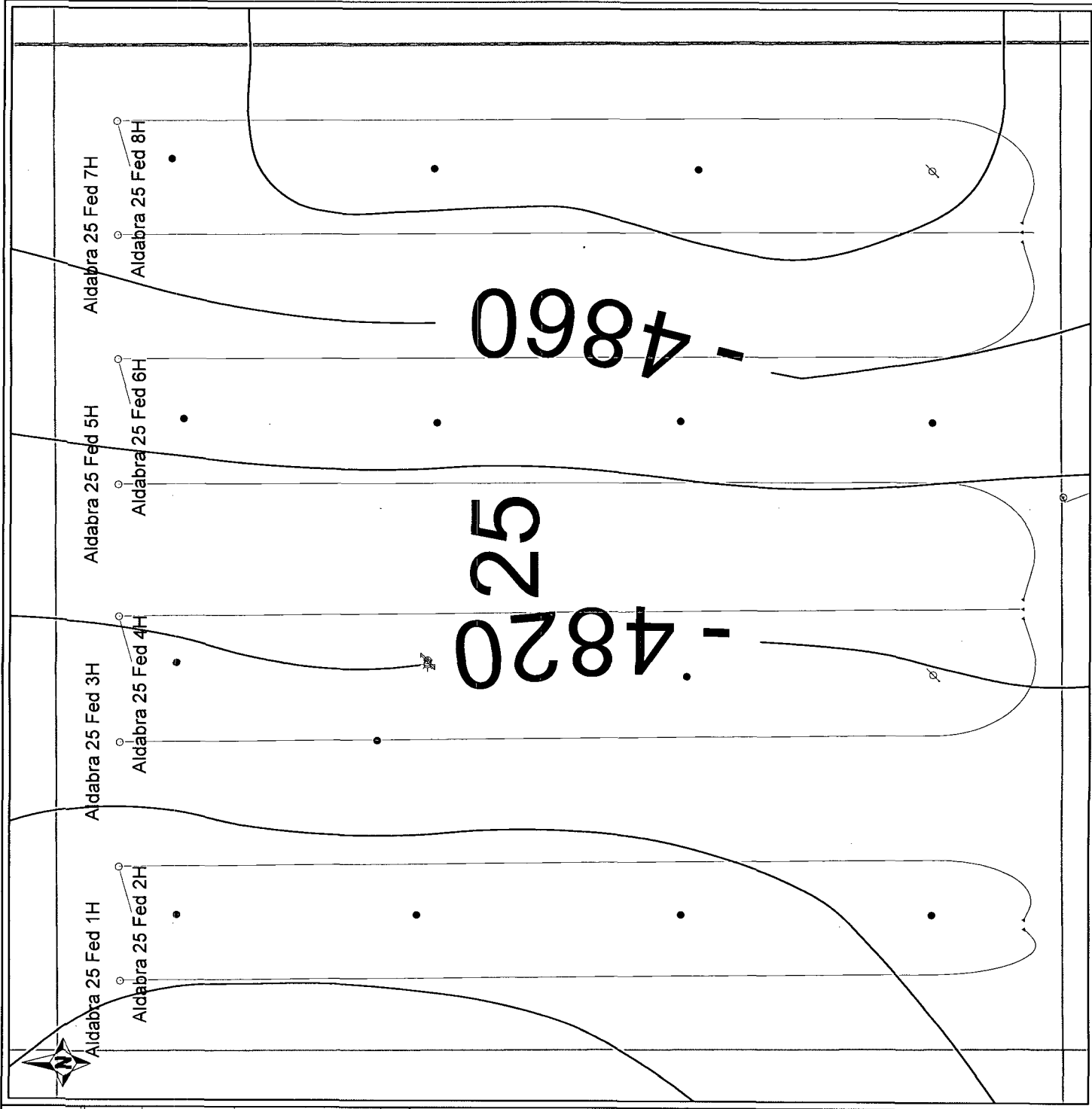
Aldabra Section 25 NSL's

Structure Top Bone Spring (TVDSS)

WELL SYMBOLS

- Oil Well
- ☆ Gas Well
- ⊗ Injection Well
- ⊘ Junked
- ⊙ TD REACHED
- START

By: C Burdick



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
⁴ Property Code	⁵ Property Name ALDABRA "25" FED.	⁶ Well Number 1H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3483.8

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
M	25	23 S	31 E		200	SOUTH	635	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	25	23 S	31 E		330	NORTH	400	WEST	EDDY

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

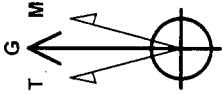
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	TOE TARGET LAT. = 32°16'54.93"N LONG. = 103°44'19.59"W NMSP EAST (FT) N = 466756.86 E = 725088.03	NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84	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.
	ALDABRA "25" FED. #1H ELEV. = 3483.8' LAT. = 32°16'07.913"N (NAD83) LONG. = 103°44'16.876"W NMSP EAST (FT) N = 462005.54 E = 725347.71	SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42	



Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Plan: Plan #1 (#1H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid

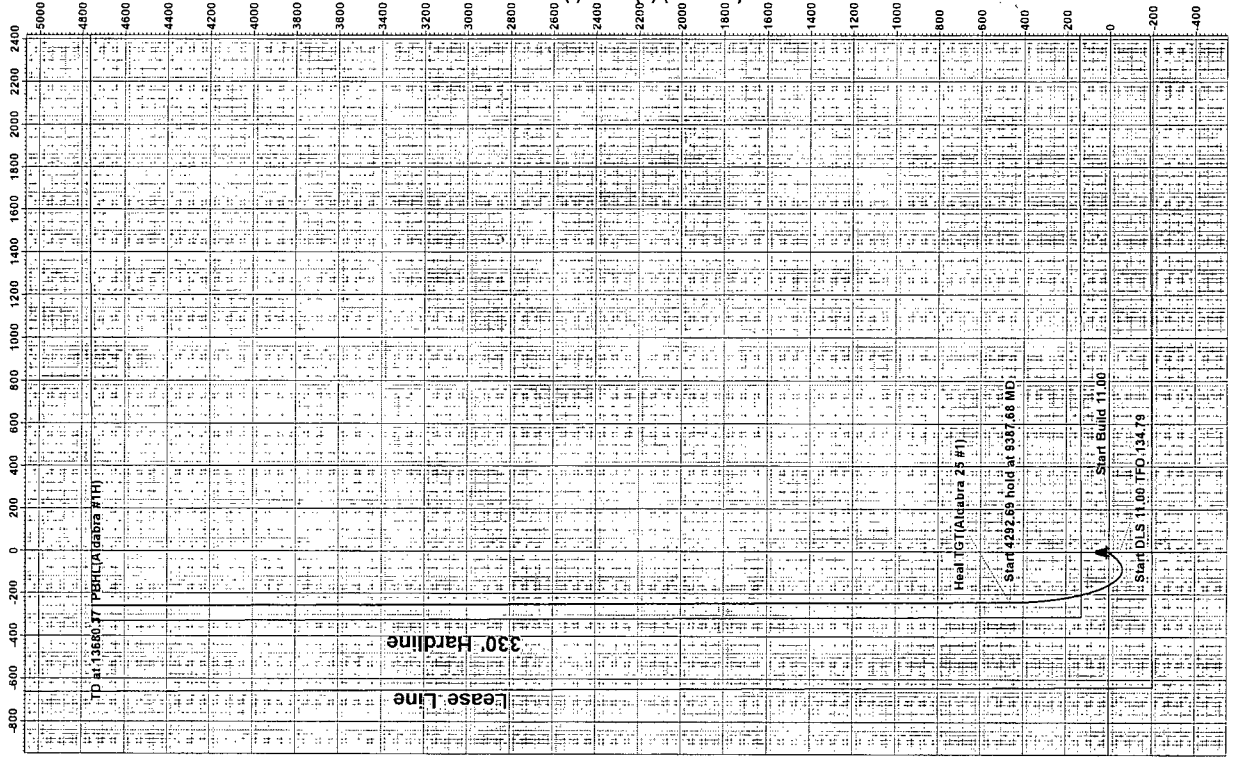


Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.42°
Magnetic Field
Strength: 48725.95nT
Dip Angle: 60.24°
Date: 10/12/2010
Model: IGRF200510



A Schlumberger Company

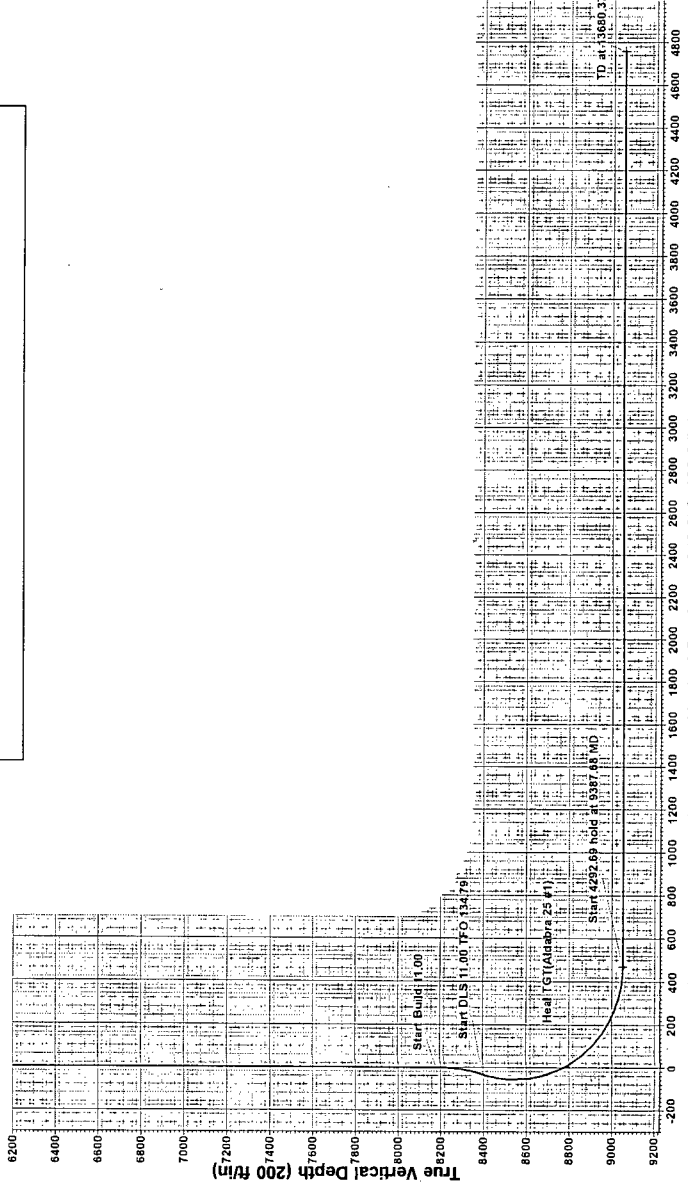
West(-)/East(+) (200 ft/in)



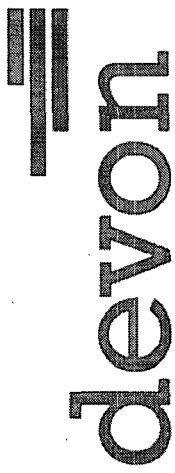
SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8181.00	0.00	0.00	8181.00	0.00	0.00	0.00	0.00	0.00
3	8408.06	24.76	222.15	8398.11	-35.50	-32.13	11.00	222.15	-33.69
4	9050.00	80.00	359.70	9050.00	458.71	-237.34	11.00	134.79	470.98
5	13680.37	93.00	393.70	9050.00	4731.34	-259.68	0.00	0.00	4739.43

WELL DETAILS: #1H					
Ground Elevation: 3483.80					
RKB Elevation: WELL @ 3508.80ft (25' Kb Correction)					
Rig Name: 25' Kb Correction					
	+N-S	+E-W	Northing	Easting	Longitude
	0.00	0.00	462005.540	725347.710	32° 16' 7.410 N 103° 44' 16.767 W

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N-S	+E-W	Northing	Easting
Heal TGT(Aldabra 25 #1)	9050.00	458.71	-237.34	462444.280	725110.370
PBL(Aldabra #1H)	9050.00	4731.34	-259.68	469755.880	725086.030



Vertical Section at 356.87° (200 ft/in)



Devon Energy, Inc.

Eddy County

Aldabra "25" Fed

#1H

OH

Plan: Plan #1

Pathfinder X & Y Planning Report

12 October, 2010

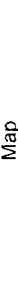
PATHFINDER®

A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference: WELL @ 3508.80ft (25' Kb Correction)
MD Reference: WELL @ 3508.80ft (25' Kb Correction)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Project  Eddy County	Map System: US State Plane 1983 Geo Datum: North American Datum 1983 Map Zone: New Mexico Eastern Zone	System Datum: Mean Sea Level
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Site:	Aldabra "25" Fed	
Site Position:	Map	
From:		
Position Uncertainty:	0.00 ft	
Northing:	462,005.540 ft	Latitude: 32° 16' 7.410 N
Easting:	725,347.710 ft	Longitude: 103° 44' 16.767 W
Slot Radius:	"	Grid Convergence: 0.32 °

Well	#1H					
Well Position	+N/-S	0.00 ft				
	+E/-W	0.00 ft				
Position Uncertainty		0.00 ft				
			Northing:	462,005.540 ft	Latitude:	32° 16' 7.410 N
			Easting:	725,347.710 ft	Longitude:	103° 44' 16.767 W
			Wellhead Elevation:	ft	Ground Level:	3,483.80 ft

Wellbore	OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)	48 726
	IGRF200510	10/12/10	7.74	60.24		

Design						Plan #1	
Audit Notes:							
Version:							
Vertical Section:							
	Depth From (TVD) (ft)	Phase:	PLAN	Tie On Depth:	+E/-W (ft)	+N/-S (ft)	Direction (°)
	0.00				0.00	0.00	355.87

Survey Tool Program		Date		
	To From (ft)	Survey (Wellbore)	Tool Name	Description
0.00	13.679.91	Plan #1 (OH)	Pathfinder	Pathfinder MWD



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #1H
WELL @ 3508.80ft (25' Kb Correction)
WELL @ 3508.80ft (25' Kb Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,508.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
100.00	0.00	0.00	100.00	-3,408.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
200.00	0.00	0.00	200.00	-3,308.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
300.00	0.00	0.00	300.00	-3,208.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
400.00	0.00	0.00	400.00	-3,108.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
500.00	0.00	0.00	500.00	-3,008.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
600.00	0.00	0.00	600.00	-2,908.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
700.00	0.00	0.00	700.00	-2,808.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
800.00	0.00	0.00	800.00	-2,708.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
900.00	0.00	0.00	900.00	-2,608.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,000.00	0.00	0.00	1,000.00	-2,508.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,100.00	0.00	0.00	1,100.00	-2,408.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,200.00	0.00	0.00	1,200.00	-2,308.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,300.00	0.00	0.00	1,300.00	-2,208.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,400.00	0.00	0.00	1,400.00	-2,108.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,500.00	0.00	0.00	1,500.00	-2,008.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,600.00	0.00	0.00	1,600.00	-1,908.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,700.00	0.00	0.00	1,700.00	-1,808.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,800.00	0.00	0.00	1,800.00	-1,708.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
1,900.00	0.00	0.00	1,900.00	-1,608.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,000.00	0.00	0.00	2,000.00	-1,508.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,100.00	0.00	0.00	2,100.00	-1,408.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,200.00	0.00	0.00	2,200.00	-1,308.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,300.00	0.00	0.00	2,300.00	-1,208.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,400.00	0.00	0.00	2,400.00	-1,108.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,500.00	0.00	0.00	2,500.00	-1,008.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,600.00	0.00	0.00	2,600.00	-908.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #1H
WELL @ 3508.80ft (25' Kb Correction)
WELL @ 3508.80ft (25' Kb Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-808.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,800.00	0.00	0.00	2,800.00	-708.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
2,900.00	0.00	0.00	2,900.00	-608.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,000.00	0.00	0.00	3,000.00	-508.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,100.00	0.00	0.00	3,100.00	-408.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,200.00	0.00	0.00	3,200.00	-308.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,300.00	0.00	0.00	3,300.00	-208.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,400.00	0.00	0.00	3,400.00	-108.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,500.00	0.00	0.00	3,500.00	-8.80	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,600.00	0.00	0.00	3,600.00	91.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,700.00	0.00	0.00	3,700.00	191.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,800.00	0.00	0.00	3,800.00	291.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
3,900.00	0.00	0.00	3,900.00	391.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,000.00	0.00	0.00	4,000.00	491.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,100.00	0.00	0.00	4,100.00	591.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,200.00	0.00	0.00	4,200.00	691.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,300.00	0.00	0.00	4,300.00	791.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,400.00	0.00	0.00	4,400.00	891.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,500.00	0.00	0.00	4,500.00	991.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,600.00	0.00	0.00	4,600.00	1,091.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,700.00	0.00	0.00	4,700.00	1,191.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,800.00	0.00	0.00	4,800.00	1,291.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
4,900.00	0.00	0.00	4,900.00	1,391.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,000.00	0.00	0.00	5,000.00	1,491.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,100.00	0.00	0.00	5,100.00	1,591.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,200.00	0.00	0.00	5,200.00	1,691.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,300.00	0.00	0.00	5,300.00	1,791.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Adabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #1H
WELL @ 3508.80ft (25' Kb Correction)
WELL @ 3508.80ft (25' Kb Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,891.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,500.00	0.00	0.00	5,500.00	1,991.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,600.00	0.00	0.00	5,600.00	2,091.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,700.00	0.00	0.00	5,700.00	2,191.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,800.00	0.00	0.00	5,800.00	2,291.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
5,900.00	0.00	0.00	5,900.00	2,391.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,000.00	0.00	0.00	6,000.00	2,491.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,100.00	0.00	0.00	6,100.00	2,591.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,200.00	0.00	0.00	6,200.00	2,691.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,300.00	0.00	0.00	6,300.00	2,791.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,400.00	0.00	0.00	6,400.00	2,891.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,500.00	0.00	0.00	6,500.00	2,991.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,600.00	0.00	0.00	6,600.00	3,091.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,700.00	0.00	0.00	6,700.00	3,191.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,800.00	0.00	0.00	6,800.00	3,291.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
6,900.00	0.00	0.00	6,900.00	3,391.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,000.00	0.00	0.00	7,000.00	3,491.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,100.00	0.00	0.00	7,100.00	3,591.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,200.00	0.00	0.00	7,200.00	3,691.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,300.00	0.00	0.00	7,300.00	3,791.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,400.00	0.00	0.00	7,400.00	3,891.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,500.00	0.00	0.00	7,500.00	3,991.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,600.00	0.00	0.00	7,600.00	4,091.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,700.00	0.00	0.00	7,700.00	4,191.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,800.00	0.00	0.00	7,800.00	4,291.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
7,900.00	0.00	0.00	7,900.00	4,391.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
8,000.00	0.00	0.00	8,000.00	4,491.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71



Pathfinder

Pathfinder X & Y Planning Report



A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #1H
WELL @ 3508.80ft (25' Kb Correction)
WELL @ 3508.80ft (25' Kb Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V/Sec (ft)	D/Leg (°/100ft)	Northing (ft)	Easting (ft)
8,100.00	0.00	0.00	8,100.00	4,591.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
8,181.00	0.00	0.00	8,181.00	4,672.20	0.00	0.00	0.00	0.00	462,005.54	725,347.71
8,200.00	2.09	222.15	8,200.00	4,691.20	-0.26	-0.23	-0.24	11.00	462,005.28	725,347.48
8,250.00	7.59	222.15	8,249.80	4,741.00	-3.38	-3.06	-3.21	11.00	462,002.16	725,344.65
8,300.00	13.09	222.15	8,298.97	4,790.17	-10.04	-9.09	-9.53	11.00	461,995.50	725,338.62
8,350.00	18.59	222.15	8,347.05	4,838.25	-20.15	-18.24	-19.13	11.00	461,985.39	725,329.47
8,400.00	24.10	222.15	8,393.60	4,884.80	-33.64	-30.45	-31.93	11.00	461,971.90	725,317.26
8,406.06	24.76	222.15	8,399.11	4,890.31	-35.50	-32.13	-33.69	11.00	461,970.04	725,315.58
8,450.00	21.61	231.50	8,439.52	4,930.72	-47.36	-44.65	-44.86	11.00	461,958.18	725,303.06
8,500.00	18.87	245.34	8,486.45	4,977.65	-56.48	-59.21	-53.16	11.00	461,949.06	725,288.50
8,550.00	17.42	262.46	8,534.00	5,025.20	-60.83	-73.99	-56.71	11.00	461,944.71	725,273.72
8,600.00	17.60	280.80	8,581.72	5,072.92	-60.40	-88.85	-55.46	11.00	461,945.14	725,258.86
8,650.00	19.36	297.32	8,629.17	5,120.37	-55.18	-103.65	-49.44	11.00	461,950.36	725,244.06
8,700.00	22.32	310.40	8,675.92	5,167.12	-45.21	-118.26	-38.69	11.00	461,960.33	725,229.45
8,750.00	26.09	320.22	8,721.54	5,212.74	-30.60	-132.53	-23.32	11.00	461,974.94	725,215.18
8,800.00	30.35	327.59	8,765.60	5,256.80	-11.47	-146.35	-3.47	11.00	461,994.07	725,201.36
8,850.00	34.94	333.24	8,807.70	5,298.90	12.00	-159.58	20.69	11.00	462,017.54	725,188.13
8,900.00	39.73	337.70	8,847.45	5,338.65	39.59	-172.10	48.92	11.00	462,045.13	725,175.61
8,950.00	44.66	341.34	8,884.48	5,375.68	71.04	-183.79	80.97	11.00	462,076.58	725,163.92
9,000.00	49.69	344.39	8,918.47	5,409.67	106.08	-194.55	116.54	11.00	462,111.62	725,153.16
9,050.00	54.79	347.01	8,949.08	5,440.28	144.37	-204.28	155.30	11.00	462,149.91	725,143.43
9,100.00	59.93	349.32	8,976.04	5,467.24	185.56	-212.89	196.91	11.00	462,191.10	725,134.82
9,150.00	65.11	351.40	8,999.10	5,490.30	229.28	-220.30	240.96	11.00	462,234.82	725,127.41
9,200.00	70.32	353.31	9,018.06	5,509.26	275.12	-226.44	287.07	11.00	462,280.66	725,121.27
9,250.00	75.55	355.10	9,032.72	5,523.92	322.66	-231.25	334.80	11.00	462,328.20	725,116.46
9,300.00	80.79	356.81	9,042.97	5,534.17	371.46	-234.70	383.71	11.00	462,377.00	725,113.01
9,350.00	86.04	358.47	9,048.70	5,539.90	421.07	-236.74	433.36	11.00	462,426.61	725,110.97



Pathfinder
Pathfinder X & Y Planning Report



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Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
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North Reference:
Survey Calculation Method:
Database:

Well #1H
WELL @ 3508.80ft (25' Kb Correction)
WELL @ 3508.80ft (25' Kb Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
9,387.68	90.00	359.70	9,050.00	5,541.20	458.71	-237.34	470.98	11.00	462,464.25	725,110.37
Heal TGT(Aldabra 25 #1)										
9,400.00	90.00	359.70	9,050.00	5,541.20	471.03	-237.40	483.28	0.00	462,476.57	725,110.31
9,500.00	90.00	359.70	9,050.00	5,541.20	571.03	-237.92	583.16	0.00	462,576.57	725,109.79
9,600.00	90.00	359.70	9,050.00	5,541.20	671.03	-238.44	683.04	0.00	462,676.57	725,109.27
9,700.00	90.00	359.70	9,050.00	5,541.20	771.03	-238.97	782.92	0.00	462,776.57	725,108.74
9,800.00	90.00	359.70	9,050.00	5,541.20	871.03	-239.49	882.80	0.00	462,876.57	725,108.22
9,900.00	90.00	359.70	9,050.00	5,541.20	971.02	-240.01	982.67	0.00	462,976.56	725,107.70
10,000.00	90.00	359.70	9,050.00	5,541.20	1,071.02	-240.53	1,082.55	0.00	463,076.56	725,107.18
10,100.00	90.00	359.70	9,050.00	5,541.20	1,171.02	-241.05	1,182.43	0.00	463,176.56	725,106.66
10,200.00	90.00	359.70	9,050.00	5,541.20	1,271.02	-241.57	1,282.31	0.00	463,276.56	725,106.14
10,300.00	90.00	359.70	9,050.00	5,541.20	1,371.02	-242.09	1,382.19	0.00	463,376.56	725,105.62
10,400.00	90.00	359.70	9,050.00	5,541.20	1,471.02	-242.61	1,482.06	0.00	463,476.56	725,105.10
10,500.00	90.00	359.70	9,050.00	5,541.20	1,571.02	-243.13	1,581.94	0.00	463,576.56	725,104.58
10,600.00	90.00	359.70	9,050.00	5,541.20	1,671.01	-243.65	1,681.82	0.00	463,676.55	725,104.06
10,700.00	90.00	359.70	9,050.00	5,541.20	1,771.01	-244.17	1,781.70	0.00	463,776.55	725,103.54
10,800.00	90.00	359.70	9,050.00	5,541.20	1,871.01	-244.69	1,881.58	0.00	463,876.55	725,103.02
10,900.00	90.00	359.70	9,050.00	5,541.20	1,971.01	-245.21	1,981.45	0.00	463,976.55	725,102.50
11,000.00	90.00	359.70	9,050.00	5,541.20	2,071.01	-245.73	2,081.33	0.00	464,076.55	725,101.98
11,100.00	90.00	359.70	9,050.00	5,541.20	2,171.01	-246.25	2,181.21	0.00	464,176.55	725,101.46
11,200.00	90.00	359.70	9,050.00	5,541.20	2,271.01	-246.77	2,281.09	0.00	464,276.55	725,100.94
11,300.00	90.00	359.70	9,050.00	5,541.20	2,371.00	-247.29	2,380.97	0.00	464,376.54	725,100.42
11,400.00	90.00	359.70	9,050.00	5,541.20	2,471.00	-247.81	2,480.84	0.00	464,476.54	725,099.90
11,500.00	90.00	359.70	9,050.00	5,541.20	2,571.00	-248.33	2,580.72	0.00	464,576.54	725,099.38
11,600.00	90.00	359.70	9,050.00	5,541.20	2,671.00	-248.85	2,680.60	0.00	464,676.54	725,098.86
11,700.00	90.00	359.70	9,050.00	5,541.20	2,771.00	-249.37	2,780.48	0.00	464,776.54	725,098.34
11,800.00	90.00	359.70	9,050.00	5,541.20	2,871.00	-249.89	2,880.36	0.00	464,876.54	725,097.82



Pathfinder

Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well#1H
WELL @ 3508.80ft (25' Kb Correction)
WELL @ 3508.80ft (25' Kb Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
11,900.00	90.00	359.70	9,050.00	5,541.20	2,971.00	-250.41	2,980.24	0.00	464,976.54	725,097.30
12,000.00	90.00	359.70	9,050.00	5,541.20	3,071.00	-250.94	3,080.11	0.00	465,076.54	725,096.77
12,100.00	90.00	359.70	9,050.00	5,541.20	3,170.99	-251.46	3,179.99	0.00	465,176.53	725,096.25
12,200.00	90.00	359.70	9,050.00	5,541.20	3,270.99	-251.98	3,279.87	0.00	465,276.53	725,095.73
12,300.00	90.00	359.70	9,050.00	5,541.20	3,370.99	-252.50	3,379.75	0.00	465,376.53	725,095.21
12,400.00	90.00	359.70	9,050.00	5,541.20	3,470.99	-253.02	3,479.63	0.00	465,476.53	725,094.69
12,500.00	90.00	359.70	9,050.00	5,541.20	3,570.99	-253.54	3,579.50	0.00	465,576.53	725,094.17
12,600.00	90.00	359.70	9,050.00	5,541.20	3,670.99	-254.06	3,679.38	0.00	465,676.53	725,093.65
12,700.00	90.00	359.70	9,050.00	5,541.20	3,770.99	-254.58	3,779.26	0.00	465,776.53	725,093.13
12,800.00	90.00	359.70	9,050.00	5,541.20	3,870.98	-255.10	3,879.14	0.00	465,876.52	725,092.61
12,900.00	90.00	359.70	9,050.00	5,541.20	3,970.98	-255.62	3,979.02	0.00	465,976.52	725,092.09
13,000.00	90.00	359.70	9,050.00	5,541.20	4,070.98	-256.14	4,078.89	0.00	466,076.52	725,091.57
13,100.00	90.00	359.70	9,050.00	5,541.20	4,170.98	-256.66	4,178.77	0.00	466,176.52	725,091.05
13,200.00	90.00	359.70	9,050.00	5,541.20	4,270.98	-257.18	4,278.65	0.00	466,276.52	725,090.53
13,300.00	90.00	359.70	9,050.00	5,541.20	4,370.98	-257.70	4,378.53	0.00	466,376.52	725,090.01
13,400.00	90.00	359.70	9,050.00	5,541.20	4,470.98	-258.22	4,478.41	0.00	466,476.52	725,089.49
13,500.00	90.00	359.70	9,050.00	5,541.20	4,570.98	-258.74	4,578.28	0.00	466,576.52	725,088.97
13,600.00	90.00	359.70	9,050.00	5,541.20	4,670.97	-259.26	4,678.16	0.00	466,676.51	725,088.45
13,680.37	90.00	359.70	9,050.00	5,541.20	4,751.34	-259.68	4,758.43	0.00	466,756.88	725,088.03

PBHL(Aldabra #1H)



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #1H
WELL @ 3508.80ft (25' Kb Correction)
WELL @ 3508.80ft (25' Kb Correction)
Grid
Minimum Curvature
Midland Database

Targets

Target Name	- hit/miss target	- Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Heal TGT(Aldabra 25)	- plan hits target center	- Point	0.00	0.00	9,050.00	458.71	-237.34	462,464.250	725,110.370	32° 16' 11.962 N	103° 44' 19.502 W
PBHL(Aldabra #1H)	- plan hits target center	- Point	0.00	0.00	9,050.00	4,751.34	-259.68	466,756.880	725,088.030	32° 16' 54.440 N	103° 44' 19.485 W

Checked By: _____

Approved By: _____

Date: _____

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
⁴ Property Code	⁵ Property Name ALDABRA "25" FED.	⁶ Well Number 2H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3484.7

¹⁰ Surface Location

UL or lot no. M	Section 25	Township 23 S	Range 31 E	Lot Idn	Feet from the 200	North/South line SOUTH	Feet from the 685	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 25	Township 23 S	Range 31 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1000	East/West line WEST	County EDDY
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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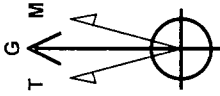
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

1000' 330' TOE TARGET TOE TARGET LAT. = 32°16'54.93"N LONG. = 103°44'12.60"W NMSP EAST (FT) N = 466759.94 E = 725688.05 NW CORNER SEC. 25 LAT. = 32°16'58.20"N LONG. = 103°44'24.25"W NMSP EAST (FT) N = 467084.84 E = 724686.25	NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84	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. Signature _____ Date _____ Printed Name _____
SW CORNER SEC. 25 LAT. = 32°16'05.93"N LONG. = 103°44'24.27"W NMSP EAST (FT) N = 461801.94 E = 724713.65	ALDABRA "25" FED. #2H ELEV. = 3484.7' LAT. = 32°16'07.914"N (NAD83) LONG. = 103°44'16.294"W NMSP EAST (FT) N = 462005.94 E = 725397.74	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. SEPTEMBER 18, 2010 MEXICO Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____ ELLIOTT F. JARAMILLO, PLS 12797 SURVEY NO. 218
1000' 200' 660' 685' HEAL TARGET HEAL TARGET LAT. = 32°16'12.46"N LONG. = 103°44'12.62"W NMSP EAST (FT) N = 462467.70 E = 725710.38 SURFACE LOCATION	SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42	



Project: Eddy County
Site: Aldabra "25" Fed
Well: #2H
Plan: Plan #1 (#2H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid

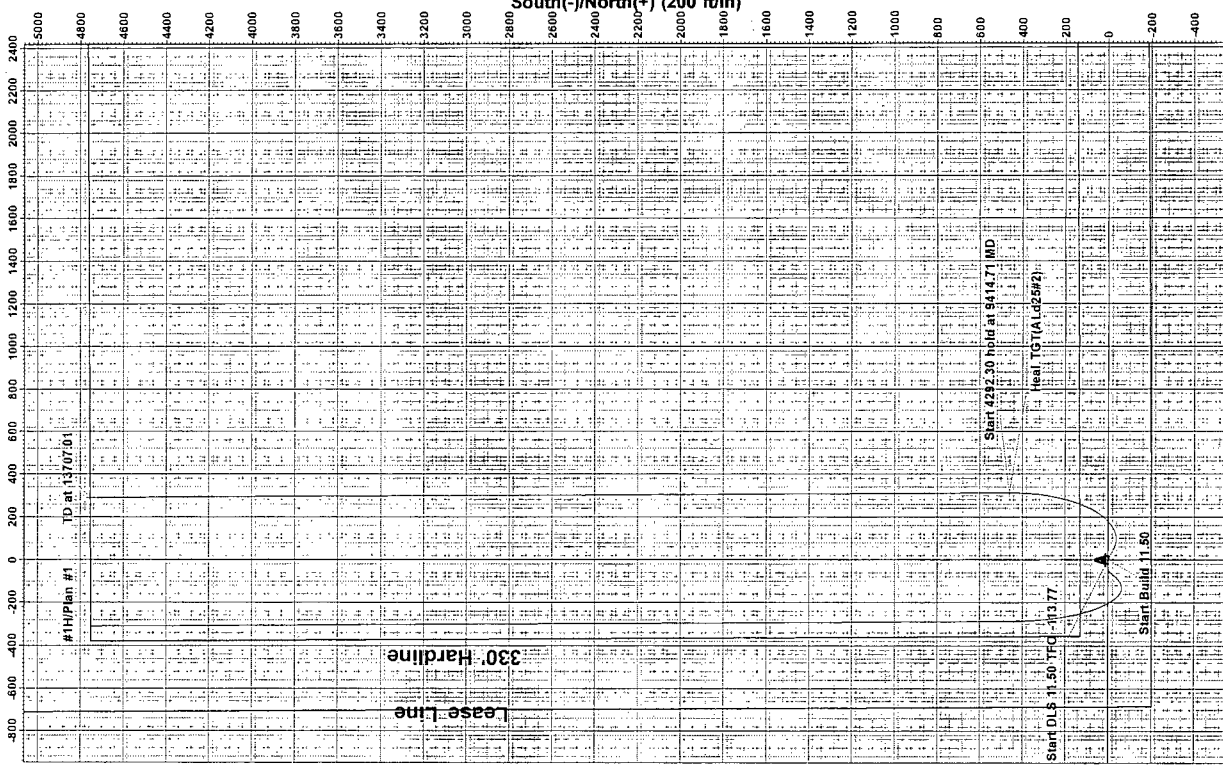


Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.42°
Magnetic Field
Strength: 48725.6nT
Dip Angle: 60.24°
Date: 10/13/2010
Model: IGRF200510



A Schlumberger Company

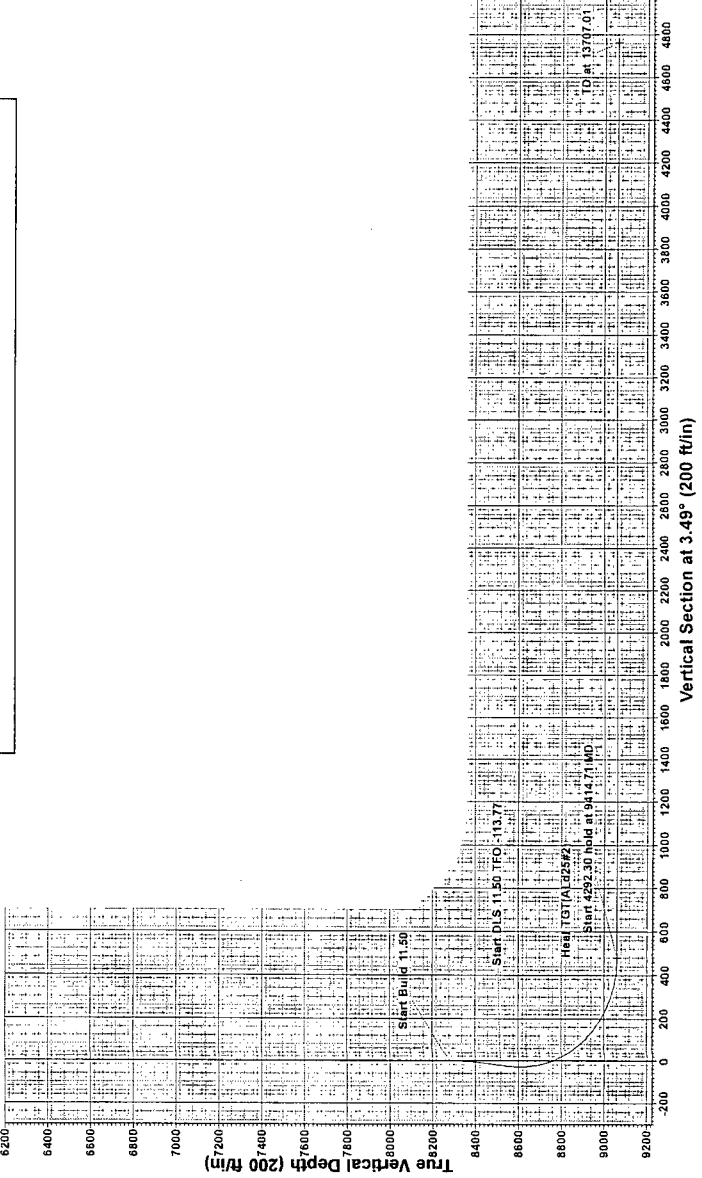
West(-)/East(+) (200 ft/in)



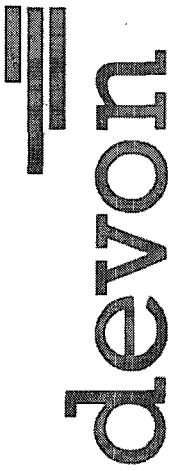
SECTION DETAILS									
Sec	MD	Inc	Ati	TVD	+N/S	+E/W	DLeg	TFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8280.00	0.00	0.00	8280.00	0.00	0.00	0.00	0.00	0.00
3	8525.93	28.29	116.28	8516.06	-28.34	53.34	115.28	-23.04	Heal TGT(Ald25#2)
4	9414.71	90.00	359.70	9060.00	461.76	312.64	-113.77	478.96	Heal TGT(Ald25#2)
5	13707.01	90.00	359.70	9060.00	4754.00	290.31	0.00	4762.95	PBHL(Ald25#2)

WELL DETAILS: #2H					
Ground Elevation: 3484.70					
RKB Elevation: WELL @ 3509.70ft (25' KB Correction)					
Rig Name: 25' KB Correction					
+N/S	0.00	+E/W	0.00	Longitude	Slot
				725397.740	
				Latitude	
				32° 16' 7.411 N	103° 44' 16.184 W

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N/S	+E/W	North	East
Heal TGT(Ald25#2)	9060.00	461.76	312.64	462467.700	725710.380
PBHL(Ald25#2)	9060.00	4754.00	290.31	466759.940	725688.050
Point					



Vertical Section at 3.49° (200 ft/in)



Devon Energy, Inc.

Eddy County

Aldabra "25" Fed

#2H

OH

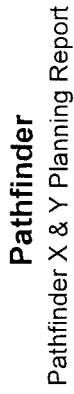
Plan: Plan #1

Pathfinder X & Y Planning Report

13 October, 2010

PATHFINDER[®]

A Schlumberger Company



COMPASS 2003 16 Build 71



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3509.70ft (25' KB Correction)
WELL @ 3509.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,509.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
100.00	0.00	0.00	100.00	-3,409.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
200.00	0.00	0.00	200.00	-3,309.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
300.00	0.00	0.00	300.00	-3,209.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
400.00	0.00	0.00	400.00	-3,109.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
500.00	0.00	0.00	500.00	-3,009.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
600.00	0.00	0.00	600.00	-2,909.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
700.00	0.00	0.00	700.00	-2,809.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
800.00	0.00	0.00	800.00	-2,709.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
900.00	0.00	0.00	900.00	-2,609.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,000.00	0.00	0.00	1,000.00	-2,509.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,100.00	0.00	0.00	1,100.00	-2,409.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,200.00	0.00	0.00	1,200.00	-2,309.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,300.00	0.00	0.00	1,300.00	-2,209.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,400.00	0.00	0.00	1,400.00	-2,109.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,500.00	0.00	0.00	1,500.00	-2,009.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,600.00	0.00	0.00	1,600.00	-1,909.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,700.00	0.00	0.00	1,700.00	-1,809.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,800.00	0.00	0.00	1,800.00	-1,709.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
1,900.00	0.00	0.00	1,900.00	-1,609.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,000.00	0.00	0.00	2,000.00	-1,509.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,100.00	0.00	0.00	2,100.00	-1,409.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,200.00	0.00	0.00	2,200.00	-1,309.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,300.00	0.00	0.00	2,300.00	-1,209.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,400.00	0.00	0.00	2,400.00	-1,109.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,500.00	0.00	0.00	2,500.00	-1,009.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,600.00	0.00	0.00	2,600.00	-909.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3509.70ft (25' KB Correction)
WELL @ 3509.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-809.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,800.00	0.00	0.00	2,800.00	-709.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
2,900.00	0.00	0.00	2,900.00	-609.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,000.00	0.00	0.00	3,000.00	-509.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,100.00	0.00	0.00	3,100.00	-409.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,200.00	0.00	0.00	3,200.00	-309.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,300.00	0.00	0.00	3,300.00	-209.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,400.00	0.00	0.00	3,400.00	-109.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,500.00	0.00	0.00	3,500.00	-9.70	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,600.00	0.00	0.00	3,600.00	90.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,700.00	0.00	0.00	3,700.00	190.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,800.00	0.00	0.00	3,800.00	290.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
3,900.00	0.00	0.00	3,900.00	390.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,000.00	0.00	0.00	4,000.00	490.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,100.00	0.00	0.00	4,100.00	590.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,200.00	0.00	0.00	4,200.00	690.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,300.00	0.00	0.00	4,300.00	790.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,400.00	0.00	0.00	4,400.00	890.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,500.00	0.00	0.00	4,500.00	990.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,600.00	0.00	0.00	4,600.00	1,090.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,700.00	0.00	0.00	4,700.00	1,190.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,800.00	0.00	0.00	4,800.00	1,290.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
4,900.00	0.00	0.00	4,900.00	1,390.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,000.00	0.00	0.00	5,000.00	1,490.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,100.00	0.00	0.00	5,100.00	1,590.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,200.00	0.00	0.00	5,200.00	1,690.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,300.00	0.00	0.00	5,300.00	1,790.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74



Pathfinder

Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
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North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3509.70ft (25' KB Correction)
WELL @ 3509.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,890.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,500.00	0.00	0.00	5,500.00	1,990.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,600.00	0.00	0.00	5,600.00	2,090.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,700.00	0.00	0.00	5,700.00	2,190.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,800.00	0.00	0.00	5,800.00	2,290.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
5,900.00	0.00	0.00	5,900.00	2,390.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,000.00	0.00	0.00	6,000.00	2,490.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,100.00	0.00	0.00	6,100.00	2,590.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,200.00	0.00	0.00	6,200.00	2,690.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,300.00	0.00	0.00	6,300.00	2,790.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,400.00	0.00	0.00	6,400.00	2,890.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,500.00	0.00	0.00	6,500.00	2,990.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,600.00	0.00	0.00	6,600.00	3,090.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,700.00	0.00	0.00	6,700.00	3,190.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,800.00	0.00	0.00	6,800.00	3,290.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
6,900.00	0.00	0.00	6,900.00	3,390.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,000.00	0.00	0.00	7,000.00	3,490.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,100.00	0.00	0.00	7,100.00	3,590.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,200.00	0.00	0.00	7,200.00	3,690.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,300.00	0.00	0.00	7,300.00	3,790.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,400.00	0.00	0.00	7,400.00	3,890.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,500.00	0.00	0.00	7,500.00	3,990.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,600.00	0.00	0.00	7,600.00	4,090.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,700.00	0.00	0.00	7,700.00	4,190.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,800.00	0.00	0.00	7,800.00	4,290.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
7,900.00	0.00	0.00	7,900.00	4,390.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
8,000.00	0.00	0.00	8,000.00	4,490.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3509.70ft (25' KB Correction)
WELL @ 3509.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
8,100.00	0.00	0.00	8,100.00	4,590.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
8,200.00	0.00	0.00	8,200.00	4,690.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
8,280.00	0.00	0.00	8,280.00	4,770.30	0.00	0.00	0.00	0.00	462,005.94	725,397.74
8,300.00	2.30	116.28	8,299.99	4,790.29	-0.18	0.36	-0.16	11.50	462,005.76	725,398.10
8,325.00	5.18	116.28	8,324.94	4,815.24	-0.90	1.82	-0.79	11.50	462,005.04	725,399.56
8,350.00	8.05	116.28	8,349.77	4,840.07	-2.17	4.40	-1.90	11.50	462,003.77	725,402.14
8,375.00	10.93	116.28	8,374.43	4,864.73	-4.00	8.10	-3.50	11.50	462,001.94	725,405.84
8,400.00	13.80	116.28	8,398.84	4,889.14	-6.37	12.90	-5.57	11.50	461,999.57	725,410.64
8,425.00	16.68	116.28	8,422.96	4,913.26	-9.28	18.79	-8.12	11.50	461,996.66	725,416.53
8,450.00	19.56	116.28	8,446.72	4,937.02	-12.72	25.76	-11.13	11.50	461,993.22	725,423.50
8,475.00	22.43	116.28	8,470.06	4,960.36	-16.69	33.79	-14.59	11.50	461,989.25	725,431.53
8,500.00	25.31	116.28	8,492.92	4,983.22	-21.16	42.86	-18.51	11.50	461,984.78	725,440.60
8,525.93	28.29	116.28	8,516.06	5,006.36	-26.34	53.34	-23.04	11.50	461,979.60	725,451.08
8,550.00	27.28	110.74	8,537.36	5,027.66	-30.82	63.62	-26.88	11.50	461,975.12	725,461.36
8,575.00	26.48	104.63	8,559.66	5,049.96	-34.26	74.37	-29.66	11.50	461,971.68	725,472.11
8,600.00	25.95	98.23	8,582.09	5,072.39	-36.45	85.18	-31.19	11.50	461,969.49	725,482.92
8,625.00	25.72	91.65	8,604.60	5,094.90	-37.39	96.02	-31.47	11.50	461,968.55	725,493.76
8,650.00	25.78	85.03	8,627.12	5,117.42	-37.07	106.86	-30.49	11.50	461,968.87	725,504.60
8,675.00	26.14	78.51	8,649.60	5,139.90	-35.50	117.68	-28.27	11.50	461,970.44	725,515.42
8,700.00	26.78	72.21	8,671.99	5,162.29	-32.69	128.44	-24.80	11.50	461,973.25	725,526.18
8,725.00	27.69	66.24	8,694.22	5,184.52	-28.62	139.12	-20.09	11.50	461,977.32	725,536.86
8,750.00	28.83	60.67	8,716.24	5,206.54	-23.33	149.69	-14.16	11.50	461,982.61	725,547.43
8,775.00	30.19	55.52	8,738.00	5,228.30	-16.82	160.13	-7.03	11.50	461,989.12	725,557.87
8,800.00	31.74	50.81	8,759.44	5,249.74	-9.10	170.41	1.30	11.50	461,996.84	725,568.15
8,825.00	33.44	46.50	8,780.51	5,270.81	-0.21	180.51	10.80	11.50	462,005.73	725,578.25
8,850.00	35.28	42.58	8,801.15	5,291.45	9.85	190.39	21.44	11.50	462,015.79	725,588.13
8,875.00	37.23	39.01	8,821.31	5,311.61	21.05	200.04	33.20	11.50	462,026.99	725,597.78

Company: Devon Energy, Inc.
Project: Eddy County
Site: Adabira "25" Fed
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3509.70ft (25' KB Correction)
WELL @ 3509.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
8,900.00	39.28	35.75	8,840.94	5,331.24	33.35	209.42	46.05	11.50	462,039.29	725,607.16
8,925.00	41.42	32.77	8,860.00	5,350.30	46.73	218.52	59.96	11.50	462,052.67	725,616.26
8,950.00	43.62	30.04	8,878.42	5,368.72	61.15	227.32	74.89	11.50	462,067.09	725,625.06
8,975.00	45.89	27.52	8,896.18	5,386.48	76.58	235.79	90.81	11.50	462,082.52	725,633.53
9,000.00	48.20	25.19	8,913.21	5,403.51	92.97	243.90	107.67	11.50	462,098.91	725,641.64
9,025.00	50.56	23.03	8,929.49	5,419.79	110.29	251.64	125.43	11.50	462,116.23	725,649.38
9,050.00	52.96	21.00	8,944.96	5,435.26	128.50	259.00	144.04	11.50	462,134.44	725,656.74
9,075.00	55.39	19.11	8,959.60	5,449.90	147.53	265.94	163.47	11.50	462,153.47	725,663.68
9,100.00	57.85	17.32	8,973.35	5,463.65	167.36	272.46	183.66	11.50	462,173.30	725,670.20
9,125.00	60.33	15.62	8,986.19	5,476.49	187.93	278.54	204.56	11.50	462,193.87	725,676.28
9,150.00	62.83	14.01	8,998.09	5,488.39	209.18	284.15	226.12	11.50	462,215.12	725,681.89
9,175.00	65.35	12.46	9,009.02	5,499.32	231.07	289.30	248.28	11.50	462,237.01	725,687.04
9,200.00	67.88	10.98	9,018.94	5,509.24	253.54	293.96	270.98	11.50	462,259.48	725,691.70
9,225.00	70.43	9.56	9,027.84	5,518.14	276.52	298.12	294.18	11.50	462,282.46	725,695.86
9,250.00	72.99	8.17	9,035.68	5,525.98	299.98	301.78	317.81	11.50	462,305.92	725,699.52
9,275.00	75.56	6.82	9,042.46	5,532.76	323.83	304.91	341.81	11.50	462,329.77	725,702.65
9,300.00	78.13	5.51	9,048.15	5,538.45	348.03	307.53	366.13	11.50	462,353.97	725,705.27
9,325.00	80.71	4.22	9,052.74	5,543.04	372.52	309.61	390.69	11.50	462,378.46	725,707.35
9,350.00	83.30	2.95	9,056.22	5,546.52	397.22	311.15	415.45	11.50	462,403.16	725,708.89
9,375.00	85.88	1.69	9,058.57	5,548.87	422.09	312.16	440.33	11.50	462,428.03	725,709.90
9,400.00	88.47	0.44	9,059.80	5,550.10	447.05	312.62	465.27	11.50	462,452.99	725,710.36
9,414.71	90.00	359.70	9,060.00	5,550.30	461.76	312.64	479.96	11.50	462,467.70	725,710.38
Heal TGT(ALd25#2)										
9,500.00	90.00	359.70	9,060.00	5,550.30	547.05	312.20	565.06	0.00	462,552.99	725,709.94
9,600.00	90.00	359.70	9,060.00	5,550.30	647.04	311.68	664.84	0.00	462,652.98	725,709.42
9,700.00	90.00	359.70	9,060.00	5,550.30	747.04	311.16	764.62	0.00	462,752.98	725,708.90
9,800.00	90.00	359.70	9,060.00	5,550.30	847.04	310.64	864.40	0.00	462,852.98	725,708.38



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3509.70ft (25' KB Correction)
WELL @ 3509.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V:Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
9,900.00	90.00	359.70	9,060.00	5,550.30	947.04	310.12	964.18	0.00	462,952.98	725,707.86
10,000.00	90.00	359.70	9,060.00	5,550.30	1,047.04	309.60	1,063.96	0.00	463,052.98	725,707.34
10,100.00	90.00	359.70	9,060.00	5,550.30	1,147.04	309.07	1,163.74	0.00	463,152.98	725,706.81
10,200.00	90.00	359.70	9,060.00	5,550.30	1,247.04	308.55	1,263.52	0.00	463,252.98	725,706.29
10,300.00	90.00	359.70	9,060.00	5,550.30	1,347.03	308.03	1,363.31	0.00	463,352.97	725,705.77
10,400.00	90.00	359.70	9,060.00	5,550.30	1,447.03	307.51	1,463.09	0.00	463,452.97	725,705.25
10,500.00	90.00	359.70	9,060.00	5,550.30	1,547.03	306.99	1,562.87	0.00	463,552.97	725,704.73
10,600.00	90.00	359.70	9,060.00	5,550.30	1,647.03	306.47	1,662.65	0.00	463,652.97	725,704.21
10,700.00	90.00	359.70	9,060.00	5,550.30	1,747.03	305.95	1,762.43	0.00	463,752.97	725,703.69
10,800.00	90.00	359.70	9,060.00	5,550.30	1,847.03	305.43	1,862.21	0.00	463,852.97	725,703.17
10,900.00	90.00	359.70	9,060.00	5,550.30	1,947.03	304.91	1,961.99	0.00	463,952.97	725,702.65
11,000.00	90.00	359.70	9,060.00	5,550.30	2,047.03	304.39	2,061.77	0.00	464,052.97	725,702.13
11,100.00	90.00	359.70	9,060.00	5,550.30	2,147.02	303.87	2,161.55	0.00	464,152.96	725,701.61
11,200.00	90.00	359.70	9,060.00	5,550.30	2,247.02	303.35	2,261.33	0.00	464,252.96	725,701.09
11,300.00	90.00	359.70	9,060.00	5,550.30	2,347.02	302.83	2,361.12	0.00	464,352.96	725,700.57
11,400.00	90.00	359.70	9,060.00	5,550.30	2,447.02	302.31	2,460.90	0.00	464,452.96	725,700.05
11,500.00	90.00	359.70	9,060.00	5,550.30	2,547.02	301.79	2,560.68	0.00	464,552.96	725,699.53
11,600.00	90.00	359.70	9,060.00	5,550.30	2,647.02	301.27	2,660.46	0.00	464,652.96	725,699.01
11,700.00	90.00	359.70	9,060.00	5,550.30	2,747.02	300.75	2,760.24	0.00	464,752.96	725,698.49
11,800.00	90.00	359.70	9,060.00	5,550.30	2,847.01	300.23	2,860.02	0.00	464,852.95	725,697.97
11,900.00	90.00	359.70	9,060.00	5,550.30	2,947.01	299.71	2,959.80	0.00	464,952.95	725,697.45
12,000.00	90.00	359.70	9,060.00	5,550.30	3,047.01	299.19	3,059.58	0.00	465,052.95	725,696.93
12,100.00	90.00	359.70	9,060.00	5,550.30	3,147.01	298.67	3,159.36	0.00	465,152.95	725,696.41
12,200.00	90.00	359.70	9,060.00	5,550.30	3,247.01	298.15	3,259.14	0.00	465,252.95	725,695.89
12,300.00	90.00	359.70	9,060.00	5,550.30	3,347.01	297.63	3,358.93	0.00	465,352.95	725,695.37
12,400.00	90.00	359.70	9,060.00	5,550.30	3,447.01	297.11	3,458.71	0.00	465,452.95	725,694.85
12,500.00	90.00	359.70	9,060.00	5,550.30	3,547.00	296.59	3,558.49	0.00	465,552.94	725,694.33



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #2H
Wellbore: OH
Design: Plan #1

Local/Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
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Well #2H
WELL @ 3509.70ft (25' KB Correction)
WELL @ 3509.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
12,600.00	90.00	359.70	9,060.00	5,550.30	3,647.00	296.07	3,658.27	0.00	465,652.94	725,693.81
12,700.00	90.00	359.70	9,060.00	5,550.30	3,747.00	295.55	3,758.05	0.00	465,752.94	725,693.29
12,800.00	90.00	359.70	9,060.00	5,550.30	3,847.00	295.03	3,857.83	0.00	465,852.94	725,692.77
12,900.00	90.00	359.70	9,060.00	5,550.30	3,947.00	294.51	3,957.61	0.00	465,952.94	725,692.25
13,000.00	90.00	359.70	9,060.00	5,550.30	4,047.00	293.99	4,057.39	0.00	466,052.94	725,691.73
13,100.00	90.00	359.70	9,060.00	5,550.30	4,147.00	293.47	4,157.17	0.00	466,152.94	725,691.21
13,200.00	90.00	359.70	9,060.00	5,550.30	4,247.00	292.95	4,256.95	0.00	466,252.94	725,690.69
13,300.00	90.00	359.70	9,060.00	5,550.30	4,346.99	292.43	4,356.74	0.00	466,352.93	725,690.17
13,400.00	90.00	359.70	9,060.00	5,550.30	4,446.99	291.91	4,456.52	0.00	466,452.93	725,689.65
13,500.00	90.00	359.70	9,060.00	5,550.30	4,546.99	291.39	4,556.30	0.00	466,552.93	725,689.13
13,600.00	90.00	359.70	9,060.00	5,550.30	4,646.99	290.87	4,656.08	0.00	466,652.93	725,688.61
13,707.01	90.00	359.70	9,060.00	5,550.30	4,754.00	290.31	4,762.86	0.00	466,759.94	725,688.05

PBHL(Ald25#2)

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL(Ald25#2) - plan hits target center - Point	0.00	0.00	9,060.00	4,754.00	290.31	466,759.940	725,688.050	32° 16' 54.438 N	103° 44' 12.495 W
Heal TGT(Ald25#2) - plan hits target center - Point	0.00	0.00	9,060.00	461.76	312.64	462,467.700	725,710.380	32° 16' 11.963 N	103° 44' 12.513 W

Checked By: _____

Approved By: _____

Date: _____

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
⁴ Property Code	⁵ Property Name ALDABRA "25" FED.	⁶ Well Number 3H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3503.8

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
N	25	23 S	31 E		200	SOUTH	2260	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	23 S	31 E		330	NORTH	1650	WEST	EDDY

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

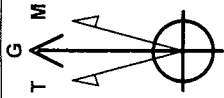
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

1650' TOE TARGET TOE TARGET LAT. = 32°16'54.93"N LONG. = 103°44'05.04"W NMSP EAST (FT) N = 466763.26 E = 726338.06 NW CORNER SEC. 25 LAT. = 32°16'58.20"N LONG. = 103°44'24.25"W NMSP EAST (FT) N = 467084.84 E = 724686.25		NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84		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.	
SW CORNER SEC. 25 LAT. = 32°16'05.93"N LONG. = 103°44'24.27"W NMSP EAST (FT) N = 461801.94 E = 724713.65		ALDABRA "25" FED. #3H ELEV. = 3503.8' LAT. = 32°16'07.917"N (NAD83) LONG. = 103°43'57.954"W NMSP EAST (FT) N = 462015.03 E = 726972.73		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. SEPTEMBER 20, 2010 Date of Survey Signature and Seal of Professional Surveyor Certificate Number FILIMON F. JARAMILLO, PLS 12797 SURVEY NO. 219	
HEAL TARGET HEAL TARGET LAT. = 32°16'12.46"N LONG. = 103°44'05.05"W NMSP EAST (FT) N = 462471.43 E = 726360.39		SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42		DATE SIGNATURE PRINTED NAME	
2260' 660' 200' SURFACE LOCATION					



Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Plan: Plan #1 (#3H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid

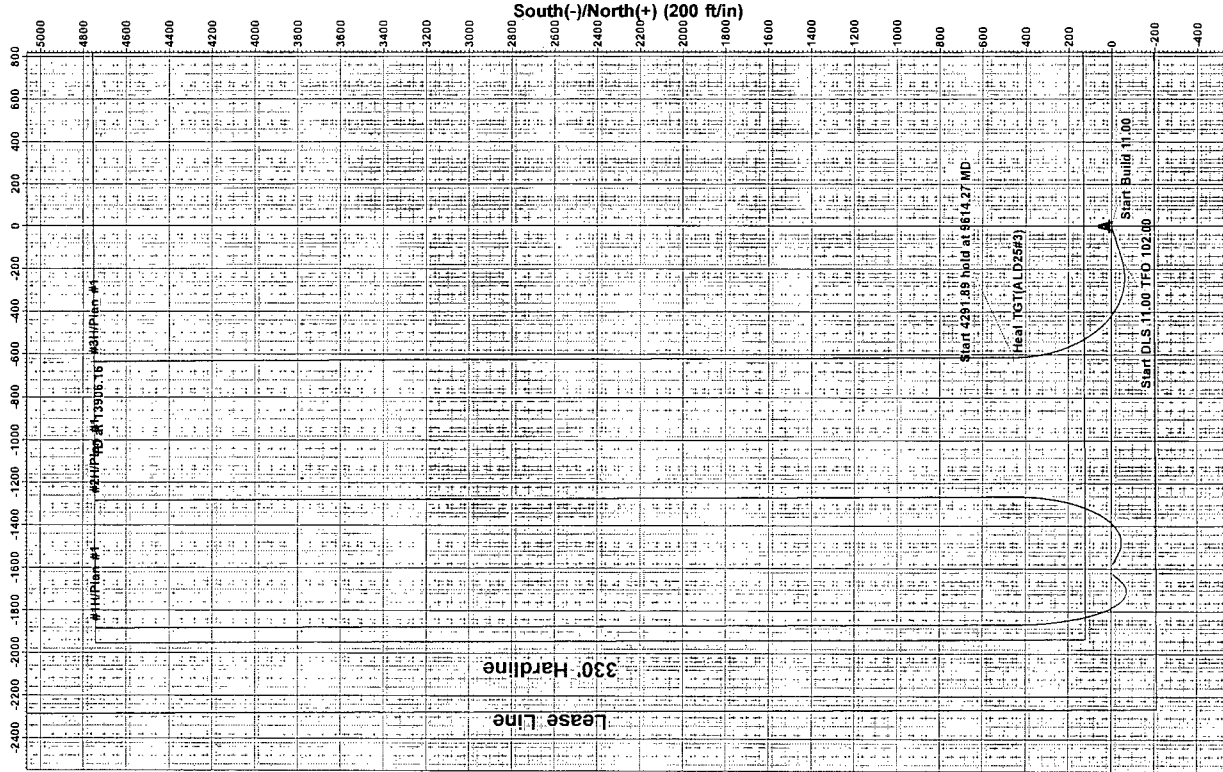


Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.41°
Magnetic Field
Strength: 48725.8nT
Dip Angle: 60.24°
Date: 10/14/2010
Model: (GRF200510)



A Schlumberger Company

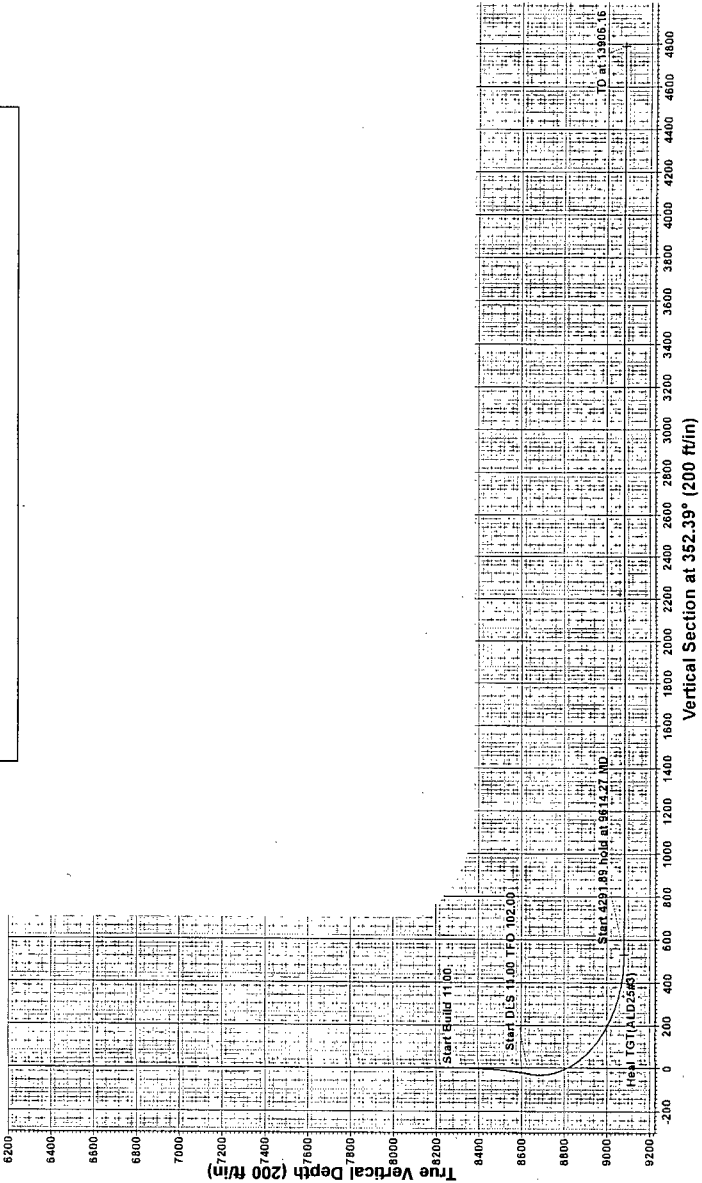
West(-)/East(+) (200 ft/in)



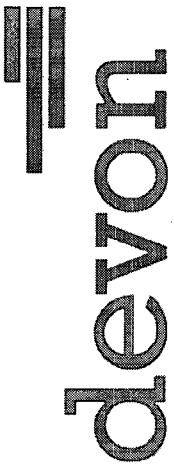
SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/S	+E/W	DLeg	TFace	VSec
1	823.00	0.00	0.00	823.00	0.00	0.00	0.00	0.00	0.00
2	823.00	0.00	0.00	823.00	0.00	0.00	0.00	0.00	0.00
3	8662.21	46.88	252.43	8636.22	-49.78	-157.16	11.00	292.43	-25.50
4	9614.27	90.00	359.70	9080.00	456.40	-412.34	11.00	102.00	533.50
5	13906.16	90.00	359.70	9080.00	4748.23	-634.67	0.00	0.00	4780.46

WELL DETAILS: #3H				
Ground Elevation: 3503.80				
RKB Elevation: WELL @ 3528.80R (Original Well Elev)				
Rig Name: Original Well Elev				
+N/S	+E/W	Northing	Eastng	Longitude
0.00	0.00	462015.030	726972.730	32° 16' 7.414 N 103° 43' 57.840 W
Slut				

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)				
Name	TVD	+N/S	+E/W	Shape
Heal TGT(ALD25#3)	9080.00	456.40	-412.34	Point
PBHL TGT(ALD25#3)	9080.00	4748.23	-634.67	Point



Vertical Section at 352.39° (200 ft/in)



Devon Energy, Inc.

Eddy County

Aldabra "25" Fed

#3H

OH

Plan: Plan #1

Pathfinder X & Y Planning Report

14 October, 2010

PATHFINDER®

A Schlumberger Company



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #3H
WELL @ 3528.80ft (Original Well Elev)
WELL @ 3528.80ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Project: Eddy County
Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Site: Aldabra "25" Fed
Site Position: Northing: 462,005.540 ft
From: Easting: 725,347.710 ft
Position Uncertainty: Map 0.00 ft
Slot Radius: Latitude: 32° 16' 7.410 N
Longitude: 103° 44' 16.767 W
Grid Convergence: 0.32 °

Well: #3H
Well Position: +N/-S 0.00 ft
+E/-W 0.00 ft
Position Uncertainty: 0.00 ft
Wellhead Elevation: ft
Latitude: 32° 16' 7.414 N
Longitude: 103° 43' 57.840 W
Ground Level: 3,503.80 ft

Wellbore: OH
Magnetics: Model Name IGRF200510
Sample Date: 10/14/10
Declination (°): 7.73
Dip Angle (°): 60.24
Field Strength (nT): 48,726

Design: Plan #1
Audit Notes:
Version:
Phase: PLAN
Tie On Depth: 0.00
Vertical Section: Depth From (TVD) (ft): 0.00
+N/-S (ft): 0.00
+E/-W (ft): 0.00
Direction (°): 352.39

Survey Tool Program Date: 10/14/10
From (ft): 0.00
To (ft): 13,905.94
Survey (Wellbore): Plan #1 (OH)
Tool Name: Pathfinder
Description: Pathfinder MWD



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
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Survey Calculation Method:
Database:

Well #3H
WELL @ 3528.80ft (Original Well Elev)
WELL @ 3528.80ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,528.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
100.00	0.00	0.00	100.00	-3,428.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
200.00	0.00	0.00	200.00	-3,328.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
300.00	0.00	0.00	300.00	-3,228.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
400.00	0.00	0.00	400.00	-3,128.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
500.00	0.00	0.00	500.00	-3,028.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
600.00	0.00	0.00	600.00	-2,928.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
700.00	0.00	0.00	700.00	-2,828.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
800.00	0.00	0.00	800.00	-2,728.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
900.00	0.00	0.00	900.00	-2,628.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,000.00	0.00	0.00	1,000.00	-2,528.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,100.00	0.00	0.00	1,100.00	-2,428.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,200.00	0.00	0.00	1,200.00	-2,328.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,300.00	0.00	0.00	1,300.00	-2,228.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,400.00	0.00	0.00	1,400.00	-2,128.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,500.00	0.00	0.00	1,500.00	-2,028.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,600.00	0.00	0.00	1,600.00	-1,928.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,700.00	0.00	0.00	1,700.00	-1,828.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,800.00	0.00	0.00	1,800.00	-1,728.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
1,900.00	0.00	0.00	1,900.00	-1,628.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,000.00	0.00	0.00	2,000.00	-1,528.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,100.00	0.00	0.00	2,100.00	-1,428.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,200.00	0.00	0.00	2,200.00	-1,328.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,300.00	0.00	0.00	2,300.00	-1,228.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,400.00	0.00	0.00	2,400.00	-1,128.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,500.00	0.00	0.00	2,500.00	-1,028.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,600.00	0.00	0.00	2,600.00	-928.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
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North Reference:
Survey Calculation Method:
Database:

Well #3H
WELL @ 3528.80ft (Original Well Elev)
WELL @ 3528.80ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-828.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,800.00	0.00	0.00	2,800.00	-728.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
2,900.00	0.00	0.00	2,900.00	-628.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,000.00	0.00	0.00	3,000.00	-528.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,100.00	0.00	0.00	3,100.00	-428.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,200.00	0.00	0.00	3,200.00	-328.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,300.00	0.00	0.00	3,300.00	-228.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,400.00	0.00	0.00	3,400.00	-128.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,500.00	0.00	0.00	3,500.00	-28.80	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,600.00	0.00	0.00	3,600.00	71.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,700.00	0.00	0.00	3,700.00	171.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,800.00	0.00	0.00	3,800.00	271.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
3,900.00	0.00	0.00	3,900.00	371.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,000.00	0.00	0.00	4,000.00	471.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,100.00	0.00	0.00	4,100.00	571.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,200.00	0.00	0.00	4,200.00	671.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,300.00	0.00	0.00	4,300.00	771.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,400.00	0.00	0.00	4,400.00	871.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,500.00	0.00	0.00	4,500.00	971.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,600.00	0.00	0.00	4,600.00	1,071.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,700.00	0.00	0.00	4,700.00	1,171.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,800.00	0.00	0.00	4,800.00	1,271.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
4,900.00	0.00	0.00	4,900.00	1,371.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,000.00	0.00	0.00	5,000.00	1,471.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,100.00	0.00	0.00	5,100.00	1,571.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,200.00	0.00	0.00	5,200.00	1,671.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,300.00	0.00	0.00	5,300.00	1,771.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
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Survey Calculation Method:
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Well #3H
WELL @ 3528.80ft (Original Well Elev)
WELL @ 3528.80ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,871.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,500.00	0.00	0.00	5,500.00	1,971.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,600.00	0.00	0.00	5,600.00	2,071.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,700.00	0.00	0.00	5,700.00	2,171.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,800.00	0.00	0.00	5,800.00	2,271.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
5,900.00	0.00	0.00	5,900.00	2,371.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,000.00	0.00	0.00	6,000.00	2,471.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,100.00	0.00	0.00	6,100.00	2,571.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,200.00	0.00	0.00	6,200.00	2,671.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,300.00	0.00	0.00	6,300.00	2,771.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,400.00	0.00	0.00	6,400.00	2,871.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,500.00	0.00	0.00	6,500.00	2,971.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,600.00	0.00	0.00	6,600.00	3,071.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,700.00	0.00	0.00	6,700.00	3,171.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,800.00	0.00	0.00	6,800.00	3,271.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
6,900.00	0.00	0.00	6,900.00	3,371.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,000.00	0.00	0.00	7,000.00	3,471.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,100.00	0.00	0.00	7,100.00	3,571.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,200.00	0.00	0.00	7,200.00	3,671.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,300.00	0.00	0.00	7,300.00	3,771.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,400.00	0.00	0.00	7,400.00	3,871.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,500.00	0.00	0.00	7,500.00	3,971.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,600.00	0.00	0.00	7,600.00	4,071.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,700.00	0.00	0.00	7,700.00	4,171.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,800.00	0.00	0.00	7,800.00	4,271.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
7,900.00	0.00	0.00	7,900.00	4,371.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
8,000.00	0.00	0.00	8,000.00	4,471.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73

Company: Devon Energy, Inc.
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MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
8,100.00	0.00	0.00	8,100.00	4,571.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
8,200.00	0.00	0.00	8,200.00	4,671.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
8,256.00	0.00	0.00	8,256.00	4,727.20	0.00	0.00	0.00	0.00	462,015.03	726,972.73
8,300.00	4.84	252.43	8,299.95	4,771.15	-0.56	-1.77	-0.32	11.00	462,014.47	726,970.96
8,350.00	10.34	252.43	8,349.49	4,820.69	-2.55	-8.06	-1.46	11.00	462,012.48	726,964.67
8,400.00	15.84	252.43	8,398.17	4,869.37	-5.97	-18.85	-3.42	11.00	462,009.06	726,953.88
8,450.00	21.34	252.43	8,445.55	4,916.75	-10.78	-34.04	-6.17	11.00	462,004.25	726,938.69
8,500.00	26.84	252.43	8,491.17	4,962.37	-16.94	-53.49	-9.70	11.00	461,998.09	726,919.24
8,550.00	32.34	252.43	8,534.64	5,005.84	-24.39	-77.02	-13.97	11.00	461,990.64	726,895.71
8,600.00	37.84	252.43	8,575.54	5,046.74	-33.06	-104.41	-18.93	11.00	461,981.97	726,868.32
8,650.00	43.34	252.43	8,613.49	5,084.69	-42.87	-135.41	-24.56	11.00	461,972.16	726,837.32
8,682.21	46.88	252.43	8,636.22	5,107.42	-49.76	-157.16	-28.50	11.00	461,965.27	726,815.57
8,700.00	46.50	255.07	8,648.42	5,119.62	-53.38	-169.59	-30.44	11.00	461,961.65	726,803.14
8,750.00	45.78	262.63	8,683.10	5,154.30	-60.36	-204.91	-32.68	11.00	461,954.67	726,767.82
8,800.00	45.56	270.32	8,718.06	5,189.26	-62.56	-240.55	-30.14	11.00	461,952.47	726,732.18
8,850.00	45.86	277.99	8,753.00	5,224.20	-59.96	-276.20	-22.84	11.00	461,955.07	726,696.53
8,900.00	46.67	285.52	8,787.59	5,258.79	-52.60	-311.51	-10.86	11.00	461,962.43	726,661.22
8,950.00	47.95	292.80	8,821.52	5,292.72	-40.53	-346.17	5.69	11.00	461,974.50	726,626.56
9,000.00	49.67	299.74	8,854.47	5,325.67	-23.86	-379.86	26.67	11.00	461,991.17	726,592.87
9,050.00	51.79	306.30	8,886.14	5,357.34	-2.76	-412.26	51.88	11.00	462,012.27	726,560.47
9,100.00	54.25	312.46	8,916.23	5,387.43	22.59	-443.08	81.09	11.00	462,037.62	726,529.65
9,150.00	57.00	318.23	8,944.48	5,415.68	51.95	-472.04	114.03	11.00	462,066.98	726,500.69
9,200.00	60.00	323.64	8,970.61	5,441.81	86.05	-498.86	150.39	11.00	462,100.08	726,473.87
9,250.00	63.21	328.72	8,994.40	5,465.60	121.58	-523.30	189.84	11.00	462,136.61	726,449.43
9,300.00	66.59	333.51	9,015.61	5,486.81	161.22	-545.14	232.02	11.00	462,176.25	726,427.59
9,350.00	70.11	338.06	9,034.06	5,505.26	203.59	-564.18	276.54	11.00	462,218.62	726,408.55
9,400.00	73.74	342.40	9,049.57	5,520.77	248.31	-580.23	322.99	11.00	462,263.34	726,392.50

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #3H
WELL @ 3528.80ft (Original Well Elev)
WELL @ 3528.80ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
9,450.00	77.46	346.59	9,062.01	5,533.21	294.96	-593.15	370.95	11.00	462,309.99	726,379.58
9,500.00	81.24	350.66	9,071.25	5,542.45	343.12	-602.83	419.96	11.00	462,358.15	726,369.90
9,550.00	85.06	354.64	9,077.22	5,548.42	392.33	-609.17	469.58	11.00	462,407.36	726,363.56
9,600.00	88.90	358.58	9,079.86	5,551.06	442.16	-612.12	519.36	11.00	462,457.19	726,360.61
9,614.27	90.00	359.70	9,080.00	5,551.20	456.40	-612.34	533.50	11.00	462,471.43	726,360.39
Heal TGT(ALD25#3)										
9,700.00	90.00	359.70	9,080.00	5,551.20	542.13	-612.79	618.54	0.00	462,557.16	726,359.94
9,800.00	90.00	359.70	9,080.00	5,551.20	642.13	-613.31	717.72	0.00	462,657.16	726,359.42
9,900.00	90.00	359.70	9,080.00	5,551.20	742.13	-613.83	816.91	0.00	462,757.16	726,358.90
10,000.00	90.00	359.70	9,080.00	5,551.20	842.13	-614.35	916.10	0.00	462,857.16	726,358.38
10,100.00	90.00	359.70	9,080.00	5,551.20	942.13	-614.87	1,015.28	0.00	462,957.16	726,357.86
10,200.00	90.00	359.70	9,080.00	5,551.20	1,042.12	-615.39	1,114.47	0.00	463,057.15	726,357.34
10,300.00	90.00	359.70	9,080.00	5,551.20	1,142.12	-615.91	1,213.65	0.00	463,157.15	726,356.82
10,400.00	90.00	359.70	9,080.00	5,551.20	1,242.12	-616.43	1,312.84	0.00	463,257.15	726,356.30
10,500.00	90.00	359.70	9,080.00	5,551.20	1,342.12	-616.95	1,412.03	0.00	463,357.15	726,355.78
10,600.00	90.00	359.70	9,080.00	5,551.20	1,442.12	-617.47	1,511.21	0.00	463,457.15	726,355.26
10,700.00	90.00	359.70	9,080.00	5,551.20	1,542.12	-617.99	1,610.40	0.00	463,557.15	726,354.74
10,800.00	90.00	359.70	9,080.00	5,551.20	1,642.12	-618.51	1,709.58	0.00	463,657.15	726,354.22
10,900.00	90.00	359.70	9,080.00	5,551.20	1,742.12	-619.03	1,808.77	0.00	463,757.15	726,353.70
11,000.00	90.00	359.70	9,080.00	5,551.20	1,842.11	-619.55	1,907.96	0.00	463,857.14	726,353.18
11,100.00	90.00	359.70	9,080.00	5,551.20	1,942.11	-620.07	2,007.14	0.00	463,957.14	726,352.66
11,200.00	90.00	359.70	9,080.00	5,551.20	2,042.11	-620.59	2,106.33	0.00	464,057.14	726,352.14
11,300.00	90.00	359.70	9,080.00	5,551.20	2,142.11	-621.11	2,205.52	0.00	464,157.14	726,351.62
11,400.00	90.00	359.70	9,080.00	5,551.20	2,242.11	-621.63	2,304.70	0.00	464,257.14	726,351.10
11,500.00	90.00	359.70	9,080.00	5,551.20	2,342.11	-622.15	2,403.89	0.00	464,357.14	726,350.58
11,600.00	90.00	359.70	9,080.00	5,551.20	2,442.11	-622.67	2,503.07	0.00	464,457.14	726,350.06
11,700.00	90.00	359.70	9,080.00	5,551.20	2,542.10	-623.19	2,602.26	0.00	464,557.13	726,349.54



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #3H
WELL @ 3528.80ft (Original Well Elev)
WELL @ 3528.80ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
11,800.00	90.00	359.70	9,080.00	5,551.20	2,642.10	-623.71	2,701.45	0.00	464,657.13	726,349.02
11,900.00	90.00	359.70	9,080.00	5,551.20	2,742.10	-624.23	2,800.63	0.00	464,757.13	726,348.50
12,000.00	90.00	359.70	9,080.00	5,551.20	2,842.10	-624.75	2,899.82	0.00	464,857.13	726,347.98
12,100.00	90.00	359.70	9,080.00	5,551.20	2,942.10	-625.27	2,999.00	0.00	464,957.13	726,347.46
12,200.00	90.00	359.70	9,080.00	5,551.20	3,042.10	-625.79	3,098.19	0.00	465,057.13	726,346.94
12,300.00	90.00	359.70	9,080.00	5,551.20	3,142.10	-626.31	3,197.38	0.00	465,157.13	726,346.42
12,400.00	90.00	359.70	9,080.00	5,551.20	3,242.09	-626.83	3,296.56	0.00	465,257.12	726,345.90
12,500.00	90.00	359.70	9,080.00	5,551.20	3,342.09	-627.35	3,395.75	0.00	465,357.12	726,345.38
12,600.00	90.00	359.70	9,080.00	5,551.20	3,442.09	-627.87	3,494.93	0.00	465,457.12	726,344.86
12,700.00	90.00	359.70	9,080.00	5,551.20	3,542.09	-628.39	3,594.12	0.00	465,557.12	726,344.34
12,800.00	90.00	359.70	9,080.00	5,551.20	3,642.09	-628.91	3,693.31	0.00	465,657.12	726,343.82
12,900.00	90.00	359.70	9,080.00	5,551.20	3,742.09	-629.44	3,792.49	0.00	465,757.12	726,343.29
13,000.00	90.00	359.70	9,080.00	5,551.20	3,842.09	-629.96	3,891.68	0.00	465,857.12	726,342.77
13,100.00	90.00	359.70	9,080.00	5,551.20	3,942.09	-630.48	3,990.86	0.00	465,957.12	726,342.25
13,200.00	90.00	359.70	9,080.00	5,551.20	4,042.08	-631.00	4,090.05	0.00	466,057.11	726,341.73
13,300.00	90.00	359.70	9,080.00	5,551.20	4,142.08	-631.52	4,189.24	0.00	466,157.11	726,341.21
13,400.00	90.00	359.70	9,080.00	5,551.20	4,242.08	-632.04	4,288.42	0.00	466,257.11	726,340.69
13,500.00	90.00	359.70	9,080.00	5,551.20	4,342.08	-632.56	4,387.61	0.00	466,357.11	726,340.17
13,600.00	90.00	359.70	9,080.00	5,551.20	4,442.08	-633.08	4,486.79	0.00	466,457.11	726,339.65
13,700.00	90.00	359.70	9,080.00	5,551.20	4,542.08	-633.60	4,585.98	0.00	466,557.11	726,339.13
13,800.00	90.00	359.70	9,080.00	5,551.20	4,642.08	-634.12	4,685.17	0.00	466,657.11	726,338.61
13,906.16	90.00	359.70	9,080.00	5,551.20	4,748.23	-634.67	4,790.46	0.00	466,763.26	726,338.06

PBHL TGT(ALD25#3)



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #3H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference: WELL @ 3528.80ft (Original Well Elev)
MD Reference: WELL @ 3528.80ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/S (ft)	+E/W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL TGT(ALD25#3) - plan hits target center - Point	0.00	0.00	9,080.00	4,748.23	-634.67	466,763.260	726,338.060	32° 16' 54.435 N	103° 44' 4.924 W
Heal TGT(ALD25#3) - plan hits target center - Point	0.00	0.00	9,080.00	456.40	-612.34	462,471.430	726,360.390	32° 16' 11.964 N	103° 44' 4.942 W

Checked By: _____

Approved By: _____

Date: _____

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
⁴ Property Code	⁵ Property Name ALDABRA "25" FED.	⁶ Well Number 4H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3504.7

¹⁰ Surface Location

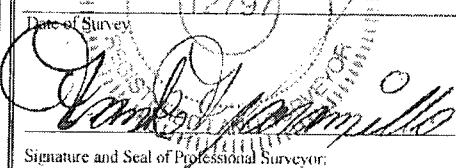
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	25	23 S	31 E		200	SOUTH	2310	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	23 S	31 E		330	NORTH	2310	WEST	EDDY

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

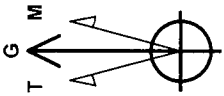
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

2310' 330' TOE TARGET TOE TARGET LAT. = 32°16'54.92"N LONG. = 103°43'57.35"W NMSP EAST (FT) N = 466766.63 E = 726998.07 NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84 NW CORNER SEC. 25 LAT. = 32°16'58.20"N LONG. = 103°44'24.25"W NMSP EAST (FT) N = 467084.84 E = 724686.25		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 _____ Date _____ Printed Name _____	
SW CORNER SEC. 25 LAT. = 32°16'05.93"N LONG. = 103°44'24.27"W NMSP EAST (FT) N = 461801.94 E = 724713.65 HEAL TARGET LAT. = 32°16'12.47"N LONG. = 103°43'57.37"W NMSP EAST (FT) N = 462475.23 E = 727020.40 ALDABRA "25" FED. #4H ELEV. = 3504.7' LAT. = 32°16'07.916"N (NAD83) LONG. = 103°43'57.371"W NMSP EAST (FT) N = 462015.26 E = 727022.78 HEAL TARGET 2310' 2310' 660' 200' SURFACE LOCATION SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42		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. SEPTEMBER 20, 2010 12797 Date of Survey _____ Signature and Seal of Professional Surveyor:  Certificate Number: FILIMON F. JARAMILLO, PLS 12797 SURVEY NO. 220	



Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H
Wellbore: OH
Plan: Plan #1 (#4H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



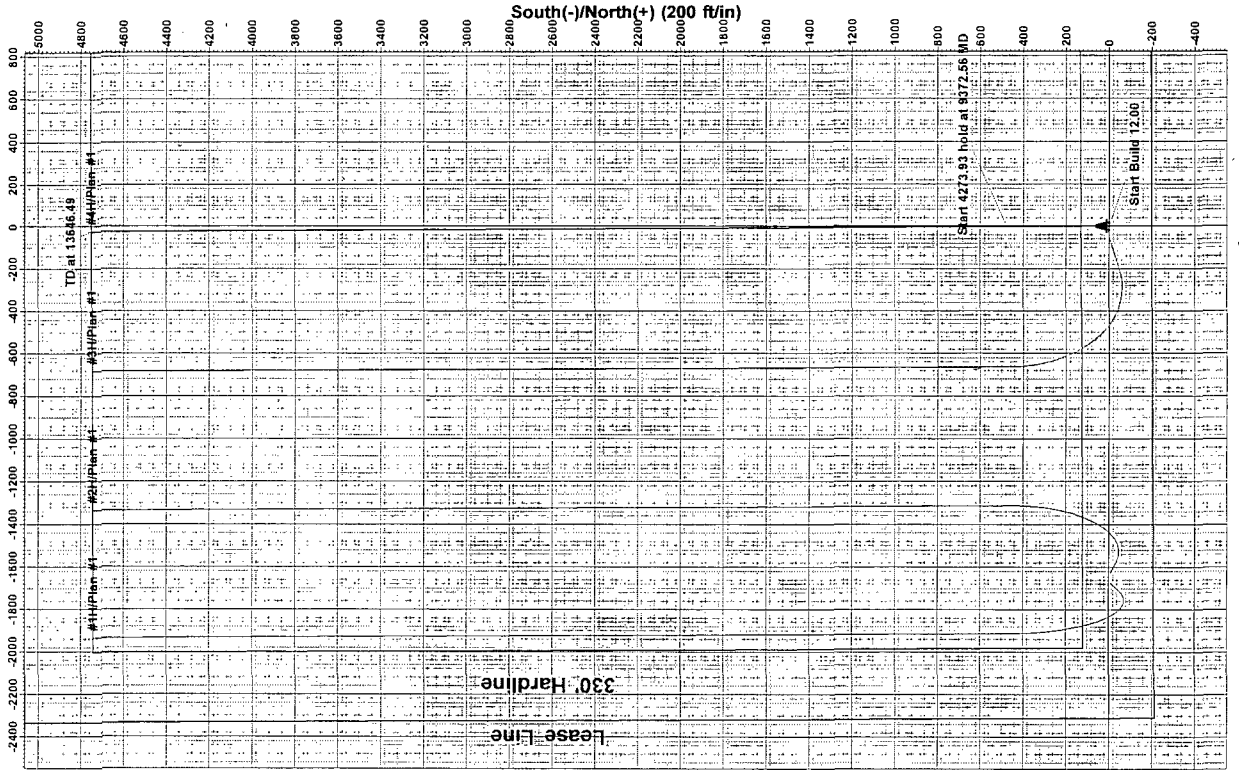
Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.41°

Magnetic Field
Strength: 48725.8nT
Dip Angle: 60.24°
Date: 10/14/2010
Model: IGRF200510

PATHFINDER®

A Schlumberger Company

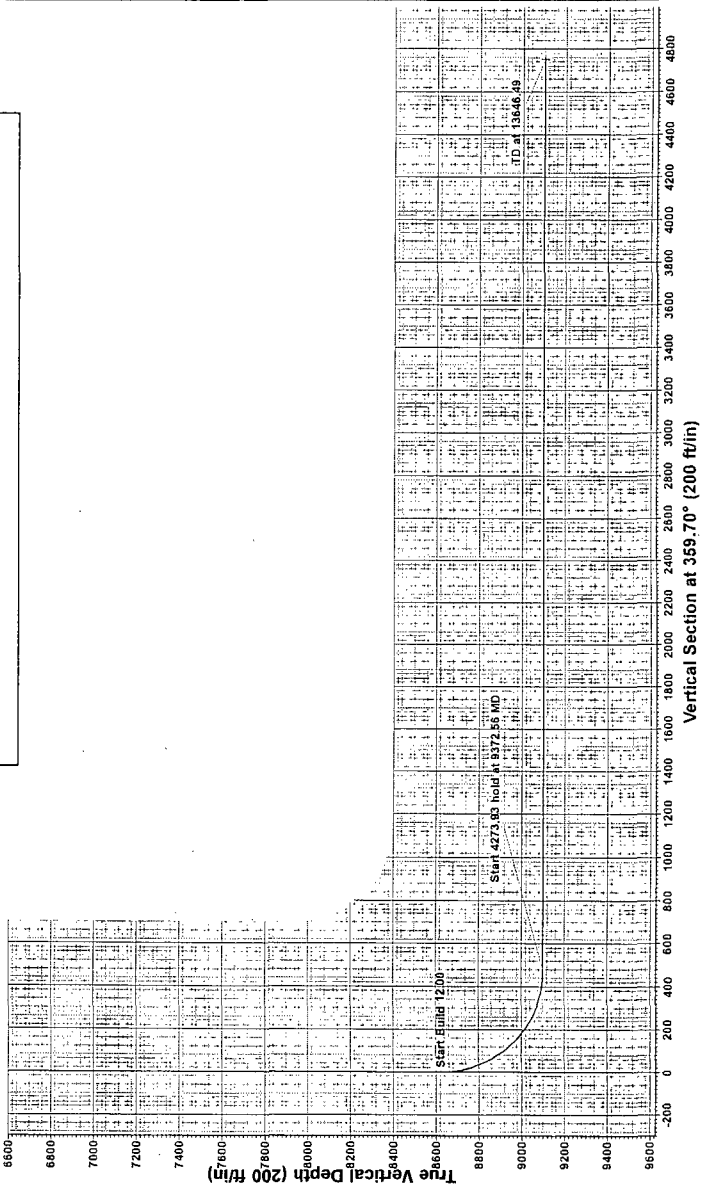
West(-)/East(+) (200 ft/in)



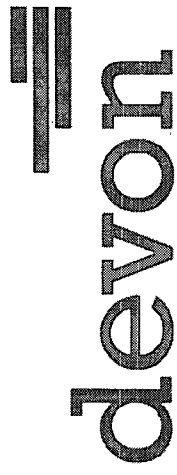
SECTION DETAILS									
Sec	MO	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8622.50	0.00	0.00	8622.50	0.00	0.00	0.00	0.00	0.00
3	9372.55	90.00	359.70	9100.00	477.49	-2.50	12.00	359.70	477.50
4	13646.49	90.00	359.70	9100.00	4751.37	-24.88	0.00	0.00	4751.43

WELL DETAILS: #4H									
Ground Elevation: 3504.70									
RKB Elevation: WELL @ 3529.70ft (25' KB Correction)									
Rig Name: 25' KB Correction									
	+N-S	+E-W	Northing	Eastng	Longitude	Latitude	Slot		
	0.00	0.00	462015.260	727022.780	32° 16' 7.413 N	103° 43' 57.257 W			

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N-S	+E-W	Northing	Eastng
PBHL(ALD25#4)	9100.00	4751.37	-24.71	466768.830	726998.070
Shape Point					



Vertical Section at 359.70° (200 ft/in)



Devon Energy, Inc.
Eddy County
Aldabra "25" Fed
#4H
OH

Plan: Plan #1

Pathfinder X & Y Planning Report

14 October, 2010

PATHFINDER®
A Schlumberger Company



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #4H
WELL @ 3529.70ft (25' KB Correction)
WELL @ 3529.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Project: Eddy County

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site: Aldabra "25" Fed

Site Position: Map
From: 0.00 ft
Position Uncertainty:

North: 462,005.540 ft
East: 725,347.710 ft
Slot Radius:
Latitude: 32° 16' 7.410 N
Longitude: 103° 44' 16.767 W
Grid Convergence: 0.32°

Well: #4H

Well Position: +N/-S 0.00 ft
+E/-W 0.00 ft
Position Uncertainty: 0.00 ft

Latitude: 32° 16' 7.413 N
Longitude: 103° 43' 57.257 W
Ground Level: 3,504.70 ft

Wellbore: OH

Magnetics: Model Name: IGRF200510
Sample Date: 10/14/10

Declination (°): 7.73
Dip Angle (°): 60.24
Field Strength (nT): 48,726

Design: Plan #1

Audit Notes:

Version:

Phase: PLAN

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD)
(ft)

+N/-S
(ft)

+E/-W
(ft)

Direction
(°)

0.00

0.00

0.00

359.70

Survey Tool Program: Date: 10/14/10

From (ft): 0.00
To (ft): 13,646.49
Survey (Wellbore): Plan #1 (OH)

Tool Name: Pathfinder

Description: Pathfinder MWD



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #4H
TVD Reference: WELL @ 3529.70ft (25' KB Correction)
MD Reference: WELL @ 3529.70ft (25' KB Correction)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Planned Survey										
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	NIS (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,529.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
100.00	0.00	0.00	100.00	-3,429.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
200.00	0.00	0.00	200.00	-3,329.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
300.00	0.00	0.00	300.00	-3,229.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
400.00	0.00	0.00	400.00	-3,129.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
500.00	0.00	0.00	500.00	-3,029.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
600.00	0.00	0.00	600.00	-2,929.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
700.00	0.00	0.00	700.00	-2,829.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
800.00	0.00	0.00	800.00	-2,729.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
900.00	0.00	0.00	900.00	-2,629.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,000.00	0.00	0.00	1,000.00	-2,529.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,100.00	0.00	0.00	1,100.00	-2,429.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,200.00	0.00	0.00	1,200.00	-2,329.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,300.00	0.00	0.00	1,300.00	-2,229.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,400.00	0.00	0.00	1,400.00	-2,129.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,500.00	0.00	0.00	1,500.00	-2,029.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,600.00	0.00	0.00	1,600.00	-1,929.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,700.00	0.00	0.00	1,700.00	-1,829.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,800.00	0.00	0.00	1,800.00	-1,729.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
1,900.00	0.00	0.00	1,900.00	-1,629.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,000.00	0.00	0.00	2,000.00	-1,529.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,100.00	0.00	0.00	2,100.00	-1,429.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,200.00	0.00	0.00	2,200.00	-1,329.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,300.00	0.00	0.00	2,300.00	-1,229.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,400.00	0.00	0.00	2,400.00	-1,129.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,500.00	0.00	0.00	2,500.00	-1,029.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,600.00	0.00	0.00	2,600.00	-929.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #4H
WELL @ 3529.70ft (25' KB Correction)
WELL @ 3529.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-829.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,800.00	0.00	0.00	2,800.00	-729.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
2,900.00	0.00	0.00	2,900.00	-629.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,000.00	0.00	0.00	3,000.00	-529.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,100.00	0.00	0.00	3,100.00	-429.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,200.00	0.00	0.00	3,200.00	-329.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,300.00	0.00	0.00	3,300.00	-229.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,400.00	0.00	0.00	3,400.00	-129.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,500.00	0.00	0.00	3,500.00	-29.70	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,600.00	0.00	0.00	3,600.00	70.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,700.00	0.00	0.00	3,700.00	170.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,800.00	0.00	0.00	3,800.00	270.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
3,900.00	0.00	0.00	3,900.00	370.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,000.00	0.00	0.00	4,000.00	470.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,100.00	0.00	0.00	4,100.00	570.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,200.00	0.00	0.00	4,200.00	670.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,300.00	0.00	0.00	4,300.00	770.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,400.00	0.00	0.00	4,400.00	870.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,500.00	0.00	0.00	4,500.00	970.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,600.00	0.00	0.00	4,600.00	1,070.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,700.00	0.00	0.00	4,700.00	1,170.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,800.00	0.00	0.00	4,800.00	1,270.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
4,900.00	0.00	0.00	4,900.00	1,370.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,000.00	0.00	0.00	5,000.00	1,470.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,100.00	0.00	0.00	5,100.00	1,570.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,200.00	0.00	0.00	5,200.00	1,670.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,300.00	0.00	0.00	5,300.00	1,770.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #4H
WELL @ 3529.70ft (25' KB Correction)
WELL @ 3529.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,870.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,500.00	0.00	0.00	5,500.00	1,970.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,600.00	0.00	0.00	5,600.00	2,070.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,700.00	0.00	0.00	5,700.00	2,170.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,800.00	0.00	0.00	5,800.00	2,270.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
5,900.00	0.00	0.00	5,900.00	2,370.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,000.00	0.00	0.00	6,000.00	2,470.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,100.00	0.00	0.00	6,100.00	2,570.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,200.00	0.00	0.00	6,200.00	2,670.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,300.00	0.00	0.00	6,300.00	2,770.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,400.00	0.00	0.00	6,400.00	2,870.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,500.00	0.00	0.00	6,500.00	2,970.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,600.00	0.00	0.00	6,600.00	3,070.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,700.00	0.00	0.00	6,700.00	3,170.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,800.00	0.00	0.00	6,800.00	3,270.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
6,900.00	0.00	0.00	6,900.00	3,370.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,000.00	0.00	0.00	7,000.00	3,470.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,100.00	0.00	0.00	7,100.00	3,570.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,200.00	0.00	0.00	7,200.00	3,670.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,300.00	0.00	0.00	7,300.00	3,770.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,400.00	0.00	0.00	7,400.00	3,870.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,500.00	0.00	0.00	7,500.00	3,970.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,600.00	0.00	0.00	7,600.00	4,070.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,700.00	0.00	0.00	7,700.00	4,170.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,800.00	0.00	0.00	7,800.00	4,270.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
7,900.00	0.00	0.00	7,900.00	4,370.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,000.00	0.00	0.00	8,000.00	4,470.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H
Wellbore: OH
Design: Plan #1

Local/Co-ordinate Reference:

TVD Reference: WELL @ 3529.70ft (25' KB Correction)

MD Reference: WELL @ 3529.70ft (25' KB Correction)

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
8,100.00	0.00	0.00	8,100.00	4,570.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,200.00	0.00	0.00	8,200.00	4,670.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,300.00	0.00	0.00	8,300.00	4,770.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,400.00	0.00	0.00	8,400.00	4,870.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,500.00	0.00	0.00	8,500.00	4,970.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,600.00	0.00	0.00	8,600.00	5,070.30	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,622.50	0.00	0.00	8,622.50	5,092.80	0.00	0.00	0.00	0.00	462,015.26	727,022.78
8,625.00	0.30	359.70	8,625.00	5,095.30	0.01	0.00	0.01	12.00	462,015.27	727,022.78
8,650.00	3.30	359.70	8,649.98	5,120.28	0.79	0.00	0.79	12.00	462,016.05	727,022.78
8,675.00	6.30	359.70	8,674.89	5,145.19	2.88	-0.02	2.88	12.00	462,018.14	727,022.76
8,700.00	9.30	359.70	8,699.66	5,169.96	6.28	-0.03	6.28	12.00	462,021.54	727,022.75
8,725.00	12.30	359.70	8,724.21	5,194.51	10.96	-0.06	10.96	12.00	462,026.22	727,022.72
8,750.00	15.30	359.70	8,748.49	5,218.79	16.92	-0.09	16.92	12.00	462,032.18	727,022.69
8,775.00	18.30	359.70	8,772.42	5,242.72	24.15	-0.13	24.15	12.00	462,039.41	727,022.65
8,800.00	21.30	359.70	8,795.94	5,266.24	32.61	-0.17	32.61	12.00	462,047.87	727,022.61
8,825.00	24.30	359.70	8,818.98	5,289.28	42.30	-0.22	42.30	12.00	462,057.56	727,022.56
8,850.00	27.30	359.70	8,841.49	5,311.79	53.18	-0.28	53.18	12.00	462,068.44	727,022.50
8,875.00	30.30	359.70	8,863.40	5,333.70	65.22	-0.34	65.22	12.00	462,080.48	727,022.44
8,900.00	33.30	359.70	8,884.64	5,354.94	78.39	-0.41	78.39	12.00	462,093.65	727,022.37
8,925.00	36.30	359.70	8,905.17	5,375.47	92.65	-0.49	92.66	12.00	462,107.91	727,022.29
8,950.00	39.30	359.70	8,924.92	5,395.22	107.97	-0.57	107.98	12.00	462,123.23	727,022.21
8,975.00	42.30	359.70	8,943.84	5,414.14	124.31	-0.65	124.31	12.00	462,139.57	727,022.13
9,000.00	45.30	359.70	8,961.89	5,432.19	141.61	-0.74	141.61	12.00	462,156.87	727,022.04
Heal TGT(ALD25#4)										
9,025.00	48.30	359.70	8,979.00	5,449.30	159.83	-0.84	159.83	12.00	462,175.09	727,021.94
9,050.00	51.30	359.70	8,995.14	5,465.44	178.92	-0.94	178.92	12.00	462,194.18	727,021.84
9,075.00	54.30	359.70	9,010.25	5,480.55	198.83	-1.04	198.83	12.00	462,214.09	727,021.74



Pathfinder

Pathfinder X & Y Planning Report



A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H
Wellbore: OH
Design: Plan #1

Local/Co-ordinate Reference:
TVD Reference:
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Survey Calculation Method:
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Well #4H
WELL @ 3529.70ft (25' KB Correction)
WELL @ 3529.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
9,100.00	57.30	359.70	9,024.30	5,494.60	219.50	-1.15	219.51	12.00	462,234.76	727,021.63
9,125.00	60.30	359.70	9,037.25	5,507.55	240.88	-1.26	240.89	12.00	462,256.14	727,021.52
9,150.00	63.30	359.70	9,049.07	5,519.37	262.91	-1.38	262.92	12.00	462,278.17	727,021.40
9,175.00	66.30	359.70	9,059.71	5,530.01	285.53	-1.50	285.53	12.00	462,300.79	727,021.28
9,200.00	69.29	359.70	9,069.16	5,539.46	308.67	-1.62	308.68	12.00	462,323.93	727,021.16
9,225.00	72.29	359.70	9,077.38	5,547.68	332.28	-1.74	332.28	12.00	462,347.54	727,021.04
9,250.00	75.29	359.70	9,084.36	5,554.66	356.28	-1.87	356.29	12.00	462,371.54	727,020.91
9,275.00	78.29	359.70	9,090.07	5,560.37	380.62	-1.99	380.62	12.00	462,395.88	727,020.79
9,300.00	81.29	359.70	9,094.50	5,564.80	405.22	-2.12	405.22	12.00	462,420.48	727,020.66
9,325.00	84.29	359.70	9,097.63	5,567.93	430.02	-2.25	430.02	12.00	462,445.28	727,020.53
9,350.00	87.29	359.70	9,099.47	5,569.77	454.95	-2.38	454.95	12.00	462,470.21	727,020.40
9,372.56	90.00	359.70	9,100.00	5,570.30	477.49	-2.50	477.50	12.00	462,492.75	727,020.28
9,400.00	90.00	359.70	9,100.00	5,570.30	504.94	-2.64	504.94	0.00	462,520.20	727,020.14
9,500.00	90.00	359.70	9,100.00	5,570.30	604.94	-3.17	604.94	0.00	462,620.20	727,019.61
9,600.00	90.00	359.70	9,100.00	5,570.30	704.94	-3.69	704.94	0.00	462,720.20	727,019.09
9,700.00	90.00	359.70	9,100.00	5,570.30	804.93	-4.21	804.94	0.00	462,820.19	727,018.57
9,800.00	90.00	359.70	9,100.00	5,570.30	904.93	-4.74	904.94	0.00	462,920.19	727,018.04
9,900.00	90.00	359.70	9,100.00	5,570.30	1,004.93	-5.26	1,004.94	0.00	463,020.19	727,017.52
10,000.00	90.00	359.70	9,100.00	5,570.30	1,104.93	-5.79	1,104.94	0.00	463,120.19	727,016.99
10,100.00	90.00	359.70	9,100.00	5,570.30	1,204.93	-6.31	1,204.94	0.00	463,220.19	727,016.47
10,200.00	90.00	359.70	9,100.00	5,570.30	1,304.93	-6.83	1,304.94	0.00	463,320.19	727,015.95
10,300.00	90.00	359.70	9,100.00	5,570.30	1,404.93	-7.36	1,404.94	0.00	463,420.19	727,015.42
10,400.00	90.00	359.70	9,100.00	5,570.30	1,504.92	-7.88	1,504.94	0.00	463,520.18	727,014.90
10,500.00	90.00	359.70	9,100.00	5,570.30	1,604.92	-8.40	1,604.94	0.00	463,620.18	727,014.38
10,600.00	90.00	359.70	9,100.00	5,570.30	1,704.92	-8.93	1,704.94	0.00	463,720.18	727,013.85
10,700.00	90.00	359.70	9,100.00	5,570.30	1,804.92	-9.45	1,804.94	0.00	463,820.18	727,013.33
10,800.00	90.00	359.70	9,100.00	5,570.30	1,904.92	-9.97	1,904.94	0.00	463,920.18	727,012.81



Pathfinder

Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #4H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #4H
WELL @ 3529.70ft (25' KB Correction)
WELL @ 3529.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
10,900.00	90.00	359.70	9,100.00	5,570.30	2,004.92	-10.50	2,004.94	0.00	464,020.18	727,012.28
11,000.00	90.00	359.70	9,100.00	5,570.30	2,104.92	-11.02	2,104.94	0.00	464,120.18	727,011.76
11,100.00	90.00	359.70	9,100.00	5,570.30	2,204.91	-11.55	2,204.94	0.00	464,220.17	727,011.23
11,200.00	90.00	359.70	9,100.00	5,570.30	2,304.91	-12.07	2,304.94	0.00	464,320.17	727,010.71
11,300.00	90.00	359.70	9,100.00	5,570.30	2,404.91	-12.59	2,404.94	0.00	464,420.17	727,010.19
11,400.00	90.00	359.70	9,100.00	5,570.30	2,504.91	-13.12	2,504.94	0.00	464,520.17	727,009.66
11,500.00	90.00	359.70	9,100.00	5,570.30	2,604.91	-13.64	2,604.94	0.00	464,620.17	727,009.14
11,600.00	90.00	359.70	9,100.00	5,570.30	2,704.91	-14.16	2,704.94	0.00	464,720.17	727,008.62
11,700.00	90.00	359.70	9,100.00	5,570.30	2,804.91	-14.69	2,804.94	0.00	464,820.17	727,008.09
11,800.00	90.00	359.70	9,100.00	5,570.30	2,904.90	-15.21	2,904.94	0.00	464,920.16	727,007.57
11,900.00	90.00	359.70	9,100.00	5,570.30	3,004.90	-15.73	3,004.94	0.00	465,020.16	727,007.05
12,000.00	90.00	359.70	9,100.00	5,570.30	3,104.90	-16.26	3,104.94	0.00	465,120.16	727,006.52
12,100.00	90.00	359.70	9,100.00	5,570.30	3,204.90	-16.78	3,204.94	0.00	465,220.16	727,006.00
12,200.00	90.00	359.70	9,100.00	5,570.30	3,304.90	-17.30	3,304.94	0.00	465,320.16	727,005.48
12,300.00	90.00	359.70	9,100.00	5,570.30	3,404.90	-17.83	3,404.94	0.00	465,420.16	727,004.95
12,400.00	90.00	359.70	9,100.00	5,570.30	3,504.90	-18.35	3,504.94	0.00	465,520.16	727,004.43
12,500.00	90.00	359.70	9,100.00	5,570.30	3,604.90	-18.88	3,604.94	0.00	465,620.16	727,003.90
12,600.00	90.00	359.70	9,100.00	5,570.30	3,704.89	-19.40	3,704.94	0.00	465,720.15	727,003.38
12,700.00	90.00	359.70	9,100.00	5,570.30	3,804.89	-19.92	3,804.94	0.00	465,820.15	727,002.86
12,800.00	90.00	359.70	9,100.00	5,570.30	3,904.89	-20.45	3,904.94	0.00	465,920.15	727,002.33
12,900.00	90.00	359.70	9,100.00	5,570.30	4,004.89	-20.97	4,004.94	0.00	466,020.15	727,001.81
13,000.00	90.00	359.70	9,100.00	5,570.30	4,104.89	-21.49	4,104.94	0.00	466,120.15	727,001.29
13,100.00	90.00	359.70	9,100.00	5,570.30	4,204.89	-22.02	4,204.94	0.00	466,220.15	727,000.76
13,200.00	90.00	359.70	9,100.00	5,570.30	4,304.89	-22.54	4,304.94	0.00	466,320.15	727,000.24
13,300.00	90.00	359.70	9,100.00	5,570.30	4,404.88	-23.06	4,404.94	0.00	466,420.14	726,999.72
13,400.00	90.00	359.70	9,100.00	5,570.30	4,504.88	-23.59	4,504.94	0.00	466,520.14	726,999.19
13,500.00	90.00	359.70	9,100.00	5,570.30	4,604.88	-24.11	4,604.94	0.00	466,620.14	726,998.67



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Site: Aldabra "25" Fed
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Wellbore: OH
Design: Plan #1

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Database:

Well #4H
WELL @ 3529.70ft (25' KB Correction)
WELL @ 3529.70ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
13,600.00	90.00	359.70	9,100.00	5,570.30	4,704.88	-24.63	4,704.94	0.00	466,720.14	726,998.15
13,646.49	90.00	359.70	9,100.00	5,570.30	4,751.37	-24.88	4,751.43	0.00	466,766.63	726,997.90

PBHL(ALD25#4)

Targets

Target Name
- hit/miss target
- Shape

Dip Angle
(°)

Dip Dir.
(°)

TVD
(ft)

+N/-S
(ft)

+E/-W
(ft)

Northing
(ft)

Easting
(ft)

Latitude

Longitude

Heal TGT(ALD25#4)
- plan misses target center by 1686.82ft at 9000.00ft MD (8961.89 TVD, 141.61 N, -0.74 E)
- Point

PBHL(ALD25#4)
- plan hits target center
- Point

32° 16' 7.410 N 103° 44' 16.767 W

32° 16' 54.432 N 103° 43' 57.235 W

Checked By: _____

Approved By: _____

Date: _____

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Bruzos 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	
⁴ Property Code		⁵ Property Name ALDABRA "25" FED.			
⁷ OGRID No. 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			
				⁶ Well Number 5H	
				⁹ Elevation 3505.3	

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
N	25	23 S	31 E		200	SOUTH	2360	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	25	23 S	31 E		330	NORTH	2310	EAST	EDDY

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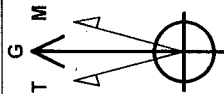
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 25 LAT. = 32°16'58.20"N LONG. = 103°44'24.25"W NMSP EAST (FT) N = 467084.84 E = 724686.25	TOE TARGET LAT. = 32°16'54.92"N LONG. = 103°43'49.88"W NMSP EAST (FT) N = 466770.00 E = 727656.55	TOE TARGET 330'	NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84	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 leased 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 _____ Date _____ Printed Name _____	
ALDABRA "25" FED. #5H ELEV. = 3505.3' LAT. = 32°16'07.916"N (NAD83) LONG. = 103°43'56.789"W NMSP EAST (FT) N = 462015.52 E = 727072.76					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. SEPTEMBER 20, 2010 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number: JUMON F. JARAMILLO, PLS 12797 SURVEY NO. 221
SW CORNER SEC. 25 LAT. = 32°16'05.93"N LONG. = 103°44'24.27"W NMSP EAST (FT) N = 461801.94 E = 724713.65	HEAL TARGET LAT. = 32°16'12.47"N LONG. = 103°43'49.70"W NMSP EAST (FT) N = 462479.08 E = 727678.99	SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42			



Project: Eddy County
Site: Aldabra "25" Fed
Well: #5H
Wellbore: OH
Plan: Plan #1 (#5H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.41°
Magnetic Field
Strength: 48725.8nT
Dip Angle: 60.24°
Date: 10/14/2010
Model: IGRF200510



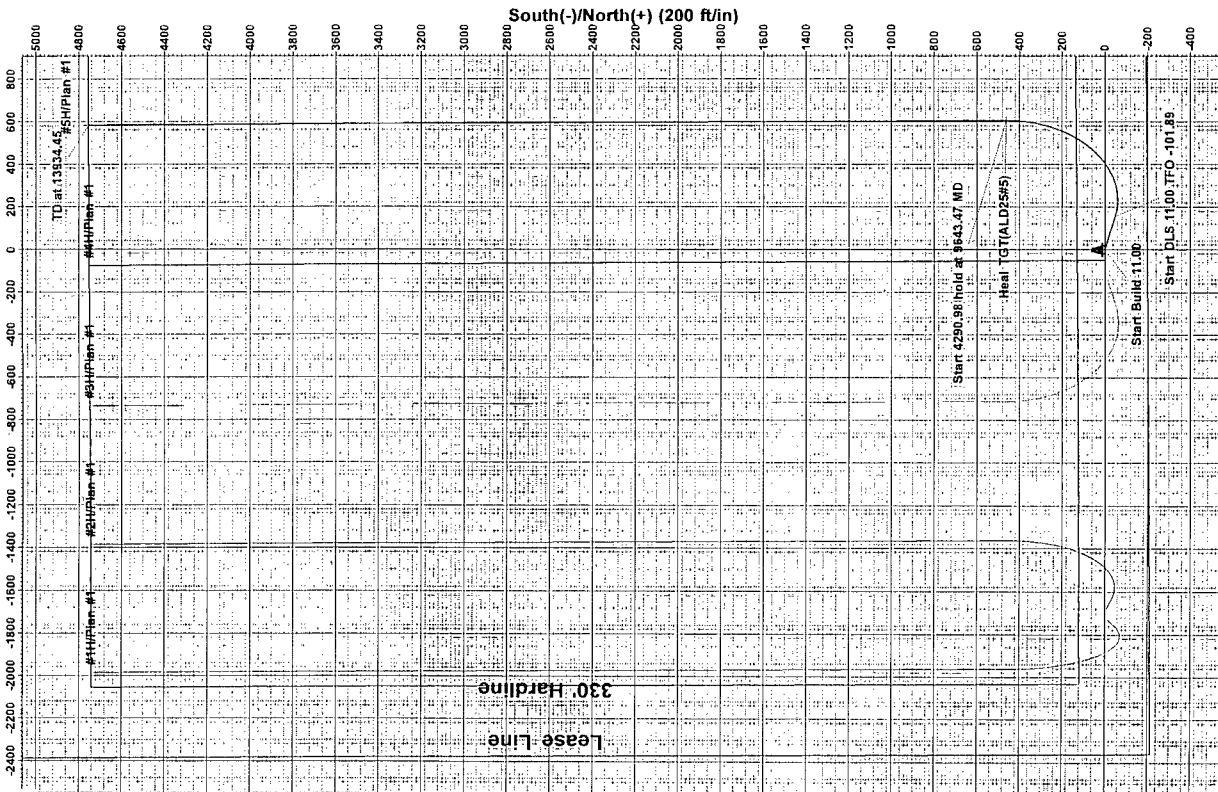
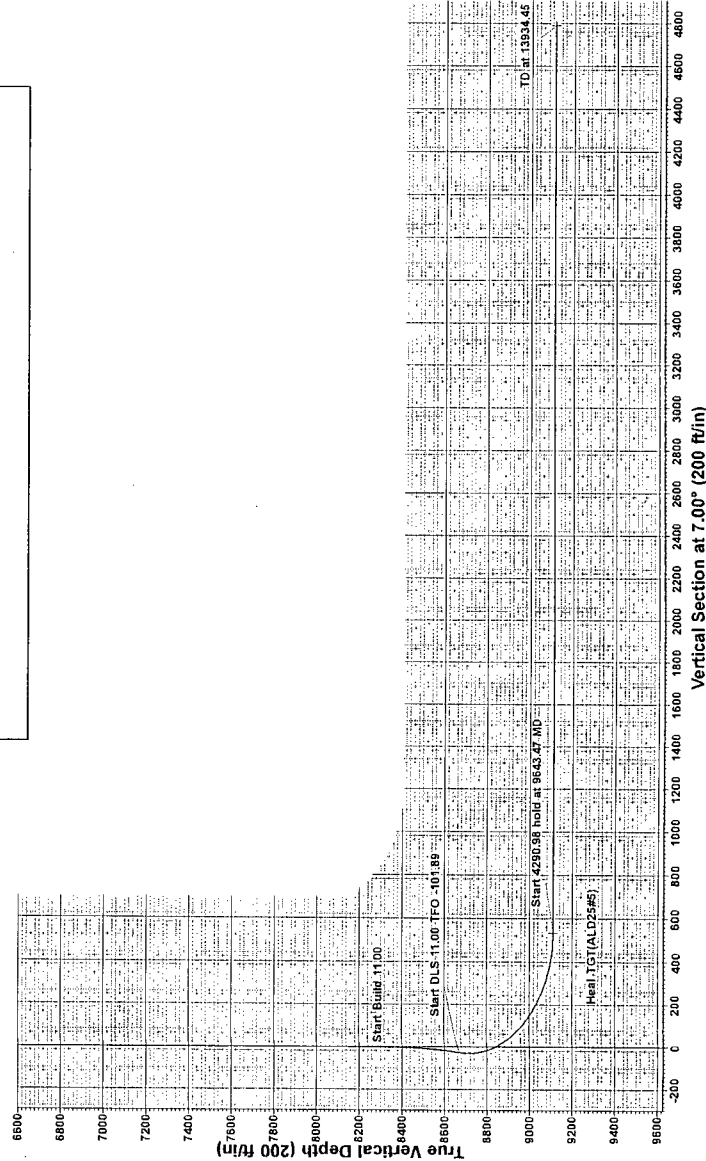
A Schlumberger Company

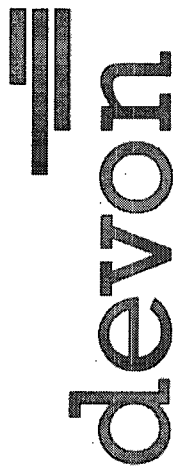
West(-)/East(+) (200 ft/in)

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/S	+E/W	DLeg	TFace	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8287.00	0.00	0.00	8287.00	0.00	0.00	0.00	0.00	0.00
3	12.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00
4	964.27	90.00	358.70	964.27	0.00	0.00	0.00	0.00	0.00
5	13934.45	90.00	358.70	964.27	0.00	0.00	0.00	0.00	0.00

WELL DETAILS: #5H					
Ground Elevation: 3505.30					
RKB Elevation: WELL @ 330.30R (25' KB Correction)					
Rig Name: 25' KB Correction					
+N/S	+E/W	North	East	Latitude	Longitude
0.00	0.00	462015.520	727072.760	32° 16' 7.413 N	103° 43' 56.675 W

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	+N/S	TVD	+E/W	North	East
Heal TGT (ALD25#5)	0.00	9110.00	453.56	462479.080	727678.980
PBH (ALD25#5)	0.00	9110.00	4754.46	460770.000	727696.350





Devon Energy, Inc.

Eddy County

Aldabra "25" Fed

#5H

OH

Plan: Plan #1

Pathfinder X & Y Planning Report

14 October, 2010

PATHFINDER®
A Schlumberger Company



Pathfinder

Pathfinder X & Y Planning Report



A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #5H
Project:	Eddy County	TVD Reference:	WELL @ 3530.30ft (25' KB Correction)
Site:	Aldabra "25" Fed	MD Reference:	WELL @ 3530.30ft (25' KB Correction)
Well:	#5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Midland Database

Project	Eddy County	System Datum:	Mean Sea Level
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Aldabra "25" Fed
------	------------------

Site Position:		North:	462,005.540 ft	Latitude:	32° 16' 7.410 N
From:	Map	Easting:	725,347.710 ft	Longitude:	103° 44' 16.767 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.32°

Well	#5H				
Well Position	+N/-S 0.00 ft	North:	462,015.520 ft	Latitude:	32° 16' 7.413 N
	+E/-W 0.00 ft	Easting:	727,072.760 ft	Longitude:	103° 43' 56.675 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,505.30 ft

Wellbore	OH
----------	----

Magnetics	Model Name	Sample Date	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/14/10	7.73	60.24
				48.726

Design	Plan #1
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Audit Notes:	
Version:	Phase: PLAN Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	7.00

Survey Tool Program	Date	10/14/10
From (ft)	To (ft)	Survey (Wellbore)
0.00	13,934.37	Plan #1 (OH)
		Pathfinder
		Pathfinder MWD



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Well #5H
WELL @ 3530.30ft (25' KB Correction)
WELL @ 3530.30ft (25' KB Correction)
Grid
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Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,530.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
100.00	0.00	0.00	100.00	-3,430.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
200.00	0.00	0.00	200.00	-3,330.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
300.00	0.00	0.00	300.00	-3,230.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
400.00	0.00	0.00	400.00	-3,130.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
500.00	0.00	0.00	500.00	-3,030.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
600.00	0.00	0.00	600.00	-2,930.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
700.00	0.00	0.00	700.00	-2,830.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
800.00	0.00	0.00	800.00	-2,730.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
900.00	0.00	0.00	900.00	-2,630.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,000.00	0.00	0.00	1,000.00	-2,530.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,100.00	0.00	0.00	1,100.00	-2,430.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,200.00	0.00	0.00	1,200.00	-2,330.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,300.00	0.00	0.00	1,300.00	-2,230.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,400.00	0.00	0.00	1,400.00	-2,130.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,500.00	0.00	0.00	1,500.00	-2,030.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,600.00	0.00	0.00	1,600.00	-1,930.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,700.00	0.00	0.00	1,700.00	-1,830.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,800.00	0.00	0.00	1,800.00	-1,730.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
1,900.00	0.00	0.00	1,900.00	-1,630.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,000.00	0.00	0.00	2,000.00	-1,530.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,100.00	0.00	0.00	2,100.00	-1,430.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,200.00	0.00	0.00	2,200.00	-1,330.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,300.00	0.00	0.00	2,300.00	-1,230.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,400.00	0.00	0.00	2,400.00	-1,130.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,500.00	0.00	0.00	2,500.00	-1,030.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,600.00	0.00	0.00	2,600.00	-930.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76



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WELL @ 3530.30ft (25' KB Correction)
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2,700.00	0.00	0.00	2,700.00	-830.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,800.00	0.00	0.00	2,800.00	-730.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
2,900.00	0.00	0.00	2,900.00	-630.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,000.00	0.00	0.00	3,000.00	-530.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,100.00	0.00	0.00	3,100.00	-430.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,200.00	0.00	0.00	3,200.00	-330.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,300.00	0.00	0.00	3,300.00	-230.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,400.00	0.00	0.00	3,400.00	-130.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,500.00	0.00	0.00	3,500.00	-30.30	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,600.00	0.00	0.00	3,600.00	69.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,700.00	0.00	0.00	3,700.00	169.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,800.00	0.00	0.00	3,800.00	269.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
3,900.00	0.00	0.00	3,900.00	369.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,000.00	0.00	0.00	4,000.00	469.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,100.00	0.00	0.00	4,100.00	569.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,200.00	0.00	0.00	4,200.00	669.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,300.00	0.00	0.00	4,300.00	769.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,400.00	0.00	0.00	4,400.00	869.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,500.00	0.00	0.00	4,500.00	969.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,600.00	0.00	0.00	4,600.00	1,069.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,700.00	0.00	0.00	4,700.00	1,169.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,800.00	0.00	0.00	4,800.00	1,269.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
4,900.00	0.00	0.00	4,900.00	1,369.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,000.00	0.00	0.00	5,000.00	1,469.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,100.00	0.00	0.00	5,100.00	1,569.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,200.00	0.00	0.00	5,200.00	1,669.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,300.00	0.00	0.00	5,300.00	1,769.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #5H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #5H
WELL @ 3530.30ft (25' KB Correction)
WELL @ 3530.30ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,869.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,500.00	0.00	0.00	5,500.00	1,969.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,600.00	0.00	0.00	5,600.00	2,069.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,700.00	0.00	0.00	5,700.00	2,169.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,800.00	0.00	0.00	5,800.00	2,269.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
5,900.00	0.00	0.00	5,900.00	2,369.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,000.00	0.00	0.00	6,000.00	2,469.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,100.00	0.00	0.00	6,100.00	2,569.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,200.00	0.00	0.00	6,200.00	2,669.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,300.00	0.00	0.00	6,300.00	2,769.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,400.00	0.00	0.00	6,400.00	2,869.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,500.00	0.00	0.00	6,500.00	2,969.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,600.00	0.00	0.00	6,600.00	3,069.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,700.00	0.00	0.00	6,700.00	3,169.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,800.00	0.00	0.00	6,800.00	3,269.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
6,900.00	0.00	0.00	6,900.00	3,369.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,000.00	0.00	0.00	7,000.00	3,469.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,100.00	0.00	0.00	7,100.00	3,569.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,200.00	0.00	0.00	7,200.00	3,669.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,300.00	0.00	0.00	7,300.00	3,769.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,400.00	0.00	0.00	7,400.00	3,869.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,500.00	0.00	0.00	7,500.00	3,969.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,600.00	0.00	0.00	7,600.00	4,069.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,700.00	0.00	0.00	7,700.00	4,169.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,800.00	0.00	0.00	7,800.00	4,269.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
7,900.00	0.00	0.00	7,900.00	4,369.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
8,000.00	0.00	0.00	8,000.00	4,469.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76



Pathfinder

Pathfinder X & Y Planning Report



A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #5H
Wellbore: OH
Design: Plan #1

Local/Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #5H
WELL @ 3530.30ft (25' KB Correction)
WELL @ 3530.30ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
8,100.00	0.00	0.00	8,100.00	4,569.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
8,200.00	0.00	0.00	8,200.00	4,669.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
8,287.00	0.00	0.00	8,287.00	4,756.70	0.00	0.00	0.00	0.00	462,015.52	727,072.76
8,300.00	1.43	106.80	8,300.00	4,769.70	-0.05	0.16	-0.03	11.00	462,015.47	727,072.92
8,350.00	6.93	106.80	8,349.85	4,819.55	-1.10	3.64	-0.65	11.00	462,014.42	727,076.40
8,400.00	12.43	106.80	8,399.12	4,868.82	-3.53	11.69	-2.08	11.00	462,011.99	727,084.45
8,450.00	17.93	106.80	8,447.35	4,917.05	-7.31	24.22	-4.31	11.00	462,008.21	727,096.98
8,500.00	23.43	106.80	8,494.11	4,963.81	-12.42	41.11	-7.31	11.00	462,003.10	727,113.87
8,550.00	28.93	106.80	8,538.97	5,008.67	-18.79	62.22	-11.07	11.00	461,996.73	727,134.98
8,600.00	34.43	106.80	8,581.50	5,051.20	-26.38	87.35	-15.54	11.00	461,989.14	727,160.11
8,650.00	39.93	106.80	8,621.32	5,091.02	-35.11	116.27	-20.68	11.00	461,980.41	727,189.03
8,700.00	45.43	106.80	8,658.07	5,127.77	-44.90	148.70	-26.45	11.00	461,970.62	727,221.46
8,712.69	46.83	106.80	8,666.86	5,136.56	-47.55	157.46	-28.01	11.00	461,967.97	727,230.22
8,750.00	46.11	101.23	8,692.57	5,162.27	-54.10	183.68	-31.32	11.00	461,961.42	727,256.44
8,800.00	45.60	93.59	8,727.42	5,197.12	-58.73	219.21	-31.58	11.00	461,956.79	727,291.97
8,850.00	45.59	85.89	8,762.43	5,232.13	-58.57	254.88	-27.08	11.00	461,956.95	727,327.64
8,900.00	46.11	78.26	8,797.28	5,266.98	-53.62	290.36	-17.84	11.00	461,961.90	727,363.12
8,950.00	47.11	70.82	8,831.65	5,301.35	-43.93	325.32	-3.96	11.00	461,971.59	727,398.08
9,000.00	48.59	63.66	8,865.23	5,334.93	-29.58	359.45	14.44	11.00	461,985.94	727,432.21
9,050.00	50.48	56.88	8,897.70	5,367.40	-10.71	392.43	37.19	11.00	462,004.81	727,465.19
9,100.00	52.75	50.48	8,928.77	5,398.47	12.51	423.96	64.08	11.00	462,028.03	727,496.72
9,150.00	55.34	44.48	8,958.14	5,427.84	39.86	453.74	94.86	11.00	462,055.38	727,526.50
9,200.00	58.20	38.87	8,985.55	5,455.25	71.10	481.50	129.25	11.00	462,086.62	727,554.26
9,250.00	61.30	33.60	9,010.75	5,480.45	105.94	506.99	166.93	11.00	462,121.46	727,579.75
9,300.00	64.59	28.65	9,033.50	5,503.20	144.04	529.97	207.55	11.00	462,159.56	727,602.73
9,350.00	68.03	23.97	9,053.60	5,523.30	185.08	550.23	250.75	11.00	462,200.60	727,622.99
9,400.00	71.60	19.51	9,070.86	5,540.56	228.66	567.59	296.12	11.00	462,244.18	727,640.35



Pathfinder

Pathfinder X & Y Planning Report



A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #5H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #5H
WELL @ 3530.30ft (25' KB Correction)
WELL @ 3530.30ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
9,450.00	75.27	15.23	9,085.12	5,554.82	274.38	581.87	343.24	11.00	462,289.90	727,654.63
9,500.00	79.02	11.10	9,096.25	5,565.95	321.83	592.96	391.69	11.00	462,337.35	727,665.72
9,550.00	82.82	7.08	9,104.14	5,573.84	370.56	600.75	441.01	11.00	462,386.08	727,673.51
9,600.00	86.65	3.12	9,108.73	5,578.43	420.14	605.16	490.75	11.00	462,435.66	727,677.92
9,643.47	90.00	359.70	9,110.00	5,579.70	463.56	606.23	533.98	11.00	462,479.08	727,678.99
Heal TGT(ALD25#5)										
9,700.00	90.00	359.70	9,110.00	5,579.70	520.09	605.93	590.05	0.00	462,535.61	727,678.69
9,800.00	90.00	359.70	9,110.00	5,579.70	620.09	605.41	689.24	0.00	462,635.61	727,678.17
9,900.00	90.00	359.70	9,110.00	5,579.70	720.09	604.89	788.43	0.00	462,735.61	727,677.65
10,000.00	90.00	359.70	9,110.00	5,579.70	820.09	604.37	887.62	0.00	462,835.61	727,677.13
10,100.00	90.00	359.70	9,110.00	5,579.70	920.09	603.84	986.81	0.00	462,935.61	727,676.60
10,200.00	90.00	359.70	9,110.00	5,579.70	1,020.08	603.32	1,086.00	0.00	463,035.60	727,676.08
10,300.00	90.00	359.70	9,110.00	5,579.70	1,120.08	602.80	1,185.19	0.00	463,135.60	727,675.56
10,400.00	90.00	359.70	9,110.00	5,579.70	1,220.08	602.27	1,284.38	0.00	463,235.60	727,675.03
10,500.00	90.00	359.70	9,110.00	5,579.70	1,320.08	601.75	1,383.57	0.00	463,335.60	727,674.51
10,600.00	90.00	359.70	9,110.00	5,579.70	1,420.08	601.23	1,482.76	0.00	463,435.60	727,673.99
10,700.00	90.00	359.70	9,110.00	5,579.70	1,520.08	600.70	1,581.95	0.00	463,535.60	727,673.46
10,800.00	90.00	359.70	9,110.00	5,579.70	1,620.08	600.18	1,681.14	0.00	463,635.60	727,672.94
10,900.00	90.00	359.70	9,110.00	5,579.70	1,720.08	599.66	1,780.33	0.00	463,735.60	727,672.42
11,000.00	90.00	359.70	9,110.00	5,579.70	1,820.07	599.14	1,879.52	0.00	463,835.59	727,671.90
11,100.00	90.00	359.70	9,110.00	5,579.70	1,920.07	598.61	1,978.71	0.00	463,935.59	727,671.37
11,200.00	90.00	359.70	9,110.00	5,579.70	2,020.07	598.09	2,077.90	0.00	464,035.59	727,670.85
11,300.00	90.00	359.70	9,110.00	5,579.70	2,120.07	597.57	2,177.09	0.00	464,135.59	727,670.33
11,400.00	90.00	359.70	9,110.00	5,579.70	2,220.07	597.04	2,276.28	0.00	464,235.59	727,669.80
11,500.00	90.00	359.70	9,110.00	5,579.70	2,320.07	596.52	2,375.47	0.00	464,335.59	727,669.28
11,600.00	90.00	359.70	9,110.00	5,579.70	2,420.07	596.00	2,474.66	0.00	464,435.59	727,668.76
11,700.00	90.00	359.70	9,110.00	5,579.70	2,520.06	595.48	2,573.85	0.00	464,535.58	727,668.24

Company: Devon Energy, Inc.
 Project: Eddy County
 Site: Aldabra "25" Fed
 Well: #5H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well #5H
 WELL @ 3530.30ft (25' KB Correction)
 WELL @ 3530.30ft (25' KB Correction)
 Grid
 Minimum Curvature
 Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	NIS (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
11,800.00	90.00	359.70	9,110.00	5,579.70	2,620.06	594.95	2,673.04	0.00	464,635.58	727,667.71
11,900.00	90.00	359.70	9,110.00	5,579.70	2,720.06	594.43	2,772.23	0.00	464,735.58	727,667.19
12,000.00	90.00	359.70	9,110.00	5,579.70	2,820.06	593.91	2,871.42	0.00	464,835.58	727,666.67
12,100.00	90.00	359.70	9,110.00	5,579.70	2,920.06	593.38	2,970.61	0.00	464,935.58	727,666.14
12,200.00	90.00	359.70	9,110.00	5,579.70	3,020.06	592.86	3,069.80	0.00	465,035.58	727,665.62
12,300.00	90.00	359.70	9,110.00	5,579.70	3,120.06	592.34	3,168.98	0.00	465,135.58	727,665.10
12,400.00	90.00	359.70	9,110.00	5,579.70	3,220.05	591.81	3,268.17	0.00	465,235.57	727,664.57
12,500.00	90.00	359.70	9,110.00	5,579.70	3,320.05	591.29	3,367.36	0.00	465,335.57	727,664.05
12,600.00	90.00	359.70	9,110.00	5,579.70	3,420.05	590.77	3,466.55	0.00	465,435.57	727,663.53
12,700.00	90.00	359.70	9,110.00	5,579.70	3,520.05	590.25	3,565.74	0.00	465,535.57	727,663.01
12,800.00	90.00	359.70	9,110.00	5,579.70	3,620.05	589.72	3,664.93	0.00	465,635.57	727,662.48
12,900.00	90.00	359.70	9,110.00	5,579.70	3,720.05	589.20	3,764.12	0.00	465,735.57	727,661.96
13,000.00	90.00	359.70	9,110.00	5,579.70	3,820.05	588.68	3,863.31	0.00	465,835.57	727,661.44
13,100.00	90.00	359.70	9,110.00	5,579.70	3,920.04	588.15	3,962.50	0.00	465,935.56	727,660.91
13,200.00	90.00	359.70	9,110.00	5,579.70	4,020.04	587.63	4,061.69	0.00	466,035.56	727,660.39
13,300.00	90.00	359.70	9,110.00	5,579.70	4,120.04	587.11	4,160.88	0.00	466,135.56	727,659.87
13,400.00	90.00	359.70	9,110.00	5,579.70	4,220.04	586.58	4,260.07	0.00	466,235.56	727,659.34
13,500.00	90.00	359.70	9,110.00	5,579.70	4,320.04	586.06	4,359.26	0.00	466,335.56	727,658.82
13,600.00	90.00	359.70	9,110.00	5,579.70	4,420.04	585.54	4,458.45	0.00	466,435.56	727,658.30
13,700.00	90.00	359.70	9,110.00	5,579.70	4,520.04	585.02	4,557.64	0.00	466,535.56	727,657.78
13,800.00	90.00	359.70	9,110.00	5,579.70	4,620.04	584.49	4,656.83	0.00	466,635.56	727,657.25
13,900.00	90.00	359.70	9,110.00	5,579.70	4,720.03	583.97	4,756.02	0.00	466,735.55	727,656.73
13,934.45	90.00	359.70	9,110.00	5,579.70	4,754.48	583.79	4,790.19	0.00	466,770.00	727,656.55

PBHL(ALD25#5)



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company:	Devon Energy, Inc.	Well #5H
Project:	Eddy County	WELL @ 3530.30ft (25' KB Correction)
Site:	Aldabra "25" Fed	WELL @ 3530.30ft (25' KB Correction)
Well:	#5H	Grid
Wellbore:	OH	Minimum Curvature
Design:	Plan #1	Midland Database

Targets		Local Co-ordinate Reference:		TVD Reference:		MD Reference:		North Reference:		Survey Calculation Method:		Database:	
Target Name	- hit/miss target												
- Shape	- Shape												
Heal TGT(ALD25#5)	- plan hits target center												
- Point	- Point												
PBHL(ALD25#5)	- plan hits target center												
- Point	- Point												

Checked By: _____	Approved By: _____	Date: _____
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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
⁴ Property Code	⁵ Property Name ALDABRA "25" FED.	⁶ Well Number 6H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3535.7

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
P	25	23 S	31 E		200	SOUTH	1050	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
B	25	23 S	31 E		330	NORTH	1650	EAST	EDDY

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

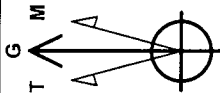
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 25 LAT. = 32°16'58.20"N LONG. = 103°44'24.25"W NMSP EAST (FT) N = 467084.84 E = 724686.25	TOE TARGET LAT. = 32°16'54.92"N LONG. = 103°43'41.99"W NMSP EAST (FT) N = 466773.39 E = 728316.56	TOE TARGET 1650' 330'	NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84	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. Signature _____ Date _____ Printed Name _____	
ALDABRA "25" FED. #6H ELEV. = 3535.7 LAT. = 32°16'07.922"N (NAD83) LONG. = 103°43'35.031"W NMSP EAST (FT) N = 462026.58 E = 728941.35		SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42			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. SEPTEMBER 20, 2010 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number FILIPINO LARAMILLO, PLS 12797 SURVEY NO. 222
SW CORNER SEC. 25 LAT. = 32°16'05.93"N LONG. = 103°44'24.27"W NMSP EAST (FT) N = 461801.94 E = 724713.65		HEAL TARGET LAT. = 32°16'12.47"N LONG. = 103°43'42.01"W NMSP EAST (FT) N = 462483.01 E = 728339.00			
HEAL TARGET 1650' 200' SURFACE LOCATION 1050'		HEAL TARGET 1650' 200'			



Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Plan: Plan #1 (#6H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.40°
Magnetic Field
Strength: 48725.25nT
Dip Angle: 60.24°
Date: 10/18/2010
Model: IGRF200510

PATHFINDER®

A Schlumberger Company

West(-)/East(+) (200 ft/in)

SECTION DETAILS									
Sec	MD	Inc	Adj	TVD	+N/S	+E/W	Dt.cg	TFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8303.00	0.00	0.00	8303.00	0.00	0.00	0.00	0.00	0.00
3	8722.72	46.15	251.97	8578.78	-49.55	-152.24	11.00	251.97	-29.26
4	9656.54	80.00	359.70	9130.00	456.43	-602.35	11.00	102.49	531.13
5	13546.97	90.00	359.70	9130.00	4746.81	-624.79	0.00	0.00	4787.75

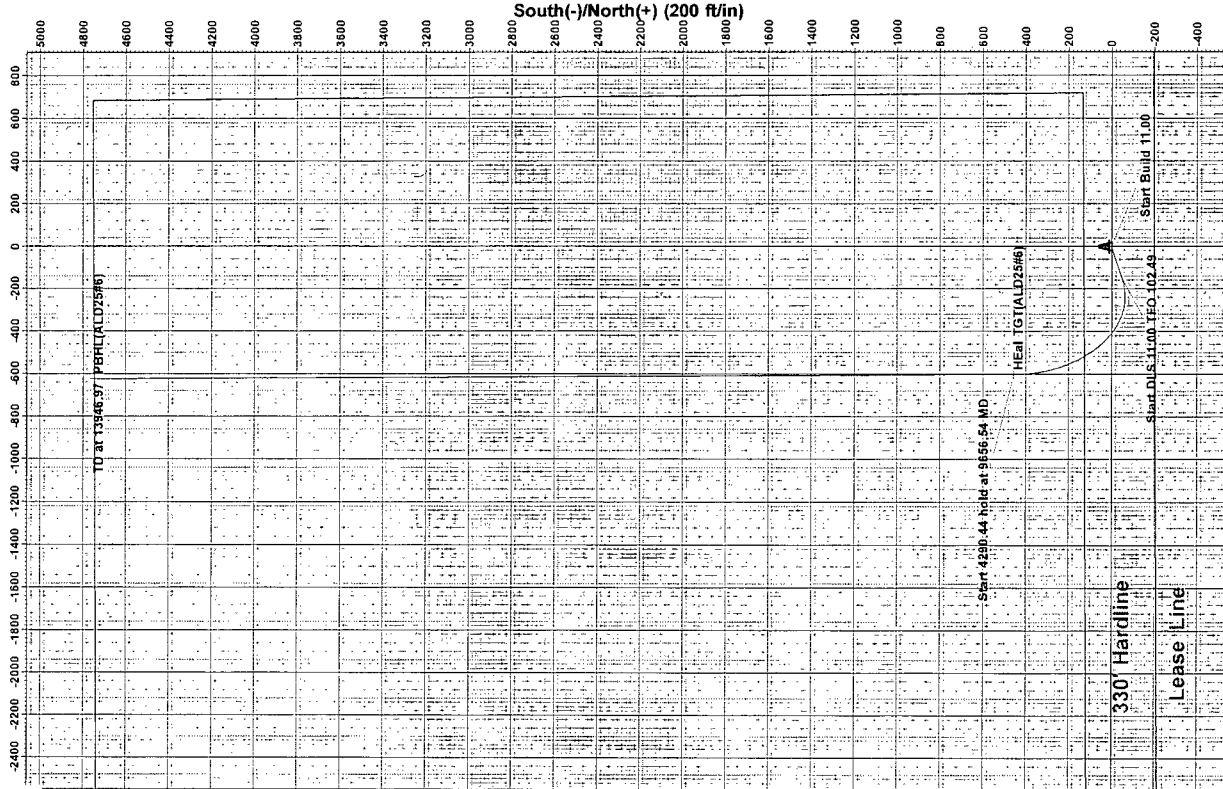
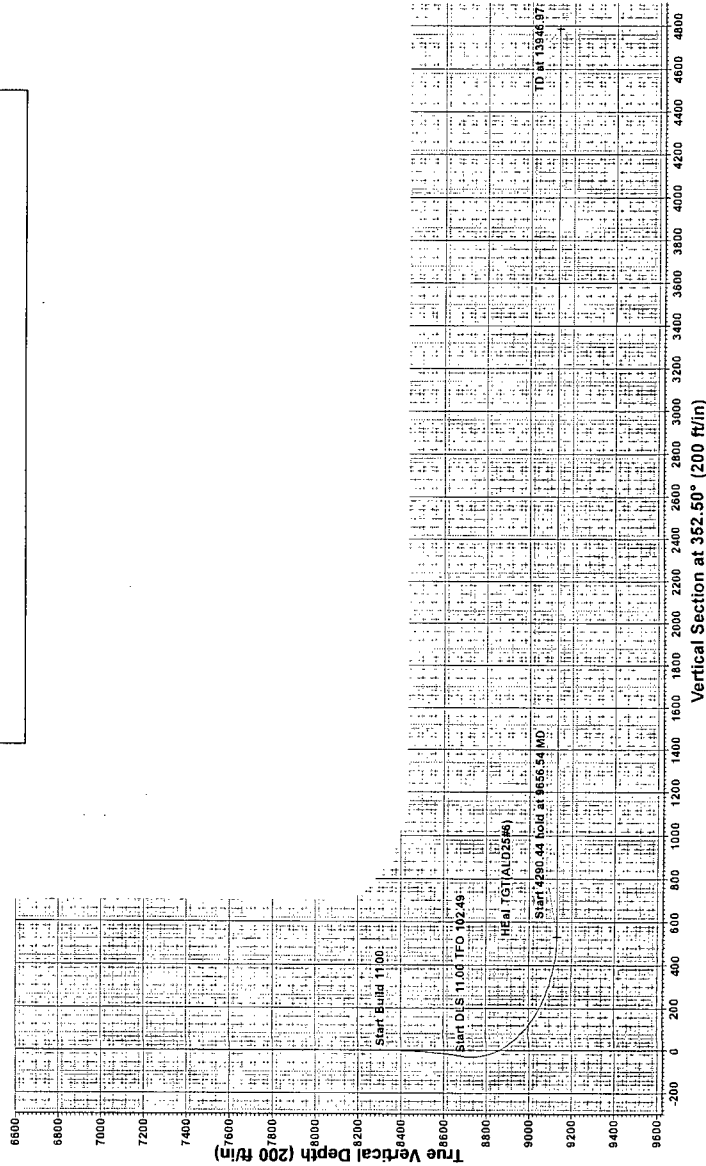
WELL DETAILS: #6H

Ground Elevation: 3535.70
RKB Elevation: WELL @ 3560.70ft (25' KB)
Rig Name: 25' KB

	+N/S	+E/W	Northing	Easting	Latitude	Longitude	Slot
	0.00	0.00	462026.580	728941.350	32° 16' 7.418" N	103° 43' 34.511" W	

WELLBORE TARGET DETAILS (MAP COORDINATES)

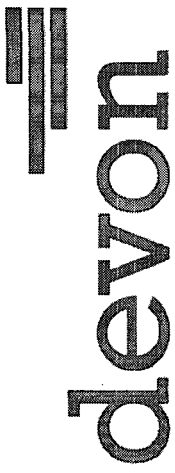
Name	TVD	+N/S	+E/W	Northing	Easting	Shape
HEAL TGT(ALT025#6)	456.43	-602.35	462483.010	728339.000	Point	
PBHL(ALT025#6)	4746.81	-624.79	466773.390	728316.550	Point	



Vertical Section at 352.50° (200 ft/in)

Plan: Plan #1 (#6H/OH)

Created By: Nate Bingham Date: 2:38 October 27 2010



Devon Energy, Inc.

Eddy County

Aldabra "25" Fed

#6H

OH

Plan: Plan #1

Pathfinder X & Y Planning Report

18 October, 2010

PATHFINDER[®]

A Schlumberger Company



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.	Local Co-ordinate Reference: Well #6H
Project: Eddy County	TVD Reference: WELL @ 3560.70ft (25' KB)
Site: Aldabra "25" Fed	MD Reference: WELL @ 3560.70ft (25' KB)
Well: #6H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: Midland Database

Project: Eddy County	System Datum: Mean Sea Level
Map System: US State Plane 1983	
Geo Datum: North American Datum 1983	
Map Zone: New Mexico Eastern Zone	

Site: Aldabra "25" Fed	
Site Position:	Latitude: 32° 16' 7.410 N
From: Map	Longitude: 103° 44' 16.767 W
Position Uncertainty: 0.00 ft	Grid Convergence: 0.32 °

Well: #6H	
Well Position	Latitude: 32° 16' 5.442 N
+N/-S 0.00 ft	Longitude: 103° 43' 22.683 W
+E/-W 0.00 ft	Ground Level: 3,535.70 ft
Position Uncertainty 2.00 ft	

Wellbore: OH	
Magnetics	
Model Name IGRF200510	Sample Date 10/18/10
Declination (°) 7.73	Dip Angle (°) 60.24
Field Strength (nT) 48,725	

Design: Plan #1	
Audit Notes:	
Version:	
Vertical Section:	
Depth From (TVD) (ft) 0.00	+N/-S (ft) 0.00
+E/-W (ft) 0.00	Direction (°) 341.26
Tie On Depth: 0.00	

Survey Tool Program Date 10/18/10	
From (ft) 0.00	To (ft) 15,087.72
Survey (Wellbore) Plan #1 (OH)	Tool Name Pathfinder
	Description Pathfinder MWD



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #6H
WELL @ 3560.70ft (25' KB)
WELL @ 3560.70ft (25' KB)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,560.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
100.00	0.00	0.00	100.00	-3,460.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
200.00	0.00	0.00	200.00	-3,360.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
300.00	0.00	0.00	300.00	-3,260.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
400.00	0.00	0.00	400.00	-3,160.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
500.00	0.00	0.00	500.00	-3,060.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
600.00	0.00	0.00	600.00	-2,960.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
700.00	0.00	0.00	700.00	-2,860.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
800.00	0.00	0.00	800.00	-2,760.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
900.00	0.00	0.00	900.00	-2,660.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,000.00	0.00	0.00	1,000.00	-2,560.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,100.00	0.00	0.00	1,100.00	-2,460.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,200.00	0.00	0.00	1,200.00	-2,360.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,300.00	0.00	0.00	1,300.00	-2,260.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,400.00	0.00	0.00	1,400.00	-2,160.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,500.00	0.00	0.00	1,500.00	-2,060.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,600.00	0.00	0.00	1,600.00	-1,960.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,700.00	0.00	0.00	1,700.00	-1,860.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,800.00	0.00	0.00	1,800.00	-1,760.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
1,900.00	0.00	0.00	1,900.00	-1,660.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,000.00	0.00	0.00	2,000.00	-1,560.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,100.00	0.00	0.00	2,100.00	-1,460.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,200.00	0.00	0.00	2,200.00	-1,360.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,300.00	0.00	0.00	2,300.00	-1,260.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,400.00	0.00	0.00	2,400.00	-1,160.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,500.00	0.00	0.00	2,500.00	-1,060.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,600.00	0.00	0.00	2,600.00	-960.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #6H
TVD Reference: WELL @ 3560.70ft (25' KB)
MD Reference: WELL @ 3560.70ft (25' KB)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-860.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,800.00	0.00	0.00	2,800.00	-760.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
2,900.00	0.00	0.00	2,900.00	-660.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,000.00	0.00	0.00	3,000.00	-560.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,100.00	0.00	0.00	3,100.00	-460.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,200.00	0.00	0.00	3,200.00	-360.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,300.00	0.00	0.00	3,300.00	-260.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,400.00	0.00	0.00	3,400.00	-160.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,500.00	0.00	0.00	3,500.00	-60.70	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,600.00	0.00	0.00	3,600.00	39.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,700.00	0.00	0.00	3,700.00	139.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,800.00	0.00	0.00	3,800.00	239.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
3,900.00	0.00	0.00	3,900.00	339.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,000.00	0.00	0.00	4,000.00	439.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,100.00	0.00	0.00	4,100.00	539.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,200.00	0.00	0.00	4,200.00	639.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,300.00	0.00	0.00	4,300.00	739.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,400.00	0.00	0.00	4,400.00	839.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,500.00	0.00	0.00	4,500.00	939.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,600.00	0.00	0.00	4,600.00	1,039.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,700.00	0.00	0.00	4,700.00	1,139.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,800.00	0.00	0.00	4,800.00	1,239.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
4,900.00	0.00	0.00	4,900.00	1,339.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,000.00	0.00	0.00	5,000.00	1,439.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,100.00	0.00	0.00	5,100.00	1,539.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,200.00	0.00	0.00	5,200.00	1,639.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,300.00	0.00	0.00	5,300.00	1,739.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #6H
WELL @ 3560.70ft (25' KB)
WELL @ 3560.70ft (25' KB)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,839.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,500.00	0.00	0.00	5,500.00	1,939.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,600.00	0.00	0.00	5,600.00	2,039.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,700.00	0.00	0.00	5,700.00	2,139.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,800.00	0.00	0.00	5,800.00	2,239.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
5,900.00	0.00	0.00	5,900.00	2,339.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,000.00	0.00	0.00	6,000.00	2,439.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,100.00	0.00	0.00	6,100.00	2,539.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,200.00	0.00	0.00	6,200.00	2,639.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,300.00	0.00	0.00	6,300.00	2,739.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,400.00	0.00	0.00	6,400.00	2,839.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,500.00	0.00	0.00	6,500.00	2,939.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,600.00	0.00	0.00	6,600.00	3,039.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,700.00	0.00	0.00	6,700.00	3,139.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,800.00	0.00	0.00	6,800.00	3,239.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
6,900.00	0.00	0.00	6,900.00	3,339.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,000.00	0.00	0.00	7,000.00	3,439.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,100.00	0.00	0.00	7,100.00	3,539.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,200.00	0.00	0.00	7,200.00	3,639.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,300.00	0.00	0.00	7,300.00	3,739.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,400.00	0.00	0.00	7,400.00	3,839.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,500.00	0.00	0.00	7,500.00	3,939.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,600.00	0.00	0.00	7,600.00	4,039.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,700.00	0.00	0.00	7,700.00	4,139.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,800.00	0.00	0.00	7,800.00	4,239.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
7,900.00	0.00	0.00	7,900.00	4,339.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
8,000.00	0.00	0.00	8,000.00	4,439.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
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Well #6H
WELL @ 3560.70ft (25' KB)
WELL @ 3560.70ft (25' KB)
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Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	D/Leg (°/100ft)	Northing (ft)	Easting (ft)
8,100.00	0.00	0.00	8,100.00	4,539.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
8,200.00	0.00	0.00	8,200.00	4,639.30	0.00	0.00	0.00	0.00	461,832.84	729,992.42
8,250.00	3.54	258.56	8,249.97	4,689.27	-0.31	-1.51	0.20	7.07	461,832.53	729,990.91
8,300.00	7.07	258.56	8,299.75	4,739.05	-1.22	-6.04	0.78	7.07	461,831.62	729,986.38
8,350.00	10.61	258.56	8,349.14	4,788.44	-2.75	-13.57	1.76	7.07	461,830.09	729,978.85
8,400.00	14.14	258.56	8,397.98	4,837.28	-4.87	-24.07	3.12	7.07	461,827.97	729,968.35
8,450.00	17.68	258.56	8,446.05	4,885.35	-7.59	-37.50	4.86	7.07	461,825.25	729,954.92
8,500.00	21.21	258.56	8,493.19	4,932.49	-10.89	-53.82	6.97	7.07	461,821.95	729,938.60
8,550.00	24.75	258.56	8,539.22	4,978.52	-14.76	-72.95	9.45	7.07	461,818.08	729,919.47
8,600.00	28.29	258.56	8,583.95	5,023.25	-19.19	-94.82	12.29	7.07	461,813.65	729,897.60
8,650.00	31.82	258.56	8,627.22	5,066.52	-24.16	-119.36	15.47	7.07	461,808.68	729,873.06
8,700.00	35.36	258.56	8,668.87	5,108.17	-29.64	-146.47	18.98	7.07	461,803.20	729,845.95
8,750.00	38.89	258.56	8,708.73	5,148.03	-35.63	-176.04	22.81	7.07	461,797.21	729,816.38
8,800.00	42.43	258.56	8,746.65	5,185.95	-42.09	-207.97	26.95	7.07	461,790.75	729,784.45
8,850.00	45.96	258.56	8,782.49	5,221.79	-49.00	-242.13	31.37	7.07	461,783.84	729,750.29
8,900.00	49.50	258.56	8,816.12	5,255.42	-56.34	-278.38	36.07	7.07	461,776.50	729,714.04
8,950.00	53.03	258.56	8,847.40	5,286.70	-64.07	-316.61	41.03	7.07	461,768.77	729,675.81
9,000.00	56.57	258.56	8,876.21	5,315.51	-72.18	-356.65	46.21	7.07	461,760.66	729,635.77
9,050.00	60.11	258.56	8,902.45	5,341.75	-80.62	-398.35	51.62	7.07	461,752.22	729,594.07
9,100.00	63.64	258.56	8,926.02	5,365.32	-89.36	-441.56	57.22	7.07	461,743.48	729,550.86
9,150.00	67.18	258.56	8,946.82	5,386.12	-98.38	-486.12	62.99	7.07	461,734.46	729,506.30
9,200.00	70.71	258.56	8,964.78	5,404.08	-107.63	-531.85	68.92	7.07	461,725.21	729,460.57
9,250.00	74.25	258.56	8,979.83	5,419.13	-117.09	-578.57	74.97	7.07	461,715.75	729,413.85
9,300.00	77.78	258.56	8,991.91	5,431.21	-126.71	-626.12	81.13	7.07	461,706.13	729,366.30
9,350.00	81.32	258.56	9,000.98	5,440.28	-136.46	-674.31	87.38	7.07	461,696.38	729,318.11
9,368.30	82.61	258.56	9,003.54	5,442.84	-140.06	-692.07	89.68	7.07	461,692.78	729,300.35
9,400.00	82.56	260.82	9,007.63	5,446.93	-145.68	-722.99	94.28	7.07	461,687.16	729,269.43



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #6H
TVD Reference: WELL @ 3560.70ft (25' KB)
MD Reference: WELL @ 3560.70ft (25' KB)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
9,450.00	82.51	264.38	9,014.12	5,453.42	-152.07	-772.15	104.03	7.07	461,680.77	729,220.27
9,500.00	82.48	267.95	9,020.66	5,459.96	-155.38	-821.60	116.78	7.07	461,677.46	729,170.82
9,550.00	82.48	271.52	9,027.21	5,466.51	-155.61	-871.16	132.48	7.07	461,677.23	729,121.26
9,600.00	82.51	275.08	9,033.74	5,473.04	-152.76	-920.64	151.08	7.07	461,680.08	729,071.78
9,650.00	82.56	278.65	9,040.24	5,479.54	-146.83	-969.85	172.50	7.07	461,686.01	729,022.57
9,700.00	82.65	282.21	9,046.68	5,485.98	-137.85	-1,018.61	196.66	7.07	461,694.99	728,973.81
9,750.00	82.76	285.78	9,053.02	5,492.32	-125.86	-1,066.73	223.47	7.07	461,706.98	728,925.69
9,800.00	82.91	289.34	9,059.26	5,498.56	-110.90	-1,114.02	252.83	7.07	461,721.94	728,878.40
9,850.00	83.08	292.89	9,065.37	5,504.67	-93.03	-1,160.30	284.62	7.07	461,739.81	728,832.12
9,900.00	83.27	296.45	9,071.31	5,510.61	-72.31	-1,205.41	318.74	7.07	461,760.53	728,787.01
9,950.00	83.49	300.00	9,077.07	5,516.37	-48.82	-1,249.16	355.03	7.07	461,784.02	728,743.26
10,000.00	83.74	303.55	9,082.64	5,521.94	-22.66	-1,291.40	393.38	7.07	461,810.18	728,701.02
10,050.00	84.01	307.10	9,087.97	5,527.27	6.08	-1,331.95	433.62	7.07	461,838.92	728,660.47
10,100.00	84.30	310.64	9,093.07	5,532.37	37.29	-1,370.67	475.61	7.07	461,870.13	728,621.75
10,150.00	84.61	314.18	9,097.90	5,537.20	70.85	-1,407.41	519.19	7.07	461,903.69	728,585.01
10,200.00	84.95	317.71	9,102.45	5,541.75	106.63	-1,442.03	564.20	7.07	461,939.47	728,550.39
10,250.00	85.30	321.24	9,106.70	5,546.00	144.49	-1,474.40	610.45	7.07	461,977.33	728,518.02
10,300.00	85.67	324.77	9,110.63	5,549.93	184.29	-1,504.38	657.78	7.07	462,017.13	728,488.04
10,350.00	86.06	328.29	9,114.24	5,553.54	225.89	-1,531.88	706.00	7.07	462,058.73	728,460.54
10,400.00	86.46	331.81	9,117.50	5,556.80	269.11	-1,556.79	754.93	7.07	462,101.95	728,435.63
10,450.00	86.88	335.33	9,120.40	5,559.70	313.81	-1,579.00	804.39	7.07	462,146.65	728,413.42
10,500.00	87.31	338.84	9,122.94	5,562.24	359.79	-1,598.44	854.19	7.07	462,192.63	728,393.98
10,550.00	87.74	342.36	9,125.10	5,564.40	406.90	-1,615.03	904.13	7.07	462,239.74	728,377.39
10,600.00	88.19	345.87	9,126.87	5,566.17	454.96	-1,628.71	954.03	7.07	462,287.80	728,363.71
10,650.00	88.64	349.37	9,128.25	5,567.55	503.77	-1,639.42	1,003.69	7.07	462,336.61	728,353.00
10,700.00	89.10	352.88	9,129.24	5,568.54	553.15	-1,647.13	1,052.94	7.07	462,385.99	728,345.29
10,750.00	89.56	356.39	9,129.82	5,569.12	602.92	-1,651.81	1,101.57	7.07	462,435.76	728,340.61



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #6H
WELL @ 3560.70ft (25' KB)
WELL @ 3560.70ft (25' KB)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
10,797.28	90.00	359.70	9,130.00	5,569.30	650.17	-1,653.42	1,146.84	7.07	462,483.01	728,339.00
10,800.00	90.00	359.70	9,130.00	5,569.30	652.89	-1,653.43	1,149.41	0.00	462,485.73	728,338.99
10,900.00	90.00	359.70	9,130.00	5,569.30	752.88	-1,653.96	1,244.28	0.00	462,585.72	728,338.46
11,000.00	90.00	359.70	9,130.00	5,569.30	852.88	-1,654.48	1,339.15	0.00	462,685.72	728,337.94
11,100.00	90.00	359.70	9,130.00	5,569.30	952.88	-1,655.00	1,434.01	0.00	462,785.72	728,337.42
11,200.00	90.00	359.70	9,130.00	5,569.30	1,052.88	-1,655.53	1,528.88	0.00	462,885.72	728,336.89
11,300.00	90.00	359.70	9,130.00	5,569.30	1,152.88	-1,656.05	1,623.75	0.00	462,985.72	728,336.37
11,400.00	90.00	359.70	9,130.00	5,569.30	1,252.88	-1,656.57	1,718.61	0.00	463,085.72	728,335.85
11,500.00	90.00	359.70	9,130.00	5,569.30	1,352.88	-1,657.10	1,813.48	0.00	463,185.72	728,335.32
11,600.00	90.00	359.70	9,130.00	5,569.30	1,452.87	-1,657.62	1,908.35	0.00	463,285.71	728,334.80
11,700.00	90.00	359.70	9,130.00	5,569.30	1,552.87	-1,658.14	2,003.21	0.00	463,385.71	728,334.28
11,800.00	90.00	359.70	9,130.00	5,569.30	1,652.87	-1,658.66	2,098.08	0.00	463,485.71	728,333.76
11,900.00	90.00	359.70	9,130.00	5,569.30	1,752.87	-1,659.19	2,192.95	0.00	463,585.71	728,333.23
12,000.00	90.00	359.70	9,130.00	5,569.30	1,852.87	-1,659.71	2,287.82	0.00	463,685.71	728,332.71
12,100.00	90.00	359.70	9,130.00	5,569.30	1,952.87	-1,660.23	2,382.68	0.00	463,785.71	728,332.19
12,200.00	90.00	359.70	9,130.00	5,569.30	2,052.87	-1,660.76	2,477.55	0.00	463,885.71	728,331.66
12,300.00	90.00	359.70	9,130.00	5,569.30	2,152.86	-1,661.28	2,572.42	0.00	463,985.70	728,331.14
12,400.00	90.00	359.70	9,130.00	5,569.30	2,252.86	-1,661.80	2,667.28	0.00	464,085.70	728,330.62
12,500.00	90.00	359.70	9,130.00	5,569.30	2,352.86	-1,662.33	2,762.15	0.00	464,185.70	728,330.09
12,600.00	90.00	359.70	9,130.00	5,569.30	2,452.86	-1,662.85	2,857.02	0.00	464,285.70	728,329.57
12,700.00	90.00	359.70	9,130.00	5,569.30	2,552.86	-1,663.37	2,951.88	0.00	464,385.70	728,329.05
12,800.00	90.00	359.70	9,130.00	5,569.30	2,652.86	-1,663.89	3,046.75	0.00	464,485.70	728,328.53
12,900.00	90.00	359.70	9,130.00	5,569.30	2,752.86	-1,664.42	3,141.62	0.00	464,585.70	728,328.00
13,000.00	90.00	359.70	9,130.00	5,569.30	2,852.85	-1,664.94	3,236.48	0.00	464,685.69	728,327.48
13,100.00	90.00	359.70	9,130.00	5,569.30	2,952.85	-1,665.46	3,331.35	0.00	464,785.69	728,326.96
13,200.00	90.00	359.70	9,130.00	5,569.30	3,052.85	-1,665.99	3,426.22	0.00	464,885.69	728,326.43
13,300.00	90.00	359.70	9,130.00	5,569.30	3,152.85	-1,666.51	3,521.09	0.00	464,985.69	728,325.91



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #6H
WELL @ 3560.70ft (25' KB)
WELL @ 3560.70ft (25' KB)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
13,400.00	90.00	359.70	9,130.00	5,569.30	3,252.85	-1,667.03	3,615.95	0.00	465,085.69	728,325.39
13,500.00	90.00	359.70	9,130.00	5,569.30	3,352.85	-1,667.56	3,710.82	0.00	465,185.69	728,324.86
13,600.00	90.00	359.70	9,130.00	5,569.30	3,452.85	-1,668.08	3,805.69	0.00	465,285.69	728,324.34
13,700.00	90.00	359.70	9,130.00	5,569.30	3,552.85	-1,668.60	3,900.55	0.00	465,385.69	728,323.82
13,800.00	90.00	359.70	9,130.00	5,569.30	3,652.84	-1,669.12	3,995.42	0.00	465,485.68	728,323.30
13,900.00	90.00	359.70	9,130.00	5,569.30	3,752.84	-1,669.65	4,090.29	0.00	465,585.68	728,322.77
14,000.00	90.00	359.70	9,130.00	5,569.30	3,852.84	-1,670.17	4,185.15	0.00	465,685.68	728,322.25
14,100.00	90.00	359.70	9,130.00	5,569.30	3,952.84	-1,670.69	4,280.02	0.00	465,785.68	728,321.73
14,200.00	90.00	359.70	9,130.00	5,569.30	4,052.84	-1,671.22	4,374.89	0.00	465,885.68	728,321.20
14,300.00	90.00	359.70	9,130.00	5,569.30	4,152.84	-1,671.74	4,469.75	0.00	465,985.68	728,320.68
14,400.00	90.00	359.70	9,130.00	5,569.30	4,252.84	-1,672.26	4,564.62	0.00	466,085.68	728,320.16
14,500.00	90.00	359.70	9,130.00	5,569.30	4,352.83	-1,672.79	4,659.49	0.00	466,185.67	728,319.63
14,600.00	90.00	359.70	9,130.00	5,569.30	4,452.83	-1,673.31	4,754.36	0.00	466,285.67	728,319.11
14,700.00	90.00	359.70	9,130.00	5,569.30	4,552.83	-1,673.83	4,849.22	0.00	466,385.67	728,318.59
14,800.00	90.00	359.70	9,130.00	5,569.30	4,652.83	-1,674.36	4,944.09	0.00	466,485.67	728,318.06
14,900.00	90.00	359.70	9,130.00	5,569.30	4,752.83	-1,674.88	5,038.96	0.00	466,585.67	728,317.54
15,000.00	90.00	359.70	9,130.00	5,569.30	4,852.83	-1,675.40	5,133.82	0.00	466,685.67	728,317.02
15,087.72	90.00	359.70	9,130.00	5,569.30	4,940.55	-1,675.86	5,217.04	0.00	466,773.39	728,316.56



Pathfinder
Pathfinder X & Y Planning Report



Company:	Devon Energy, Inc.	Well #6H
Project:	Eddy County	WELL @ 3560.70ft (25' KB)
Site:	Aldabra "25" Fed	WELL @ 3560.70ft (25' KB)
Well:	#6H	Grid
Wellbore:	OH	Minimum Curvature
Design:	Plan #1	Midland Database

Targets		Local Co-ordinate Reference:				Well #6H	
Target Name		TVD Reference:				WELL @ 3560.70ft (25' KB)	
- hit/miss target		MD Reference:				WELL @ 3560.70ft (25' KB)	
- Shape		North Reference:				Grid	
		Survey Calculation Method:				Minimum Curvature	
		Database:				Midland Database	
		Northing (ft)		Easting (ft)		Latitude	
		+N/-S (ft)		+E/-W (ft)		Longitude	
		TVD (ft)		Dip Dir. (°)		Dip Angle (°)	
PBHL(ALD25#6)		9,130.00		4,940.55		-1,675.86	
- plan hits target center		0.00		0.00		0.00	
- Point							
HEal TGT(ALD25#6)		9,130.00		650.17		-1,653.42	
- plan hits target center		0.00		0.00		0.00	
- Point							

Checked By: _____	Approved By: _____	Date: _____
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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
⁴ Property Code	⁵ Property Name ALDABRA "25" FED.	⁶ Well Number 7H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3535.9

¹⁰ Surface Location

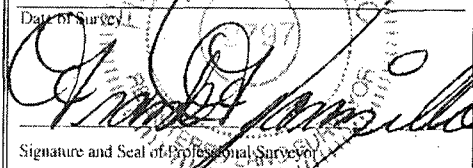
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	25	23 S	31 E		200	SOUTH	1000	EAST	EDDY

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	25	23 S	31 E		330	NORTH	1000	EAST	EDDY

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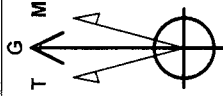
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 25 LAT. = 32°16'58.20"N LONG. = 103°44'24.25"W NMSP EAST (FT) N = 467084.84 E = 724686.25	TOE TARGET LAT. = 32°16'54.91"N LONG. = 103°43'34.42"W NMSP EAST (FT) N = 466776.72 E = 728966.57	TOE TARGET 1000' 330' NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84	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 _____ Date _____ Printed Name _____
ALDABRA "25" FED. #7H ELEV. = 3535.9' LAT. = 32°16'07.922"N (NAD83) LONG. = 103°43'34.450"W NMSP EAST (FT) N = 462026.88 E = 728991.24			
SW CORNER SEC. 25 LAT. = 32°16'05.93"N LONG. = 103°44'24.27"W NMSP EAST (FT) N = 461801.94 E = 724713.65	HEAL TARGET LAT. = 32°16'12.47"N LONG. = 103°43'34.44"W NMSP EAST (FT) N = 462486.89 E = 728989.01	SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42	
SURFACE LOCATION 200' 1000' 1000' 660'			
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. SEPTEMBER 20, 2010 Date of Survey: _____ Signature and Seal of Professional Surveyor:  Certificate Number: CLINTON H. JARAMILLO, PLS 12797 SURVEY NO. 223			



Project: Eddy County
Site: Aldabra "25" Fed
Well: #7H
Wellbore: OH
Plan: Plan #1 (#7H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.40°
Magnetic Field
Strength: 48725.2nT
Dip Angle: 60.24°
Date: 10/18/2010
Model: IGRF200510



A Schlumberger Company
West(-)/East(+) (200 ft/in)

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/S	+E/W	DLeg	TFace	Target
1	8205.00	0.00	0.00	8205.00	0.00	0.00	0.00	0.00	0.00
2	8205.00	0.00	0.00	8205.00	0.00	0.00	0.00	0.00	0.00
3	8453.23	19.42	179.86	8453.77	-30.22	0.18	11.01	179.86	-30.22
4	9459.00	90.00	359.70	9155.00	460.01	-2.23	11.01	-179.96	460.02
5	13748.88	90.00	359.70	9155.00	4749.84	-24.67	0.00	4749.90	PBHL(ALD25#7)

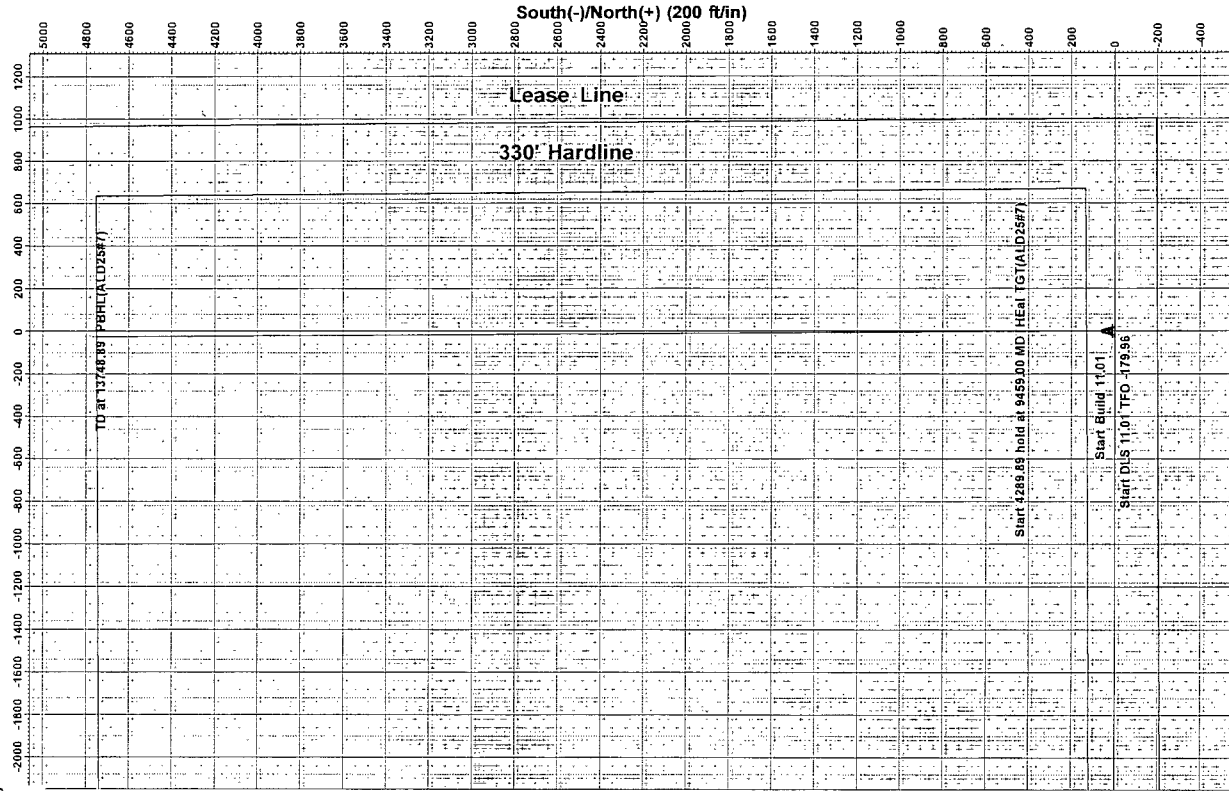
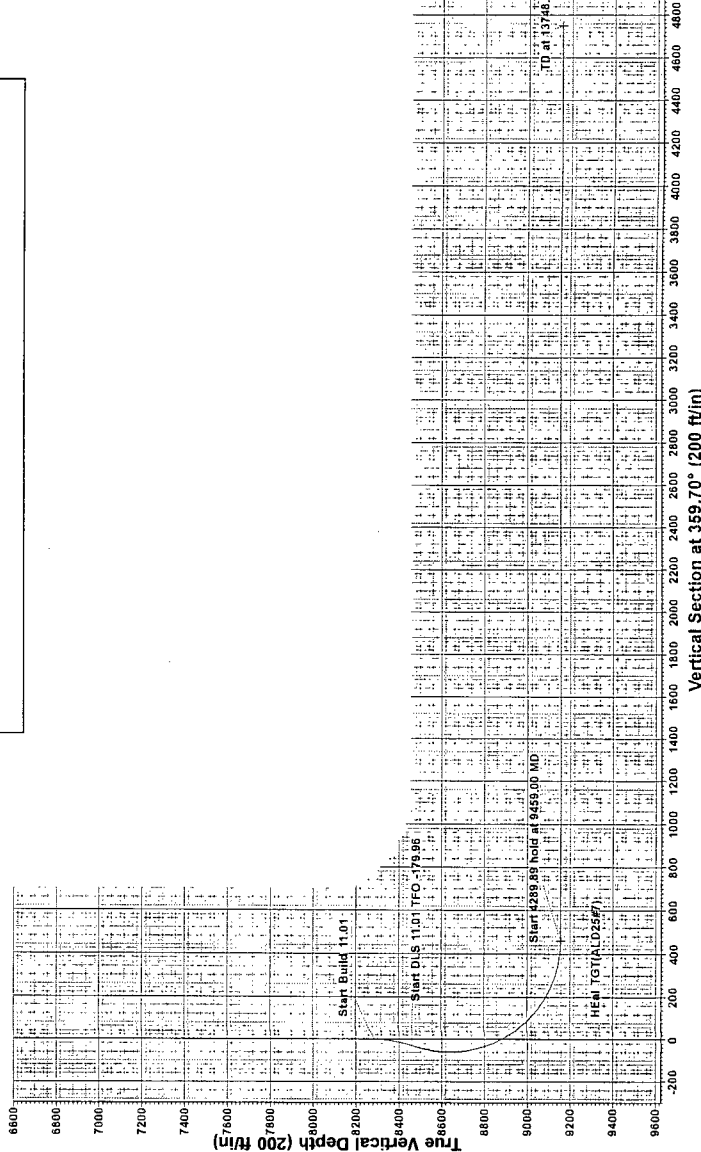
WELL DETAILS: #7H

Ground Elevation: 3535.90
RNB Elevation: WELL @ 3560.90ft (Original Well Elev)
Rig Name: Original Well Elev

	+N/S	+E/W	Northing	Easting	Latitude	Longitude	Slot
	0.00	0.00	462026.880	728991.240	32° 16' 7.419 N	103° 43' 34.330 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

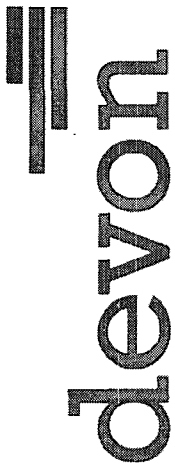
Name	TVD	+N/S	+E/W	Northing	Easting	Shape
HEAL TGT(ALD25#7)	9155.00	460.01	-2.23	462486.880	728989.010	Point
PBHL(ALD25#7)	9155.00	4749.84	-24.67	466776.720	728966.570	Point



Vertical Section at 359.70° (200 ft/in)

Plan: Plan #1 (#7H/OH)

Created By: Nate Bingham Date: 11:54, October 18 2010



Devon Energy, Inc.

Eddy County

Aldabra "25" Fed

#7H

OH

Plan: Plan #1

Pathfinder X & Y Planning Report

18 October, 2010

PATHFINDER®

A Schlumberger Company



Pathfinder
Pathfinder X & Y Planning Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #7H
Project:	Eddy County	TVD Reference:	WELL @ 3560.90ft (Original Well Elev)
Site:	Aldabra "25" Fed	MD Reference:	WELL @ 3560.90ft (Original Well Elev)
Well:	#7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Midland Database

Project	Eddy County	System Datum:	Mean Sea Level
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Aldabra "25" Fed	Northings:	462,005.540 ft	Latitude:	32° 16' 7.410 N
Site Position:	Map	Easting:	725,347.710 ft	Longitude:	103° 44' 16.767 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.32 °

Well	#7H	Northings:	462,026.880 ft	Latitude:	32° 16' 7.419 N
Well Position	+N/-S	Easting:	728,991.240 ft	Longitude:	103° 43' 34.330 W
Position Uncertainty	2.00 ft	Wellhead Elevation:	ft	Ground Level:	3,535.90 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/18/10	7.73	60.24	48,725

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	359.70	

Survey Tool Program	Date	10/18/10			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	13,748.89	Plan #1 (OH)	Pathfinder	Pathfinder MWD	



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #7H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #7H
WELL @ 3560.90ft (Original Well Elev)
WELL @ 3560.90ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,560.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
100.00	0.00	0.00	100.00	-3,460.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
200.00	0.00	0.00	200.00	-3,360.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
300.00	0.00	0.00	300.00	-3,260.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
400.00	0.00	0.00	400.00	-3,160.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
500.00	0.00	0.00	500.00	-3,060.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
600.00	0.00	0.00	600.00	-2,960.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
700.00	0.00	0.00	700.00	-2,860.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
800.00	0.00	0.00	800.00	-2,760.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
900.00	0.00	0.00	900.00	-2,660.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,000.00	0.00	0.00	1,000.00	-2,560.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,100.00	0.00	0.00	1,100.00	-2,460.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,200.00	0.00	0.00	1,200.00	-2,360.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,300.00	0.00	0.00	1,300.00	-2,260.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,400.00	0.00	0.00	1,400.00	-2,160.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,500.00	0.00	0.00	1,500.00	-2,060.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,600.00	0.00	0.00	1,600.00	-1,960.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,700.00	0.00	0.00	1,700.00	-1,860.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,800.00	0.00	0.00	1,800.00	-1,760.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
1,900.00	0.00	0.00	1,900.00	-1,660.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,000.00	0.00	0.00	2,000.00	-1,560.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,100.00	0.00	0.00	2,100.00	-1,460.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,200.00	0.00	0.00	2,200.00	-1,360.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,300.00	0.00	0.00	2,300.00	-1,260.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,400.00	0.00	0.00	2,400.00	-1,160.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,500.00	0.00	0.00	2,500.00	-1,060.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,600.00	0.00	0.00	2,600.00	-960.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #7H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #7H
WELL @ 3560.90ft (Original Well Elev)
WELL @ 3560.90ft (Original Well Elev)
Grid:
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-860.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,800.00	0.00	0.00	2,800.00	-760.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
2,900.00	0.00	0.00	2,900.00	-660.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,000.00	0.00	0.00	3,000.00	-560.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,100.00	0.00	0.00	3,100.00	-460.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,200.00	0.00	0.00	3,200.00	-360.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,300.00	0.00	0.00	3,300.00	-260.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,400.00	0.00	0.00	3,400.00	-160.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,500.00	0.00	0.00	3,500.00	-60.90	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,600.00	0.00	0.00	3,600.00	39.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,700.00	0.00	0.00	3,700.00	139.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,800.00	0.00	0.00	3,800.00	239.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
3,900.00	0.00	0.00	3,900.00	339.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,000.00	0.00	0.00	4,000.00	439.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,100.00	0.00	0.00	4,100.00	539.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,200.00	0.00	0.00	4,200.00	639.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,300.00	0.00	0.00	4,300.00	739.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,400.00	0.00	0.00	4,400.00	839.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,500.00	0.00	0.00	4,500.00	939.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,600.00	0.00	0.00	4,600.00	1,039.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,700.00	0.00	0.00	4,700.00	1,139.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,800.00	0.00	0.00	4,800.00	1,239.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
4,900.00	0.00	0.00	4,900.00	1,339.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,000.00	0.00	0.00	5,000.00	1,439.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,100.00	0.00	0.00	5,100.00	1,539.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,200.00	0.00	0.00	5,200.00	1,639.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,300.00	0.00	0.00	5,300.00	1,739.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #7H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
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North Reference:
Survey Calculation Method:
Database:

Well #7H
WELL @ 3560.90ft (Original Well Elev)
WELL @ 3560.90ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,839.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,500.00	0.00	0.00	5,500.00	1,939.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,600.00	0.00	0.00	5,600.00	2,039.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,700.00	0.00	0.00	5,700.00	2,139.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,800.00	0.00	0.00	5,800.00	2,239.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
5,900.00	0.00	0.00	5,900.00	2,339.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,000.00	0.00	0.00	6,000.00	2,439.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,100.00	0.00	0.00	6,100.00	2,539.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,200.00	0.00	0.00	6,200.00	2,639.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,300.00	0.00	0.00	6,300.00	2,739.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,400.00	0.00	0.00	6,400.00	2,839.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,500.00	0.00	0.00	6,500.00	2,939.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,600.00	0.00	0.00	6,600.00	3,039.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,700.00	0.00	0.00	6,700.00	3,139.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,800.00	0.00	0.00	6,800.00	3,239.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
6,900.00	0.00	0.00	6,900.00	3,339.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,000.00	0.00	0.00	7,000.00	3,439.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,100.00	0.00	0.00	7,100.00	3,539.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,200.00	0.00	0.00	7,200.00	3,639.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,300.00	0.00	0.00	7,300.00	3,739.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,400.00	0.00	0.00	7,400.00	3,839.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,500.00	0.00	0.00	7,500.00	3,939.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,600.00	0.00	0.00	7,600.00	4,039.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,700.00	0.00	0.00	7,700.00	4,139.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,800.00	0.00	0.00	7,800.00	4,239.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
7,900.00	0.00	0.00	7,900.00	4,339.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
8,000.00	0.00	0.00	8,000.00	4,439.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24



Pathfinder

Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
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Site: Aldabra "25" Fed
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Design: Plan #1

Local Co-ordinate Reference:
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Well #7H
WELL @ 3560.90ft (Original Well Elev)
WELL @ 3560.90ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
8,100.00	0.00	0.00	8,100.00	4,539.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
8,200.00	0.00	0.00	8,200.00	4,639.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
8,285.00	0.00	0.00	8,285.00	4,724.10	0.00	0.00	0.00	0.00	462,026.88	728,991.24
8,300.00	1.65	179.66	8,300.00	4,739.10	-0.22	0.00	-0.22	11.01	462,026.66	728,991.24
8,350.00	7.16	179.66	8,349.83	4,788.93	-4.05	0.02	-4.05	11.01	462,022.83	728,991.26
8,400.00	12.66	179.66	8,399.07	4,838.17	-12.65	0.07	-12.65	11.01	462,014.23	728,991.31
8,450.00	18.16	179.66	8,447.25	4,886.35	-25.94	0.15	-25.94	11.01	462,000.94	728,991.39
8,463.23	19.62	179.66	8,459.77	4,898.87	-30.22	0.18	-30.22	11.01	461,996.66	728,991.42
8,500.00	15.57	179.65	8,494.81	4,933.91	-41.33	0.24	-41.33	11.01	461,985.55	728,991.48
8,550.00	10.07	179.63	8,543.54	4,982.64	-52.43	0.31	-52.43	11.01	461,974.45	728,991.55
8,600.00	4.57	179.54	8,593.12	5,032.22	-58.79	0.36	-58.79	11.01	461,968.09	728,991.60
8,650.00	0.94	0.49	8,643.07	5,082.17	-60.37	0.38	-60.37	11.01	461,966.51	728,991.62
8,700.00	6.44	359.81	8,692.95	5,132.05	-57.15	0.37	-57.16	11.01	461,969.73	728,991.61
8,750.00	11.95	359.76	8,742.29	5,181.39	-49.17	0.34	-49.17	11.01	461,977.71	728,991.58
8,800.00	17.45	359.74	8,790.63	5,229.73	-36.48	0.28	-36.48	11.01	461,990.40	728,991.52
8,850.00	22.96	359.73	8,837.54	5,276.64	-19.22	0.21	-19.22	11.01	462,007.66	728,991.45
8,900.00	28.46	359.72	8,882.57	5,321.67	2.46	0.10	2.46	11.01	462,029.34	728,991.34
8,950.00	33.97	359.72	8,925.32	5,364.42	28.36	-0.02	28.36	11.01	462,055.24	728,991.22
9,000.00	39.47	359.72	8,965.38	5,404.48	58.24	-0.17	58.24	11.01	462,085.12	728,991.07
9,050.00	44.97	359.71	9,002.39	5,441.49	91.83	-0.34	91.83	11.01	462,118.71	728,990.90
9,100.00	50.48	359.71	9,036.02	5,475.12	128.81	-0.52	128.81	11.01	462,155.69	728,990.72
9,150.00	55.98	359.71	9,065.93	5,505.03	168.85	-0.73	168.85	11.01	462,195.73	728,990.51
9,200.00	61.49	359.71	9,091.87	5,530.97	211.57	-0.94	211.57	11.01	462,238.45	728,990.30
9,250.00	66.99	359.71	9,113.60	5,552.70	256.58	-1.18	256.59	11.01	462,283.46	728,990.06
9,300.00	72.50	359.70	9,130.90	5,570.00	303.47	-1.42	303.47	11.01	462,330.35	728,989.82
9,350.00	78.00	359.70	9,143.63	5,582.73	351.80	-1.67	351.81	11.01	462,378.68	728,989.57
9,400.00	83.50	359.70	9,151.66	5,590.76	401.13	-1.92	401.14	11.01	462,428.01	728,989.32

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #7H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #7H
TVD Reference: WELL @ 3560.90ft (Original Well Elev)
MD Reference: WELL @ 3560.90ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
9,450.00	89.01	359.70	9,154.92	5,594.02	451.01	-2.18	451.01	11.01	462,477.89	728,989.06
9,459.00	90.00	359.70	9,155.00	5,594.10	460.01	-2.23	460.02	11.01	462,486.89	728,989.01
9,500.00	90.00	359.70	9,155.00	5,594.10	501.01	-2.44	501.01	0.00	462,527.89	728,988.80
9,600.00	90.00	359.70	9,155.00	5,594.10	601.01	-2.97	601.01	0.00	462,627.89	728,988.27
9,700.00	90.00	359.70	9,155.00	5,594.10	701.00	-3.49	701.01	0.00	462,727.88	728,987.75
9,800.00	90.00	359.70	9,155.00	5,594.10	801.00	-4.01	801.01	0.00	462,827.88	728,987.23
9,900.00	90.00	359.70	9,155.00	5,594.10	901.00	-4.54	901.01	0.00	462,927.88	728,986.70
10,000.00	90.00	359.70	9,155.00	5,594.10	1,001.00	-5.06	1,001.01	0.00	463,027.88	728,986.18
10,100.00	90.00	359.70	9,155.00	5,594.10	1,101.00	-5.58	1,101.01	0.00	463,127.88	728,985.66
10,200.00	90.00	359.70	9,155.00	5,594.10	1,201.00	-6.11	1,201.01	0.00	463,227.88	728,985.13
10,300.00	90.00	359.70	9,155.00	5,594.10	1,301.00	-6.63	1,301.01	0.00	463,327.88	728,984.61
10,400.00	90.00	359.70	9,155.00	5,594.10	1,400.99	-7.15	1,401.01	0.00	463,427.87	728,984.09
10,500.00	90.00	359.70	9,155.00	5,594.10	1,500.99	-7.68	1,501.01	0.00	463,527.87	728,983.56
10,600.00	90.00	359.70	9,155.00	5,594.10	1,600.99	-8.20	1,601.01	0.00	463,627.87	728,983.04
10,700.00	90.00	359.70	9,155.00	5,594.10	1,700.99	-8.72	1,701.01	0.00	463,727.87	728,982.52
10,800.00	90.00	359.70	9,155.00	5,594.10	1,800.99	-9.24	1,801.01	0.00	463,827.87	728,982.00
10,900.00	90.00	359.70	9,155.00	5,594.10	1,900.99	-9.77	1,901.01	0.00	463,927.87	728,981.47
11,000.00	90.00	359.70	9,155.00	5,594.10	2,000.99	-10.29	2,001.01	0.00	464,027.87	728,980.95
11,100.00	90.00	359.70	9,155.00	5,594.10	2,100.98	-10.81	2,101.01	0.00	464,127.86	728,980.43
11,200.00	90.00	359.70	9,155.00	5,594.10	2,200.98	-11.34	2,201.01	0.00	464,227.86	728,979.90
11,300.00	90.00	359.70	9,155.00	5,594.10	2,300.98	-11.86	2,301.01	0.00	464,327.86	728,979.38
11,400.00	90.00	359.70	9,155.00	5,594.10	2,400.98	-12.38	2,401.01	0.00	464,427.86	728,978.86
11,500.00	90.00	359.70	9,155.00	5,594.10	2,500.98	-12.91	2,501.01	0.00	464,527.86	728,978.33
11,600.00	90.00	359.70	9,155.00	5,594.10	2,600.98	-13.43	2,601.01	0.00	464,627.86	728,977.81
11,700.00	90.00	359.70	9,155.00	5,594.10	2,700.98	-13.95	2,701.01	0.00	464,727.86	728,977.29
11,800.00	90.00	359.70	9,155.00	5,594.10	2,800.98	-14.48	2,801.01	0.00	464,827.86	728,976.76
11,900.00	90.00	359.70	9,155.00	5,594.10	2,900.97	-15.00	2,901.01	0.00	464,927.85	728,976.24



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #7H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #7H
WELL @ 3560.90ft (Original Well Elev)
WELL @ 3560.90ft (Original Well Elev)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
12,000.00	90.00	359.70	9,155.00	5,594.10	3,000.97	-15.52	3,001.01	0.00	465,027.85	728,975.72
12,100.00	90.00	359.70	9,155.00	5,594.10	3,100.97	-16.04	3,101.01	0.00	465,127.85	728,975.20
12,200.00	90.00	359.70	9,155.00	5,594.10	3,200.97	-16.57	3,201.01	0.00	465,227.85	728,974.67
12,300.00	90.00	359.70	9,155.00	5,594.10	3,300.97	-17.09	3,301.01	0.00	465,327.85	728,974.15
12,400.00	90.00	359.70	9,155.00	5,594.10	3,400.97	-17.61	3,401.01	0.00	465,427.85	728,973.63
12,500.00	90.00	359.70	9,155.00	5,594.10	3,500.97	-18.14	3,501.01	0.00	465,527.85	728,973.10
12,600.00	90.00	359.70	9,155.00	5,594.10	3,600.96	-18.66	3,601.01	0.00	465,627.84	728,972.58
12,700.00	90.00	359.70	9,155.00	5,594.10	3,700.96	-19.18	3,701.01	0.00	465,727.84	728,972.06
12,800.00	90.00	359.70	9,155.00	5,594.10	3,800.96	-19.71	3,801.01	0.00	465,827.84	728,971.53
12,900.00	90.00	359.70	9,155.00	5,594.10	3,900.96	-20.23	3,901.01	0.00	465,927.84	728,971.01
13,000.00	90.00	359.70	9,155.00	5,594.10	4,000.96	-20.75	4,001.01	0.00	466,027.84	728,970.49
13,100.00	90.00	359.70	9,155.00	5,594.10	4,100.96	-21.28	4,101.01	0.00	466,127.84	728,969.96
13,200.00	90.00	359.70	9,155.00	5,594.10	4,200.96	-21.80	4,201.01	0.00	466,227.84	728,969.44
13,300.00	90.00	359.70	9,155.00	5,594.10	4,300.95	-22.32	4,301.01	0.00	466,327.83	728,968.92
13,400.00	90.00	359.70	9,155.00	5,594.10	4,400.95	-22.84	4,401.01	0.00	466,427.83	728,968.40
13,500.00	90.00	359.70	9,155.00	5,594.10	4,500.95	-23.37	4,501.01	0.00	466,527.83	728,967.87
13,600.00	90.00	359.70	9,155.00	5,594.10	4,600.95	-23.89	4,601.01	0.00	466,627.83	728,967.35
13,700.00	90.00	359.70	9,155.00	5,594.10	4,700.95	-24.41	4,701.01	0.00	466,727.83	728,966.83
13,748.89	90.00	359.70	9,155.00	5,594.10	4,749.84	-24.67	4,749.90	0.00	466,776.72	728,966.57



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #7H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference: WELL @ 3560.90ft (Original Well Elev)
MD Reference: WELL @ 3560.90ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Well #7H

Targets

Target Name
- hit/miss target
- Shape

Dip Angle
(°)

Dip Dir.
(°)

TVD
(ft)

+N/-S
(ft)

+E/-W
(ft)

Northing
(ft)

Easting
(ft)

Latitude

Longitude

PBHL(ALD25#7)
- plan hits target center
- Point
HEal TGT(ALD25#7)
- plan hits target center
- Point

0.00

0.00

9,155.00

4,749.84

-24.67

466,776.720

728,966.570

32° 16' 54.422 N

103° 43' 34.305 W

Checked By: _____

Approved By: _____

Date: _____

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
⁴ Property Code	⁵ Property Name ALDABRA "25" FED.	⁶ Well Number 8H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3537.6

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
P	25	23 S	31 E		200	SOUTH	950	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	25	23 S	31 E		330	NORTH	400	EAST	EDDY

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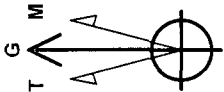
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 25 LAT. = 32°16'58.20"N LONG. = 103°44'24.25"W NMSP EAST (FT) N = 467084.84 E = 724686.25	TOE TARGET LAT. = 32°16'54.91"N LONG. = 103°43'27.44"W NMSP EAST (FT) N = 466779.80 E = 729566.58	TOE TARGET 400' 330'	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. Signature _____ Date _____ Printed Name _____	
NE CORNER SEC. 25 LAT. = 32°16'58.17"N LONG. = 103°43'22.78"W NMSP EAST (FT) N = 467111.87 E = 729964.84	ALDABRA "25" FED. #BH ELEV. = 3537.6' LAT. = 32°16'07.922"N (NAD83) LONG. = 103°43'33.866"W NMSP EAST (FT) N = 462027.19 E = 729041.35	SE CORNER SEC. 25 LAT. = 32°16'05.94"N LONG. = 103°43'22.80"W NMSP EAST (FT) N = 461832.84 E = 729992.42		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. SEPTEMBER 26, 2010 Date of Survey _____ Signature and Seal of Professional Surveyor Certificate Number: FRANCO P. VILLAMILLO, PLS 12797 SURVEY NO. 224
SW CORNER SEC. 25 LAT. = 32°16'05.93"N LONG. = 103°44'24.27"W NMSP EAST (FT) N = 461801.94 E = 724713.65	HEAL TARGET LAT. = 32°16'12.47"N LONG. = 103°43'27.46"W NMSP EAST (FT) N = 462490.47 E = 729589.01	HEAL TARGET 400' 950'		



Project: Eddy County
Site: Aldabra "25" Fed
Well: #8H
Wellbore: OH
Plan: Plan #1 (#8H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid

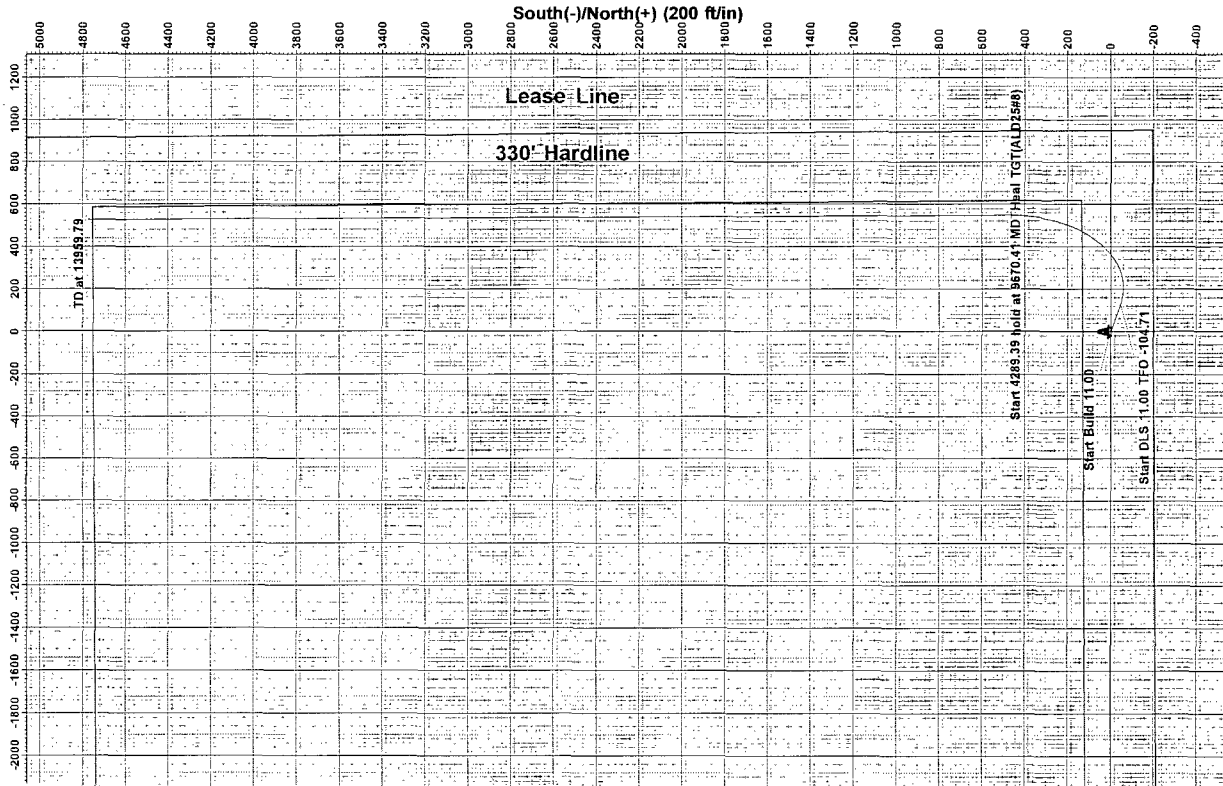


Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.40°
Magnetic Field
Strength: 48725.2nT
Dip Angle: 60.24°
Date: 10/18/2010
Model: IGRF200510



A Schlumberger Company

West(-)/East(+) (200 ft/in)



SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8732.41	42.74	109.37	8597.36	-45.87	130.43	11.00	109.37	-31.26
3	8732.41	42.74	109.37	8597.36	-45.87	130.43	11.00	109.37	-31.26
4	9670.41	90.00	359.70	9180.00	453.28	547.66	11.00	-104.71	520.63
5	13359.79	90.00	359.70	9180.00	4752.61	525.23	0.00	0.00	4781.54

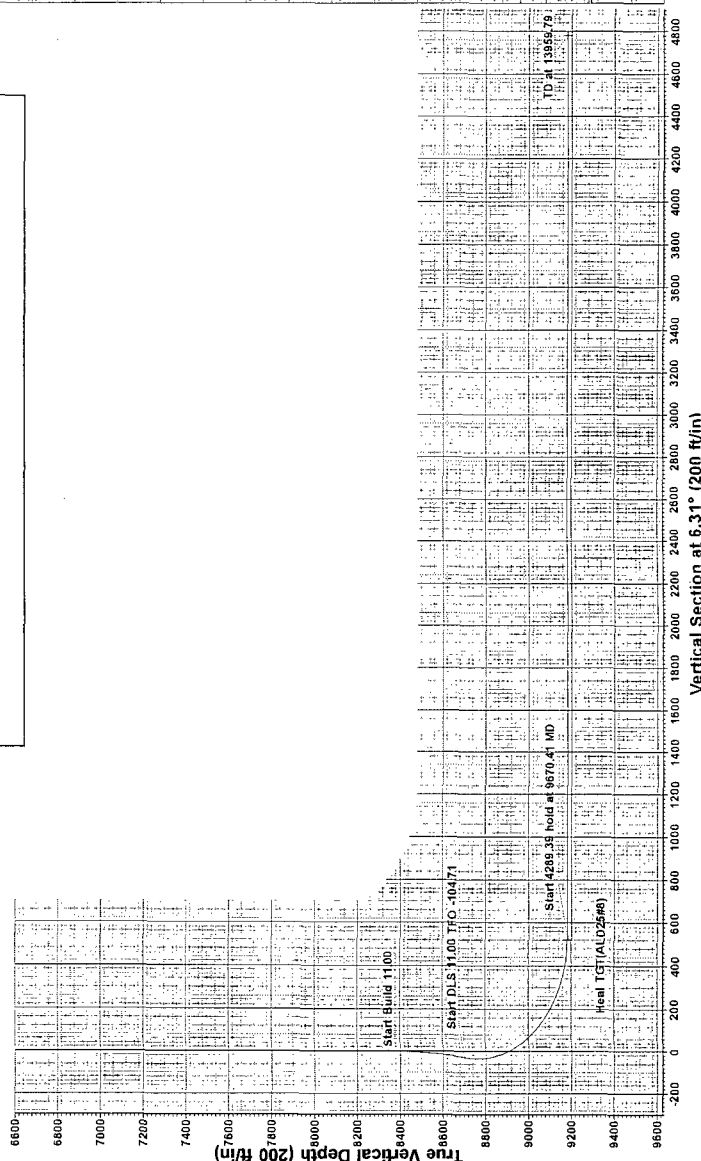
WELL DETAILS: #8H

Ground Elevation: 3537.60
RKB Elevation: WELL @ 3552.60ft (25' KB Correction)
Rig Name: 25' KB Correction

	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
	0.00	0.00	462027.196	729041.350	32° 16' 7.419 N	103° 43' 33.747 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

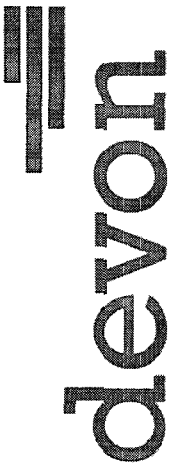
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Heal TGT(25#8)	453.28	547.66	482490.470	729569.010	Point	
PBH(ALD25#8)	4752.61	525.23	468779.800	729566.580	Point	



Vertical Section at 6.31° (200 ft/in)

Plan: Plan #1 (#8H/OH)

Created By: Nate Bingham Date: 16.04. October 18 2010



Devon Energy, Inc.

Eddy County

Aldabra "25" Fed

#8H

OH

Plan: Plan #1

Pathfinder X & Y Planning Report

18 October, 2010

PATHFINDER[®]

A Schlumberger Company



Pathfinder
Pathfinder X & Y Planning Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #8H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #8H
WELL @ 3562.60ft (25' KB Correction)
WELL @ 3562.60ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Project: Eddy County
Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site: Aldabra "25" Fed

Site Position: Northing: 462,005.540 ft Latitude: 32° 16' 7.410 N
From: Easting: 725,347.710 ft Longitude: 103° 44' 16.767 W
Position Uncertainty: Slot Radius: 0.00 ft Grid Convergence: 0.32 °

Well: #8H
Well Position: +N/-S 0.00 ft Northing: 462,027.190 ft Latitude: 32° 16' 7.419 N
+E/-W 0.00 ft Easting: 729,041.350 ft Longitude: 103° 43' 33.747 W
Position Uncertainty: Wellhead Elevation: ft Ground Level: 3,537.60 ft

Wellbore: OH

Magnetics: Model Name Sample Date Declination (°) Dip Angle (°) Field Strength (nT)
IGRF200510 10/18/10 7.73 60.24 48,725

Design: Plan #1

Audit Notes:

Version:

Vertical Section: Depth From (TVD) (ft) Phase: PLAN Tie On Depth: 0.00
+N/-S (ft) +E/-W (ft) Direction (°)
0.00 0.00 6.31

Survey Tool Program Date 10/18/10

From (ft) To (ft) Survey (Wellbore) Tool Name Description
0.00 13,959.76 Plan #1 (OH) Pathfinder Pathfinder MWD



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #8H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #8H
WELL @ 3562.60ft (25' KB Correction)
WELL @ 3562.60ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
	0.00	0.00	0.00	0.00	-3,562.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	100.00	0.00	0.00	100.00	-3,462.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	200.00	0.00	0.00	200.00	-3,362.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	300.00	0.00	0.00	300.00	-3,262.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	400.00	0.00	0.00	400.00	-3,162.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	500.00	0.00	0.00	500.00	-3,062.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	600.00	0.00	0.00	600.00	-2,962.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	700.00	0.00	0.00	700.00	-2,862.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	800.00	0.00	0.00	800.00	-2,762.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	900.00	0.00	0.00	900.00	-2,662.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,000.00	0.00	0.00	1,000.00	-2,562.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,100.00	0.00	0.00	1,100.00	-2,462.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,200.00	0.00	0.00	1,200.00	-2,362.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,300.00	0.00	0.00	1,300.00	-2,262.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,400.00	0.00	0.00	1,400.00	-2,162.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,500.00	0.00	0.00	1,500.00	-2,062.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,600.00	0.00	0.00	1,600.00	-1,962.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,700.00	0.00	0.00	1,700.00	-1,862.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,800.00	0.00	0.00	1,800.00	-1,762.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	1,900.00	0.00	0.00	1,900.00	-1,662.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	2,000.00	0.00	0.00	2,000.00	-1,562.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	2,100.00	0.00	0.00	2,100.00	-1,462.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	2,200.00	0.00	0.00	2,200.00	-1,362.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	2,300.00	0.00	0.00	2,300.00	-1,262.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	2,400.00	0.00	0.00	2,400.00	-1,162.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	2,500.00	0.00	0.00	2,500.00	-1,062.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	2,600.00	0.00	0.00	2,600.00	-962.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #8H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #8H
WELL @ 3562.60ft (25' KB Correction)
WELL @ 3562.60ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-862.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
2,800.00	0.00	0.00	2,800.00	-762.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
2,900.00	0.00	0.00	2,900.00	-662.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,000.00	0.00	0.00	3,000.00	-562.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,100.00	0.00	0.00	3,100.00	-462.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,200.00	0.00	0.00	3,200.00	-362.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,300.00	0.00	0.00	3,300.00	-262.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,400.00	0.00	0.00	3,400.00	-162.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,500.00	0.00	0.00	3,500.00	-62.60	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,600.00	0.00	0.00	3,600.00	37.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,700.00	0.00	0.00	3,700.00	137.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,800.00	0.00	0.00	3,800.00	237.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
3,900.00	0.00	0.00	3,900.00	337.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,000.00	0.00	0.00	4,000.00	437.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,100.00	0.00	0.00	4,100.00	537.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,200.00	0.00	0.00	4,200.00	637.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,300.00	0.00	0.00	4,300.00	737.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,400.00	0.00	0.00	4,400.00	837.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,500.00	0.00	0.00	4,500.00	937.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,600.00	0.00	0.00	4,600.00	1,037.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,700.00	0.00	0.00	4,700.00	1,137.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,800.00	0.00	0.00	4,800.00	1,237.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
4,900.00	0.00	0.00	4,900.00	1,337.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
5,000.00	0.00	0.00	5,000.00	1,437.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
5,100.00	0.00	0.00	5,100.00	1,537.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
5,200.00	0.00	0.00	5,200.00	1,637.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
5,300.00	0.00	0.00	5,300.00	1,737.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

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Project: Eddy County
Site: Aldabra "25" Fed
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Wellbore: OH
Design: Plan #1

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Survey Calculation Method:
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Well #8H
WELL @ 3562.60ft (25' KB Correction)
WELL @ 3562.60ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey													
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5,400.00	0.00	0.00	5,400.00	1,837.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
5,500.00	0.00	0.00	5,500.00	1,937.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
5,600.00	0.00	0.00	5,600.00	2,037.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
5,700.00	0.00	0.00	5,700.00	2,137.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
5,800.00	0.00	0.00	5,800.00	2,237.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
5,900.00	0.00	0.00	5,900.00	2,337.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,000.00	0.00	0.00	6,000.00	2,437.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,100.00	0.00	0.00	6,100.00	2,537.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,200.00	0.00	0.00	6,200.00	2,637.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,300.00	0.00	0.00	6,300.00	2,737.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,400.00	0.00	0.00	6,400.00	2,837.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,500.00	0.00	0.00	6,500.00	2,937.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,600.00	0.00	0.00	6,600.00	3,037.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,700.00	0.00	0.00	6,700.00	3,137.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,800.00	0.00	0.00	6,800.00	3,237.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
6,900.00	0.00	0.00	6,900.00	3,337.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,000.00	0.00	0.00	7,000.00	3,437.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,100.00	0.00	0.00	7,100.00	3,537.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,200.00	0.00	0.00	7,200.00	3,637.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,300.00	0.00	0.00	7,300.00	3,737.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,400.00	0.00	0.00	7,400.00	3,837.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,500.00	0.00	0.00	7,500.00	3,937.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,600.00	0.00	0.00	7,600.00	4,037.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,700.00	0.00	0.00	7,700.00	4,137.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,800.00	0.00	0.00	7,800.00	4,237.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
7,900.00	0.00	0.00	7,900.00	4,337.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			
8,000.00	0.00	0.00	8,000.00	4,437.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35			

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #8H
Wellbore: OH
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Local Co-ordinate Reference:
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Well #8H
WELL @ 3562.60ft (25' KB Correction)
WELL @ 3562.60ft (25' KB Correction)
Grid
Minimum Curvature
Midland Database

Planned Survey	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
	8,100.00	0.00	0.00	8,100.00	4,537.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	8,200.00	0.00	0.00	8,200.00	4,637.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	8,300.00	0.00	0.00	8,300.00	4,737.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	8,344.00	0.00	0.00	8,344.00	4,781.40	0.00	0.00	0.00	0.00	462,027.19	729,041.35
	8,350.00	0.66	109.37	8,350.00	4,787.40	-0.01	0.03	-0.01	11.00	462,027.18	729,041.38
	8,400.00	6.16	109.37	8,399.89	4,837.29	-1.00	2.84	-0.68	11.00	462,026.19	729,044.19
	8,450.00	11.66	109.37	8,449.27	4,886.67	-3.57	10.14	-2.43	11.00	462,023.62	729,051.49
	8,500.00	17.16	109.37	8,497.68	4,935.08	-7.69	21.88	-5.24	11.00	462,019.50	729,063.23
	8,550.00	22.67	109.37	8,544.67	4,982.07	-13.34	37.94	-9.09	11.00	462,013.85	729,079.29
	8,600.00	28.17	109.37	8,589.81	5,027.21	-20.46	58.18	-13.94	11.00	462,006.73	729,099.53
	8,650.00	33.67	109.37	8,632.69	5,070.09	-28.98	82.40	-19.75	11.00	461,998.21	729,123.75
	8,700.00	39.17	109.37	8,672.91	5,110.31	-38.82	110.40	-26.46	11.00	461,988.37	729,151.75
	8,732.41	42.74	109.37	8,697.38	5,134.78	-45.87	130.43	-31.26	11.00	461,981.32	729,171.78
	8,750.00	42.28	106.59	8,710.35	5,147.75	-49.54	141.74	-33.67	11.00	461,977.65	729,183.09
	8,800.00	41.36	98.45	8,747.64	5,185.04	-56.77	174.22	-37.29	11.00	461,970.42	729,215.57
	8,850.00	41.02	90.11	8,785.30	5,222.70	-59.23	206.99	-36.14	11.00	461,967.96	729,248.34
	8,900.00	41.30	81.76	8,822.97	5,260.37	-56.90	239.76	-30.22	11.00	461,970.29	729,281.11
	8,950.00	42.16	73.59	8,860.31	5,297.71	-49.79	272.21	-19.58	11.00	461,977.40	729,313.56
	9,000.00	43.59	65.78	8,896.98	5,334.38	-37.96	304.05	-4.34	11.00	461,989.23	729,345.40
	9,050.00	45.51	58.42	8,932.64	5,370.04	-21.54	334.98	15.39	11.00	462,005.65	729,376.33
	9,100.00	47.87	51.59	8,966.95	5,404.35	-0.67	364.73	39.40	11.00	462,026.52	729,406.08
	9,150.00	50.61	45.29	8,999.61	5,437.01	24.46	393.01	67.49	11.00	462,051.65	729,434.36
	9,200.00	53.66	39.49	9,030.31	5,467.71	53.62	419.57	99.38	11.00	462,080.81	729,460.92
	9,250.00	56.97	34.14	9,058.77	5,496.17	86.53	444.16	134.80	11.00	462,113.72	729,485.51
	9,300.00	60.49	29.20	9,084.73	5,522.13	122.90	466.55	173.41	11.00	462,150.09	729,507.90
	9,350.00	64.19	24.59	9,107.95	5,545.35	162.39	486.55	214.85	11.00	462,189.58	729,527.90
	9,400.00	68.01	20.27	9,128.21	5,565.61	204.63	503.96	258.75	11.00	462,231.82	729,545.31



Pathfinder
Pathfinder X & Y Planning Report



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Well #8H
WELL @ 3562.60ft (25' KB Correction)
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Midland Database

Planned Survey													
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	North (ft)	East (ft)			
9,450.00	71.95	16.17	9,145.33	5,582.73	249.24	518.62	304.70	11.00	462,276.43	729,559.97			
9,500.00	75.97	12.26	9,159.15	5,596.55	295.81	530.40	352.28	11.00	462,323.00	729,571.75			
9,550.00	80.04	8.48	9,169.54	5,606.94	343.90	539.19	401.05	11.00	462,371.09	729,580.54			
9,600.00	84.16	4.80	9,176.41	5,613.81	393.08	544.91	450.55	11.00	462,420.27	729,586.26			
9,650.00	88.31	1.17	9,179.70	5,617.10	442.88	547.50	500.34	11.00	462,470.07	729,588.85			
9,670.41	90.00	359.70	9,180.00	5,617.40	463.28	547.66	520.63	11.00	462,490.47	729,589.01			
9,700.00	90.00	359.70	9,180.00	5,617.40	492.87	547.51	550.03	0.00	462,520.06	729,588.86			
9,800.00	90.00	359.70	9,180.00	5,617.40	592.87	546.98	649.37	0.00	462,620.06	729,588.33			
9,900.00	90.00	359.70	9,180.00	5,617.40	692.87	546.46	748.70	0.00	462,720.06	729,587.81			
10,000.00	90.00	359.70	9,180.00	5,617.40	792.87	545.94	848.04	0.00	462,820.06	729,587.29			
10,100.00	90.00	359.70	9,180.00	5,617.40	892.87	545.41	947.38	0.00	462,920.06	729,586.76			
10,200.00	90.00	359.70	9,180.00	5,617.40	992.87	544.89	1,046.71	0.00	463,020.06	729,586.24			
10,300.00	90.00	359.70	9,180.00	5,617.40	1,092.87	544.37	1,146.05	0.00	463,120.06	729,585.72			
10,400.00	90.00	359.70	9,180.00	5,617.40	1,192.86	543.84	1,245.39	0.00	463,220.05	729,585.19			
10,500.00	90.00	359.70	9,180.00	5,617.40	1,292.86	543.32	1,344.72	0.00	463,320.05	729,584.67			
10,600.00	90.00	359.70	9,180.00	5,617.40	1,392.86	542.80	1,444.06	0.00	463,420.05	729,584.15			
10,700.00	90.00	359.70	9,180.00	5,617.40	1,492.86	542.28	1,543.39	0.00	463,520.05	729,583.63			
10,800.00	90.00	359.70	9,180.00	5,617.40	1,592.86	541.75	1,642.73	0.00	463,620.05	729,583.10			
10,900.00	90.00	359.70	9,180.00	5,617.40	1,692.86	541.23	1,742.07	0.00	463,720.05	729,582.58			
11,000.00	90.00	359.70	9,180.00	5,617.40	1,792.86	540.71	1,841.40	0.00	463,820.05	729,582.06			
11,100.00	90.00	359.70	9,180.00	5,617.40	1,892.86	540.18	1,940.74	0.00	463,920.05	729,581.53			
11,200.00	90.00	359.70	9,180.00	5,617.40	1,992.85	539.66	2,040.07	0.00	464,020.04	729,581.01			
11,300.00	90.00	359.70	9,180.00	5,617.40	2,092.85	539.14	2,139.41	0.00	464,120.04	729,580.49			
11,400.00	90.00	359.70	9,180.00	5,617.40	2,192.85	538.62	2,238.75	0.00	464,220.04	729,579.97			
11,500.00	90.00	359.70	9,180.00	5,617.40	2,292.85	538.09	2,338.08	0.00	464,320.04	729,579.44			
11,600.00	90.00	359.70	9,180.00	5,617.40	2,392.85	537.57	2,437.42	0.00	464,420.04	729,578.92			
11,700.00	90.00	359.70	9,180.00	5,617.40	2,492.85	537.05	2,536.75	0.00	464,520.04	729,578.40			



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WELL @ 3562.60ft (25' KB Correction)
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Midland Database

Planned Survey	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDS (ft)	N/S (ft)	EW (ft)	V. Sec (ft)	D Leg (°/100ft)	Northing (ft)	Easting (ft)
	11,800.00	90.00	359.70	9,180.00	5,617.40	2,592.85	536.52	2,636.09	0.00	464,620.04	729,577.87
	11,900.00	90.00	359.70	9,180.00	5,617.40	2,692.84	536.00	2,735.43	0.00	464,720.03	729,577.35
	12,000.00	90.00	359.70	9,180.00	5,617.40	2,792.84	535.48	2,834.76	0.00	464,820.03	729,576.83
	12,100.00	90.00	359.70	9,180.00	5,617.40	2,892.84	534.96	2,934.10	0.00	464,920.03	729,576.31
	12,200.00	90.00	359.70	9,180.00	5,617.40	2,992.84	534.43	3,033.43	0.00	465,020.03	729,575.78
	12,300.00	90.00	359.70	9,180.00	5,617.40	3,092.84	533.91	3,132.77	0.00	465,120.03	729,575.26
	12,400.00	90.00	359.70	9,180.00	5,617.40	3,192.84	533.39	3,232.11	0.00	465,220.03	729,574.74
	12,500.00	90.00	359.70	9,180.00	5,617.40	3,292.84	532.86	3,331.44	0.00	465,320.03	729,574.21
	12,600.00	90.00	359.70	9,180.00	5,617.40	3,392.83	532.34	3,430.78	0.00	465,420.02	729,573.69
	12,700.00	90.00	359.70	9,180.00	5,617.40	3,492.83	531.82	3,530.11	0.00	465,520.02	729,573.17
	12,800.00	90.00	359.70	9,180.00	5,617.40	3,592.83	531.29	3,629.45	0.00	465,620.02	729,572.64
	12,900.00	90.00	359.70	9,180.00	5,617.40	3,692.83	530.77	3,728.79	0.00	465,720.02	729,572.12
	13,000.00	90.00	359.70	9,180.00	5,617.40	3,792.83	530.25	3,828.12	0.00	465,820.02	729,571.60
	13,100.00	90.00	359.70	9,180.00	5,617.40	3,892.83	529.73	3,927.46	0.00	465,920.02	729,571.08
	13,200.00	90.00	359.70	9,180.00	5,617.40	3,992.83	529.20	4,026.80	0.00	466,020.02	729,570.55
	13,300.00	90.00	359.70	9,180.00	5,617.40	4,092.83	528.68	4,126.13	0.00	466,120.02	729,570.03
	13,400.00	90.00	359.70	9,180.00	5,617.40	4,192.82	528.16	4,225.47	0.00	466,220.01	729,569.51
	13,500.00	90.00	359.70	9,180.00	5,617.40	4,292.82	527.63	4,324.80	0.00	466,320.01	729,568.98
	13,600.00	90.00	359.70	9,180.00	5,617.40	4,392.82	527.11	4,424.14	0.00	466,420.01	729,568.46
	13,700.00	90.00	359.70	9,180.00	5,617.40	4,492.82	526.59	4,523.48	0.00	466,520.01	729,567.94
	13,800.00	90.00	359.70	9,180.00	5,617.40	4,592.82	526.07	4,622.81	0.00	466,620.01	729,567.42
	13,900.00	90.00	359.70	9,180.00	5,617.40	4,692.82	525.54	4,722.15	0.00	466,720.01	729,566.89
	13,959.79	90.00	359.70	9,180.00	5,617.40	4,752.61	525.23	4,781.54	0.00	466,779.80	729,566.58



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company: Devon Energy, Inc.
Project: Eddy County
Site: Aldabra "25" Fed
Well: #8H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #8H
TVD Reference: WELL @ 3562.60ft (25' KB Correction)
MD Reference: WELL @ 3562.60ft (25' KB Correction)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Heal TGT(ALD25#8) - plan hits target center - Point	0.00	0.00	9,180.00	463.28	547.66	462,490.470	729,589.010	32° 16' 11.973 N	103° 43' 27.338 W
PBHL(ALD25#8H) - plan hits target center - Point	0.00	0.00	9,180.00	4,752.61	525.23	466,779.800	729,566.580	32° 16' 54.419 N	103° 43' 27.315 W

Checked By: _____

Approved By: _____

Date: _____