

PTGW

1-12-12 DATE IN	SUSPENSE	ENGINEER DB	LOGGED IN 1/12/12	TYPE NSL	APP NO 1201258094
--------------------	----------	-------------	-------------------	----------	-------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Devon 6137 ✓
 Snapping 2 st ##2H
 & 3H ✓

ADMINISTRATIVE APPLICATION CHECKLIST

30-015-39035

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]

30-015-39036

6552

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

[A] Location - Spacing Unit - Simultaneous Dedication

☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

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

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

M-7-265-31E
 2 wells

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

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

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

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

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

Sam McCurdy
 Print or Type Name

Signature

Landman
 Title

1/12/12
 Date

Sam.McCurdy@dun.com
 e-mail Address



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

FAX

To: David Brooks

From: Sam McCurdy
Office: 405-228-2406

Fax: 505-476-3462

Date: January 12, 2012

Phone:

Pages: 28 (including cover page)

Re: Snapping 2 St. #2H & #3H

CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments: Attached please find Devon's NSL application for the above referenced wells.



Sam McCurdy
Landman

Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-6260
Office: (405) 228-2406
Fax: (405) 552-8113

January 12, 2012

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

RE: Non-standard locations
Snapping 2 St. #2H & #3H
Section 2 T26S-R31E
Eddy County, NM

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, has drilled the referenced horizontal Bone Spring wells to a total vertical depth of approximately 8,165', 8,174' and with a total measured depth of approximately 13,600', 13,136' for the Snapping 2 St. #2H and #3H, respectively. As reflected on the attached C-102's, the Snapping 2 St. #2H has been permitted at a surface location of 330' FSL and 680' FWL with a permitted bottom hole location of 330' FNL and 990' FWL and the Snapping 2 St. #3H has been permitted at a surface location of 330' FSL and 630' FWL with a permitted bottom hole location of 330' FNL and 400' FWL with both wells being located within Section 2, Township 26 South, Range 31 East. During the drilling of the wells, the actual well path inadvertently penetrated the target formation closer than the 330' setback for a legal location in the 160 acre project area. According to the completion reports the Snapping 2 St. #2H penetrated the target formation at a location of 235' FSL & 679' FWL and the Snapping 2 St. #3H penetrated the target formation at a location of 221' FSL & 592' FWL. Although the wellbore penetrated the target formation at an unorthodox location, no perforations occurred closer than 330' to the outer boundary of the project area.

In accordance with Division rules, Devon respectfully requests that the Commission administratively approve this application for an unorthodox location with respect to that portion of the horizontal wellbore as described above in accordance with Division Rule 104(F) (3). This unorthodox location affects the leasehold interest jointly owned by Devon and XTO Energy, Inc. ("XTO") with XTO as the non-operator of the Section 11-T26S-R31E. Devon has given notice of this application to XTO.

Attached for your review you will find a land plat reflecting XTO as the only affected party, a structure map on top of the Bone Spring formation for each well, a State of New Mexico form C-102 for each well, a Well Profile Report prepared by Pathfinder and copy of a notification letter to XTO.

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

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

A handwritten signature in black ink, appearing to read "SMcCurdy", written over the printed name and title.
Sam McCurdy
Landman

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Grande Rd., Aztec, NM 87410

District IV

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 15, 2009

Submit one copy to appropriate
District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number		Pool Code		Pool Name			
Property Code		Property Name				Well Number	
		SNAPPING 2 STATE				2H	
OCRID No.		Operator Name				Elevation	
6137		DEVON ENERGY PRODUCTION COMPANY, L.P.				3243.9	

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
M	2	26 S	31 E		330	SOUTH	680	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	2	26 S	31 E		330	NORTH	990	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.

990' 330' BOTTOM OF HOLE BOTTOM OF HOLE LAT. = 32.0785660°N LONG. = 103.7542399°W NMSP EAST (FT) N = 392800.81 E = 720697.88 NW CORNER SEC. 2 LAT. = 32.0794668°N LONG. = 103.7574356°W NMSP EAST (FT) N = 393123.30 E = 719706.10		NE CORNER SEC. 2 LAT. = 32.0795016°N LONG. = 103.7402522°W NMSP EAST (FT) N = 393164.77 E = 725028.21		12 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 in 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. 2 LAT. = 32.0848854°N LONG. = 103.7574141°W NMSP EAST (FT) N = 387818.91 E = 719741.07 330' 680' SURFACE LOCATION		SE CORNER SEC. 2 (CALC) LAT. = 32.0648778°N LONG. = 103.7402679°W NMSP EAST (FT) N = 387844.87 E = 725046.38		11 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. Signature _____ Date of Survey 12/9/07 Signature and Seal of Professional Surveyor _____ Certificate Number 12797 JARAMILLO, PLS 12797 SURVEY NO. 435	

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

under W Jennings

1 API Number		2 Pool Code		3 Well Name <i>SE Big Links BS</i>	
4 Property Code		5 Property Name SNAPPING 2 STATE		6 Well Number 3H	
7 OGRID No. 6137		8 Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		9 Elevation 3244.1	

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	2	26 S	31 E		330	SOUTH	630	WEST	EDDY

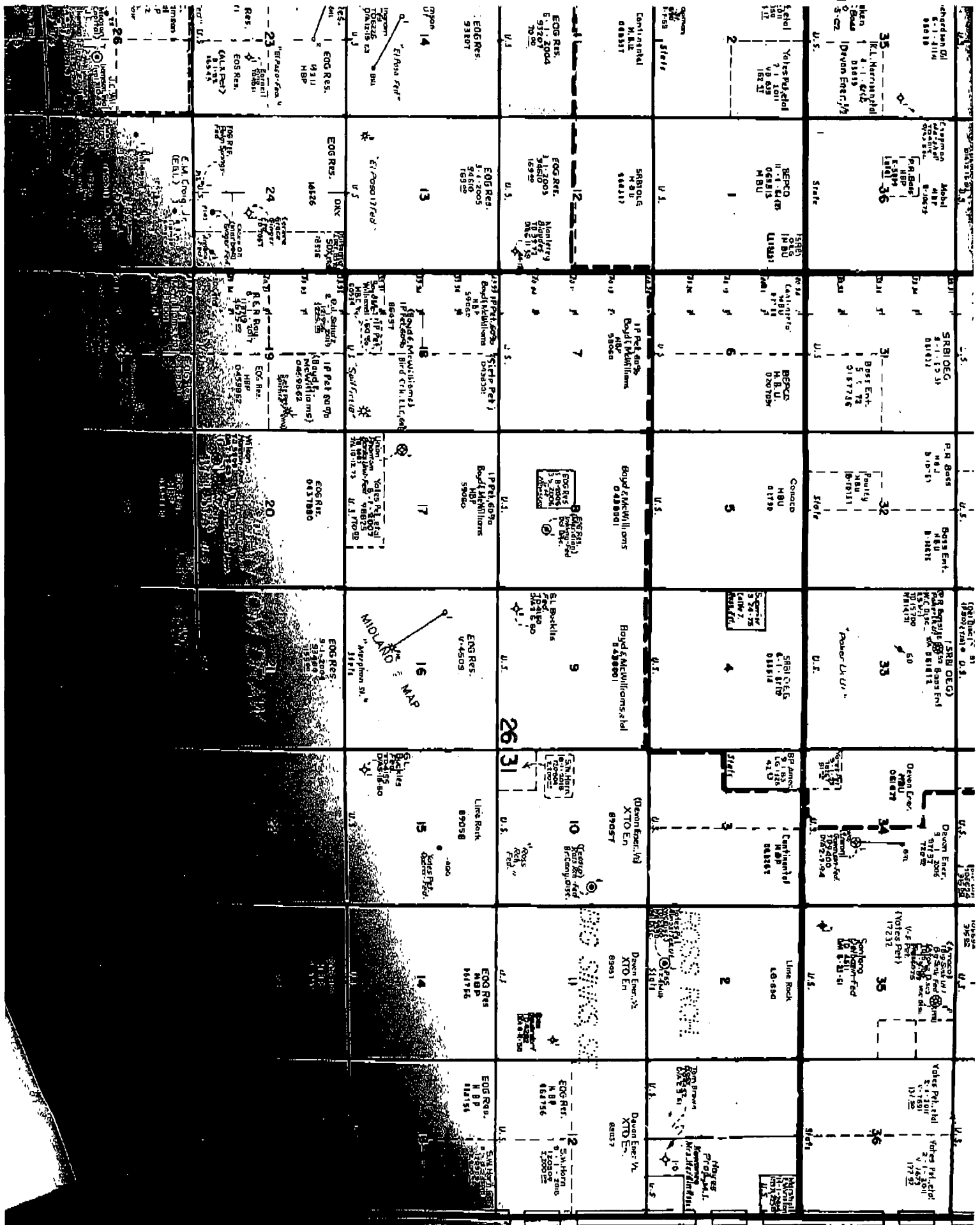
11 Bottom Hole Location If Different From Surface

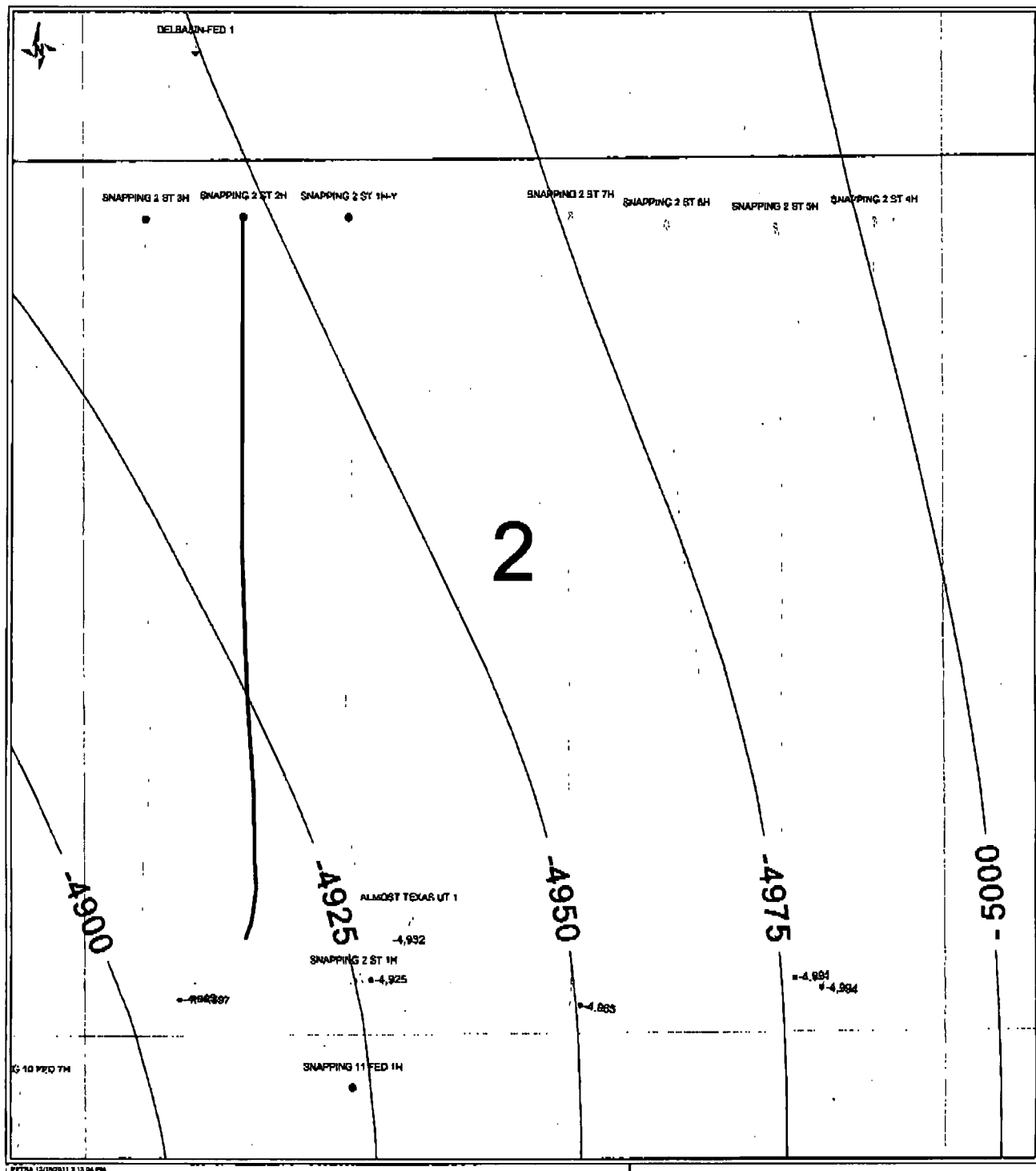
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	26 S	31 E		330	NORTH	400	WEST	EDDY

12 Deeded 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.

BOTTOM OF HOLE 400' 330' 630' SURFACE LOCATION		NE CORNER SEC. 2 LAT. = 32.0795016°N LONG. = 103.7402522°W NMSP EAST (FT) N = 393164.77 E = 725028.21		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 as this location pursuant to a contract with an owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling under authority directed by the division. Signature _____ Date _____ Printed Name _____	
NW CORNER SEC. 2 LAT. = 32.0794668°N LONG. = 103.7574386°W NMSP EAST (FT) N = 393123.30 E = 719708.10		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. APPROVED: _____ DATE: _____ Signature and Seal of Registered Surveyor _____ Certificate Number: _____			
SW CORNER SEC. 2 LAT. = 32.0648854°N LONG. = 103.7574141°W NMSP EAST (FT) N = 387818.91 E = 719741.07		SNAPPING "2" STATE #3H ELEV. = 3244.1' LAT. = 32.0657915°N (NAD83) LONG. = 103.7553840°W NMSP EAST (FT) N = 388151.89 E = 720368.18		SE CORNER SEC. 2 (CALC) LAT. = 32.0648778°N LONG. = 103.7402879°W NMSP EAST (FT) N = 387844.87 E = 725046.38	19 SURVEY NO. 436



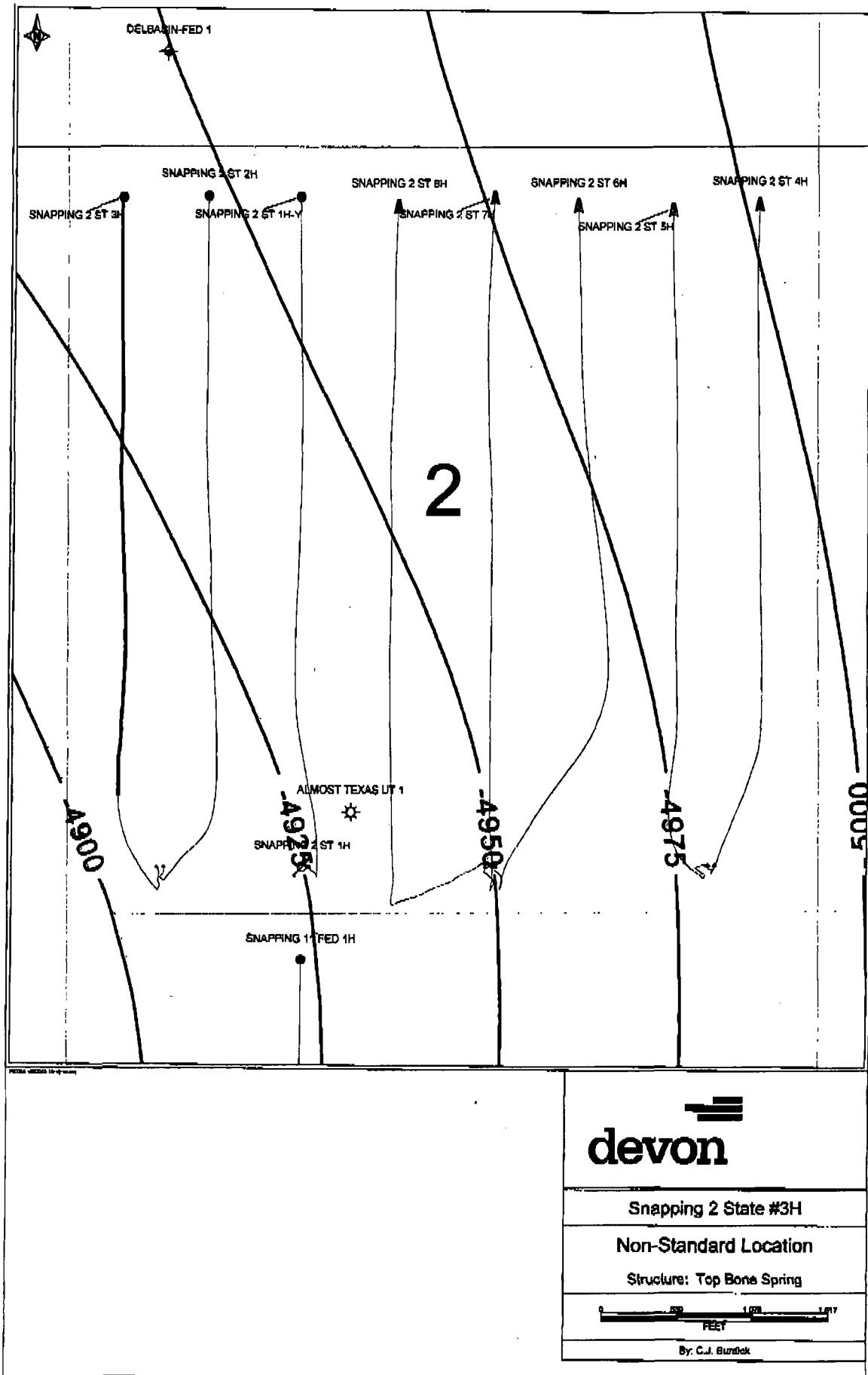


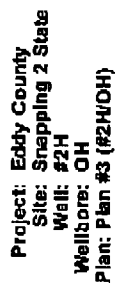
Snapping 2 State #2H

Non-Standard Location

Structure: Top Bone Spring

By: C.J. Burdick





PROJECT DETAILS: Eddy County
Geographic System: US state plane 1983
Datum: North American Datum
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid

azimuths to Grid North
 True North: 4.31°
 Magnetic North: 7.38°
 Magnetic Field
 Strength: 485.49 A/mT
 Dip Angle: 50.03°
 Date: 09/2011
 Model: IGRF2008D

Magnetic Field
Strength: 48549.4mT
Dip Angle: 50.03°
Date: 04/5/2011
Model: IGRF200510

SECTION DETAILS

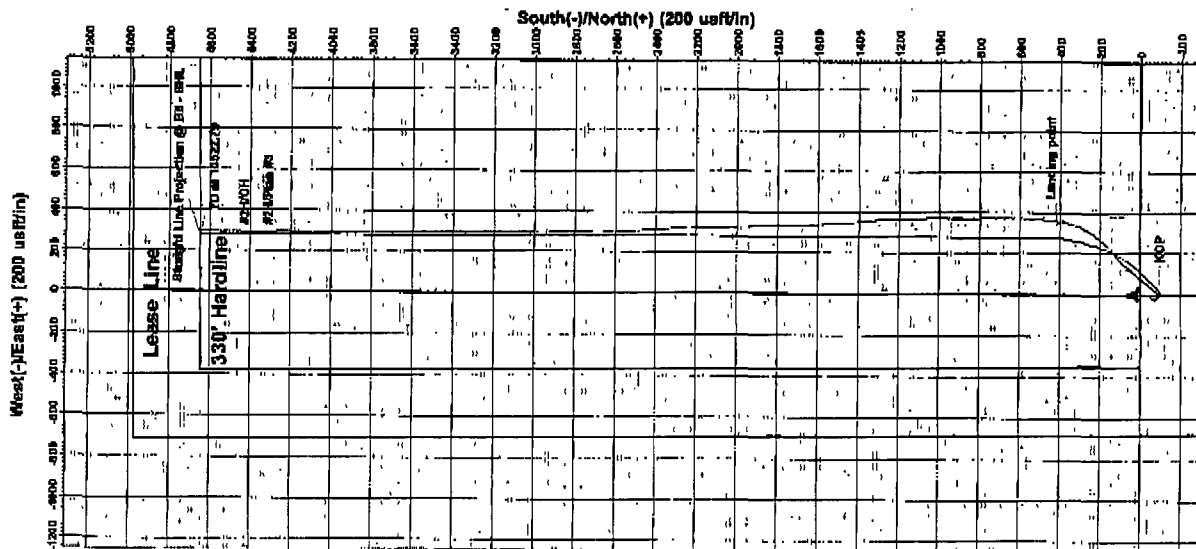
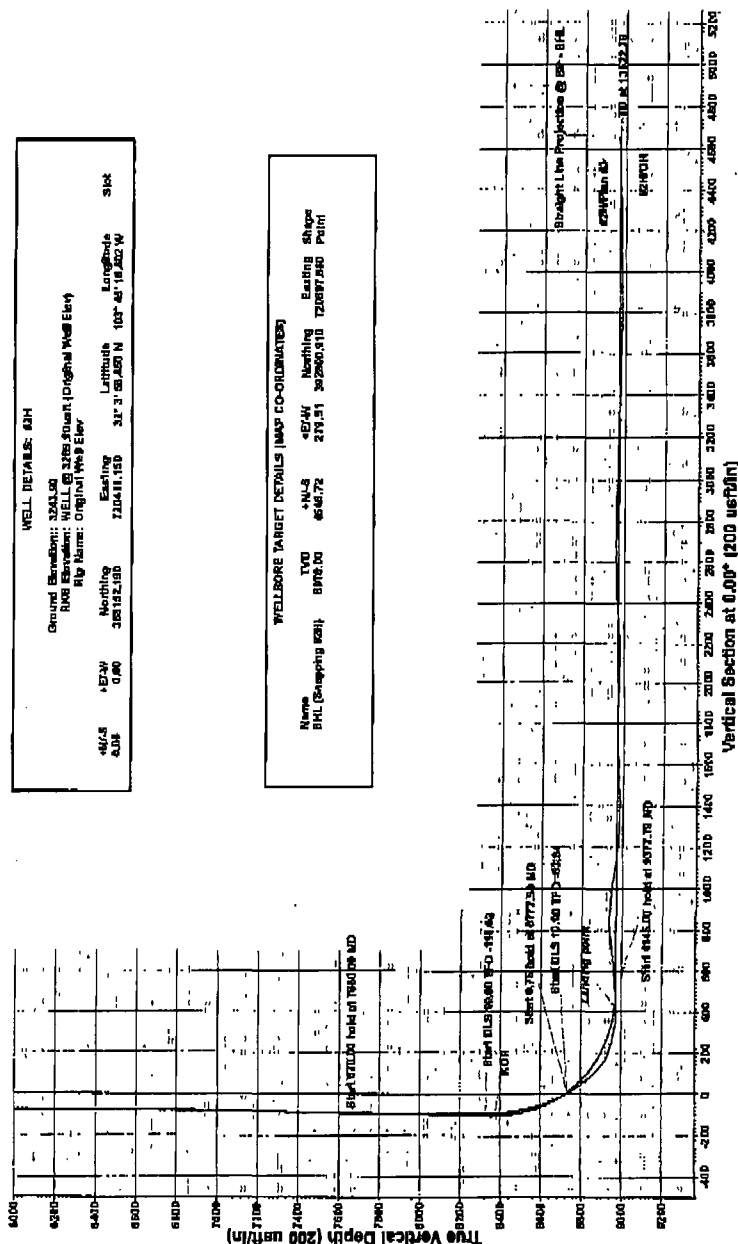
Site	NO	line	Alt	700	400-s	450W	06g	TR=	Value	Units
1810109	1.33	133.58	760.50	-8205	-8.91	0.00	0.00	0.00	02.00	
2801009	1.33	133.58	833.33	-10537	-4.97	0.00	0.00	0.00	-103.87	
3807253	44.51	64.19	372.99	7.61	116.25	10.00	-110.02	1.42	1.00	
4807134	44.51	64.19	373.55	7.59	116.82	0.00	0.00	1.00	1.00	
5807719	50.00	0.00	870.00	303.72	239.51	10.00	-35.84	101.72	0.00	
6352253	50.00	0.00	870.00	448.72	279.51	0.00	0.00	448.72	0.00	

WELL DETAILS: 63H

WELL DETAILS: 63H							
40/5	*EDW	Nothing	Easting	Northing	Latitude	Longitude	Slot
Ground Elevation: 334.00							
RDB Elevation: WELL @ 378.50m (Original Well Elev)							
Wp Name: Original Well Elev							

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-6	EW	Northing	Easting	Ship
PHL (Sampling)	8912.00	4648.72	279.51	302800.910	720897.840	PHL



Devon Energy, Inc.

Eddy County

Snapping 2 State

#2H

OH

Design: OH

Pathfinder X & Y Report

23 August, 2011

Pathfinder Pathfinder X & Y Report

Company: Devon Energy, Inc.	Well #2H
Project: Eddy County	WELL @ 3289.80usft (Original Well Elev)
Site: Snapping 2 State	WELL @ 3289.80usft (Original Well Elev)
Well: #2H	Grid
Wellbore: OH	Grid Minimum Curvature
Depth: OH	EDM 5000.1 Single User Ch

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: Snapping 2 State			
Site Position:	Northings:	388,152.190 usft	Latitude: 32° 3' 56.850 N
From: Map	Easting:	720,416.150 usft	Longitude: 103° 45' 16.802 W
Position Uncertainty:	Spot Radius:	13-3/16 "	Grid Convergence: 0.31 "

Well: #2H	Well Position	+N-S	0.00 usft	Northings:	388,152.190 usft	Latitude:	32° 3' 56.850 N
		+E-W	0.00 usft	Easting:	720,416.150 usft	Longitude:	103° 45' 16.802 W
	Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,243.90 usft

Wellbore: OH	Magnetic	Model Name	Compass	Declination	Angle	Rate
		IGRF200510	5/5/2011	7.66	60.03	46.549

Wellbore: OH	Actual Notes:	Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
		Vertical Scale:	0.00	Horizontal Scale:	0.00	Vertical Scale:	0.00

Pathfinder
Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Well #2H	WELL @ 3268.90uift (Original Well Elev)
Project:	Eddy County	WELL @ 3268.90uift (Original Well Elev)	Grid
Site:	Snapping 2 Site	Minimum Curvature	EDM 5000.1 Single User Db
Wellbore:	#2H		
Wellbore:	OH		
Design:	OH		

Station	Delta	True North	True East	True North	True East	True North	True East	True North	True East	True North	True East
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
1,800.00	1.31	194.58	1,868.32	-1,370.58	-40.80	-1.69	-40.80	0.14	388,111.38	720,416.48	
1,900.00	1.20	199.93	1,868.30	-1,280.60	-42.68	-2.27	-42.68	0.18	388,109.51	720,415.88	
2,000.00	0.94	203.38	2,079.28	-1,190.62	-44.24	-2.88	-44.24	0.30	388,107.95	720,415.27	
2,170.00	0.81	207.79	2,189.27	-1,100.63	-45.85	-3.51	-45.55	0.09	388,108.84	720,414.64	
2,260.00	0.83	207.71	2,259.28	-1,010.64	-46.83	-4.18	-46.83	0.02	388,105.36	720,413.97	
2,360.00	1.11	207.50	2,348.24	-920.66	-48.25	-4.92	-48.25	0.20	388,103.94	720,413.23	
2,440.00	1.30	212.55	2,439.22	-830.68	-49.69	-5.88	-49.69	0.24	388,102.30	720,412.27	
2,530.00	1.25	221.14	2,529.20	-740.70	-51.49	-7.07	-51.49	0.22	388,100.70	720,411.08	
2,620.00	0.97	227.60	2,618.18	-650.72	-52.74	-8.28	-52.74	0.34	388,098.45	720,408.87	
2,710.00	0.79	234.82	2,708.17	-560.73	-53.61	-9.35	-53.61	0.23	388,098.58	720,408.60	
2,800.00	1.00	250.88	2,798.15	-470.74	-54.23	-10.60	-54.23	0.36	388,097.95	720,407.55	
2,880.00	1.05	258.66	2,888.15	-380.75	-54.83	-12.15	-54.83	0.17	388,097.84	720,406.00	
2,980.00	0.95	261.27	2,978.14	-290.76	-54.83	-13.60	-54.93	0.12	388,097.26	720,404.46	
3,070.00	0.76	253.32	3,068.13	-200.77	-55.21	-13.00	-55.21	0.25	388,096.88	720,403.15	
3,160.00	0.39	238.29	3,159.12	-110.78	-55.84	-15.83	-55.54	0.44	388,096.85	720,402.32	
3,250.00	0.37	180.91	3,249.12	-20.78	-55.89	-16.10	-55.99	0.41	388,096.20	720,402.05	
3,340.00	0.53	156.04	3,339.12	89.22	-56.66	-16.93	-56.66	0.79	388,095.53	720,402.22	
3,430.00	0.51	166.12	3,429.11	189.21	-57.43	-15.67	-57.43	0.10	388,094.76	720,402.48	
3,520.00	1.61	183.32	3,519.10	249.20	-58.09	-15.65	-58.09	1.26	388,093.10	720,402.50	
3,610.00	1.83	197.11	3,609.08	339.16	-61.57	-16.10	-61.67	0.43	388,090.62	720,402.05	
3,700.00	1.80	201.29	3,699.02	429.12	-64.11	-16.89	-64.11	0.23	388,088.08	720,401.16	
3,790.00	2.88	228.86	3,788.94	519.04	-65.97	-19.28	-66.97	1.80	388,085.22	720,398.88	
3,880.00	2.44	247.10	3,878.84	608.94	-68.25	-22.70	-69.25	1.12	388,082.94	720,395.36	
3,970.00	0.90	283.77	3,868.80	698.90	-70.07	-25.26	-70.07	1.78	388,082.12	720,392.89	
4,060.00	0.49	293.72	4,058.80	788.80	-70.00	-26.31	-70.00	0.58	388,082.18	720,391.84	
4,150.00	0.30	290.62	4,148.78	878.89	-69.76	-26.86	-69.76	0.21	388,082.43	720,391.27	
4,240.00	0.27	306.84	4,238.79	968.88	-69.55	-27.27	-69.55	0.09	388,082.64	720,390.88	

Pathfinder
Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Local Co. Address:	Well #2H							
Project:	Eddy County	730 Kettles Creek	WELL @ 3268.60uist (Original Well Elev)							
State:	Snapping 2 State	MD Co. Address:	WELL @ 3268.90uist (Original Well Elev)							
Well:	32H	North Reference:	Grid							
Wellbore:	OH	Survey Collection Date:	Minimum CurveLine							
Design:	OH	Collection:	EDM 5000.1 Single User Dn							
Lat	Long	Alt (Minimum)	TVDS	TVDS	EW	V. Cor	BL	North	East	
(uist)	(uist)	(uist)	(uist)	(uist)	(uist)	(uist)	(uist)	(uist)	(uist)	
4,330.00	0.10	327.70	4,328.79	1,058.89	-69.36	-27.19	-69.36	0.20	388,082.69	720,380.66
4,420.00	0.13	288.84	4,418.79	1,148.89	-69.28	-27.63	-69.28	0.09	388,082.93	720,380.52
4,510.00	0.16	269.40	4,508.79	1,238.89	-69.23	-27.85	-69.23	0.06	388,082.96	720,380.30
4,600.00	0.18	258.61	4,598.79	1,328.89	-69.20	-28.06	-69.20	0.03	388,082.94	720,380.06
4,690.00	0.08	80.51	4,688.79	1,418.89	-69.27	-28.14	-69.27	0.25	388,082.92	720,380.01
4,780.00	0.19	112.10	4,778.79	1,508.89	-69.33	-27.94	-69.33	0.13	388,082.66	720,380.21
4,870.00	0.24	119.47	4,868.79	1,598.89	-69.48	-27.64	-69.48	0.06	388,082.71	720,380.51
4,960.00	0.46	117.53	4,958.79	1,688.89	-68.74	-27.15	-68.74	0.24	388,082.45	720,380.00
5,050.00	0.49	110.86	5,048.79	1,778.89	-70.04	-26.47	-70.04	0.07	388,082.16	720,381.68
5,140.00	0.47	120.38	5,138.78	1,868.88	-70.37	-26.80	-70.37	0.08	388,081.82	720,382.35
5,230.00	0.57	129.84	5,228.78	1,958.88	-70.84	-25.13	-70.84	0.15	388,081.35	720,383.02
5,320.00	0.52	145.72	5,318.78	2,048.88	-71.47	-24.56	-71.47	0.18	388,080.72	720,383.58
5,410.00	0.44	149.66	5,408.77	2,138.87	-72.10	-24.16	-72.10	0.10	388,080.08	720,383.99
5,500.00	0.37	156.48	5,498.77	2,228.87	-72.67	-23.86	-72.67	0.09	388,079.52	720,384.29
5,590.00	0.52	159.09	5,588.77	2,318.87	-73.31	-23.60	-73.31	0.17	388,078.88	720,384.55
5,680.00	0.48	172.62	5,678.76	2,408.86	-74.07	-23.41	-74.07	0.14	388,078.12	720,384.74
5,770.00	0.50	175.46	5,768.75	2,498.86	-74.83	-23.33	-74.83	0.03	388,077.36	720,384.82
5,860.00	0.54	151.00	5,858.78	2,588.86	-75.60	-23.09	-75.60	0.25	388,076.58	720,385.06
5,950.00	0.62	153.59	5,948.75	2,678.85	-76.40	-22.67	-76.40	0.09	388,075.79	720,385.48
6,040.00	0.49	160.48	6,038.75	2,768.85	-77.20	-22.33	-77.20	0.16	388,074.99	720,385.82
6,130.00	0.30	151.11	6,128.75	2,858.85	-77.77	-22.08	-77.77	0.22	388,074.42	720,386.07
6,220.00	0.38	165.59	6,218.74	2,948.84	-78.27	-21.80	-78.27	0.13	388,073.82	720,386.25
6,310.00	0.18	356.39	6,308.74	3,038.84	-78.42	-21.83	-78.42	0.62	388,073.77	720,386.32
6,400.00	0.30	43.79	6,398.74	3,128.84	-78.10	-21.68	-78.10	0.25	388,074.09	720,386.47
6,490.00	0.43	57.85	6,488.74	3,218.84	-77.75	-21.23	-77.75	0.17	388,074.44	720,386.92
6,580.00	0.82	85.87	6,578.73	3,308.83	-77.52	-20.22	-77.52	0.64	388,074.67	720,387.93
6,670.00	1.04	85.05	6,668.72	3,398.82	-77.40	-18.69	-77.40	0.13	388,074.79	720,389.45

Pathfinder Pathfinder X & Y Report

Company	Devon Energy, Inc.										Well #2H									
Project	Eddy County										WELL @ 3269.80usft (Original Well Elev)									
Site	Snapping 2 Stele										WELL @ 3269.80usft (Original Well Elev)									
Well	#2H										Grid									
Wellbore	OH										Minimum Curvature									
Design	OH										EDM 5000.1 Single User Db									
Survey																				
MD	Angle	YD	YD	YD	YD	YD	YD	YD	YD	YD	Angle	YD	YD	YD	YD	YD				
(ft)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)				
8,815.00	40.01	37.86	8,776.76	5,506.86	28.73	100.61	28.73	11.31	388,180.92	720,518.76										
8,846.00	43.44	38.01	8,799.89	5,528.99	45.03	113.28	45.03	11.09	388,197.22	720,531.41										
8,878.00	47.22	40.39	8,822.39	5,552.49	62.65	127.65	62.65	12.94	388,214.84	720,548.81										
8,908.00	51.35	42.32	8,842.60	5,572.70	80.27	143.18	80.27	14.13	388,232.46	720,561.33										
8,941.00	54.87	47.55	8,861.82	5,591.82	98.38	161.27	98.38	17.08	388,250.58	720,574.42										
8,972.00	57.88	51.34	8,879.03	5,608.13	115.10	180.88	115.10	13.82	388,267.28	720,589.01										
9,004.00	60.76	48.63	8,895.41	5,625.51	132.78	201.80	132.78	12.08	388,284.87	720,602.05										
9,035.00	64.10	46.73	8,909.76	5,639.86	151.28	222.21	151.28	12.07	388,303.47	720,614.36										
9,067.00	68.59	43.86	8,922.59	5,652.89	171.81	243.03	171.81	16.26	388,324.10	720,631.18										
9,098.00	72.63	41.58	8,932.88	5,662.98	193.39	262.85	193.39	14.78	388,345.58	720,641.00										
9,130.00	78.45	37.87	8,941.68	5,671.79	217.05	282.51	217.05	14.21	388,368.24	720,700.68										
9,161.00	78.00	32.56	8,948.81	5,678.91	241.89	299.88	241.89	18.59	388,383.86	720,718.04										
9,193.00	78.84	27.32	8,954.86	5,685.05	268.89	315.55	268.89	17.07	388,421.08	720,733.70										
9,224.00	79.84	22.31	8,960.43	5,690.53	298.58	328.35	298.58	15.81	388,448.77	720,746.50										
9,256.00	81.07	16.57	8,965.74	5,695.84	328.33	338.85	328.33	18.10	388,478.52	720,767.00										
9,287.00	83.98	12.04	8,968.75	5,699.88	358.10	346.44	358.10	17.26	388,508.29	720,764.59										
9,318.00	88.20	8.28	8,971.86	5,702.05	387.46	352.33	387.46	15.78	388,539.85	720,770.48										
9,350.00	90.40	8.11	8,972.34	5,702.44	418.10	357.51	418.10	8.81	388,570.29	720,775.16										
9,413.00	82.88	7.18	8,970.56	5,700.65	480.51	365.38	480.51	4.17	388,632.70	720,783.54										
9,508.00	95.67	2.52	8,963.48	5,693.58	574.88	373.40	574.88	5.72	388,727.07	720,791.55										
9,602.00	95.06	358.36	8,954.68	5,684.78	668.44	374.94	668.44	3.41	388,820.53	720,793.03										
9,697.00	99.10	359.08	8,942.88	5,673.08	762.69	373.66	762.69	4.26	388,914.88	720,791.81										
9,792.00	88.78	0.13	8,935.63	5,665.73	857.29	373.03	857.29	8.87	389,009.48	720,781.16										
9,888.00	85.03	0.43	8,938.88	5,668.98	951.17	373.48	951.17	5.06	389,103.36	720,781.63										
9,981.00	80.11	359.27	8,952.17	5,682.27	1,045.34	373.24	1,045.34	8.32	389,197.63	720,781.38										
10,076.00	83.10	356.88	8,985.89	5,695.89	1,138.26	370.11	1,138.26	4.08	389,280.15	720,788.26										
10,170.00	84.42	356.34	8,976.22	5,706.32	1,232.53	364.59	1,232.53	1.50	389,388.72	720,782.88										

Pathfinder Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Well #2H	Well @ 3269.80' (Original Well Elev)							
Project:	Eddy County	Well @ 3269.80' (Original Well Elev)	Well @ 3269.80' (Original Well Elev)							
State:	Shannon 2 State	Grid	Grid							
Design:	OH	Minimum Curvature	Minimum Curvature							
Design:	OH	EDM 5000.1 Single User Db	EDM 5000.1 Single User Db							
ID	Depth	AS (Minimum)	TVD (Minimum)	True	North	East	Sec	Mag	Mag	East
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
10,264.00	86.70	356.70	8,983.50	5,713.60	1,326.07	358.84	1,326.07	2.46	389,478.26	720,778.99
10,358.00	82.77	355.38	8,983.93	5,714.03	1,410.80	352.35	1,419.80	6.81	389,571.88	720,770.50
10,453.00	94.18	355.55	8,976.17	5,708.27	1,514.33	344.85	1,514.33	1.49	389,866.52	720,763.00
10,548.00	91.45	357.03	8,973.51	5,703.61	1,609.00	338.72	1,609.00	3.27	389,761.18	720,756.87
10,643.00	82.42	387.72	8,870.30	5,700.40	1,703.84	334.37	1,703.84	1.25	389,856.03	720,752.52
10,738.00	80.31	359.43	8,868.04	5,698.14	1,798.78	332.01	1,788.78	2.86	389,850.87	720,750.18
10,832.00	87.87	368.18	8,868.68	5,689.79	1,892.75	330.85	1,882.75	2.82	389,044.84	720,748.00
10,927.00	87.41	359.60	8,873.77	5,703.87	1,987.66	328.82	1,987.66	0.54	390,199.85	720,747.57
11,022.00	88.08	357.88	8,876.68	5,706.78	2,082.88	327.83	2,082.58	2.44	390,234.77	720,746.98
11,116.00	90.04	358.27	8,977.40	5,707.80	2,176.83	324.76	2,176.53	1.06	390,328.72	720,742.81
11,211.00	83.12	356.45	8,874.78	5,704.88	2,271.38	320.39	2,271.38	3.77	389,423.57	720,738.54
11,306.00	84.18	368.02	8,868.80	5,688.80	2,364.88	314.23	2,364.88	1.22	389,517.17	720,732.38
11,400.00	83.21	358.71	8,862.68	5,682.78	2,459.59	308.22	2,459.58	1.25	389,611.78	720,728.37
11,494.00	80.66	357.82	8,858.50	5,688.80	2,553.42	303.74	2,553.42	2.86	389,705.81	720,721.89
11,589.00	91.28	357.80	8,857.90	5,688.00	2,648.34	300.11	2,648.34	0.65	389,800.53	720,718.28
11,683.00	88.28	358.44	8,858.25	5,688.35	2,742.28	287.02	2,742.28	3.25	389,894.47	720,715.17
11,778.00	89.28	368.48	8,860.28	5,680.38	2,837.24	285.30	2,837.24	1.49	389,888.43	720,713.45
11,873.00	89.34	358.68	8,861.48	5,681.58	2,932.23	284.51	2,932.23	0.24	389,084.42	720,712.76
11,967.00	87.85	359.53	8,863.76	5,693.86	3,028.18	283.87	3,028.18	1.59	389,178.38	720,712.12
12,062.00	89.43	0.05	8,866.02	5,686.12	3,121.16	283.62	3,121.16	1.75	389,273.35	720,711.77
12,157.00	88.81	0.77	8,867.47	5,687.57	3,216.15	284.30	3,216.15	1.00	389,368.34	720,712.45
12,251.00	88.89	0.70	8,868.28	5,688.38	3,310.12	285.51	3,310.12	0.21	389,462.31	720,713.66
12,346.00	87.76	0.57	8,871.87	5,702.07	3,405.08	286.56	3,405.08	1.30	389,557.27	720,714.71
12,440.00	89.25	0.08	8,874.43	5,704.53	3,499.04	287.08	3,499.04	1.88	389,651.23	720,715.23
12,535.00	89.34	0.00	8,875.59	5,705.69	3,594.03	287.13	3,594.03	0.11	389,746.22	720,715.28
12,630.00	88.37	358.84	8,877.49	5,707.59	3,689.01	286.17	3,689.01	1.59	389,841.20	720,714.32
12,724.00	88.20	358.55	8,880.31	5,710.41	3,782.85	284.35	3,782.85	0.22	389,836.14	720,712.50

Pathfinder

Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Local Coordinate Reference:	Well #2H
Project:	Eddy County	WVD Reference:	WELL @ 3258.86usft (Original Well Elev)
State:	Snapping 2 State	WMD Reference:	WELL @ 3258.86usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Projection Method:	Minimum Curvature
Depth:	OH	Reference:	EDM 5000.1 Single User Db

Survey	MD (ft)	Loc	Lat (N)	Long (W)	True	Mag	WVD	WMD	North	East
12,818.00	89.34	358.86	8,982.95	5,712.45	3,877.81	292.56	3,877.91	1.20	392,030.10	720,710.71
12,813.00	91.46	0.74	8,981.70	5,711.80	3,071.80	292.26	3,971.50	2.89	392,124.09	720,710.41
13,008.00	91.01	0.02	8,978.66	5,709.78	4,066.87	292.80	4,066.87	0.89	392,218.08	720,711.04
13,102.00	91.01	0.68	8,978.00	5,708.10	4,160.85	293.46	4,160.85	0.70	392,313.04	720,711.51
13,197.00	91.01	359.57	8,976.33	5,708.43	4,255.84	293.67	4,255.84	1.17	392,408.03	720,711.82
13,292.00	92.15	0.07	8,973.71	5,703.81	4,350.80	293.37	4,350.80	1.31	392,502.99	720,711.52
13,386.00	90.75	0.14	8,971.33	5,701.43	4,444.77	293.64	4,444.77	1.49	392,596.96	720,711.69
13,481.00	91.36	0.27	8,968.58	5,698.88	4,539.75	293.68	4,539.75	0.86	392,691.94	720,712.03
13,551.00	91.80	1.30	8,967.65	5,697.75	4,609.72	294.64	4,609.72	1.80	392,761.91	720,712.69
13,600.00	91.80	1.30	8,966.11	5,696.21	4,658.68	295.95	4,658.68	0.00	392,810.87	720,714.10

Depth	MD (ft)	Lat (N)	Long (W)	True	Mag	WVD	WMD	North	East
8,374.00	8,372.37	-93.51	1.70	KOP					
8,360.00	8,872.34	418.10	387.01	Landing point					
13,000.00	8,966.11	4,658.68	295.95	Straight Line Projection @ Bit - BHL					

Checked By:

Approved By:

Date:



Devon Energy, Inc.

Eddy County
Snapping 2 State
#3H
OH

Design: OH

Pathfinder X & Y Report

23 August, 2011

Pathfinder Pathfinder X & Y Report

Company: Devon Energy, Inc.	Well #3H	Well @ 3270.10usft (Original Well Elev)
Project: Eddy County	Well @ 3270.10usft (Original Well Elev)	Well @ 3270.10usft (Original Well Elev)
State: Snapping 2 State	Grid	Minimum Curvature
Wellbore: OH	EDM 5000.1 Single User Db	
Design: OH		
Project: Eddy County		
Map System: US State Plane 1983	System Datum: Mean Sea Level	
Geo Datum: North American Datum 1983		
Map Zone: New Mexico Eastern Zone		
Site: Snapping 2 State		
Site Position:	Northings: 368,152.180 usft	Latitude: 32° 3' 58.850 N
From: Map	Easting: 720,418.150 usft	Longitude: 103° 45' 18.802 W
Position Uncertainty: 0.00 usft	Star Radius: 13-3/15 "	Grid Convergence: 0.91 "
Well Position: +N-S 0.00 usft	Northings: 368,151.880 usft	Latitude: 32° 3' 58.849 N
+W-W 0.00 usft	Easting: 720,368.180 usft	Longitude: 103° 45' 18.382 W
Position Uncertainty: 0.00 usft	Wellhead Elevation: usft	Ground Level: 3,244.10 usft
Wellbore: OH		
Magnetics: Model Name	Declination	By Angle
IGRF200610	5/5/2011	7.56
		80.03
		48,549
Design: OH		
Audit Notes:		
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.00
Version: 0.00	Depth From (TVB)	0.00
	0.00	0.00
	0.00	366.79

Pathfinder Pathfinder X & Y Report

Company: Devon Energy, Inc.
Project: Eddy County
Site: Snapping 2 State
Well: OH
Well #3H
WELL @ 3270.10usft (Original Well Elev)
WELL @ 3270.10usft (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Survey Program: Date: 8/23/2011
From (usft): 100.00 To (usft): 7,475.00 Survey #1 - Gra (OH)
7,622.00 13,136.00 Survey #2 - MWD (OH)
Tool Name: CB-GYRO-MS
Description: Camera based gyro multi-shot
MWD
MWD - Standard

Survey	MD	True	True	True	True	True	True	True	True	True	True
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)
0.00	0.00	0.00	0.00	-3,270.10	0.00	0.00	0.00	0.00	0.00	388,151.89	720,368.18
100.00	0.88	334.31	100.00	-3,170.10	0.53	-0.26	0.55	0.88	388,152.42	720,367.92	
200.00	0.23	346.34	199.99	-3,070.11	1.28	-0.56	1.28	0.46	388,153.15	720,367.62	
300.00	0.30	348.55	299.99	-2,970.11	1.72	-0.56	1.75	0.07	388,153.61	720,367.52	
400.00	0.24	350.17	399.99	-2,870.11	2.18	-0.75	2.22	0.08	388,154.07	720,367.43	
500.00	0.48	115.35	499.99	-2,770.11	2.21	-0.41	2.23	0.85	388,154.10	720,367.77	
600.00	1.32	116.12	599.99	-2,670.12	1.54	1.02	1.46	0.84	388,153.43	720,369.20	
700.00	1.95	130.17	699.94	-2,570.16	-0.05	3.35	-0.24	0.76	388,151.84	720,371.54	
800.00	3.39	155.24	799.83	-2,470.27	-3.85	5.90	-4.16	1.82	388,148.06	720,374.06	
900.00	3.50	154.98	899.65	-2,370.45	-0.28	8.43	-8.74	0.11	388,142.61	720,376.61	
1,000.00	3.48	156.05	999.48	-2,270.64	-14.82	10.85	-15.41	0.07	388,137.07	720,379.13	
1,100.00	3.60	162.34	1,099.28	-2,170.89	-20.50	13.11	-21.21	0.38	388,131.39	720,381.29	
1,200.00	3.62	168.55	1,199.09	-2,071.01	-25.81	14.66	-27.29	0.40	388,125.38	720,382.84	
1,300.00	3.61	172.38	1,298.89	-1,971.21	-32.72	15.70	-33.55	0.24	388,119.17	720,383.88	
1,400.00	3.34	175.65	1,398.70	-1,871.40	-36.75	18.34	-39.60	0.33	388,113.14	720,384.52	
1,500.00	2.93	178.33	1,498.55	-1,771.55	-44.21	18.84	-45.07	0.44	388,107.68	720,384.82	
1,600.00	2.44	182.13	1,598.44	-1,671.66	-48.80	16.63	-48.74	0.52	388,103.00	720,384.81	
1,700.00	2.31	185.93	1,698.36	-1,571.74	-53.02	16.35	-53.85	0.20	388,098.67	720,384.53	
1,800.00	2.37	188.48	1,798.27	-1,471.83	-57.08	16.90	-57.86	0.06	388,094.81	720,384.06	
1,900.00	2.41	196.04	1,898.19	-1,371.91	-61.22	15.45	-61.99	0.04	388,090.67	720,383.63	
2,000.00	2.35	188.88	1,998.10	-1,272.00	-65.35	14.98	-66.08	0.07	388,086.54	720,383.16	

Pathfinder Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Well #:	3270.10ush (Original Well Elev)									
Field:	Eddy County	Well @:	3270.10ush (Original Well Elev)									
State:	Snapping 2 State	Grid:	Minimum Curvature									
Well:	OH	EDM:	EDM 5000.1 Single User Db									
Wellbore:	OH											
Depth:	OH											
Survey:												
Station	Delta N	Delta E	Delta Z	Delta S	Delta W	Delta H	Delta X	Delta Y	Delta Z	Delta S	Delta W	Delta H
2,100.00	2.29	196.27	2,098.02	-1,172.08	-69.36	14.62	-70.07	0.07	388,082.53	720,382.70		
2,200.00	2.19	181.43	2,197.94	-1,072.16	-73.26	14.28	-73.93	0.21	388,078.64	720,382.44		
2,300.00	2.38	180.43	2,297.86	-972.24	-77.24	14.18	-77.81	0.19	388,074.65	720,382.37		
2,400.00	3.05	186.66	2,397.75	-872.35	-81.90	13.87	-82.60	0.73	388,069.93	720,382.05		
2,500.00	2.85	182.19	2,497.63	-772.47	-85.86	13.08	-87.45	0.48	388,065.03	720,381.26		
2,600.00	1.98	184.52	2,597.54	-672.58	-80.84	12.40	-81.40	0.74	388,061.05	720,380.64		
2,700.00	1.75	183.73	2,697.49	-572.61	-84.09	12.22	-84.82	0.23	388,057.80	720,380.40		
2,800.00	1.83	185.75	2,797.44	-472.68	-87.20	11.96	-87.72	0.10	388,054.69	720,380.14		
2,900.00	1.70	190.47	2,897.40	-372.70	-100.25	11.53	-100.73	0.19	388,051.64	720,379.71		
3,000.00	1.14	180.66	2,997.36	-272.74	-102.70	11.25	-103.17	0.61	388,048.18	720,379.43		
3,100.00	0.88	186.24	3,097.35	-172.75	-104.44	11.42	-104.92	0.36	388,047.45	720,379.60		
3,200.00	0.31	178.96	3,197.34	-72.76	-105.46	11.61	-105.94	0.58	388,046.43	720,379.79		
3,300.00	0.42	280.95	3,297.34	27.24	-105.60	11.25	-106.08	0.60	388,046.28	720,379.44		
3,400.00	0.20	321.35	3,397.34	127.24	-106.33	10.81	-105.77	0.27	388,046.56	720,378.98		
3,500.00	1.04	108.62	3,497.34	227.24	-105.46	11.56	-105.96	1.21	388,045.41	720,379.74		
3,600.00	1.70	118.30	3,597.31	327.21	-106.47	13.73	-107.08	0.70	388,045.42	720,381.81		
3,700.00	2.05	120.96	3,697.25	427.15	-108.10	16.57	-108.86	0.36	388,043.79	720,384.75		
3,800.00	3.40	146.00	3,797.14	527.04	-111.48	19.76	-112.41	1.77	388,040.41	720,387.84		
3,900.00	1.69	181.05	3,897.04	626.94	-115.33	21.80	-116.38	1.82	388,036.56	720,390.08		
4,000.00	1.00	185.87	3,997.01	726.91	-117.59	22.29	-118.86	0.89	388,034.30	720,390.47		
4,100.00	0.79	171.66	4,097.00	826.90	-119.14	22.29	-120.20	0.30	388,032.75	720,390.47		
4,200.00	0.66	182.58	4,196.99	926.88	-120.58	22.36	-121.64	0.17	388,031.51	720,390.54		
4,300.00	0.48	170.74	4,296.88	1,026.88	-121.75	22.39	-122.81	0.39	388,030.14	720,390.57		
4,400.00	0.44	183.05	4,396.88	1,126.80	-122.54	22.57	-123.61	0.08	388,028.35	720,390.75		
4,500.00	0.37	161.63	4,496.88	1,226.88	-123.18	22.64	-124.27	0.11	388,028.70	720,391.02		
4,600.00	0.42	154.46	4,596.87	1,326.87	-123.80	23.15	-124.90	0.05	388,028.09	720,391.33		
4,700.00	0.47	173.51	4,696.87	1,426.87	-124.54	23.36	-125.65	0.16	388,027.35	720,391.54		

Pathfinder Pathfinder X & Y Report

Company: Devon Energy, Inc.
Project: Eddy County
Site: Snapping 2 State
Well: #3H
Wellbore: OH
Casing: OH

Well #3H
WELL @ 3270.10usft (Original Well Elev)
WELL @ 3270.10usft (Original Well Elev)
Elev
Minimum Curvature
EDM 5000.1 Single User Ds

MD (usft)	Delta (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)	True (usft)
4,800.00	0.46	177.69	4,796.87	1,526.87	-125.35	23.42	-126.46	0.04	388,026.54	720,391.60			
4,800.00	0.50	172.25	4,896.96	1,626.86	-126.16	23.49	-127.30	0.06	388,025.71	720,391.67			
5,000.00	0.52	202.03	4,996.06	1,726.86	-127.04	23.38	-128.15	0.26	388,024.85	720,391.56			
5,100.00	0.56	205.26	5,096.56	1,826.86	-127.80	23.00	-128.99	0.05	388,023.88	720,391.18			
5,200.00	0.51	210.15	5,196.95	1,926.85	-128.73	22.57	-128.78	0.07	388,023.18	720,390.75			
5,300.00	0.36	234.54	5,296.96	2,026.85	-128.28	22.09	-130.30	0.24	388,022.60	720,390.27			
5,400.00	0.38	236.03	5,396.85	2,126.85	-129.65	21.55	-130.65	0.03	388,022.24	720,389.73			
5,500.00	0.16	232.56	5,496.95	2,226.85	-129.91	21.16	-130.88	0.22	388,021.98	720,389.34			
5,600.00	0.12	253.79	5,596.85	2,326.85	-130.02	20.95	-130.89	0.06	388,021.87	720,389.13			
5,700.00	0.18	206.16	5,696.95	2,426.85	-130.19	20.78	-131.15	0.13	388,021.70	720,388.86			
5,800.00	0.23	224.36	5,796.84	2,526.84	-130.48	20.57	-131.43	0.08	388,021.41	720,388.75			
5,900.00	0.46	217.18	5,896.84	2,626.84	-130.84	20.19	-131.87	0.23	388,020.85	720,388.37			
6,000.00	0.44	188.54	5,996.94	2,726.84	-131.63	19.82	-132.63	0.15	388,020.28	720,388.00			
6,100.00	0.80	183.39	6,096.93	2,826.83	-132.87	19.54	-133.66	0.36	388,019.22	720,387.72			
6,200.00	0.73	186.89	6,196.93	2,926.83	-133.98	19.30	-134.85	0.11	388,017.91	720,387.48			
6,300.00	0.94	180.88	6,296.81	3,026.81	-135.43	18.21	-136.30	0.73	388,016.46	720,387.39			
6,400.00	1.11	177.42	6,396.90	3,126.80	-137.22	18.24	-138.08	0.18	388,014.87	720,387.42			
6,500.00	0.97	175.07	6,496.88	3,226.78	-139.03	18.36	-139.80	0.15	388,012.66	720,387.54			
6,600.00	1.10	183.28	6,596.87	3,326.77	-140.81	18.21	-141.87	0.38	388,011.08	720,387.39			
6,700.00	1.34	213.05	6,696.84	3,426.74	-142.72	18.35	-143.53	0.48	388,009.17	720,386.53			
6,800.00	1.68	211.84	6,796.81	3,526.71	-144.93	18.85	-145.66	0.32	388,008.98	720,385.13			
6,900.00	1.13	214.31	6,896.78	3,626.68	-146.88	15.63	-147.62	0.53	388,004.91	720,383.61			
7,000.00	1.40	210.81	6,996.75	3,726.65	-148.84	14.45	-149.42	0.28	388,003.06	720,382.63			
7,100.00	1.41	208.87	7,096.72	3,826.62	-150.86	13.21	-151.48	0.02	388,000.93	720,381.38			
7,200.00	1.35	205.89	7,196.70	3,926.60	-153.07	12.08	-153.61	0.10	387,998.82	720,380.24			
7,300.00	1.33	200.28	7,296.67	4,026.57	-155.21	11.12	-155.59	0.16	387,998.88	720,379.30			
7,400.00	1.24	182.93	7,396.64	4,126.54	-157.38	10.67	-157.73	0.40	387,994.51	720,378.85			

Pathfinder
Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Well RSH									
Project:	Eddy County	WELL @ 3270.10usft (Original Well Elev)									
Site:	Snapping 2 State	WELL @ 3270.10usft (Original Well Elev)									
Well:	RSH	Grid									
Wellbore:	OH	Minimum Curvature									
Design:	OH	EDM 5000.1 Single User Db									
Survey:											
Station	Dist	Azi	Comm	TVD	True	Mag	EW	NS	Depth	North	East
7,475.00	1.27	171.88	7,471.83	4,201.53	-159.01	10.74	-159.37	0.33	387,892.88	720,378.94	
7,622.00	1.41	187.38	7,618.59	4,348.49	-162.39	11.37	-162.77	0.12	387,888.50	720,379.55	
7,718.00	1.32	180.98	7,712.56	4,442.48	-184.54	11.97	-164.96	0.18	387,887.35	720,380.15	
7,811.00	1.58	157.97	7,807.53	4,537.43	-166.78	12.82	-167.25	0.28	387,885.10	720,381.00	
7,842.00	0.87	157.10	7,838.52	4,568.42	-167.43	13.08	-167.90	1.87	387,884.46	720,381.28	
7,874.00	1.06	305.26	7,870.52	4,600.42	-167.51	12.95	-167.97	6.10	387,884.38	720,381.13	
7,905.00	3.78	315.21	7,901.49	4,631.39	-166.62	11.99	-167.09	8.65	387,885.27	720,380.17	
7,937.00	7.21	317.41	7,933.34	4,663.24	-164.38	8.89	-164.89	10.74	387,887.50	720,378.07	
7,989.00	10.55	317.78	7,984.95	4,684.85	-160.74	8.58	-160.86	10.44	387,881.15	720,374.74	
8,080.00	13.72	318.20	7,995.25	4,725.15	-155.80	2.20	-155.78	10.23	387,895.98	720,370.38	
8,032.00	15.71	318.54	8,026.13	4,756.03	-148.82	-3.37	-148.19	9.35	388,002.27	720,364.81	
8,053.00	19.43	318.67	8,055.58	4,785.48	-142.40	-8.72	-141.63	8.77	388,009.48	720,358.48	
8,098.00	21.46	318.04	8,085.58	4,815.48	-133.88	-17.07	-132.81	8.38	388,017.91	720,351.11	
8,127.00	24.01	320.01	8,115.09	4,844.98	-124.57	-25.00	-122.97	8.05	388,027.32	720,343.09	
8,169.00	25.85	318.35	8,143.20	4,873.10	-114.61	-33.55	-112.55	6.00	388,037.28	720,334.63	
8,180.00	27.79	321.51	8,171.78	4,901.66	-103.47	-42.73	-100.91	6.85	388,048.42	720,325.45	
8,221.00	30.16	322.71	8,189.87	4,928.77	-81.61	-51.94	-88.55	7.84	388,060.28	720,316.24	
8,253.00	32.45	323.17	8,226.21	4,956.11	-78.34	-61.95	-74.75	7.20	388,073.55	720,308.23	
8,284.00	35.00	323.43	8,251.89	4,981.89	-64.54	-72.24	-60.39	8.24	388,087.35	720,299.94	
8,316.00	37.99	324.95	8,277.72	5,007.62	-49.10	-83.36	-44.88	8.78	388,102.79	720,284.82	
8,347.00	40.98	325.58	8,301.64	5,031.54	-32.90	-84.59	-27.65	9.73	388,118.99	720,273.59	
8,378.00	43.44	325.76	8,325.34	5,055.24	-15.15	-105.71	-8.15	7.70	388,136.74	720,261.47	
8,410.00	46.60	326.31	8,347.25	5,077.15	3.04	-118.96	8.68	10.27	388,154.93	720,249.22	
8,442.00	49.51	326.96	8,368.64	5,098.54	22.91	-132.05	30.27	8.22	388,174.80	720,236.13	
8,474.00	52.14	327.62	8,388.85	5,118.75	49.79	-145.45	51.86	8.37	388,195.68	720,222.73	
8,505.00	55.13	328.67	8,407.23	5,137.13	65.10	-158.43	73.87	11.02	388,216.99	720,208.75	
8,537.00	57.60	331.15	8,424.95	5,154.85	88.27	-171.58	87.74	6.63	388,240.16	720,196.60	

Pathfinder
Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Local Coordinates Reference:	Well #3H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Project:	Eddy County	Reference:	WELL @ 3270.10usft (Original Well Elev)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
State:	Snapping 2 State	Reference:	WELL @ 3270.10usft (Original Well Elev)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Well:	#3H	Reference:	Grid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Wellbore:	OH	Reference:	Minimum Curvature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Depth:	OH	Reference:	EDM 5000.1 Single User Db																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Survey:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
MD (ft)	True	Assumed	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True	True</

Pathfinder Pathfinder X & Y Report

Company:	Devon Energy, Inc.	Well #3H
Project:	Eddy County	WELL @ 3270.10usft (Original Well Elev
Site:	Snapping 2 Slate	WELL @ 3270.10usft (Original Well Elev
Well:	#3H	Grid
Survey:	OH	Minimum Curvature
Design:	OH	EOM 5000.1 Single User Db

Station	True	As Measured	MD	True	True	True	True	True	True	True	True
Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
12,470.00	88.81	358.87	8,555.84	5,285.74	3,978.83	-267.00	3,987.84	1.70	392,150.82	720,101.18	
12,584.00	89.25	359.18	8,557.43	5,287.33	4,072.90	-268.60	4,081.55	0.57	392,224.79	720,089.58	
12,699.00	89.60	359.72	8,558.38	5,289.28	4,167.89	-269.51	4,176.44	0.68	392,319.78	720,098.57	
12,783.00	89.86	0.00	8,558.74	5,288.84	4,261.89	-269.74	4,270.31	0.48	392,413.78	720,098.44	
12,848.00	89.82	0.63	8,559.17	5,289.07	4,356.88	-280.22	4,365.13	0.61	392,508.78	720,098.98	
12,942.00	89.40	1.38	8,559.24	5,289.14	4,450.87	-267.57	4,458.87	1.23	392,602.76	720,100.51	
13,037.00	88.98	1.80	8,560.74	5,289.64	4,545.84	-268.10	4,553.55	1.20	392,697.73	720,103.08	
13,081.00	90.04	2.06	8,560.12	5,290.02	4,589.81	-263.88	4,597.38	2.61	392,741.70	720,104.48	
13,135.00	90.04	2.05	8,560.08	5,289.98	4,644.78	-261.77	4,652.14	0.00	392,786.87	720,106.46	

Station	True	As Measured	MD	True	True	True	True	True	True	True	True
Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
7,905.00	7,901.49	-166.82	11.89	Kick Off Point							
8,127.00	8,546.24	636.70	-272.97	Landing Point							
13,135.00	8,560.08	4,644.78	-261.72	Straight Line Projection @ Bkt - BHL							

Checked By: _____ Approved By: _____ Date: _____



Sam McCurdy
Landman

Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Office: (405) 228-2406
Fax: (405) 552-8113

January 12, 2012

XTO Energy, Inc.
810 Houston Street
Fort Worth, TX 76102

Re: Snapping 2 St. #2H & #3H
Section 2-T26S-R31E
Eddy County, NM

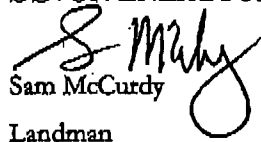
Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s ("Devon") administrative application for approval of an unorthodox well location covering the referenced well. Our records indicate that Devon and XTO Energy, Inc. ("XTO") are the joint owners of the Snapping 11 Federal #1H located in Section 11-T26S-R31E and as affected owners of an offset spacing unit, XTO is entitled to notice of this application in accordance with Division Rule 104(f). Objections to this application should be submitted to the New Mexico Oil Conservation Division. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned.

If there are any questions or if additional information is required, feel free to call me at (405) 228-2406.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.


Sam McCurdy
Landman

XTO Energy, Inc. has no objection to this administrative application for unorthodox location.

By: _____

Title: _____

Date: _____



RECEIVED
JAN 17 2012
LAND DEPARTMENT

Sam McCurdy
Landman

Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Office: (405) 228-2406
Fax: (405) 552-8113

January 12, 2012

XTO Energy, Inc.
810 Houston Street
Fort Worth, TX 76102

Re: Snapping 2 St. #2H & #3H
Section 2-T26S-R31E
Eddy County, NM

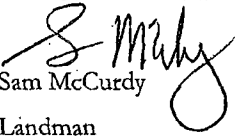
Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s ("Devon") administrative application for approval of an unorthodox well location covering the referenced well. Our records indicate that Devon and XTO Energy, Inc. ("XTO") are the joint owners of the Snapping 11 Federal #1H located in Section 11-T26S-R31E and as affected owners of an offset spacing unit, XTO is entitled to notice of this application in accordance with Division Rule 104(f). Objections to this application should be submitted to the New Mexico Oil Conservation Division. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned.

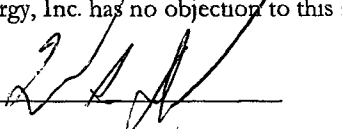
If there are any questions or if additional information is required, feel free to call me at (405) 228-2406.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.


Sam McCurdy
Landman

XTO Energy, Inc. has no objection to this administrative application for unorthodox location.

By: 

Title: DAVID L. ADAMS

Date: JANUARY 26, 2012