

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 30-015-39035	² Pool Code 96403	³ Pool Name Wildcat AVALON; BONE SPRING
⁴ Property Code 38600	⁵ Property Name SNAPPING 2 STATE	⁶ Well Number 2H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 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

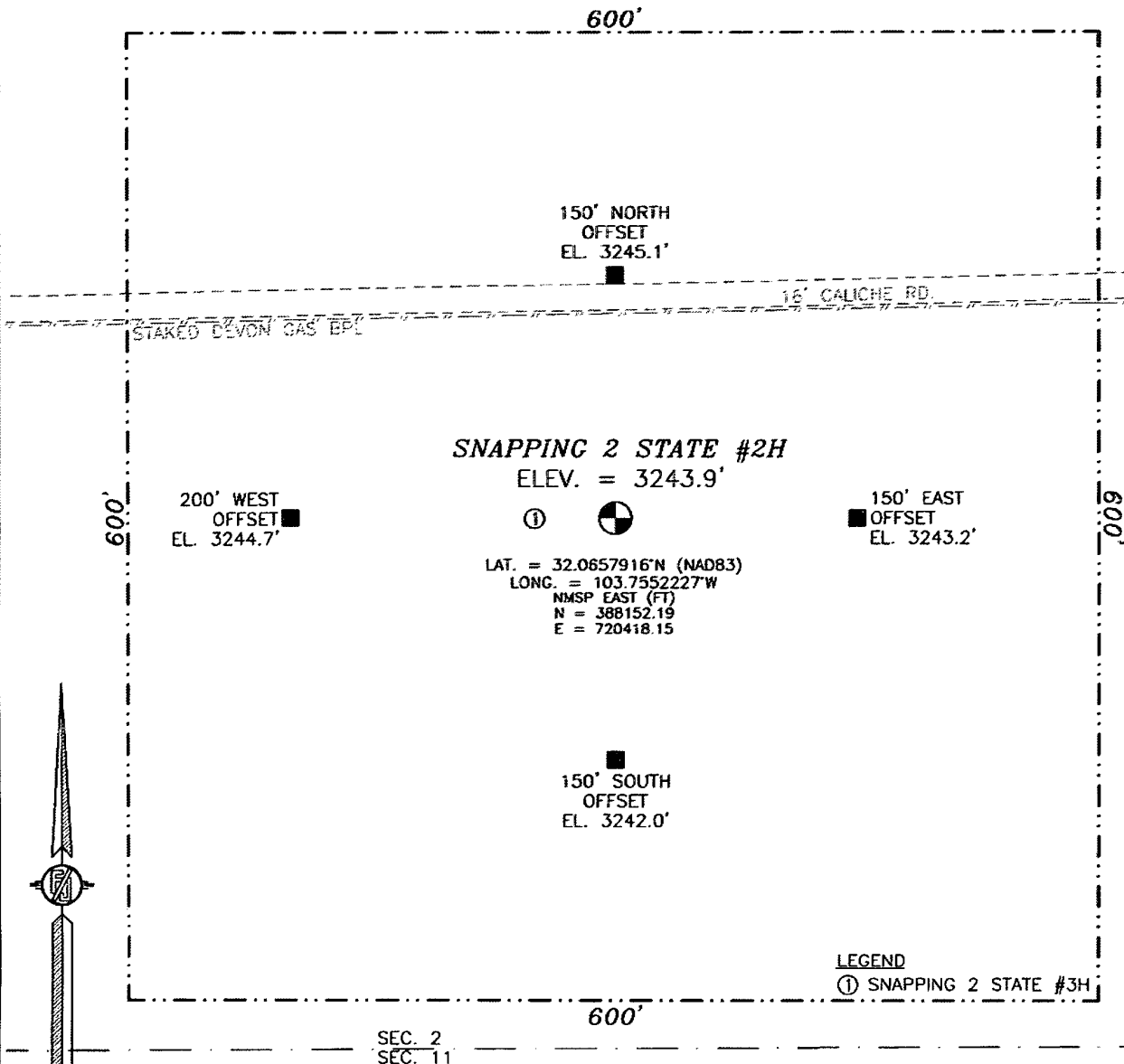
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	26 S	31 E		330	NORTH	990	WEST	EDDY

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

990' 330' BOTTOM OF HOLE LAT. = 32.0785660°N LONG. = 103.7542399°W NMSP EAST (FT) N = 392800.91 E = 720697.66 NW CORNER SEC. 2 LAT. = 32.0794668°N LONG. = 103.7574356°W NMSP EAST (FT) N = 393123.30 E = 719706.10 SW CORNER SEC. 2 LAT. = 32.0648854°N LONG. = 103.7574141°W NMSP EAST (FT) N = 387818.91 E = 719741.07 680' SURFACE LOCATION	NE CORNER SEC. 2 LAT. = 32.0795016°N LONG. = 103.7402522°W NMSP EAST (FT) N = 393164.77 E = 725028.21 SE CORNER SEC. 2 (CALC) LAT. = 32.0648778°N LONG. = 103.7402879°W NMSP EAST (FT) N = 387844.87 E = 725046.38 SNAPPING "2" STATE #2H ELEV. = 3243.9' LAT. = 32.0657916°N (NAD83) LONG. = 103.7552227°W NMSP EAST (FT) N = 388152.19 E = 720418.15	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 information 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: <i>Judy A. Barnett</i> Date: 5/12/11 Printed Name: Judy A. Barnett Regulatory Specialist 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. Signature and Seal of Professional Surveyor: <i>THELMO A. JARAMILLO</i> Certificate Number: THELMO A. JARAMILLO, PLS 12797 Date of Survey: 1/17/07 SURVEY NO. 435
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SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM STATE HWY 128 AND CR #1 (ORLA RD) IN LEA CO. GO SOUTH
ON CR #1 (ORLA RD) 10.4 MILES TURN RIGHT ON CALICHE LEASE
RD (ROSS LANE) GO WEST 4.8 MILES TURN RIGHT GO NORTH 480 FT
TO CALICHE ROAD ON RIGHT GO RIGHT (EAST) 600 FT. WELL SITE ON
RIGHT HAND SIDE

DEVON ENERGY PRODUCTION COMPANY, L.P.
SNAPPING 2 STATE #2H

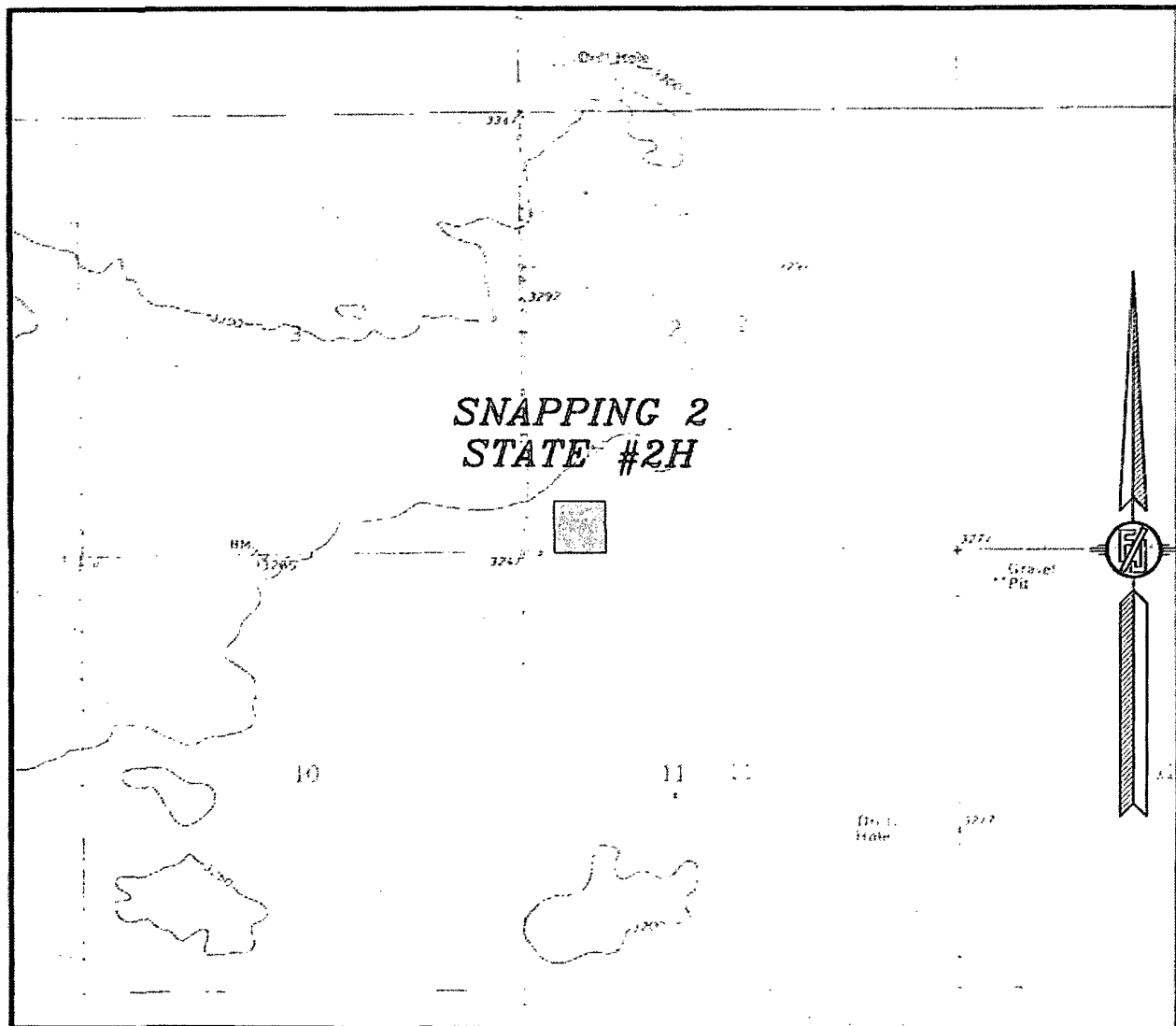
LOCATED 330 FT. FROM THE SOUTH LINE
AND 680 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 26 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

APRIL 7, 2011

SURVEY NO. 435

MADRON SURVEYING, INC. 301 SQUA CANAL (575) 857-5920 CARLSBAD, NEW MEXICO

SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



CONTOUR INTERVAL:
PHANTOM BANKS
PADUCA BREAKS WEST

NOT TO SCALE

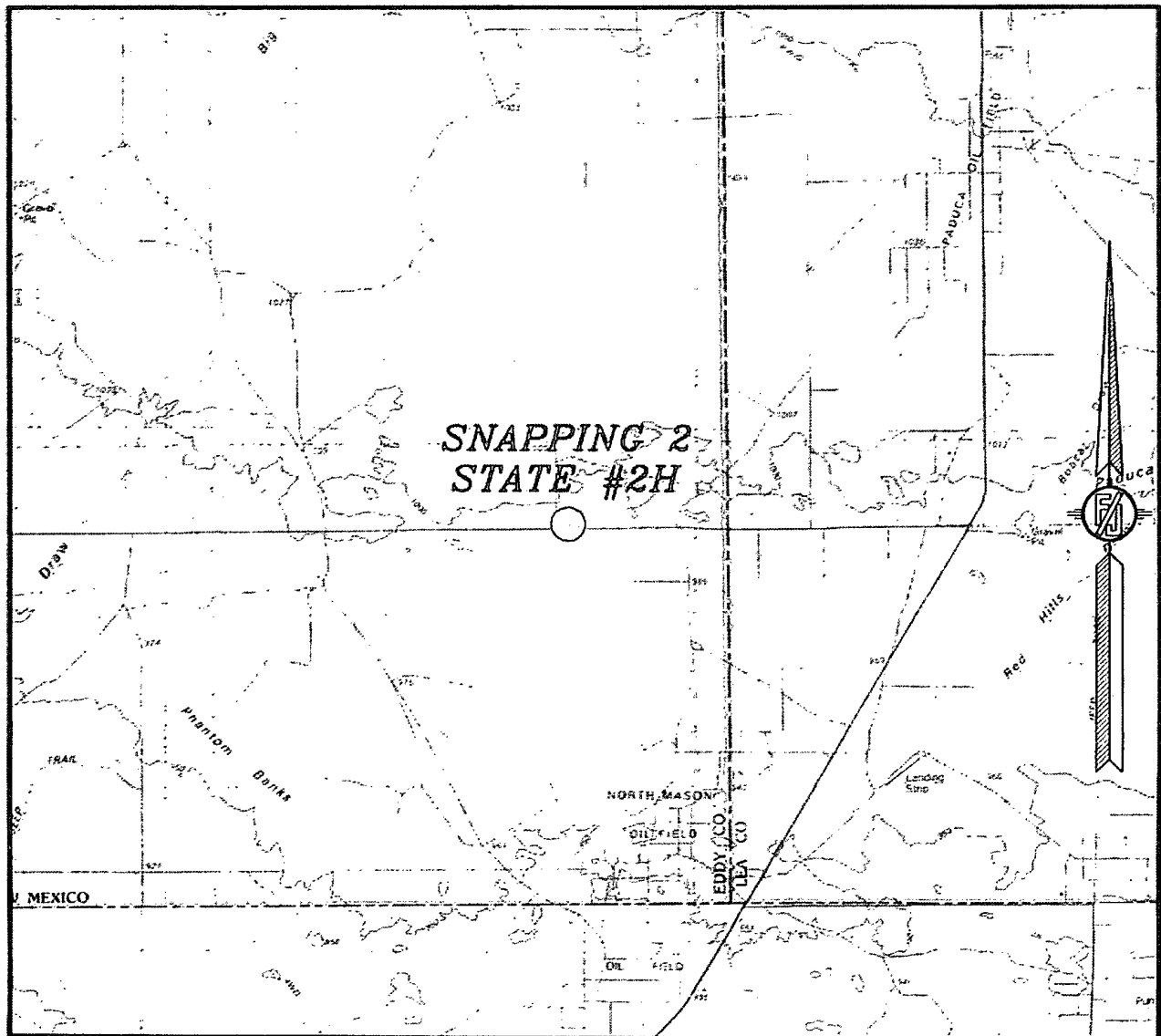
DEVON ENERGY PRODUCTION COMPANY, L.P.
SNAPPING 2 STATE #2H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 680 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 26 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

APRIL 7, 2011

SURVEY NO. 435

MADRON SURVEYING, INC. 501 SOUTH CANAL (575) 887-5630 CARLSBAD, NEW MEXICO

SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
SNAPPING 2 STATE #2H

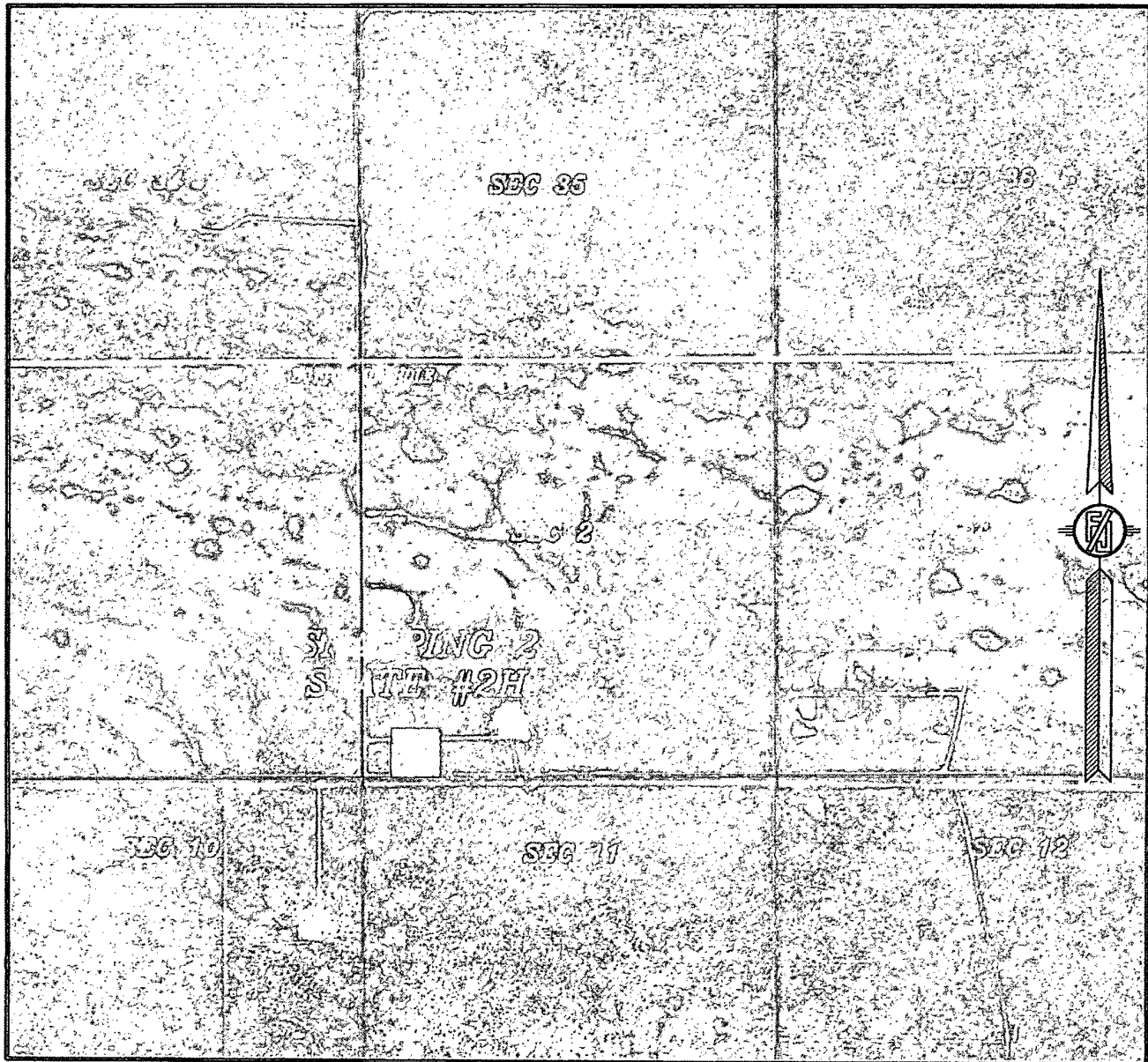
LOCATED 330 FT. FROM THE SOUTH LINE
AND 680 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 26 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

APRIL 7, 2011

SURVEY NO. 435

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 857-5830 CARLSBAD, NEW MEXICO

SECTION 2, TOWNSHIP 26 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
USDA - AUG, 2009

DEVON ENERGY PRODUCTION COMPANY, L.P.
SNAPPING 2 STATE #2H

LOCATED 330 FT. FROM THE SOUTH LINE
AND 680 FT. FROM THE WEST LINE OF
SECTION 2, TOWNSHIP 26 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

SURVEY NO. 435

APRIL 7, 2011

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 887-5830 CARLSBAD, NEW MEXICO



Project: Eddy County
Site: Snapping 2 State
Well: #2H
Wellbore: OH
Plan: Plan #1 (#2H/OH)

RECEIVED
MAY 13 2011
NMOCD ARTESIA

PATHFINDER
A Schlumberger Company

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



Azimuths to Grid North
True North: -0.31°
Magnetic North: 7.35°

Magnetic Field
Strength: 48549.4snT
Dip Angle: 60.03°
Date: 5/5/2011
Model: IGRF200510

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

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	7818.00	0.00	0.00	7818.00	0.00	0.00	0.00	0.00	0.00	
3	8096.89	27.89	70.56	8086.01	22.04	62.79	10.00	70.56	22.04	
4	8097.80	27.89	70.56	8086.81	22.18	63.19	0.00	0.00	22.18	
5	8908.68	90.00	0.00	8520.00	588.22	279.51	10.00	-72.76	588.22	
6	12969.18	90.00	0.00	8520.00	4648.72	279.51	0.00	0.00	4648.72	BHL (Snapping #2H)

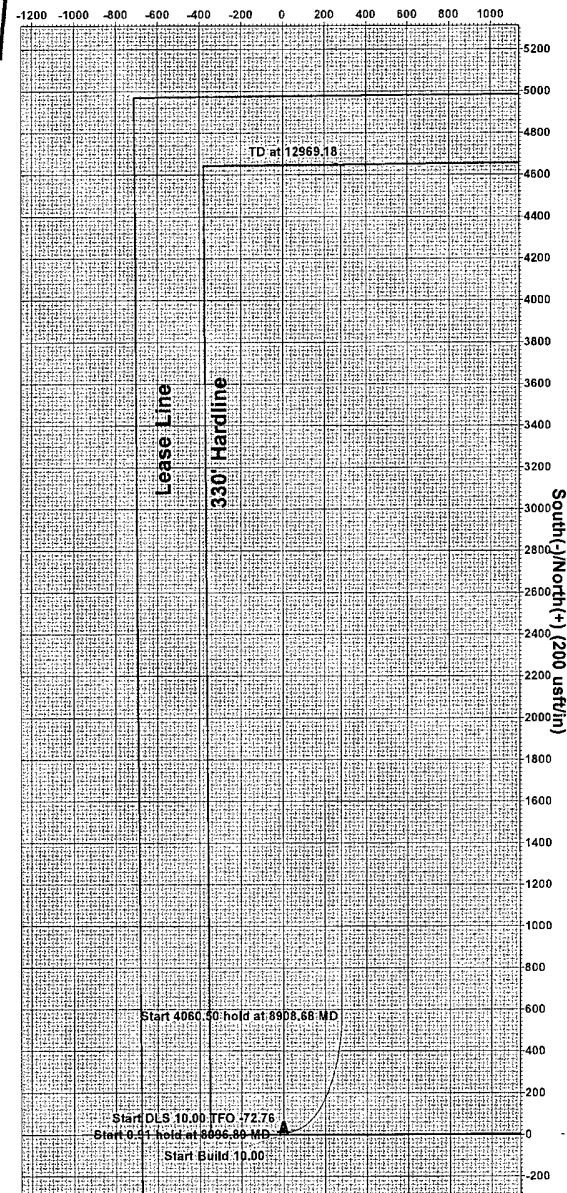
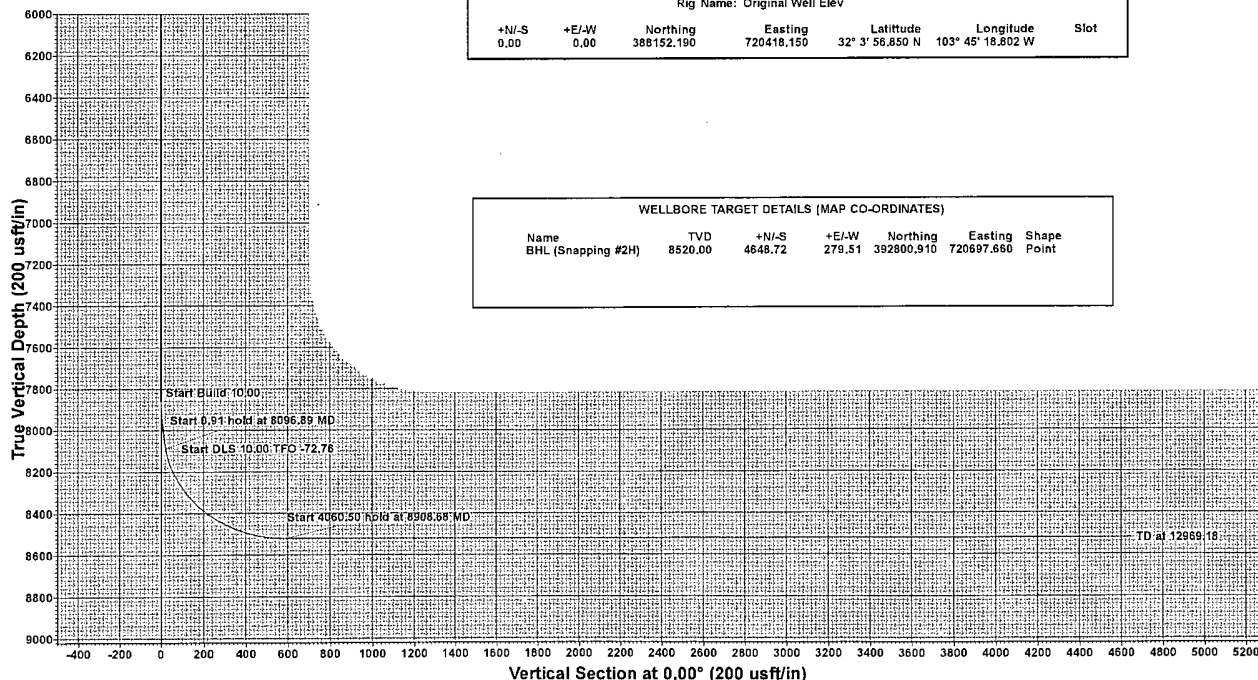
WELL DETAILS: #2H

Ground Elevation: 3243.90
RKB Elevation: WELL @ 3269.90usft (Original Well Elev)
Rig Name: Original Well Elev

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	388152.190	720418.150	32° 3' 58.850 N	103° 45' 16.802 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (Snapping #2H)	8520.00	4648.72	279.51	392800.910	720697.690	Point



Plan: Plan #1 (#2H/OH)

Created By: Nate Bingham Date: 14:18, May 05 2011



Devon Energy, Inc.

**Eddy County
Snapping 2 State
#2H
OH**

Plan: Plan #1

Pathfinder X&Y Report

05 May, 2011

PATHFINDER
A Schlumberger Company



Pathfinder
Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County	TVD Reference:	WELL @ 3269.90usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3269.90usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

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:		Northing:	388,152.190	usft	Latitude:	32° 3' 56.850 N	
From:	Map	Easting:	720,418.150	usft	Longitude:	103° 45' 18.802 W	
Position Uncertainty:	0.00	usft	Slot Radius:	13-3/16	"	Grid Convergence:	0.31 °

Well		#2H				
Well Position	+N/-S	0.00 usft	Northing:	388,152.190 usft	Latitude:	32° 3' 56.850 N
	+E/-W	0.00 usft	Easting:	720,418.150 usft	Longitude:	103° 45' 18.802 W
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,243.90 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	5/5/2011	7.66	60.03	48,549

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

Survey Tool Program		Date	5/5/2011		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	12,968.76	Plan #1 (OH)	Pathfinder	Pathfinder MWD	



Pathfinder
Pathfinder X&Y Report

PATHFINDER
A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County	TVD Reference:	WELL @ 3269.90usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3269.90usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
0.00	0.00	0.00	0.00	-3,269.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
100.00	0.00	0.00	100.00	-3,169.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
200.00	0.00	0.00	200.00	-3,069.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
300.00	0.00	0.00	300.00	-2,969.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
400.00	0.00	0.00	400.00	-2,869.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
500.00	0.00	0.00	500.00	-2,769.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
600.00	0.00	0.00	600.00	-2,669.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
700.00	0.00	0.00	700.00	-2,569.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
800.00	0.00	0.00	800.00	-2,469.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
900.00	0.00	0.00	900.00	-2,369.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,000.00	0.00	0.00	1,000.00	-2,269.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,100.00	0.00	0.00	1,100.00	-2,169.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,200.00	0.00	0.00	1,200.00	-2,069.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,300.00	0.00	0.00	1,300.00	-1,969.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,400.00	0.00	0.00	1,400.00	-1,869.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,500.00	0.00	0.00	1,500.00	-1,769.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,600.00	0.00	0.00	1,600.00	-1,669.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,700.00	0.00	0.00	1,700.00	-1,569.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,800.00	0.00	0.00	1,800.00	-1,469.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
1,900.00	0.00	0.00	1,900.00	-1,369.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,000.00	0.00	0.00	2,000.00	-1,269.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,100.00	0.00	0.00	2,100.00	-1,169.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,200.00	0.00	0.00	2,200.00	-1,069.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,300.00	0.00	0.00	2,300.00	-969.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,400.00	0.00	0.00	2,400.00	-869.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,500.00	0.00	0.00	2,500.00	-769.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,600.00	0.00	0.00	2,600.00	-669.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	



Pathfinder
Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County	TVD Reference:	WELL @ 3269.90usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3269.90usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (*/100usft)	Northing (usft)	Easting (usft)	
2,700.00	0.00	0.00	2,700.00	-569.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,800.00	0.00	0.00	2,800.00	-469.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
2,900.00	0.00	0.00	2,900.00	-369.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,000.00	0.00	0.00	3,000.00	-269.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,100.00	0.00	0.00	3,100.00	-169.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,200.00	0.00	0.00	3,200.00	-69.90	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,300.00	0.00	0.00	3,300.00	30.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,400.00	0.00	0.00	3,400.00	130.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,500.00	0.00	0.00	3,500.00	230.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,600.00	0.00	0.00	3,600.00	330.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,700.00	0.00	0.00	3,700.00	430.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,800.00	0.00	0.00	3,800.00	530.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
3,900.00	0.00	0.00	3,900.00	630.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,000.00	0.00	0.00	4,000.00	730.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,100.00	0.00	0.00	4,100.00	830.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,200.00	0.00	0.00	4,200.00	930.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,300.00	0.00	0.00	4,300.00	1,030.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,400.00	0.00	0.00	4,400.00	1,130.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,500.00	0.00	0.00	4,500.00	1,230.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,600.00	0.00	0.00	4,600.00	1,330.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,700.00	0.00	0.00	4,700.00	1,430.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,800.00	0.00	0.00	4,800.00	1,530.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
4,900.00	0.00	0.00	4,900.00	1,630.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
5,000.00	0.00	0.00	5,000.00	1,730.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
5,100.00	0.00	0.00	5,100.00	1,830.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
5,200.00	0.00	0.00	5,200.00	1,930.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	
5,300.00	0.00	0.00	5,300.00	2,030.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15	



Pathfinder
Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Snapping 2 State
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference: WELL @ 3269.90usft (Original Well Elev)
MD Reference: WELL @ 3269.90usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
5,400.00	0.00	0.00	5,400.00	2,130.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
5,500.00	0.00	0.00	5,500.00	2,230.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
5,600.00	0.00	0.00	5,600.00	2,330.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
5,700.00	0.00	0.00	5,700.00	2,430.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
5,800.00	0.00	0.00	5,800.00	2,530.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
5,900.00	0.00	0.00	5,900.00	2,630.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,000.00	0.00	0.00	6,000.00	2,730.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,100.00	0.00	0.00	6,100.00	2,830.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,200.00	0.00	0.00	6,200.00	2,930.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,300.00	0.00	0.00	6,300.00	3,030.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,400.00	0.00	0.00	6,400.00	3,130.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,500.00	0.00	0.00	6,500.00	3,230.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,600.00	0.00	0.00	6,600.00	3,330.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,700.00	0.00	0.00	6,700.00	3,430.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,800.00	0.00	0.00	6,800.00	3,530.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
6,900.00	0.00	0.00	6,900.00	3,630.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,000.00	0.00	0.00	7,000.00	3,730.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,100.00	0.00	0.00	7,100.00	3,830.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,200.00	0.00	0.00	7,200.00	3,930.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,300.00	0.00	0.00	7,300.00	4,030.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,400.00	0.00	0.00	7,400.00	4,130.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,500.00	0.00	0.00	7,500.00	4,230.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,600.00	0.00	0.00	7,600.00	4,330.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,700.00	0.00	0.00	7,700.00	4,430.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,800.00	0.00	0.00	7,800.00	4,530.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,818.00	0.00	0.00	7,818.00	4,548.10	0.00	0.00	0.00	0.00	388,152.19	720,418.15
7,850.00	3.20	70.66	7,849.98	4,580.08	0.30	0.84	0.30	10.00	388,152.49	720,418.99



Pathfinder
Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County	TVD Reference:	WELL @ 3269.90usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3269.90usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
7,900.00	8.20	70.66	7,899.72	4,629.82	1.94	5.53	1.94	10.00	388,154.13	720,423.68
7,950.00	13.20	70.66	7,948.84	4,678.94	5.01	14.28	5.01	10.00	388,157.20	720,432.43
8,000.00	18.20	70.66	7,996.95	4,727.05	9.49	27.05	9.49	10.00	388,161.68	720,445.20
8,050.00	23.20	70.66	8,043.71	4,773.81	15.34	43.72	15.34	10.00	388,167.53	720,461.87
8,096.89	27.89	70.66	8,086.01	4,816.11	22.04	62.79	22.04	10.00	388,174.23	720,480.94
8,097.80	27.89	70.66	8,086.81	4,816.91	22.18	63.19	22.18	0.00	388,174.37	720,481.34
8,100.00	27.96	70.21	8,088.76	4,818.86	22.53	64.16	22.53	10.00	388,174.72	720,482.31
8,150.00	29.82	60.60	8,132.56	4,862.66	32.60	86.03	32.60	10.00	388,184.79	720,504.18
8,200.00	32.30	52.17	8,175.40	4,905.50	46.91	107.43	46.91	10.00	388,199.10	720,525.58
8,250.00	35.27	44.92	8,216.97	4,947.07	65.34	128.19	65.34	10.00	388,217.53	720,546.34
8,300.00	38.60	38.72	8,256.95	4,987.05	87.74	148.15	87.74	10.00	388,239.93	720,566.30
8,350.00	42.22	33.39	8,295.02	5,025.12	113.96	167.16	113.96	10.00	388,266.15	720,585.31
8,400.00	46.05	28.77	8,330.91	5,061.01	143.78	185.08	143.78	10.00	388,295.97	720,603.23
8,450.00	50.05	24.73	8,364.33	5,094.43	176.99	201.77	176.99	10.00	388,329.18	720,619.92
8,500.00	54.17	21.13	8,395.04	5,125.14	213.32	217.11	213.32	10.00	388,365.51	720,635.26
8,550.00	58.39	17.90	8,422.80	5,152.90	252.51	230.97	252.51	10.00	388,404.70	720,649.12
8,600.00	62.68	14.95	8,447.39	5,177.49	294.26	243.25	294.26	10.00	388,446.45	720,661.40
8,650.00	67.02	12.22	8,468.64	5,198.74	338.24	253.86	338.24	10.00	388,490.43	720,672.01
8,700.00	71.42	9.67	8,486.38	5,216.48	384.12	262.72	384.12	10.00	388,536.31	720,680.87
8,750.00	75.84	7.24	8,500.47	5,230.57	431.56	269.76	431.56	10.00	388,583.75	720,687.91
8,800.00	80.29	4.90	8,510.81	5,240.91	480.19	274.92	480.19	10.00	388,632.38	720,693.07
8,850.00	84.75	2.63	8,517.31	5,247.41	529.64	278.17	529.64	10.00	388,681.83	720,696.32
8,900.00	89.22	0.39	8,519.94	5,250.04	579.54	279.48	579.54	10.00	388,731.73	720,697.63
8,908.68	90.00	0.00	8,520.00	5,250.10	588.22	279.51	588.22	10.00	388,740.41	720,697.66
9,000.00	90.00	0.00	8,520.00	5,250.10	679.54	279.51	679.54	0.00	388,831.73	720,697.66
9,100.00	90.00	0.00	8,520.00	5,250.10	779.54	279.51	779.54	0.00	388,931.73	720,697.66
9,200.00	90.00	0.00	8,520.00	5,250.10	879.54	279.51	879.54	0.00	389,031.73	720,697.66



Pathfinder
Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County	TVD Reference:	WELL @ 3269.90usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3269.90usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
9,300.00	90.00	0.00	8,520.00	5,250.10	979.54	279.51	979.54	0.00	389,131.73	720,697.66	
9,400.00	90.00	0.00	8,520.00	5,250.10	1,079.54	279.51	1,079.54	0.00	389,231.73	720,697.66	
9,500.00	90.00	0.00	8,520.00	5,250.10	1,179.54	279.51	1,179.54	0.00	389,331.73	720,697.66	
9,600.00	90.00	0.00	8,520.00	5,250.10	1,279.54	279.51	1,279.54	0.00	389,431.73	720,697.66	
9,700.00	90.00	0.00	8,520.00	5,250.10	1,379.54	279.51	1,379.54	0.00	389,531.73	720,697.66	
9,800.00	90.00	0.00	8,520.00	5,250.10	1,479.54	279.51	1,479.54	0.00	389,631.73	720,697.66	
9,900.00	90.00	0.00	8,520.00	5,250.10	1,579.54	279.51	1,579.54	0.00	389,731.73	720,697.66	
10,000.00	90.00	0.00	8,520.00	5,250.10	1,679.54	279.51	1,679.54	0.00	389,831.73	720,697.66	
10,100.00	90.00	0.00	8,520.00	5,250.10	1,779.54	279.51	1,779.54	0.00	389,931.73	720,697.66	
10,200.00	90.00	0.00	8,520.00	5,250.10	1,879.54	279.51	1,879.54	0.00	390,031.73	720,697.66	
10,300.00	90.00	0.00	8,520.00	5,250.10	1,979.54	279.51	1,979.54	0.00	390,131.73	720,697.66	
10,400.00	90.00	0.00	8,520.00	5,250.10	2,079.54	279.51	2,079.54	0.00	390,231.73	720,697.66	
10,500.00	90.00	0.00	8,520.00	5,250.10	2,179.54	279.51	2,179.54	0.00	390,331.73	720,697.66	
10,600.00	90.00	0.00	8,520.00	5,250.10	2,279.54	279.51	2,279.54	0.00	390,431.73	720,697.66	
10,700.00	90.00	0.00	8,520.00	5,250.10	2,379.54	279.51	2,379.54	0.00	390,531.73	720,697.66	
10,800.00	90.00	0.00	8,520.00	5,250.10	2,479.54	279.51	2,479.54	0.00	390,631.73	720,697.66	
10,900.00	90.00	0.00	8,520.00	5,250.10	2,579.54	279.51	2,579.54	0.00	390,731.73	720,697.66	
11,000.00	90.00	0.00	8,520.00	5,250.10	2,679.54	279.51	2,679.54	0.00	390,831.73	720,697.66	
11,100.00	90.00	0.00	8,520.00	5,250.10	2,779.54	279.51	2,779.54	0.00	390,931.73	720,697.66	
11,200.00	90.00	0.00	8,520.00	5,250.10	2,879.54	279.51	2,879.54	0.00	391,031.73	720,697.66	
11,300.00	90.00	0.00	8,520.00	5,250.10	2,979.54	279.51	2,979.54	0.00	391,131.73	720,697.66	
11,400.00	90.00	0.00	8,520.00	5,250.10	3,079.54	279.51	3,079.54	0.00	391,231.73	720,697.66	
11,500.00	90.00	0.00	8,520.00	5,250.10	3,179.54	279.51	3,179.54	0.00	391,331.73	720,697.66	
11,600.00	90.00	0.00	8,520.00	5,250.10	3,279.54	279.51	3,279.54	0.00	391,431.73	720,697.66	
11,700.00	90.00	0.00	8,520.00	5,250.10	3,379.54	279.51	3,379.54	0.00	391,531.73	720,697.66	
11,800.00	90.00	0.00	8,520.00	5,250.10	3,479.54	279.51	3,479.54	0.00	391,631.73	720,697.66	
11,900.00	90.00	0.00	8,520.00	5,250.10	3,579.54	279.51	3,579.54	0.00	391,731.73	720,697.66	



Pathfinder
Pathfinder X&Y Report



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Site:	Snapping 2 State	MD Reference:	WELL @ 3269.90usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
12,000.00	90.00	0.00	8,520.00	5,250.10	3,679.54	279.51	3,679.54	0.00	391,831.73	720,697.66	
12,100.00	90.00	0.00	8,520.00	5,250.10	3,779.54	279.51	3,779.54	0.00	391,931.73	720,697.66	
12,200.00	90.00	0.00	8,520.00	5,250.10	3,879.54	279.51	3,879.54	0.00	392,031.73	720,697.66	
12,300.00	90.00	0.00	8,520.00	5,250.10	3,979.54	279.51	3,979.54	0.00	392,131.73	720,697.66	
12,400.00	90.00	0.00	8,520.00	5,250.10	4,079.54	279.51	4,079.54	0.00	392,231.73	720,697.66	
12,500.00	90.00	0.00	8,520.00	5,250.10	4,179.54	279.51	4,179.54	0.00	392,331.73	720,697.66	
12,600.00	90.00	0.00	8,520.00	5,250.10	4,279.54	279.51	4,279.54	0.00	392,431.73	720,697.66	
12,700.00	90.00	0.00	8,520.00	5,250.10	4,379.54	279.51	4,379.54	0.00	392,531.73	720,697.66	
12,800.00	90.00	0.00	8,520.00	5,250.10	4,479.54	279.51	4,479.54	0.00	392,631.73	720,697.66	
12,900.00	90.00	0.00	8,520.00	5,250.10	4,579.54	279.51	4,579.54	0.00	392,731.73	720,697.66	
12,969.18	90.00	0.00	8,520.00	5,250.10	4,648.72	279.51	4,648.72	0.00	392,800.91	720,697.66	

Checked By: _____	Approved By: _____	Date: _____
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