

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1381 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 30-015-39036	² Pool Code 96403	³ Pool Name Wildcat AVALON; BONE SPRING
⁴ Property Code 38600	⁵ Property Name SNAPPING 2 STATE	
⁶ OGRID No. 6137	⁷ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁸ Well Number 3H
		⁹ Elevation 3244.1

¹⁰ Surface Location

U/L 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

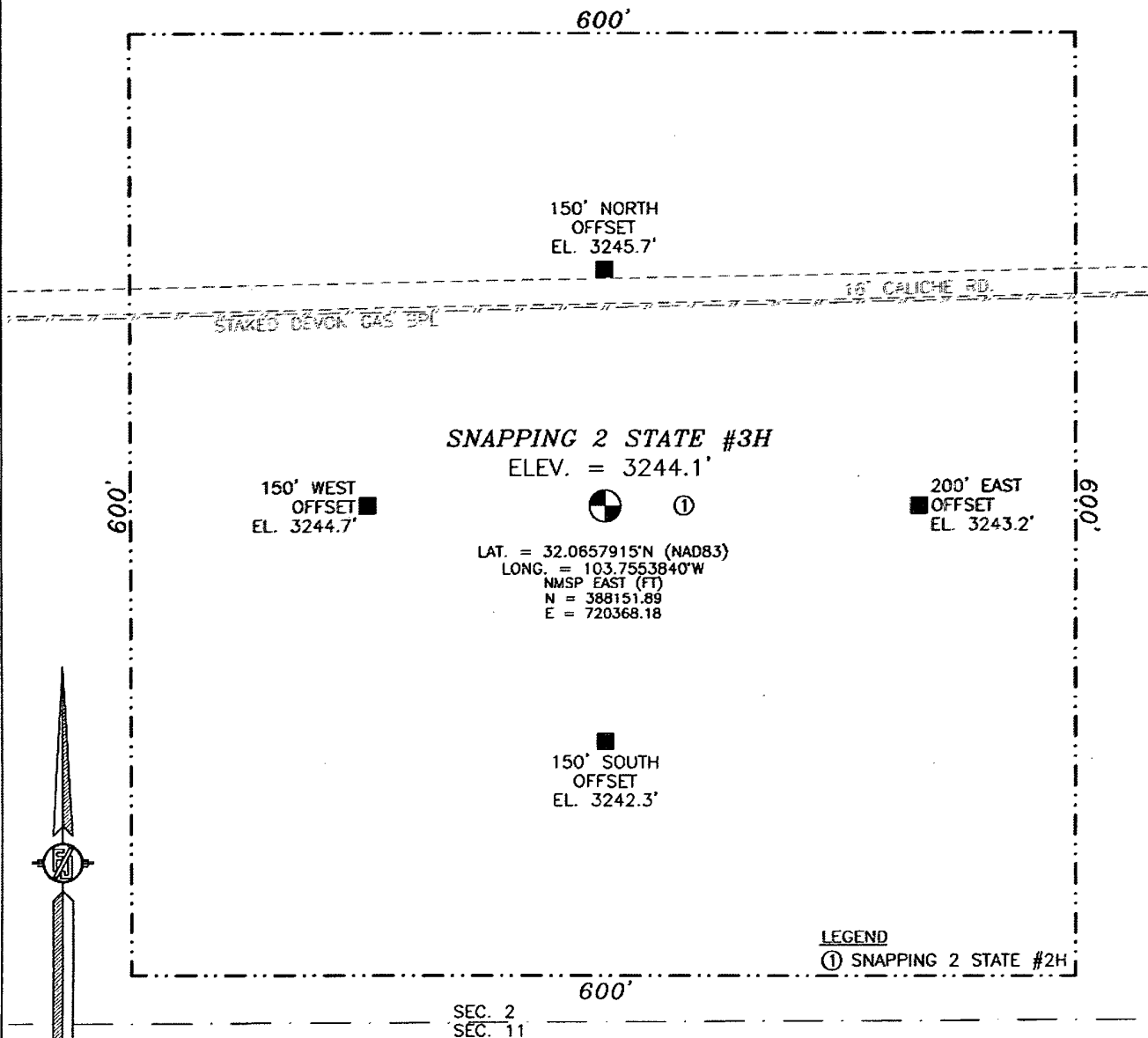
U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	26 S	31 E		330	NORTH	400	WEST	EDDY

¹² 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.

NE CORNER SEC. 2 LAT. = 32.0795018°N LONG. = 103.7402522°W NMSP EAST (FT) N = 393164.77 E = 725028.21 BOTTOM OF HOLE LAT. = 32.0785623°N LONG. = 103.7561447°W NMSP EAST (FT) N = 392796.37 E = 720107.57 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 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 RECEIVED MAY 13 2011 NMOCD ARTESIA	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Judy A. Barnett</i> Printed Name: Judy A. Barnett Date: 5/12/11 Title: 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>[Seal]</i> Certificate Number: 11799 SURVEY NO. 436
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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 #3H

LOCATED 330 FT. FROM THE SOUTH LINE
AND 630 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

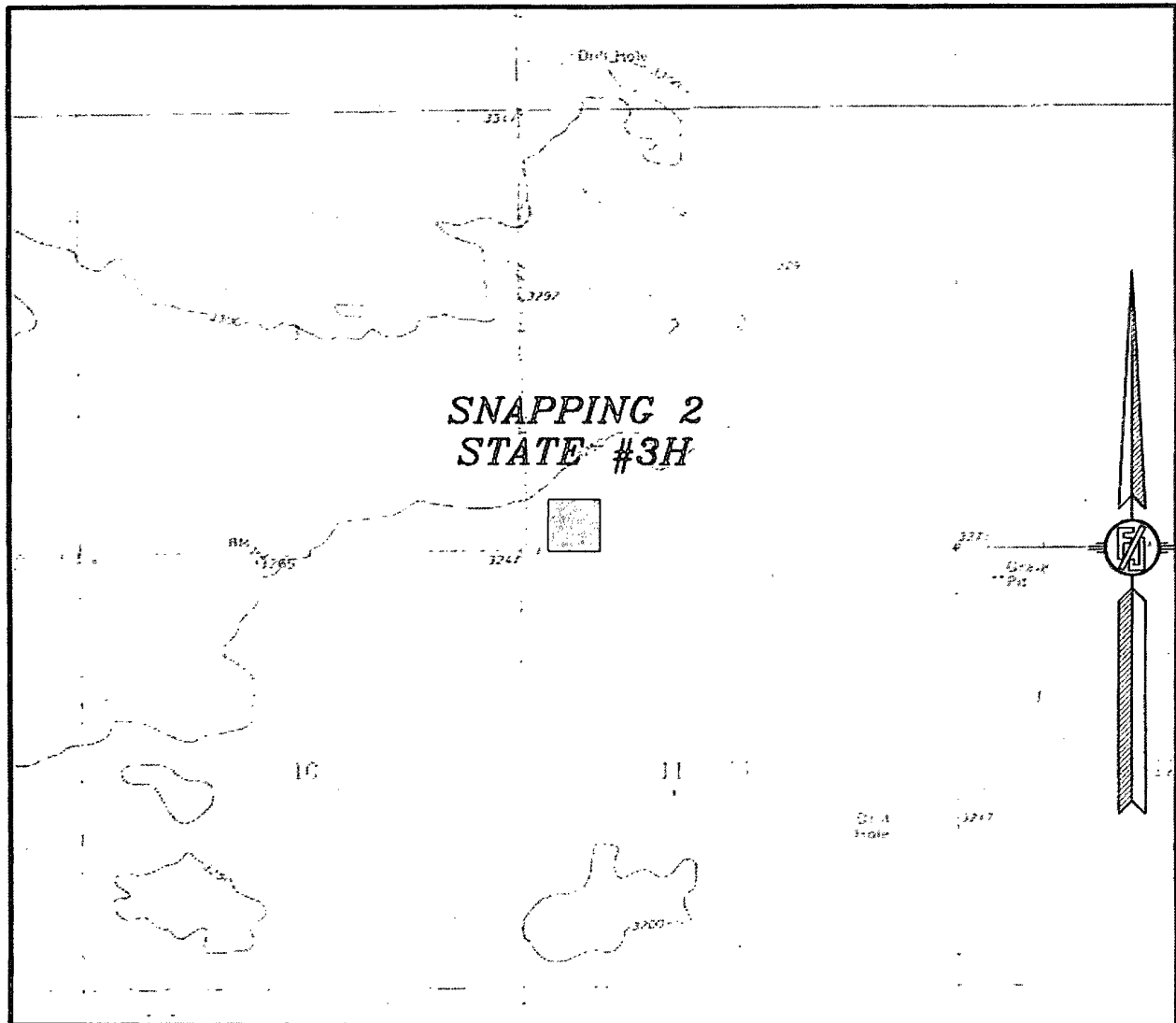
SURVEY NO. 436

MADRON SURVEYING, INC.

361 SOUTH CANAL
(575) 887-5830

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 #3H

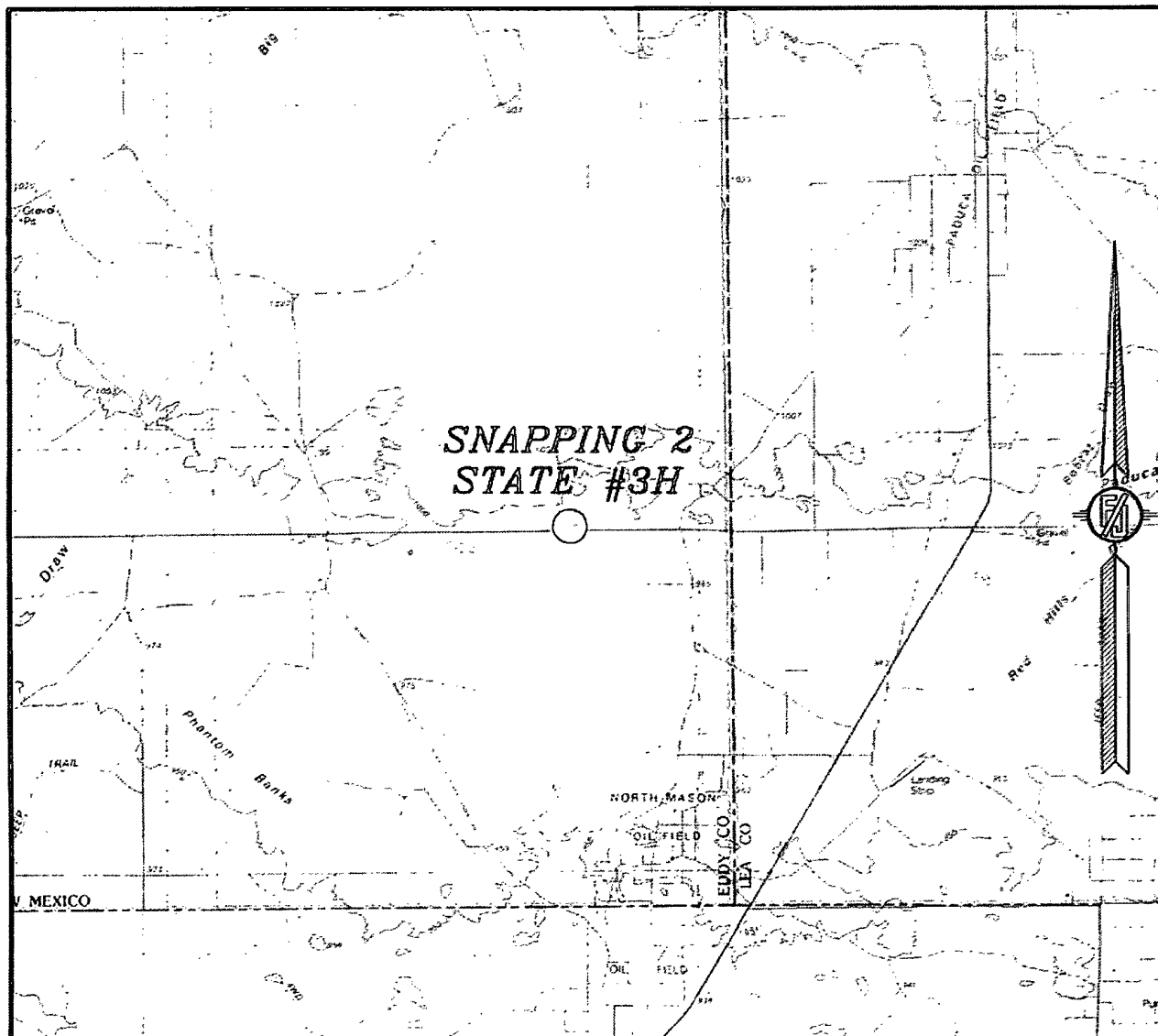
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SECTION 2, TOWNSHIP 26 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

APRIL 7, 2011

SURVEY NO. 436

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 687-5810 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 #3H

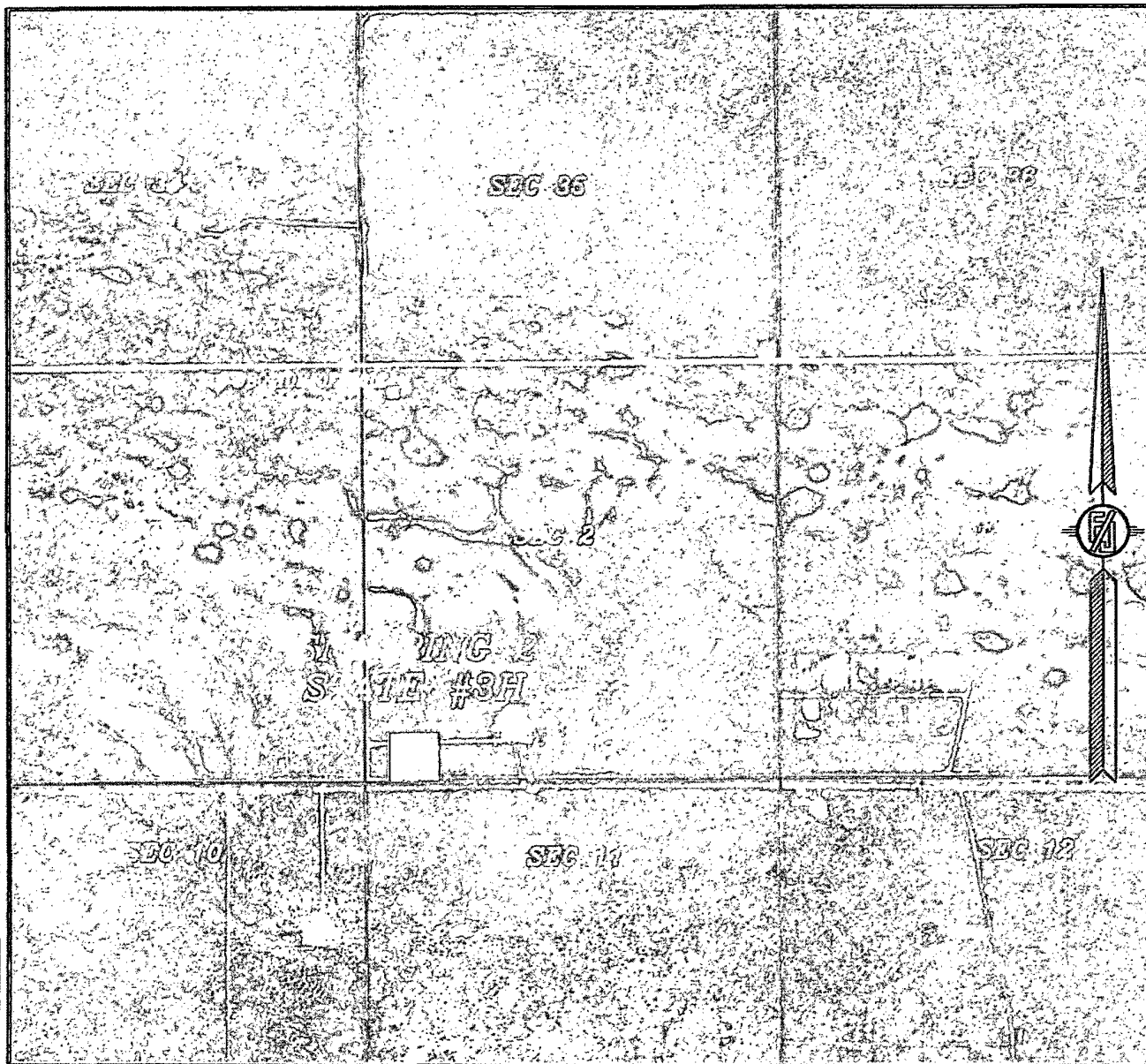
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EDDY COUNTY, STATE OF NEW MEXICO

APRIL 7, 2011

SURVEY NO. 436

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 827-5830 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 #3H

LOCATED 330 FT. FROM THE SOUTH LINE
AND 630 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. 436

MADRON SURVEYING, INC. 501 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 887-5830



Project: Eddy County
Site: Snapping 2 State
Well: #3H
Wellbore: OH
Plan: Plan #1 (#3H/OH)

PATHFINDER
A Schlumberger Company

RECEIVED

MAY 13 2011

NMOCD ARTESIA

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: -0.31°
Magnetic North: 7.35°

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

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	8360.00	0.00	0.00	8360.00	0.00	0.00	0.00	0.00	0.00	
3	8645.64	28.56	296.38	8633.96	30.99	-62.48	10.00	296.38	30.99	
4	8648.19	28.56	296.38	8634.43	31.10	-62.71	0.00	0.00	31.10	
5	9423.52	90.00	0.00	9040.00	590.98	-260.51	10.00	56.46	590.98	
6	13477.02	90.00	0.00	9040.00	4644.48	-260.51	0.00	0.00	4644.48	BHL (Snapping #3H)

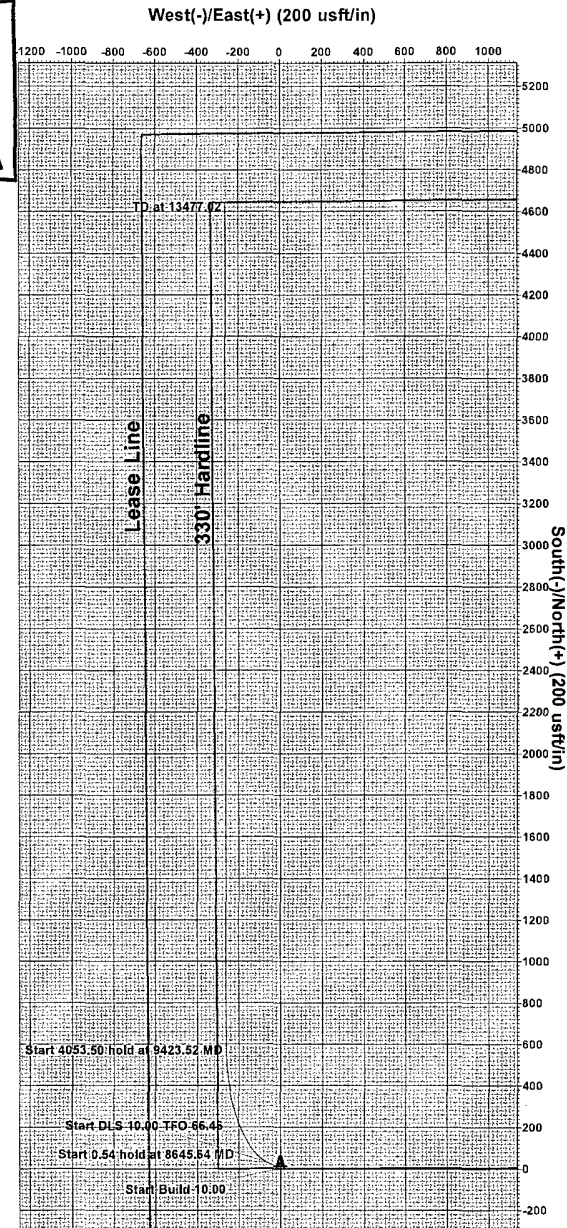
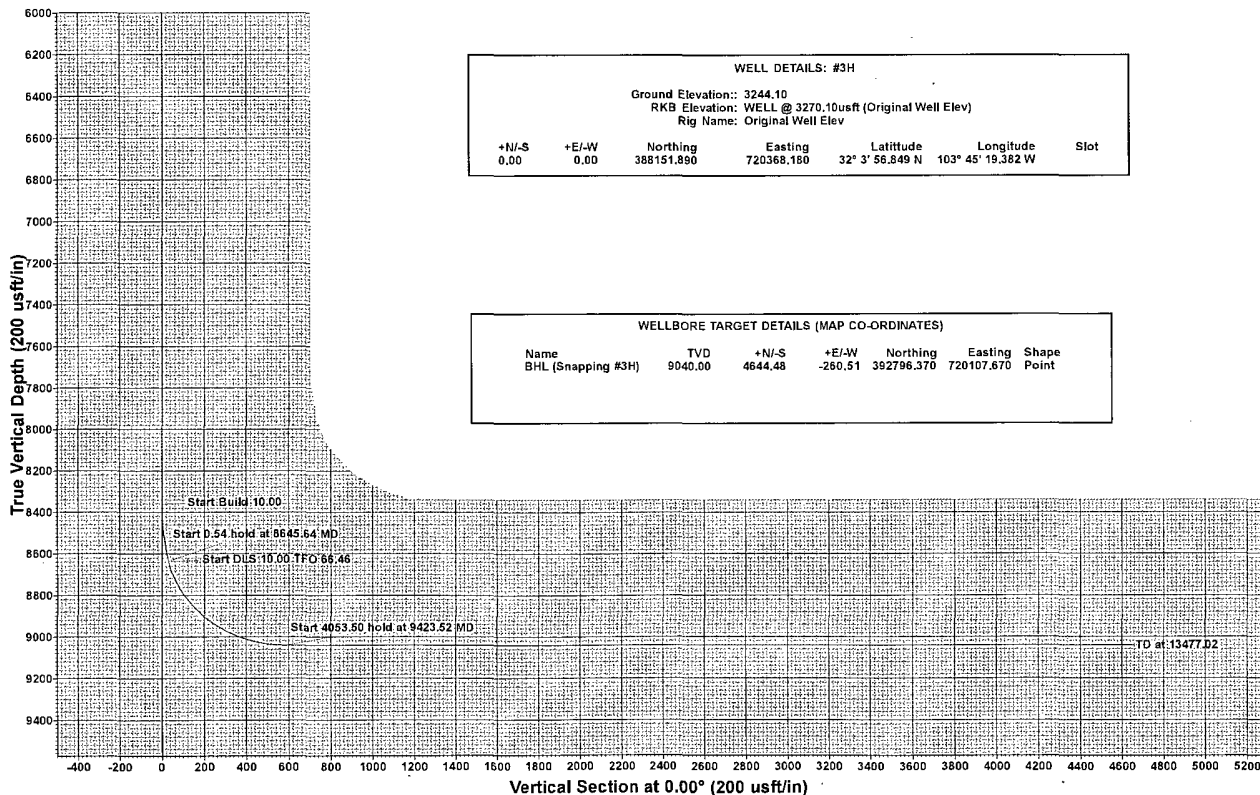
WELL DETAILS: #3H

Ground Elevation: 3244.10
RKB Elevation: WELL @ 3270.10usft (Original Well Elev)
Rig Name: Original Well Elev

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	388151.890	720368.160	32° 3' 56.849 N	103° 45' 19.382 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (Snapping #3H)	9040.00	4644.48	-260.51	392796.370	720107.670	Point



Plan: Plan #1 (#3H/OH)

Created By: Nate Bingham Date: 14:31, May 05 2011



Devon Energy, Inc.

Eddy County

Snapping 2 State

#3H

OH

Plan: Plan #1

Pathfinder X&Y Report

05 May, 2011

PATHFINDER
A Schlumberger Company



Pathfinder
Pathfinder X&Y Report

PATHFINDER
A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3270.10usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3270.10usft (Original Well Elev)
Well:	#3H	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		#3H				
Well Position	+N/-S	0.00 usft	Northing:	388,151.890 usft	Latitude:	32° 3' 56.849 N
	+E/-W	0.00 usft	Easting:	720,368.180 usft	Longitude:	103° 45' 19.382 W
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,244.10 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	To	Survey (Wellbore)	Tool Name	Description	
(usft)	(usft)				
0.00	13,477.02	Plan #1 (OH)	Pathfinder	Pathfinder MWD	



Pathfinder
Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Snapping 2 State
Well: #3H
Wellbore: OH
Design: Plan #1

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

Well #3H
WELL @ 3270.10usft (Original Well Elev)
WELL @ 3270.10usft (Original Well Elev)
Grid
Minimum Curvature
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	-3,270.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
100.00	0.00	0.00	100.00	-3,170.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
200.00	0.00	0.00	200.00	-3,070.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
300.00	0.00	0.00	300.00	-2,970.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
400.00	0.00	0.00	400.00	-2,870.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
500.00	0.00	0.00	500.00	-2,770.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
600.00	0.00	0.00	600.00	-2,670.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
700.00	0.00	0.00	700.00	-2,570.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
800.00	0.00	0.00	800.00	-2,470.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
900.00	0.00	0.00	900.00	-2,370.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,000.00	0.00	0.00	1,000.00	-2,270.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,100.00	0.00	0.00	1,100.00	-2,170.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,200.00	0.00	0.00	1,200.00	-2,070.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,300.00	0.00	0.00	1,300.00	-1,970.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,400.00	0.00	0.00	1,400.00	-1,870.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,500.00	0.00	0.00	1,500.00	-1,770.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,600.00	0.00	0.00	1,600.00	-1,670.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,700.00	0.00	0.00	1,700.00	-1,570.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,800.00	0.00	0.00	1,800.00	-1,470.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
1,900.00	0.00	0.00	1,900.00	-1,370.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
2,000.00	0.00	0.00	2,000.00	-1,270.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
2,100.00	0.00	0.00	2,100.00	-1,170.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
2,200.00	0.00	0.00	2,200.00	-1,070.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
2,300.00	0.00	0.00	2,300.00	-970.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
2,400.00	0.00	0.00	2,400.00	-870.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
2,500.00	0.00	0.00	2,500.00	-770.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18
2,600.00	0.00	0.00	2,600.00	-670.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18



Pathfinder
Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3270.10usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3270.10usft (Original Well Elev)
Well:	#3H	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	-570.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
2,800.00	0.00	0.00	2,800.00	-470.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
2,900.00	0.00	0.00	2,900.00	-370.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,000.00	0.00	0.00	3,000.00	-270.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,100.00	0.00	0.00	3,100.00	-170.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,200.00	0.00	0.00	3,200.00	-70.10	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,300.00	0.00	0.00	3,300.00	29.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,400.00	0.00	0.00	3,400.00	129.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,500.00	0.00	0.00	3,500.00	229.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,600.00	0.00	0.00	3,600.00	329.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,700.00	0.00	0.00	3,700.00	429.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,800.00	0.00	0.00	3,800.00	529.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
3,900.00	0.00	0.00	3,900.00	629.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,000.00	0.00	0.00	4,000.00	729.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,100.00	0.00	0.00	4,100.00	829.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,200.00	0.00	0.00	4,200.00	929.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,300.00	0.00	0.00	4,300.00	1,029.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,400.00	0.00	0.00	4,400.00	1,129.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,500.00	0.00	0.00	4,500.00	1,229.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,600.00	0.00	0.00	4,600.00	1,329.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,700.00	0.00	0.00	4,700.00	1,429.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,800.00	0.00	0.00	4,800.00	1,529.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
4,900.00	0.00	0.00	4,900.00	1,629.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,000.00	0.00	0.00	5,000.00	1,729.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,100.00	0.00	0.00	5,100.00	1,829.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,200.00	0.00	0.00	5,200.00	1,929.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,300.00	0.00	0.00	5,300.00	2,029.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	



Pathfinder
Pathfinder X&Y Report

PATHFINDER
A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3270:10usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3270:10usft (Original Well Elev)
Well:	#3H	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)	
5,400.00	0.00	0.00	5,400.00	2,129.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,500.00	0.00	0.00	5,500.00	2,229.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,600.00	0.00	0.00	5,600.00	2,329.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,700.00	0.00	0.00	5,700.00	2,429.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,800.00	0.00	0.00	5,800.00	2,529.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
5,900.00	0.00	0.00	5,900.00	2,629.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,000.00	0.00	0.00	6,000.00	2,729.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,100.00	0.00	0.00	6,100.00	2,829.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,200.00	0.00	0.00	6,200.00	2,929.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,300.00	0.00	0.00	6,300.00	3,029.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,400.00	0.00	0.00	6,400.00	3,129.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,500.00	0.00	0.00	6,500.00	3,229.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,600.00	0.00	0.00	6,600.00	3,329.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,700.00	0.00	0.00	6,700.00	3,429.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,800.00	0.00	0.00	6,800.00	3,529.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
6,900.00	0.00	0.00	6,900.00	3,629.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,000.00	0.00	0.00	7,000.00	3,729.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,100.00	0.00	0.00	7,100.00	3,829.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,200.00	0.00	0.00	7,200.00	3,929.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,300.00	0.00	0.00	7,300.00	4,029.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,400.00	0.00	0.00	7,400.00	4,129.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,500.00	0.00	0.00	7,500.00	4,229.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,600.00	0.00	0.00	7,600.00	4,329.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,700.00	0.00	0.00	7,700.00	4,429.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,800.00	0.00	0.00	7,800.00	4,529.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
7,900.00	0.00	0.00	7,900.00	4,629.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
8,000.00	0.00	0.00	8,000.00	4,729.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	



Pathfinder
Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3270.10usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3270.10usft (Original Well Elev)
Well:	#3H	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)	
8,100.00	0.00	0.00	8,100.00	4,829.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
8,200.00	0.00	0.00	8,200.00	4,929.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
8,300.00	0.00	0.00	8,300.00	5,029.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
8,360.00	0.00	0.00	8,360.00	5,089.90	0.00	0.00	0.00	0.00	388,151.89	720,368.18	
8,400.00	4.00	296.38	8,399.97	5,129.87	0.62	-1.25	0.62	10.00	388,152.51	720,366.93	
8,450.00	9.00	296.38	8,449.63	5,179.53	3.13	-6.32	3.13	10.00	388,155.02	720,361.86	
8,500.00	14.00	296.38	8,498.61	5,228.51	7.56	-15.25	7.56	10.00	388,159.45	720,352.93	
8,550.00	19.00	296.38	8,546.54	5,276.44	13.87	-27.96	13.87	10.00	388,165.76	720,340.22	
8,600.00	24.00	296.38	8,593.04	5,322.94	22.01	-44.38	22.01	10.00	388,173.90	720,323.80	
8,645.64	28.56	296.38	8,633.96	5,363.86	30.99	-62.48	30.99	10.00	388,182.88	720,305.70	
8,646.19	28.56	296.38	8,634.43	5,364.33	31.10	-62.71	31.10	0.00	388,182.99	720,305.47	
8,650.00	28.72	297.11	8,637.78	5,367.68	31.93	-64.34	31.93	10.00	388,183.82	720,303.84	
8,700.00	31.07	305.97	8,681.15	5,411.05	44.99	-85.49	44.99	10.00	388,196.88	720,282.69	
8,750.00	33.95	313.59	8,723.32	5,453.22	62.20	-106.06	62.20	10.00	388,214.09	720,262.12	
8,800.00	37.23	320.08	8,763.99	5,493.89	83.44	-125.90	83.44	10.00	388,235.33	720,242.28	
8,850.00	40.82	325.62	8,802.84	5,532.74	108.55	-144.84	108.55	10.00	388,260.44	720,223.34	
8,900.00	44.63	330.39	8,839.57	5,569.47	137.32	-162.76	137.32	10.00	388,289.21	720,205.42	
8,950.00	48.62	334.55	8,873.91	5,603.81	169.55	-179.51	169.55	10.00	388,321.44	720,188.67	
9,000.00	52.73	338.22	8,905.60	5,635.50	204.99	-194.96	204.99	10.00	388,356.88	720,173.22	
9,050.00	56.95	341.50	8,934.39	5,664.29	243.36	-209.00	243.36	10.00	388,395.25	720,159.18	
9,100.00	61.25	344.48	8,960.06	5,689.96	284.38	-221.52	284.38	10.00	388,436.27	720,146.66	
9,150.00	65.61	347.22	8,982.42	5,712.32	327.73	-232.43	327.73	10.00	388,479.62	720,135.75	
9,200.00	70.01	349.78	9,001.31	5,731.21	373.08	-241.64	373.08	10.00	388,524.97	720,126.54	
9,250.00	74.45	352.20	9,016.56	5,746.46	420.10	-249.08	420.10	10.00	388,571.99	720,119.10	
9,300.00	78.91	354.52	9,028.08	5,757.98	468.41	-254.70	468.41	10.00	388,620.30	720,113.48	
9,350.00	83.40	356.76	9,035.77	5,765.67	517.66	-258.45	517.66	10.00	388,669.55	720,109.73	
9,400.00	87.89	358.97	9,039.57	5,769.47	567.46	-260.30	567.46	10.00	388,719.35	720,107.88	



Pathfinder
Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3270.10usft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3270.10usft (Original Well Elev)
Well:	#3H	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)	
9,423.52	90.00	0.00	9,040.00	5,769.90	590.98	-260.51	590.98	10.00	388,742.87	720,107.67	
9,500.00	90.00	0.00	9,040.00	5,769.90	667.46	-260.51	667.46	0.00	388,819.35	720,107.67	
9,600.00	90.00	0.00	9,040.00	5,769.90	767.46	-260.51	767.46	0.00	388,919.35	720,107.67	
9,700.00	90.00	0.00	9,040.00	5,769.90	867.46	-260.51	867.46	0.00	389,019.35	720,107.67	
9,800.00	90.00	0.00	9,040.00	5,769.90	967.46	-260.51	967.46	0.00	389,119.35	720,107.67	
9,900.00	90.00	0.00	9,040.00	5,769.90	1,067.46	-260.51	1,067.46	0.00	389,219.35	720,107.67	
10,000.00	90.00	0.00	9,040.00	5,769.90	1,167.46	-260.51	1,167.46	0.00	389,319.35	720,107.67	
10,100.00	90.00	0.00	9,040.00	5,769.90	1,267.46	-260.51	1,267.46	0.00	389,419.35	720,107.67	
10,200.00	90.00	0.00	9,040.00	5,769.90	1,367.46	-260.51	1,367.46	0.00	389,519.35	720,107.67	
10,300.00	90.00	0.00	9,040.00	5,769.90	1,467.46	-260.51	1,467.46	0.00	389,619.35	720,107.67	
10,400.00	90.00	0.00	9,040.00	5,769.90	1,567.46	-260.51	1,567.46	0.00	389,719.35	720,107.67	
10,500.00	90.00	0.00	9,040.00	5,769.90	1,667.46	-260.51	1,667.46	0.00	389,819.35	720,107.67	
10,600.00	90.00	0.00	9,040.00	5,769.90	1,767.46	-260.51	1,767.46	0.00	389,919.35	720,107.67	
10,700.00	90.00	0.00	9,040.00	5,769.90	1,867.46	-260.51	1,867.46	0.00	390,019.35	720,107.67	
10,800.00	90.00	0.00	9,040.00	5,769.90	1,967.46	-260.51	1,967.46	0.00	390,119.35	720,107.67	
10,900.00	90.00	0.00	9,040.00	5,769.90	2,067.46	-260.51	2,067.46	0.00	390,219.35	720,107.67	
11,000.00	90.00	0.00	9,040.00	5,769.90	2,167.46	-260.51	2,167.46	0.00	390,319.35	720,107.67	
11,100.00	90.00	0.00	9,040.00	5,769.90	2,267.46	-260.51	2,267.46	0.00	390,419.35	720,107.67	
11,200.00	90.00	0.00	9,040.00	5,769.90	2,367.46	-260.51	2,367.46	0.00	390,519.35	720,107.67	
11,300.00	90.00	0.00	9,040.00	5,769.90	2,467.46	-260.51	2,467.46	0.00	390,619.35	720,107.67	
11,400.00	90.00	0.00	9,040.00	5,769.90	2,567.46	-260.51	2,567.46	0.00	390,719.35	720,107.67	
11,500.00	90.00	0.00	9,040.00	5,769.90	2,667.46	-260.51	2,667.46	0.00	390,819.35	720,107.67	
11,600.00	90.00	0.00	9,040.00	5,769.90	2,767.46	-260.51	2,767.46	0.00	390,919.35	720,107.67	
11,700.00	90.00	0.00	9,040.00	5,769.90	2,867.46	-260.51	2,867.46	0.00	391,019.35	720,107.67	
11,800.00	90.00	0.00	9,040.00	5,769.90	2,967.46	-260.51	2,967.46	0.00	391,119.35	720,107.67	
11,900.00	90.00	0.00	9,040.00	5,769.90	3,067.46	-260.51	3,067.46	0.00	391,219.35	720,107.67	
12,000.00	90.00	0.00	9,040.00	5,769.90	3,167.46	-260.51	3,167.46	0.00	391,319.35	720,107.67	



Pathfinder
Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County
Site: Snapping 2 State
Well: #3H
Wellbore: OH
Design: Plan #1

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

Well #3H
WELL @ 3270.10usft (Original Well Elev)
WELL @ 3270.10usft (Original Well Elev)
Grid
Minimum Curvature
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)
12,100.00	90.00	0.00	9,040.00	5,769.90	3,267.46	-260.51	3,267.46	0.00	391,419.35	720,107.67
12,200.00	90.00	0.00	9,040.00	5,769.90	3,367.46	-260.51	3,367.46	0.00	391,519.35	720,107.67
12,300.00	90.00	0.00	9,040.00	5,769.90	3,467.46	-260.51	3,467.46	0.00	391,619.35	720,107.67
12,400.00	90.00	0.00	9,040.00	5,769.90	3,567.46	-260.51	3,567.46	0.00	391,719.35	720,107.67
12,500.00	90.00	0.00	9,040.00	5,769.90	3,667.46	-260.51	3,667.46	0.00	391,819.35	720,107.67
12,600.00	90.00	0.00	9,040.00	5,769.90	3,767.46	-260.51	3,767.46	0.00	391,919.35	720,107.67
12,700.00	90.00	0.00	9,040.00	5,769.90	3,867.46	-260.51	3,867.46	0.00	392,019.35	720,107.67
12,800.00	90.00	0.00	9,040.00	5,769.90	3,967.46	-260.51	3,967.46	0.00	392,119.35	720,107.67
12,900.00	90.00	0.00	9,040.00	5,769.90	4,067.46	-260.51	4,067.46	0.00	392,219.35	720,107.67
13,000.00	90.00	0.00	9,040.00	5,769.90	4,167.46	-260.51	4,167.46	0.00	392,319.35	720,107.67
13,100.00	90.00	0.00	9,040.00	5,769.90	4,267.46	-260.51	4,267.46	0.00	392,419.35	720,107.67
13,200.00	90.00	0.00	9,040.00	5,769.90	4,367.46	-260.51	4,367.46	0.00	392,519.35	720,107.67
13,300.00	90.00	0.00	9,040.00	5,769.90	4,467.46	-260.51	4,467.46	0.00	392,619.35	720,107.67
13,400.00	90.00	0.00	9,040.00	5,769.90	4,567.46	-260.51	4,567.46	0.00	392,719.35	720,107.67
13,477.02	90.00	0.00	9,040.00	5,769.90	4,644.48	-260.51	4,644.48	0.00	392,796.37	720,107.67

Checked By: _____ Approved By: _____ Date: _____