

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 593-6161 Fax: (575) 393-0720
District II
311 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

RECEIVED

MAR 06 2013

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number: 30-015-41171 97837		2. Pool Code: WILDCAT; 6-02 52427030		3. Pool Name: WILDCAT, BONE SPRING		4. Well Number: B.S.	
5. Property Code: 39709		6. Property Name: JOSEY WALES 16 STATE COM				7. Well Number: 2H	
8. OGRID No.: 6137		9. Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.				10. Elevation: 3179.7	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	16	24 S	27 E		150	NORTH	1980	WEST	EDDY

11 Bottom Hole Location If Different From Surface

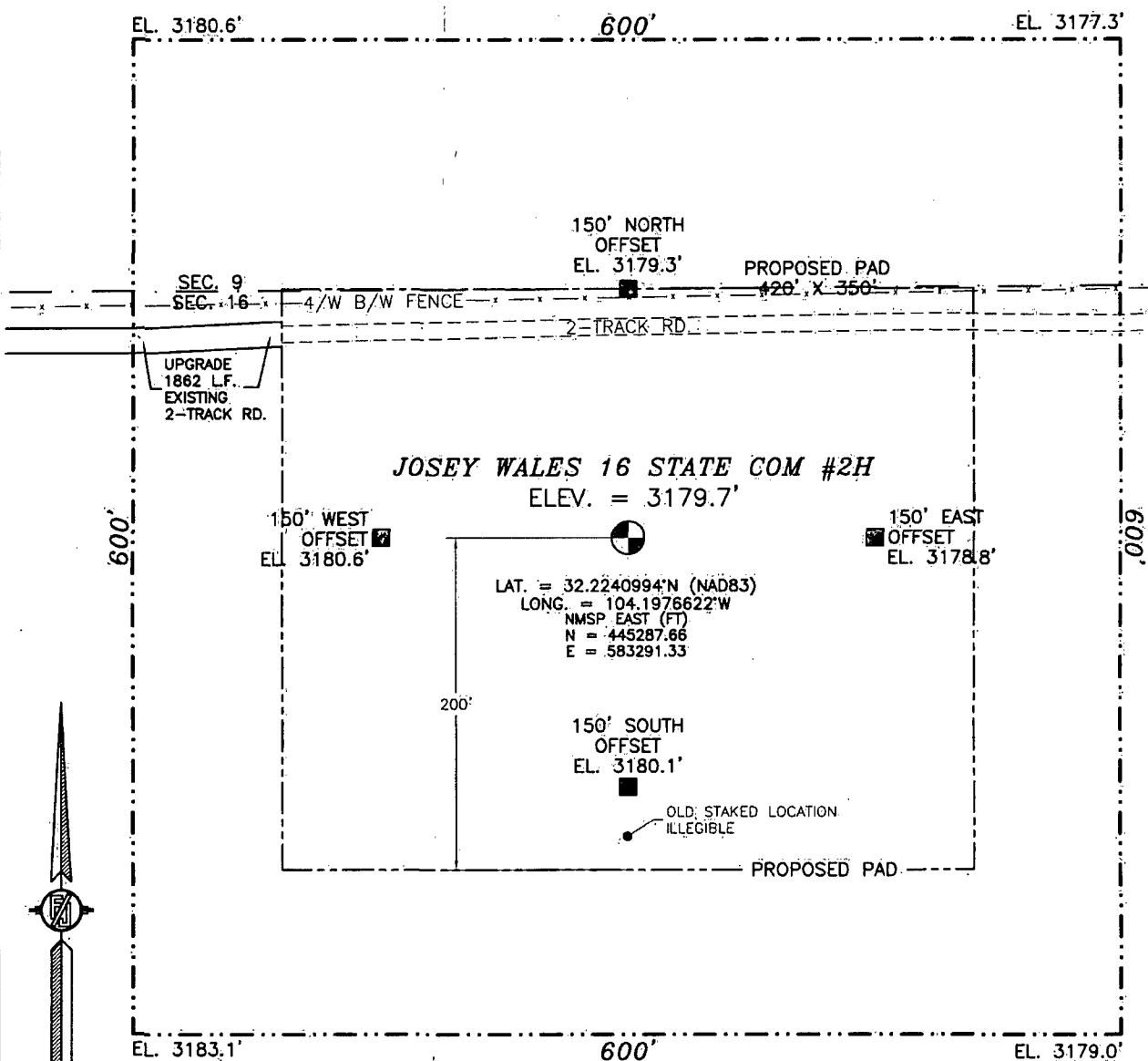
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	24 S	27 E		330	SOUTH	1980	WEST	EDDY

12. Dedicated Acres: 160.00	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.

S89°40'46"W 2618.04 FT NE CORNER SEC. 16 COMPUTED LAT. = 32°22'45.02"N LONG. = 104°18'13.39"W NMSF EAST (FT) N = 445455.93 E = 586546.81 JOSEY WALES 16 STATE COM #2H ELEV. = 3179.7 LAT. = 32°22'40.92"N (NAD83) LONG. = 104°18'7.6622"W NMSF EAST (FT) N = 445287.66 E = 58329.33 Project Area Completion Interval VB-1762 VB-1763 Lease Line BOTTOM OF HOLE LAT. = 32°21'08.32"N LONG. = 104°19'03.83"W NMSF EAST (FT) N = 440479.88 E = 583304.79 SW CORNER SEC. 16 LAT. = 32°20'59.57"N LONG. = 104°20'40.336"W NMSF EAST (FT) N = 440140.51 E = 581327.30 SE CORNER SEC. 16 LAT. = 32°21'00.62"N LONG. = 104°18'20.32"W NMSF EAST (FT) N = 440165.08 E = 586532.56 S00°06'50"W 2630.79 FT S00°26'28"E 2656.60 FT N89°43'46"E 2603.29 FT		17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Judy A. Barnett</i> 3/5/13 Date: _____ Printed Name: Judy A. Barnett Regulatory Specialist E-mail Address: _____ 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. DECEMBER 29, 2012 Date of Survey: _____ Signature and Seal of Professional Surveyor: <i>Felimon E. Jaramillo</i> Certificate Number: FELIMON E. JARAMILLO, PLS 12797 SURVEY NO. 1454
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SECTION 16, TOWNSHIP 24 SOUTH, RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CO. RD. 720 (BLACK RIVER VILLAGE) AND CO. RD. 742 (JOHN D. FOREHAND) GO NE. APPROX. 0.8 OF A MILE. CONTINUE EAST APPROX. 0.5 OF A MILE. CONTINUE SE APPROX. 0.6 OF A MILE. GO SOUTH ON LEASE ROAD APPROX. 0.4 OF A MILE. CONTINUE SW APPROX. 0.45 OF A MILE. CONTINUE WEST APPROX. 0.1 OF A MILE. CONTINUE SOUTH APPROX. 0.35 OF A MILE. CONTINUE EAST ON TWO TRACK ROAD APPROX. 0.4 OF A MILE. LOCATION IS APPROX. 130' SOUTH.

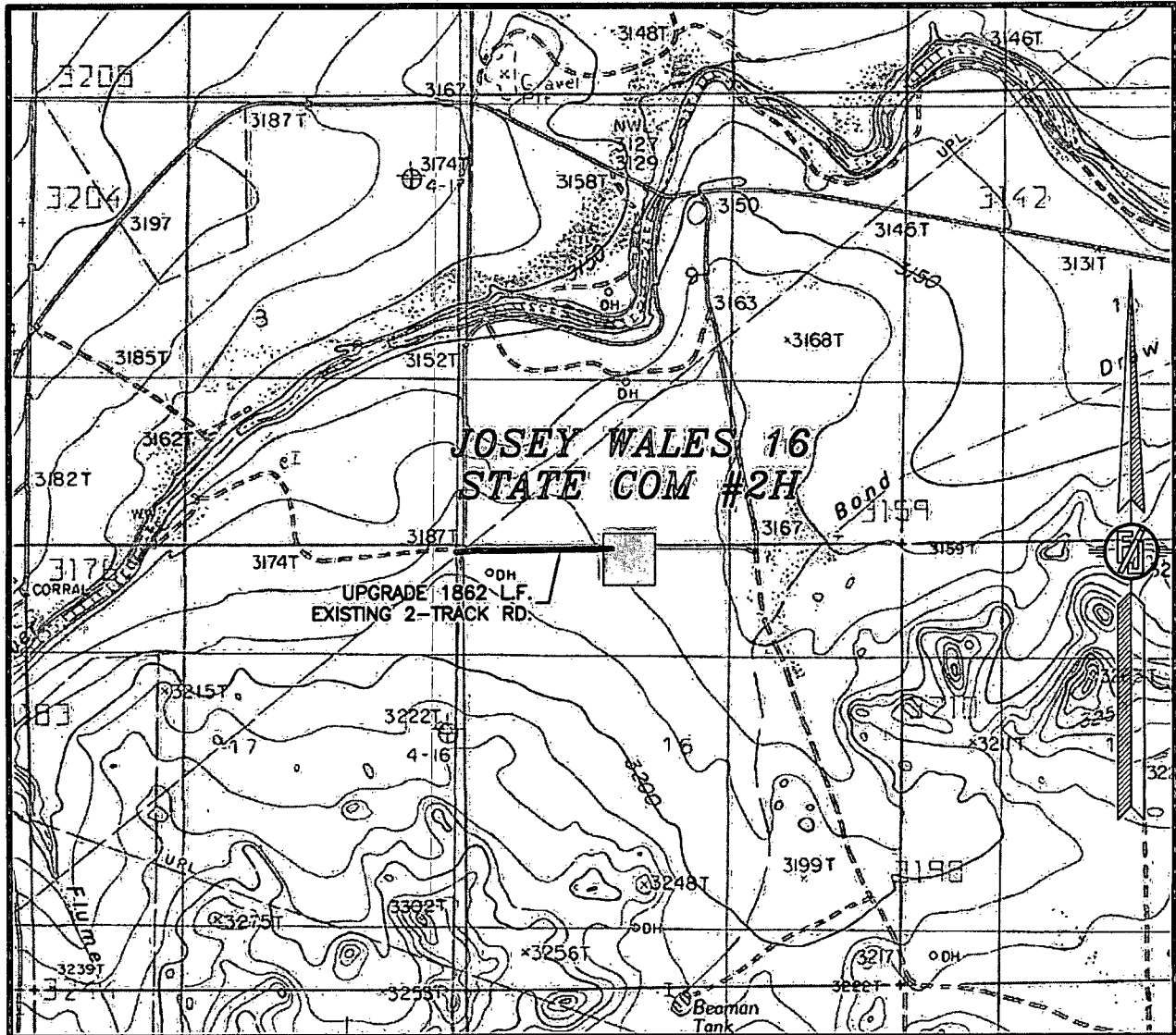
DEVON ENERGY PRODUCTION COMPANY, L.P.
JOSEY WALES 16 STATE COM #2H
LOCATED 150 FT. FROM THE NORTH LINE
AND 1980 FT. FROM THE WEST LINE OF
SECTION 16, TOWNSHIP 24 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 29, 2012

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 1454

SECTION 16, TOWNSHIP 24 SOUTH, RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
BOND DRAW

NOT TO SCALE

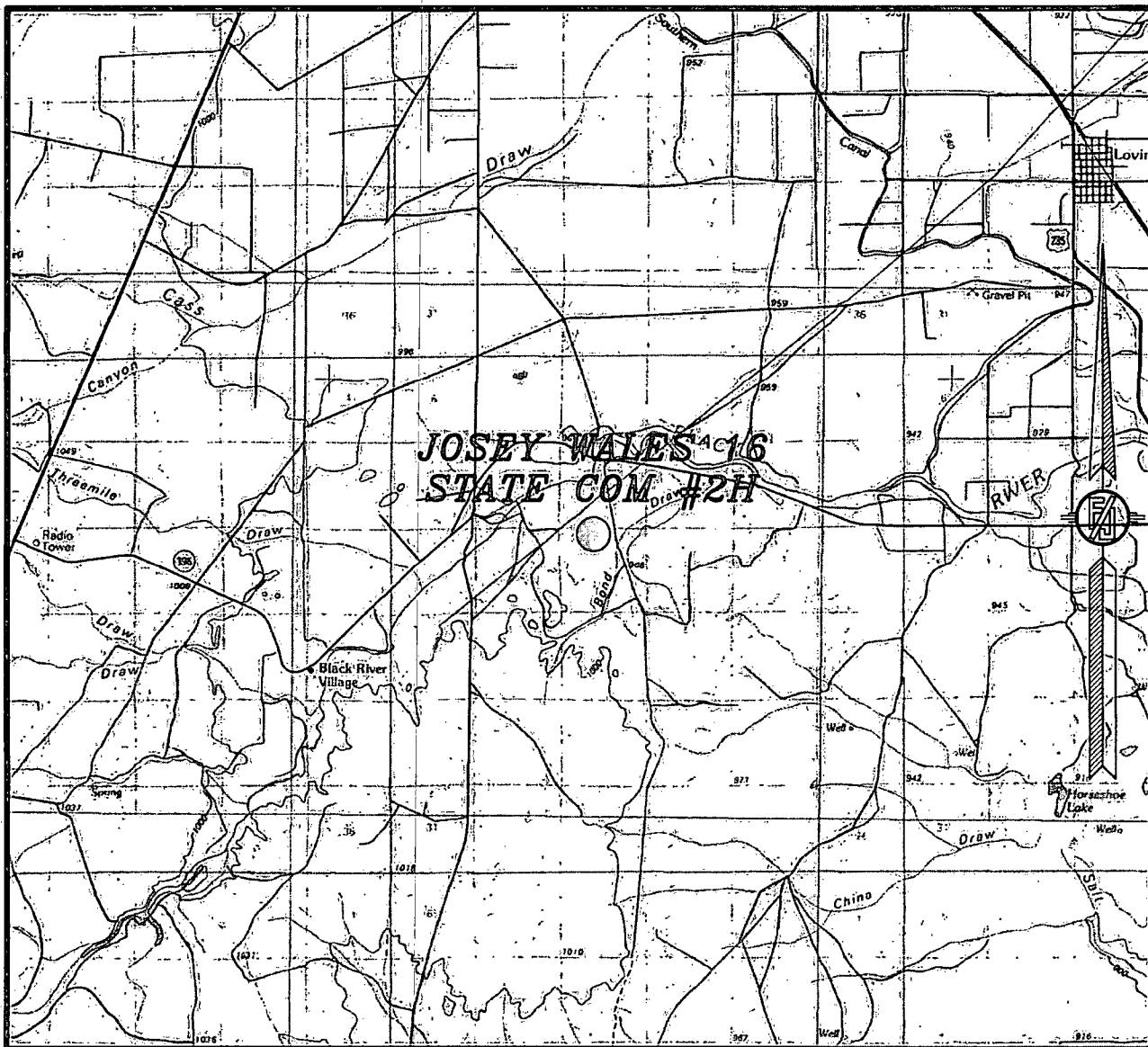
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EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 29, 2012

SURVEY NO. 1454

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 16, TOWNSHIP 24 SOUTH, RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

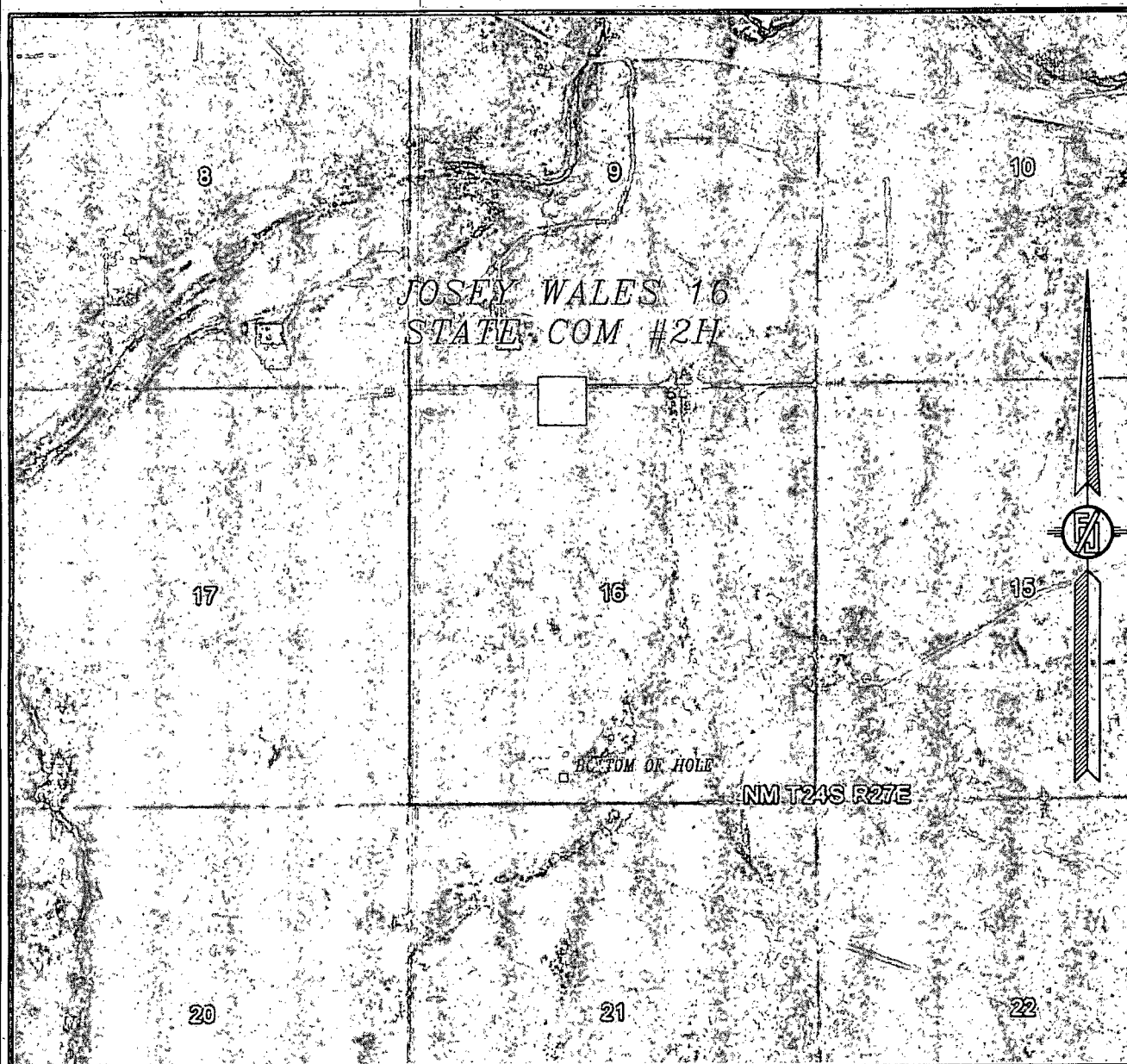
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EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 29, 2012

SURVEY NO. 1454

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 16, TOWNSHIP 24 SOUTH, RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
JUNE 2011

DEVON ENERGY PRODUCTION COMPANY, L.P.
JOSEY WALES 16 STATE COM #2H
LOCATED 150 FT. FROM THE NORTH LINE
AND 1980 FT. FROM THE WEST LINE OF
SECTION 16, TOWNSHIP 24 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 29, 2012

SURVEY NO. 1454

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

DEVON ENERGY

Project: Eddy County, NM (NAD-83)
 Site: Josey Wales 16 State Com
 Well: 3H
 Wellbore: OH
 Design: Plan #1



Azimuths to Grid North
 True North: -0.07°
 Magnetic North: 7.59°
 Magnetic Field
 Strength: 48376.6snT
 Dip Angle: 60.03°
 Date: 02/04/2013
 Model: IGRF2010

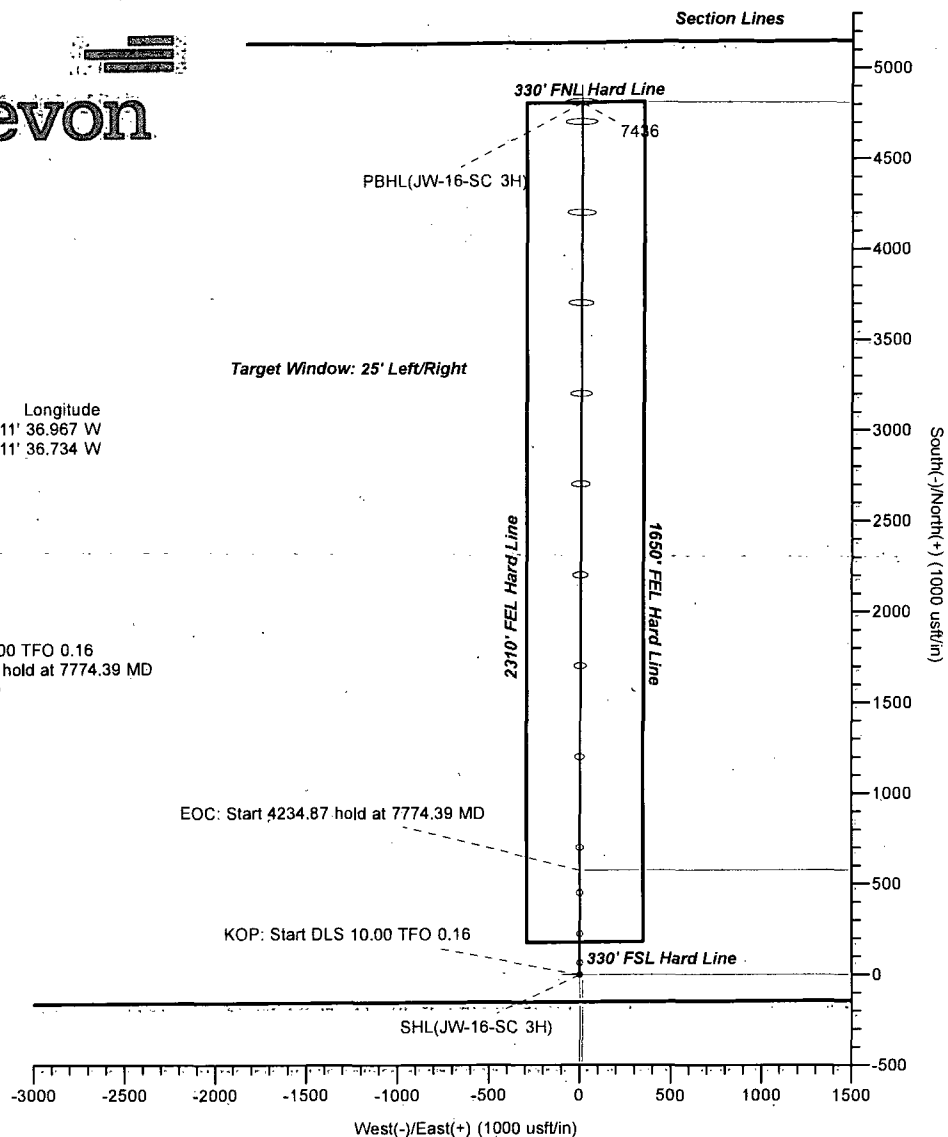
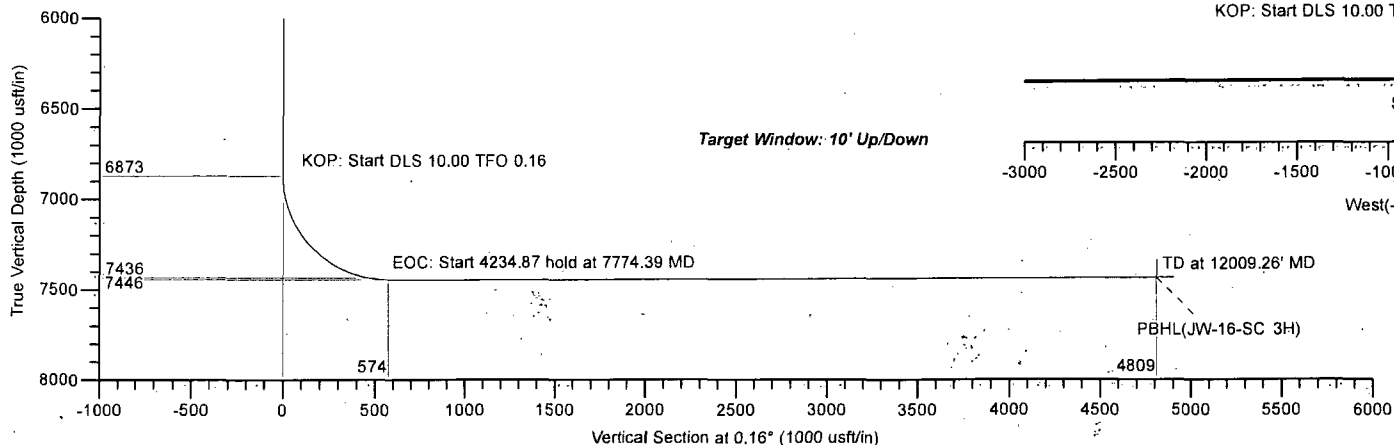
devon

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL(JW-16-SC 3H)	0.00	0.00	0.00	440305.70	584553.3632°	12° 37.440' N	104° 11' 36.967' W
PBHL(JW-16-SC 3H)	7436.00	4809.15	13.74	445114.85	584567.1032°	13° 25.031' N	104° 11' 36.734' W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	6873.04	0.00	0.00	6873.04	0.00	0.00	0.00	0.00	0.00	KOP: Start DLS 10.00 TFO 0.16
3	7774.39	90.14	0.16	7446.00	574.31	1.64	10.00	0.16	574.31	EOC: Start 4234.87 hold at 7774.39 MD
4	12009.26	90.14	0.16	7436.00	4809.15	13.74	0.00	0.00	4809.17	TD at 12009.26' MD



LEAM DRILLING SYSTEMS LLC
 2010 East Davis, Conroe, Texas 77301
 Phone: 936/756-7577, Fax 936/756-7595

Plan: Plan #1 (3H/OH)
 Josey Wales 16 State Com
 Created By: Tyler Carlson Date: 8:22, February 04 2013
 Date: _____
 Approved: _____ Date: _____

Planning Report

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,873.04	0.00	0.00	6,873.04	0.00	0.00	0.00	0.00	0.00	0.00	
7,774.40	90.14	0.16	7,446.00	574.31	1.64	10.00	10.00	0.02	0.16	
12,009.26	90.14	0.16	7,436.00	4,809.15	13.74	0.00	0.00	0.00	0.00	PBHL(JW-16-SC 3H)

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 3H
Company:	DEVON ENERGY	TVD Reference:	GE 3206' + KB 25' @ 3231:00usft (H&P.223)
Project:	Eddy County, NM (NAD-83)	MD Reference:	GE 3206' + KB 25' @ 3231:00usft (H&P.223)
Site:	Josey Wales 16 State Com	North Reference:	Grid
Well:	3H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User.Db	Local Co-ordinate Reference:	Well: 3H
Company:	DEVON ENERGY	TVD Reference:	GE 3206' + KB 25' @ 3231.00usft (H&P 223)
Project:	Eddy County, NM (NAD-83)	MD Reference:	GE 3206' + KB 25' @ 3231.00usft (H&P 223)
Site:	Josey Wales 16 State, Com	North Reference:	Grid
Well:	3H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,873.04	0.00	0.00	6,873.04	0.00	0.00	0.00	0.00	0.00	0.00
KOP: Start DLS 10.00 TFO 0.16									
6,900.00	2.70	0.16	6,899.99	0.63	0.00	0.63	10.00	10.00	0.00
6,950.00	7.70	0.16	6,949.77	5.16	0.01	5.16	10.00	10.00	0.00
7,000.00	12.70	0.16	6,998.96	14.01	0.04	14.01	10.00	10.00	0.00
7,050.00	17.70	0.16	7,047.20	27.11	0.08	27.11	10.00	10.00	0.00
7,100.00	22.70	0.16	7,094.11	44.37	0.13	44.37	10.00	10.00	0.00
7,150.00	27.70	0.16	7,139.34	65.64	0.19	65.64	10.00	10.00	0.00
7,200.00	32.70	0.16	7,182.54	90.78	0.26	90.78	10.00	10.00	0.00
7,250.00	37.70	0.16	7,223.39	119.59	0.34	119.59	10.00	10.00	0.00
7,300.00	42.70	0.16	7,261.57	151.85	0.43	151.85	10.00	10.00	0.00
7,350.00	47.70	0.16	7,296.79	187.32	0.54	187.32	10.00	10.00	0.00
7,400.00	52.70	0.16	7,328.79	225.72	0.64	225.72	10.00	10.00	0.00
7,450.00	57.70	0.16	7,357.32	266.76	0.76	266.76	10.00	10.00	0.00
7,500.00	62.70	0.16	7,382.16	310.13	0.89	310.13	10.00	10.00	0.00
7,550.00	67.70	0.16	7,403.13	355.50	1.02	355.51	10.00	10.00	0.00
7,600.00	72.70	0.16	7,420.07	402.53	1.15	402.53	10.00	10.00	0.00
7,650.00	77.70	0.16	7,432.84	450.86	1.29	450.86	10.00	10.00	0.00
7,700.00	82.70	0.16	7,441.35	500.11	1.43	500.11	10.00	10.00	0.00
7,750.00	87.70	0.16	7,445.54	549.92	1.57	549.92	10.00	10.00	0.00
7,774.40	90.14	0.16	7,446.00	574.31	1.64	574.31	10.00	10.00	0.00
EOC: Start 4234.87 hold at 7774.39 MD									
7,800.00	90.14	0.16	7,445.94	599.91	1.71	599.92	0.00	0.00	0.00
7,900.00	90.14	0.16	7,445.70	699.91	2.00	699.92	0.00	0.00	0.00
8,000.00	90.14	0.16	7,445.47	799.91	2.28	799.91	0.00	0.00	0.00
8,100.00	90.14	0.16	7,445.23	899.91	2.57	899.91	0.00	0.00	0.00
8,200.00	90.14	0.16	7,444.99	999.91	2.86	999.91	0.00	0.00	0.00
8,300.00	90.14	0.16	7,444.76	1,099.91	3.14	1,099.91	0.00	0.00	0.00
8,400.00	90.14	0.16	7,444.52	1,199.91	3.43	1,199.91	0.00	0.00	0.00
8,500.00	90.14	0.16	7,444.29	1,299.91	3.71	1,299.91	0.00	0.00	0.00
8,600.00	90.14	0.16	7,444.05	1,399.91	4.00	1,399.91	0.00	0.00	0.00
8,700.00	90.14	0.16	7,443.81	1,499.91	4.28	1,499.91	0.00	0.00	0.00
8,800.00	90.14	0.16	7,443.58	1,599.91	4.57	1,599.91	0.00	0.00	0.00
8,900.00	90.14	0.16	7,443.34	1,699.91	4.86	1,699.91	0.00	0.00	0.00
9,000.00	90.14	0.16	7,443.10	1,799.90	5.14	1,799.91	0.00	0.00	0.00
9,100.00	90.14	0.16	7,442.87	1,899.90	5.43	1,899.91	0.00	0.00	0.00
9,200.00	90.14	0.16	7,442.63	1,999.90	5.71	1,999.91	0.00	0.00	0.00
9,300.00	90.14	0.16	7,442.40	2,099.90	6.00	2,099.91	0.00	0.00	0.00

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 3H
Company:	DEVON ENERGY	TVD Reference:	GE 3206' + KB 25' @ 3231.00usft (H&P 223)
Project:	Eddy County, NM (NAD 83)	MD Reference:	GE 3206' + KB 25' @ 3231.00usft (H&P 223)
Site:	Josey Wales 16 State Com	North Reference:	Grid
Well:	3H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,400.00	90.14	0.16	7,442.16	2,199.90	6.28	2,199.91	0.00	0.00	0.00
9,500.00	90.14	0.16	7,441.92	2,299.90	6.57	2,299.91	0.00	0.00	0.00
9,600.00	90.14	0.16	7,441.69	2,399.90	6.85	2,399.91	0.00	0.00	0.00
9,700.00	90.14	0.16	7,441.45	2,499.90	7.14	2,499.91	0.00	0.00	0.00
9,800.00	90.14	0.16	7,441.22	2,599.90	7.43	2,599.91	0.00	0.00	0.00
9,900.00	90.14	0.16	7,440.98	2,699.90	7.71	2,699.91	0.00	0.00	0.00
10,000.00	90.14	0.16	7,440.74	2,799.90	8.00	2,799.91	0.00	0.00	0.00
10,100.00	90.14	0.16	7,440.51	2,899.90	8.28	2,899.91	0.00	0.00	0.00
10,200.00	90.14	0.16	7,440.27	2,999.90	8.57	2,999.91	0.00	0.00	0.00
10,300.00	90.14	0.16	7,440.04	3,099.90	8.85	3,099.91	0.00	0.00	0.00
10,400.00	90.14	0.16	7,439.80	3,199.90	9.14	3,199.91	0.00	0.00	0.00
10,500.00	90.14	0.16	7,439.56	3,299.89	9.43	3,299.91	0.00	0.00	0.00
10,600.00	90.14	0.16	7,439.33	3,399.89	9.71	3,399.91	0.00	0.00	0.00
10,700.00	90.14	0.16	7,439.09	3,499.89	10.00	3,499.91	0.00	0.00	0.00
10,800.00	90.14	0.16	7,438.86	3,599.89	10.28	3,599.91	0.00	0.00	0.00
10,900.00	90.14	0.16	7,438.62	3,699.89	10.57	3,699.91	0.00	0.00	0.00
11,000.00	90.14	0.16	7,438.38	3,799.89	10.85	3,799.91	0.00	0.00	0.00
11,100.00	90.14	0.16	7,438.15	3,899.89	11.14	3,899.91	0.00	0.00	0.00
11,200.00	90.14	0.16	7,437.91	3,999.89	11.42	3,999.91	0.00	0.00	0.00
11,300.00	90.14	0.16	7,437.67	4,099.89	11.71	4,099.91	0.00	0.00	0.00
11,400.00	90.14	0.16	7,437.44	4,199.89	12.00	4,199.91	0.00	0.00	0.00
11,500.00	90.14	0.16	7,437.20	4,299.89	12.28	4,299.91	0.00	0.00	0.00
11,600.00	90.14	0.16	7,436.97	4,399.89	12.57	4,399.91	0.00	0.00	0.00
11,700.00	90.14	0.16	7,436.73	4,499.89	12.85	4,499.90	0.00	0.00	0.00
11,800.00	90.14	0.16	7,436.49	4,599.89	13.14	4,599.90	0.00	0.00	0.00
11,900.00	90.14	0.16	7,436.26	4,699.89	13.42	4,699.90	0.00	0.00	0.00
12,009.26	90.14	0.16	7,436.00	4,809.15	13.74	4,809.17	0.00	0.00	0.00
TD at 12009.26' MD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
SHL(JW-16-SC 3H)	0.00	0.00	0.00	0.00	0.00	440,305.70	584,553.36	32° 12' 37.440 N	104° 11' 36.967 W
- plan hits target center									
- Point									
PBHL(JW-16-SC 3H)	0.00	0.00	7,436.00	4,809.15	13.74	445,114.85	584,567.10	32° 13' 25.031 N	104° 11' 36.734 W
- plan hits target center									
- Point									

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
6,873.04	6,873.04	0.00	0.00	KOP: Start DLS 10.00 TFO 0.16	
7,774.40	7,446.00	574.31	1.64	EOC: Start 4234.87 hold at 7774.39 MD	
12,009.26	7,436.00	4,809.15	13.74	TD at 12009.26' MD	