

District I
1625 N. Freich Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 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
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 30-015-41170	² Pool Code 97837	¹³ Pool Name WILDCAT; BONE SPRING	¹⁴ Well Number B.S.
³ Property Code 39709	⁴ Property Name JOSEY WALES 16 STATE COM		⁶ Well Number 1H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 3187.7

¹⁰ Surface Location

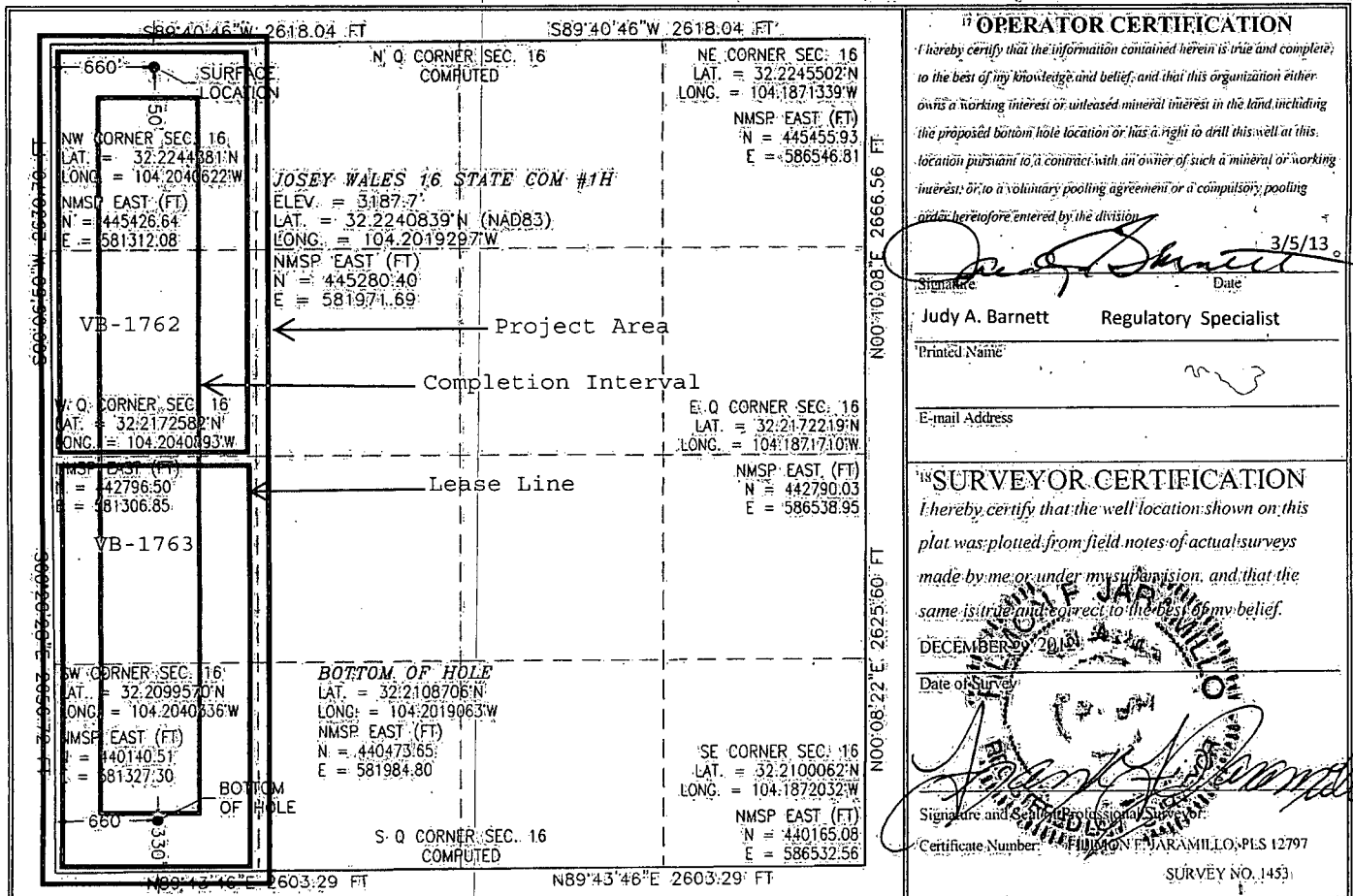
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	24 S	27 E		150	NORTH	660	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

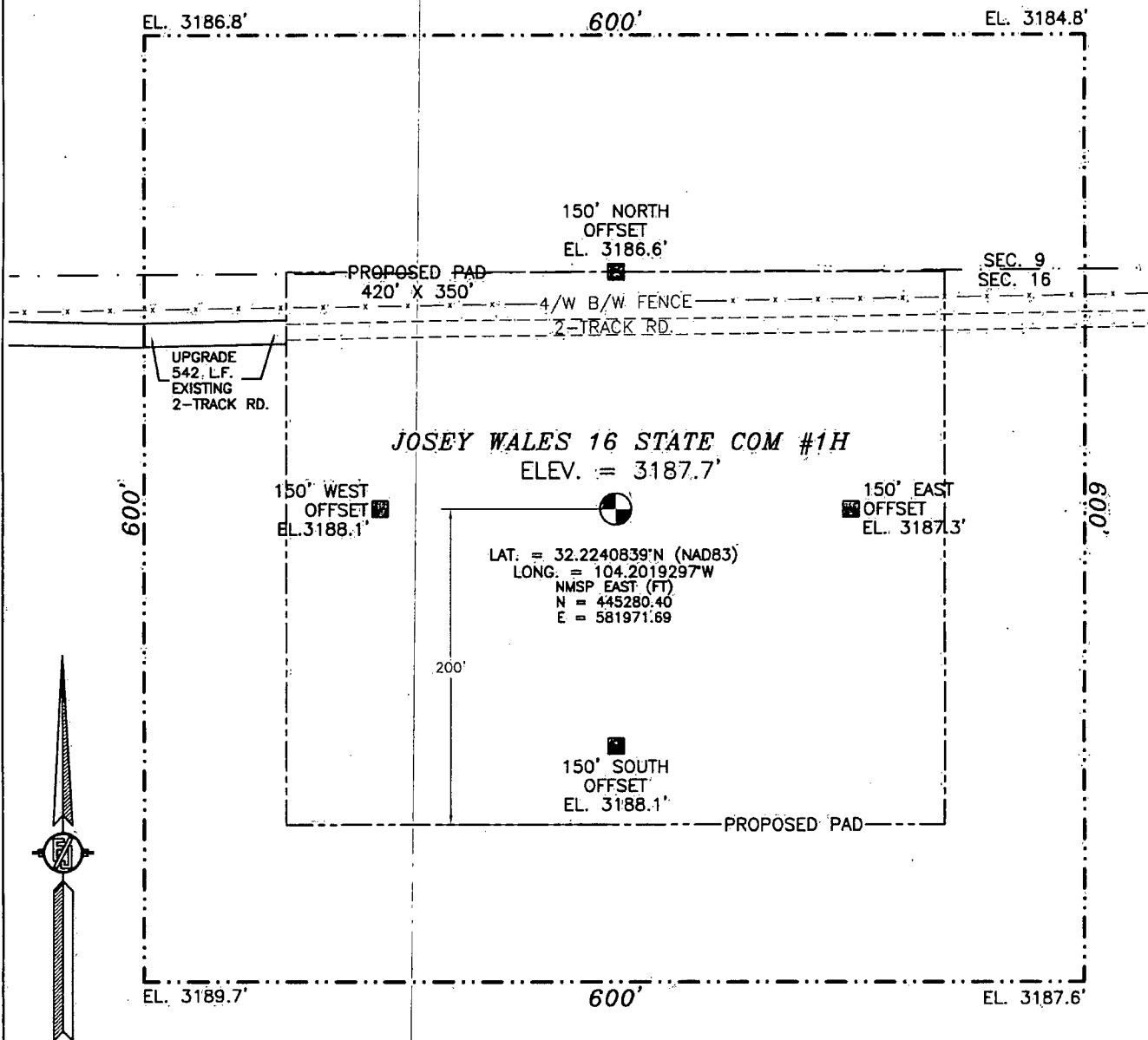
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	24 S	27 E		330	SOUTH	660	WEST	EDDY

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.



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 N.E. 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 700'. LOCATION IS APPROX. 130'
SOUTH.

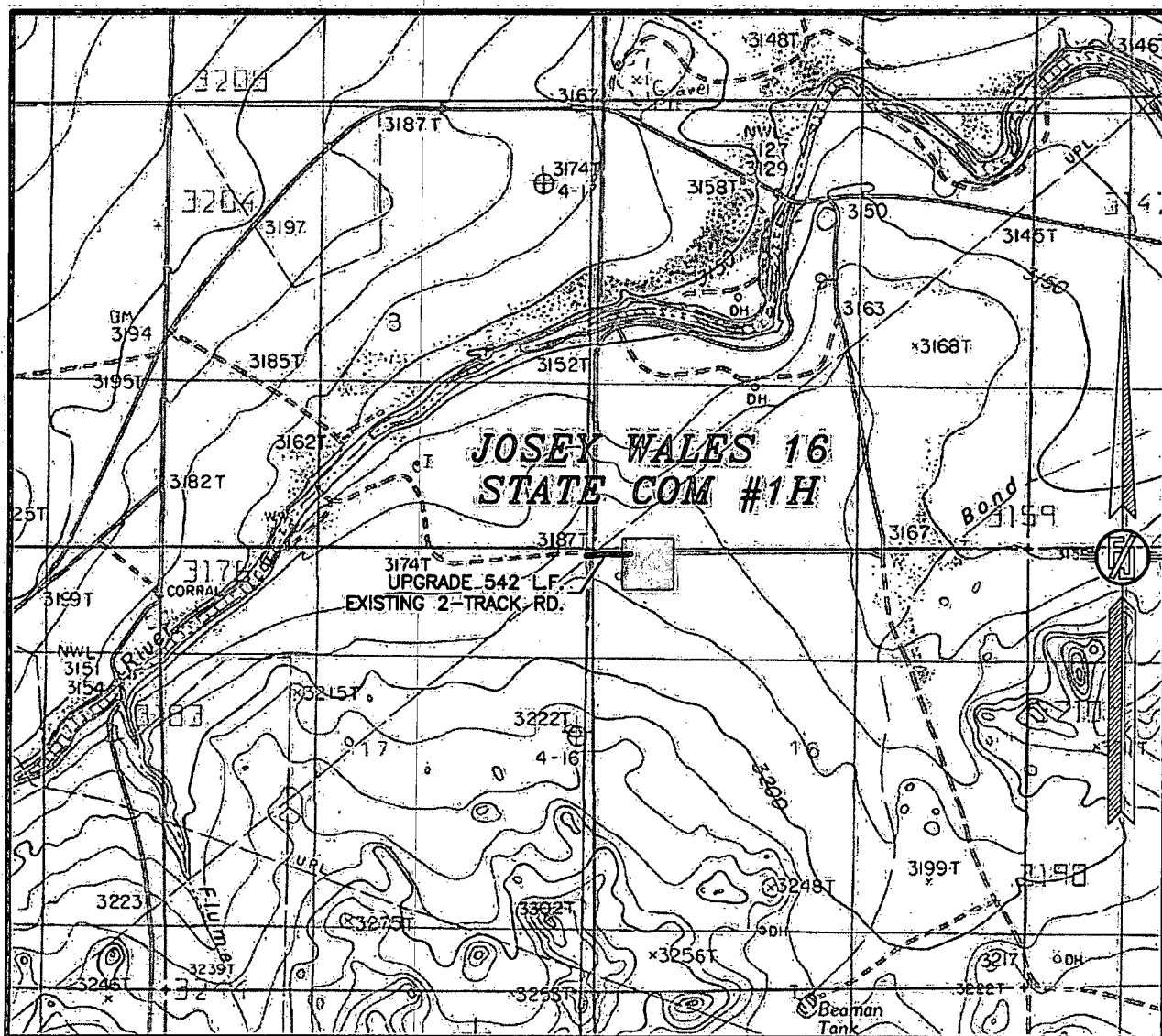
DEVON ENERGY PRODUCTION COMPANY, L.P.
JOSEY WALES 16 STATE COM #1H
LOCATED 150 FT. FROM THE NORTH LINE
AND 660 FT. FROM THE WEST LINE OF
SECTION 16, TOWNSHIP 24 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 29, 2012

SURVEY NO. 1453

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
 LOCATION VERIFICATION MAP



USGS QUAD MAP:
 BOND DRAW

NOT TO SCALE

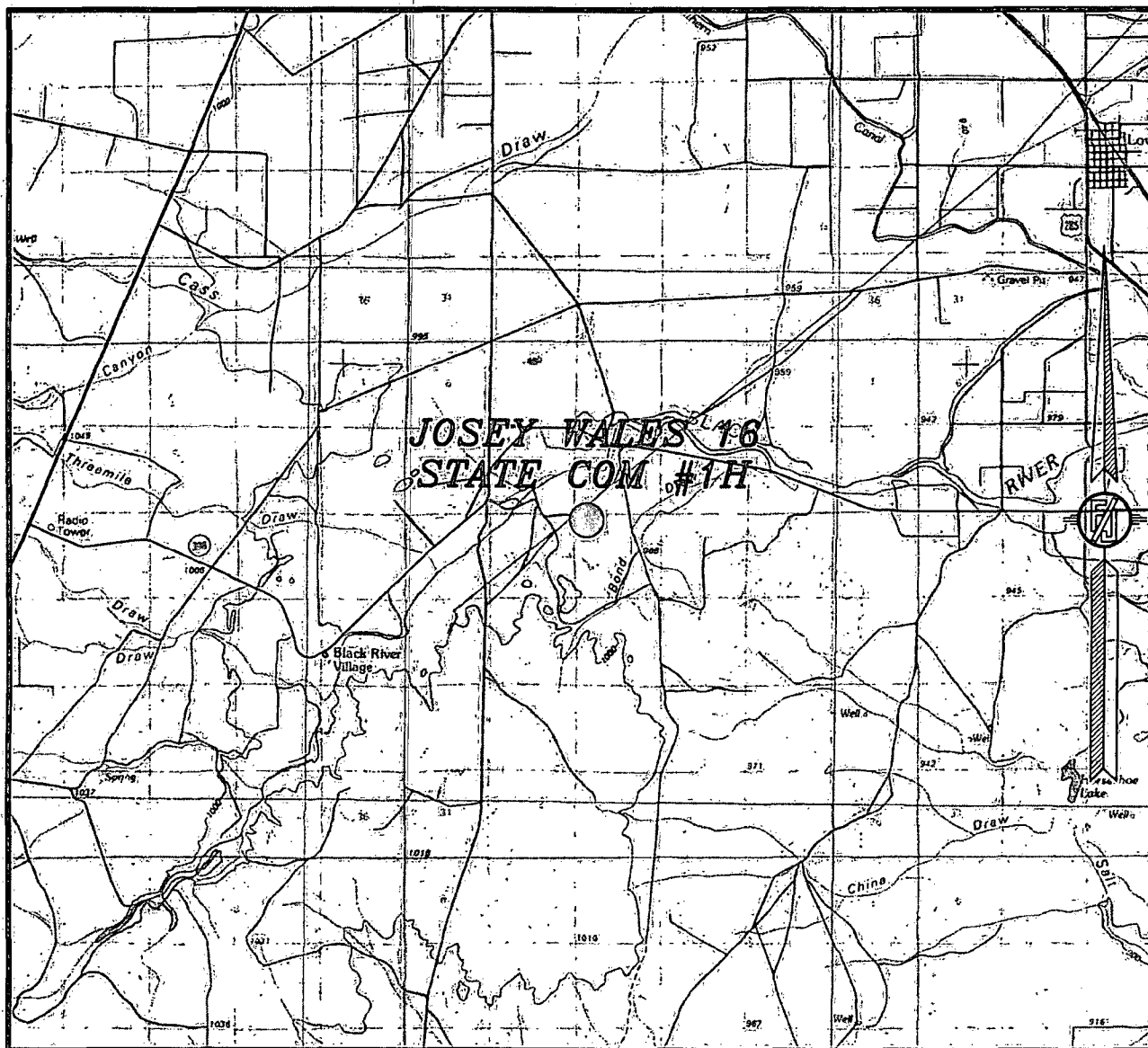
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 RANGE 27 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 29, 2012

SURVEY NO. 1453

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

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



NOT TO SCALE

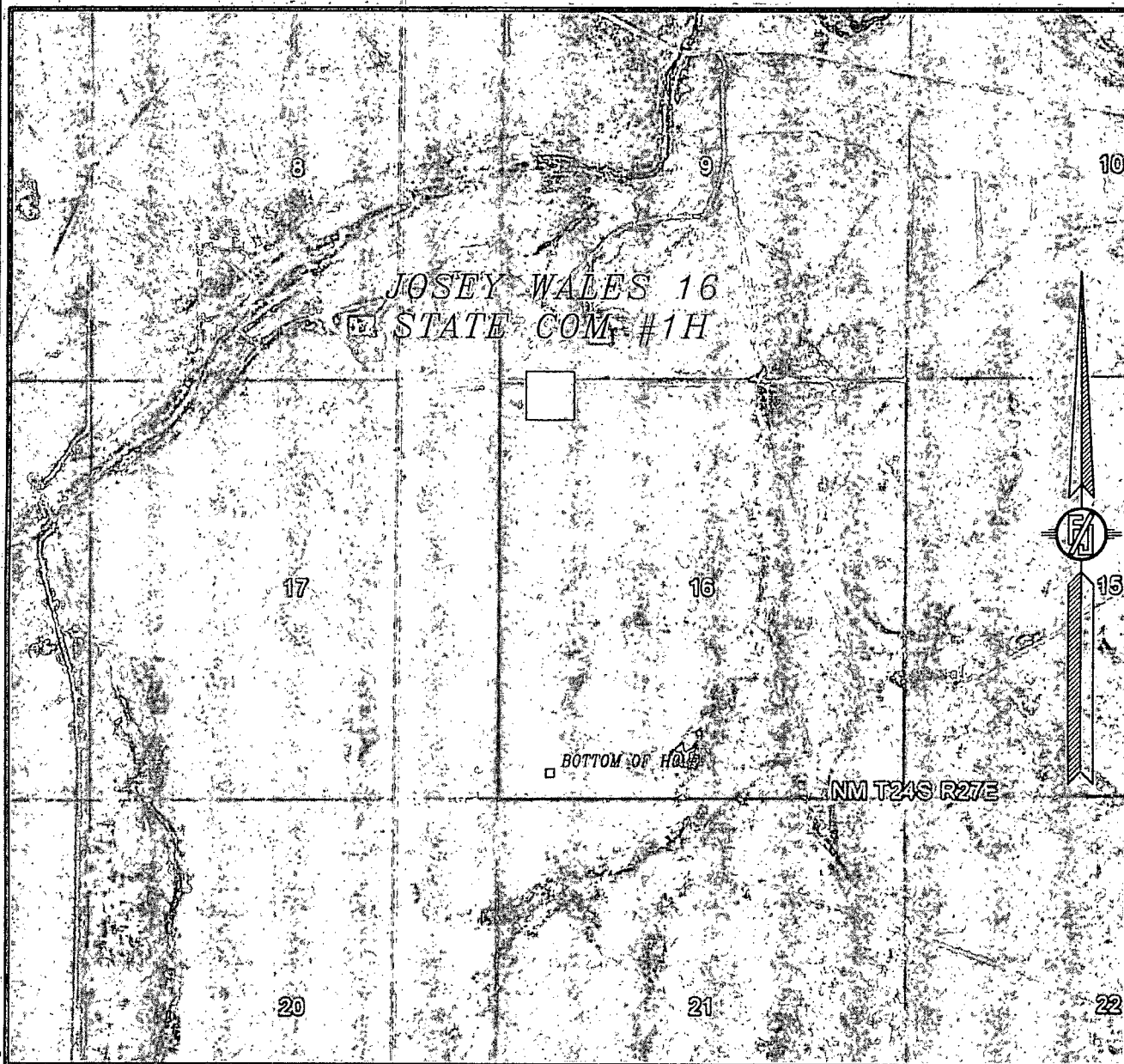
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EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 29, 2012

SURVEY NO. 1453

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

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 #1H
LOCATED 150 FT. FROM THE NORTH LINE
AND 660 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. 1453

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

DEVON ENERGY

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



Azimuths to Grid North
True North: -0.07°
Magnetic North: 7.60°

Magnetic Field
Strength: 48385.1snT
Dip Angle: 60.04°
Date: 01/31/2013
Model: IGRF2010

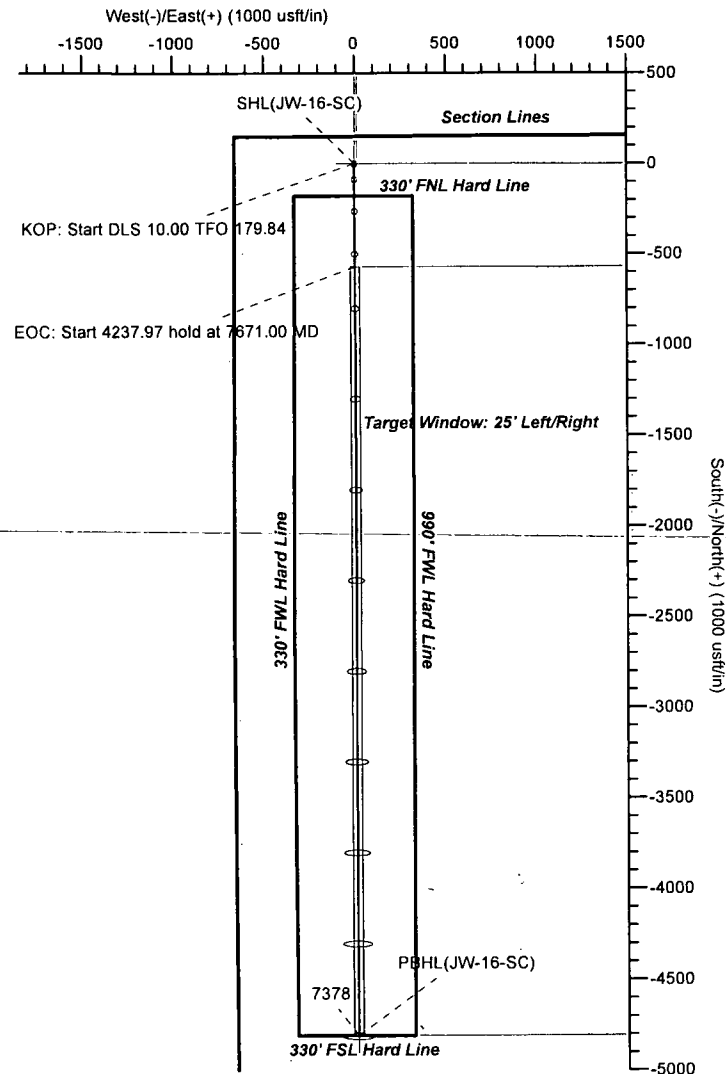
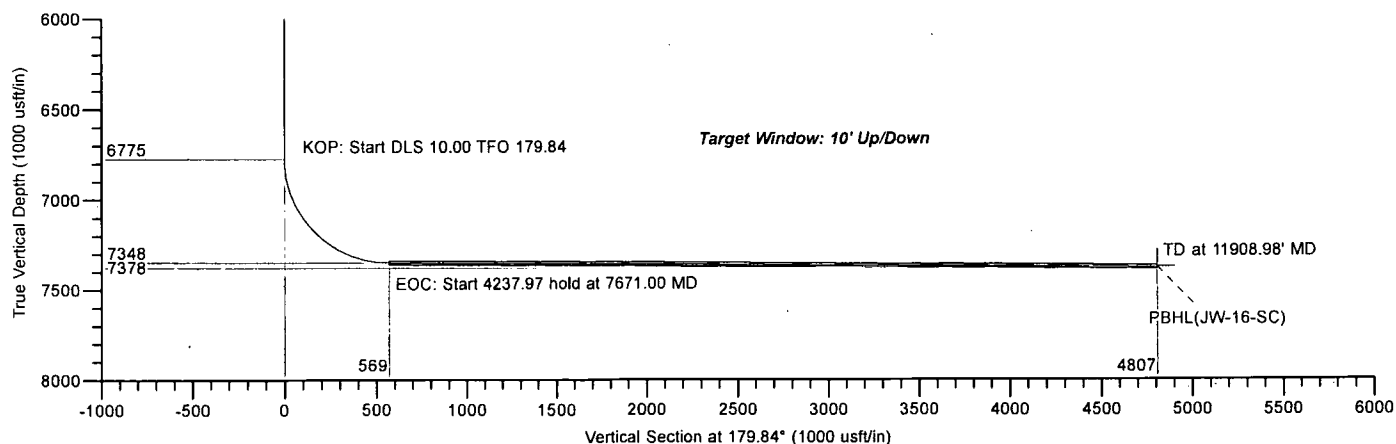
devon

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL(JW-16-SC)	0.00	0.00	0.00	445280.40	581971.6932° 13' 26.702 N	104° 12' 6.947 W	
PBHL(JW-16-SC)	7378.00	-4806.75	13.11	440473.65	581984.8032° 12' 39.134 N	104° 12' 6.863 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	6775.06	0.00	0.00	6775.06	0.00	0.00	0.00	0.00	0.00	KOP: Start DLS 10.00 TFO 179.84
3	7671.00	89.59	179.84	7348.00	-568.90	1.55	10.00	179.84	568.90	EOC: Start 4237.97 hold at 7671.00 MD
4	11908.98	89.59	179.84	7378.00	-4806.75	13.11	0.00	0.00	4806.77	TD at 11908.98' MD



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

Plan: Plan #1 (1H/OH)
Josey Wales 16 State Com
Created By: Tyler Carlson Date: 15:29, January 31 2013
Date: _____
Approved: _____ Date: _____

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 1H
Company:	DEVON ENERGY	TVD Reference:	GE 3188' + KB 25' @ 3213.00usft (H&P 223)
Project:	Eddy County, NM (NAD-83)	MD Reference:	GE 3188' + KB 25' @ 3213.00usft (H&P 223)
Site:	Josey Wales 16 State Com	North Reference:	Grid
Well:	1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Eddy County, NM (NAD-83)	System Datum:	Mean Sea Level
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Josey Wales 16 State Com		
Site Position:		Northing:	445,280.40 usft
From:	Map	Easting:	581,971.69 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 13' 26.702 N
		Longitude:	104° 12' 6.947 W
		Grid Convergence:	0.07 °

Well	1H					
Well Position	+N/-S	0.00 usft	Northing:	445,280.40 usft	Latitude:	32° 13' 26.702 N
	+E/-W	0.00 usft	Easting:	581,971.69 usft	Longitude:	104° 12' 6.947 W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,188.00 usft

Wellbore	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	01/31/13	7.67	60.04	48,385

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	179.84

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	
6,775.06	0.00	0.00	6,775.06	0.00	0.00	0.00	0.00	0.00	0.00	
7,671.00	89.59	179.84	7,348.00	-568.90	1.55	10.00	10.00	20.07	179.84	
11,908.98	89.59	179.84	7,378.00	-4,806.75	13.11	0.00	0.00	0.00	0.00	PBHL(JW-16-SC)

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 1H
Company:	DEVON ENERGY	TVD Reference:	GE 3188' + KB 25' @ 3213.00usft (H&P 223)
Project:	Eddy County, NM (NAD-83)	MD Reference:	GE 3188' + KB 25' @ 3213.00usft (H&P 223)
Site:	Josey Wales 16 State Com	North Reference:	Grid
Well:	1H	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

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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	
6,775.06	0.00	0.00	6,775.06	0.00	0.00	0.00	0.00	0.00	0.00	
KOP: Start DLS 10.00 TFO 179.84										
6,800.00	2.49	179.84	6,799.99	-0.54	0.00	0.54	10.00	10.00	0.00	
6,850.00	7.49	179.84	6,849.79	-4.89	0.01	4.89	10.00	10.00	0.00	
6,900.00	12.49	179.84	6,899.01	-13.57	0.04	13.57	10.00	10.00	0.00	
6,950.00	17.49	179.84	6,947.29	-26.50	0.07	26.50	10.00	10.00	0.00	
7,000.00	22.49	179.84	6,994.27	-43.59	0.12	43.59	10.00	10.00	0.00	
7,050.00	27.49	179.84	7,039.57	-64.71	0.18	64.71	10.00	10.00	0.00	
7,100.00	32.49	179.84	7,082.86	-89.70	0.24	89.70	10.00	10.00	0.00	
7,150.00	37.49	179.84	7,123.81	-118.36	0.32	118.36	10.00	10.00	0.00	
7,200.00	42.49	179.84	7,162.10	-150.49	0.41	150.49	10.00	10.00	0.00	
7,250.00	47.49	179.84	7,197.45	-185.83	0.51	185.83	10.00	10.00	0.00	
7,300.00	52.49	179.84	7,229.58	-224.11	0.61	224.12	10.00	10.00	0.00	
7,350.00	57.49	179.84	7,258.26	-265.06	0.72	265.06	10.00	10.00	0.00	
7,400.00	62.49	179.84	7,283.25	-308.34	0.84	308.34	10.00	10.00	0.00	
7,450.00	67.49	179.84	7,304.38	-353.64	0.96	353.64	10.00	10.00	0.00	
7,500.00	72.49	179.84	7,321.48	-400.61	1.09	400.61	10.00	10.00	0.00	
7,550.00	77.49	179.84	7,334.42	-448.89	1.22	448.89	10.00	10.00	0.00	
7,600.00	82.49	179.84	7,343.11	-498.11	1.36	498.11	10.00	10.00	0.00	
7,650.00	87.49	179.84	7,347.47	-547.90	1.49	547.91	10.00	10.00	0.00	
7,671.00	89.59	179.84	7,348.00	-568.90	1.55	568.90	10.00	10.00	0.00	
EOC: Start 4237.97 hold at 7671.00 MD										
7,700.00	89.59	179.84	7,348.21	-597.89	1.63	597.90	0.00	0.00	0.00	
7,800.00	89.59	179.84	7,348.92	-697.89	1.90	697.89	0.00	0.00	0.00	
7,900.00	89.59	179.84	7,349.62	-797.89	2.18	797.89	0.00	0.00	0.00	
8,000.00	89.59	179.84	7,350.33	-897.89	2.45	897.89	0.00	0.00	0.00	
8,100.00	89.59	179.84	7,351.04	-997.88	2.72	997.89	0.00	0.00	0.00	
8,200.00	89.59	179.84	7,351.75	-1,097.88	2.99	1,097.88	0.00	0.00	0.00	
8,300.00	89.59	179.84	7,352.46	-1,197.88	3.27	1,197.88	0.00	0.00	0.00	
8,400.00	89.59	179.84	7,353.16	-1,297.87	3.54	1,297.88	0.00	0.00	0.00	
8,500.00	89.59	179.84	7,353.87	-1,397.87	3.81	1,397.88	0.00	0.00	0.00	
8,600.00	89.59	179.84	7,354.58	-1,497.87	4.09	1,497.87	0.00	0.00	0.00	
8,700.00	89.59	179.84	7,355.29	-1,597.87	4.36	1,597.87	0.00	0.00	0.00	
8,800.00	89.59	179.84	7,355.99	-1,697.86	4.63	1,697.87	0.00	0.00	0.00	
8,900.00	89.59	179.84	7,356.70	-1,797.86	4.90	1,797.87	0.00	0.00	0.00	
9,000.00	89.59	179.84	7,357.41	-1,897.86	5.18	1,897.86	0.00	0.00	0.00	
9,100.00	89.59	179.84	7,358.12	-1,997.85	5.45	1,997.86	0.00	0.00	0.00	
9,200.00	89.59	179.84	7,358.83	-2,097.85	5.72	2,097.86	0.00	0.00	0.00	
9,300.00	89.59	179.84	7,359.53	-2,197.85	5.99	2,197.86	0.00	0.00	0.00	

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 1H
Company:	DEVON ENERGY	TVD Reference:	GE 3188' + KB 25' @ 3213.00usft (H&P 223)
Project:	Eddy County, NM (NAD-83)	MD Reference:	GE 3188' + KB 25' @ 3213.00usft (H&P 223)
Site:	Josey Wales 16 State Com	North Reference:	Grid
Well:	1H	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	89.59	179.84	7,360.24	-2,297.85	6.27	2,297.85	0.00	0.00	0.00	
9,500.00	89.59	179.84	7,360.95	-2,397.84	6.54	2,397.85	0.00	0.00	0.00	
9,600.00	89.59	179.84	7,361.66	-2,497.84	6.81	2,497.85	0.00	0.00	0.00	
9,700.00	89.59	179.84	7,362.36	-2,597.84	7.09	2,597.85	0.00	0.00	0.00	
9,800.00	89.59	179.84	7,363.07	-2,697.83	7.36	2,697.84	0.00	0.00	0.00	
9,900.00	89.59	179.84	7,363.78	-2,797.83	7.63	2,797.84	0.00	0.00	0.00	
10,000.00	89.59	179.84	7,364.49	-2,897.83	7.90	2,897.84	0.00	0.00	0.00	
10,100.00	89.59	179.84	7,365.20	-2,997.83	8.18	2,997.84	0.00	0.00	0.00	
10,200.00	89.59	179.84	7,365.90	-3,097.82	8.45	3,097.83	0.00	0.00	0.00	
10,300.00	89.59	179.84	7,366.61	-3,197.82	8.72	3,197.83	0.00	0.00	0.00	
10,400.00	89.59	179.84	7,367.32	-3,297.82	8.99	3,297.83	0.00	0.00	0.00	
10,500.00	89.59	179.84	7,368.03	-3,397.81	9.27	3,397.83	0.00	0.00	0.00	
10,600.00	89.59	179.84	7,368.74	-3,497.81	9.54	3,497.82	0.00	0.00	0.00	
10,700.00	89.59	179.84	7,369.44	-3,597.81	9.81	3,597.82	0.00	0.00	0.00	
10,800.00	89.59	179.84	7,370.15	-3,697.81	10.09	3,697.82	0.00	0.00	0.00	
10,900.00	89.59	179.84	7,370.86	-3,797.80	10.36	3,797.82	0.00	0.00	0.00	
11,000.00	89.59	179.84	7,371.57	-3,897.80	10.63	3,897.81	0.00	0.00	0.00	
11,100.00	89.59	179.84	7,372.27	-3,997.80	10.90	3,997.81	0.00	0.00	0.00	
11,200.00	89.59	179.84	7,372.98	-4,097.79	11.18	4,097.81	0.00	0.00	0.00	
11,300.00	89.59	179.84	7,373.69	-4,197.79	11.45	4,197.81	0.00	0.00	0.00	
11,400.00	89.59	179.84	7,374.40	-4,297.79	11.72	4,297.80	0.00	0.00	0.00	
11,500.00	89.59	179.84	7,375.11	-4,397.79	11.99	4,397.80	0.00	0.00	0.00	
11,600.00	89.59	179.84	7,375.81	-4,497.78	12.27	4,497.80	0.00	0.00	0.00	
11,700.00	89.59	179.84	7,376.52	-4,597.78	12.54	4,597.80	0.00	0.00	0.00	
11,800.00	89.59	179.84	7,377.23	-4,697.78	12.81	4,697.79	0.00	0.00	0.00	
11,908.98	89.59	179.84	7,378.00	-4,806.75	13.11	4,806.77	0.00	0.00	0.00	
TD at 11908.98' MD										

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL(JW-16-SC) - hit/miss target - Shape - Point	0.00	0.00	0.00	0.00	0.00	445,280.40	581,971.69	32° 13' 26.702 N	104° 12' 6.947 W
PBHL(JW-16-SC) - plan hits target center - Rectangle (sides W50.00 H4,237.97 D20.00)	0.41	179.84	7,378.00	-4,806.75	13.11	440,473.65	581,984.80	32° 12' 39.134 N	104° 12' 6.863 W

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
6,775.06	6,775.06	0.00	0.00	KOP: Start DLS 10.00 TFO 179.84
7,671.00	7,348.00	-568.90	1.55	EOC: Start 4237.97 hold at 7671.00 MD
11,908.98	7,378.00	-4,806.75	13.11	TD at 11908.98' MD