

DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 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, N.M. 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

AS-DRILLED

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35736	² Pool Code 62510	³ Pool Name Verde Gallup
⁴ Property Code 315658	⁵ Property Name OSPREY 30	⁶ Well Number 7
⁷ OGRID No. 310262	⁸ Operator Name BRIDGECREEK RESOURCES (COLORADO), LLC	⁹ Elevation 5573

¹⁰ Surface Location

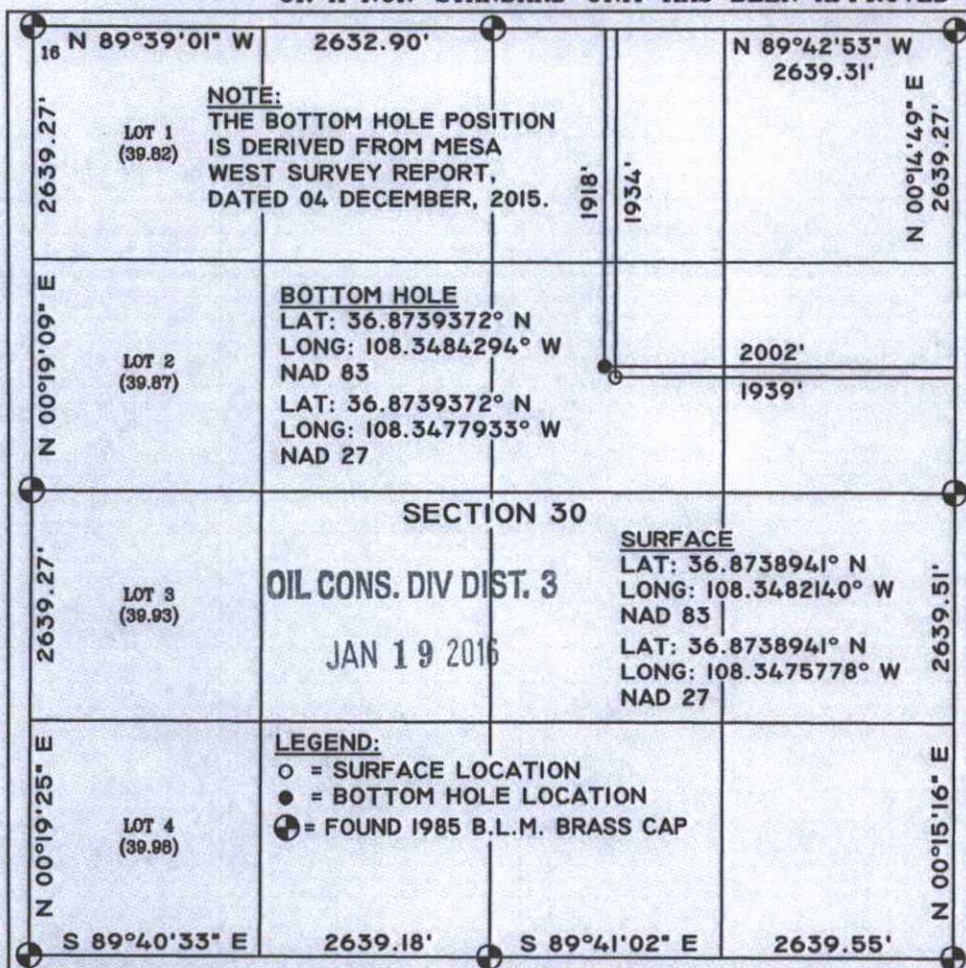
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	30	31 N	14 W		1934	NORTH	1939	EAST	SAN JUAN

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
G	30	31 N	14 W		1918	NORTH	2002	EAST	SAN JUAN

¹² Dedicated Acres	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



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 Christine Campbell Date 1/13/16
Printed Name Christine Campbell
E-mail Address Ccampbell@bridgocreekresources.com

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.

Date of Survey 12/09/15
Signature and Seal Marshall W. Linden
Certificate Number 17078

MARSHALL W. LINDEN
NEW MEXICO
12-14-15
17078
PROFESSIONAL SURVEYOR

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*API Number 30-045-35736		*Pool Code 62510		*Pool Name Verde Gallup	
*Property Code 315658		*Property Name OSPREY 30			*Well Number 7
*OGRID No. 310262		*Operator Name BRIDGECREEK RESOURCES (COLORADO), LLC			*Elevation 5573

¹⁰ Surface Location

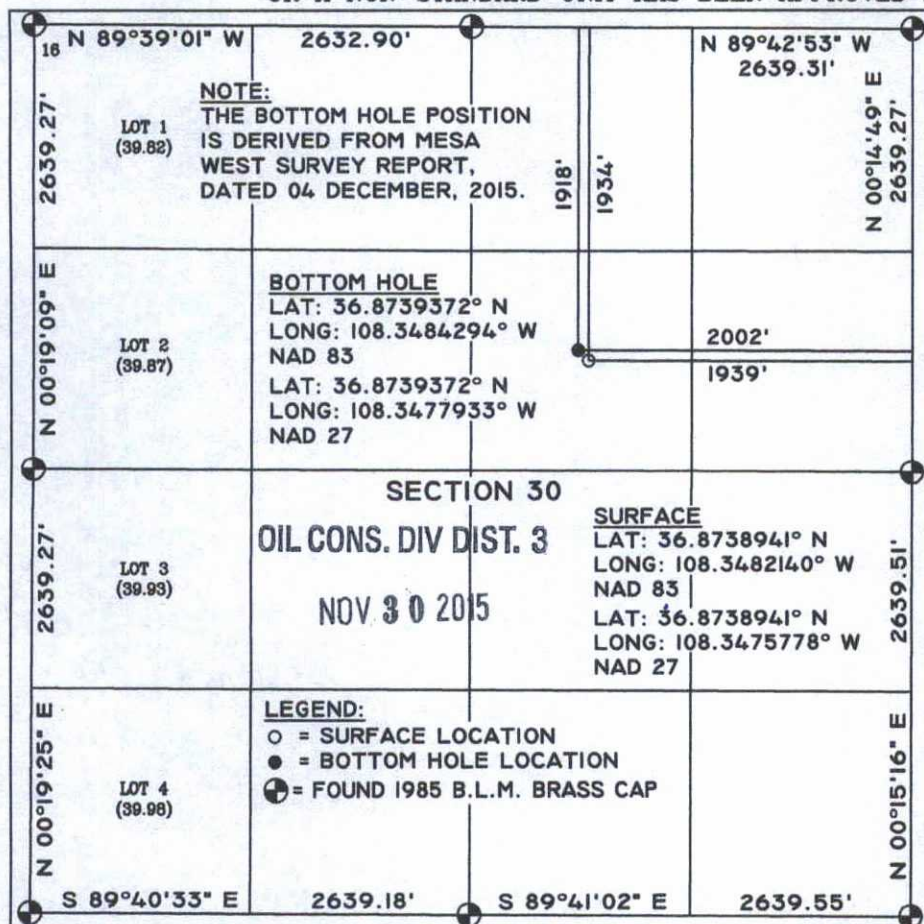
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G	30	31 N	14 W		1934	NORTH	1939	EAST	SAN JUAN

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
G	30	31 N	14 W		1918	NORTH	2002	EAST	SAN JUAN

*Dedicated Acres 340 of 40 ne of 30	*Joint or Infill	*Consolidation Code	*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



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.

Christine Campbell [Electronic Signature]

Signature

Christine Campbell

Printed Name

ccampbell@bridgecreekresources.com

E-mail Address

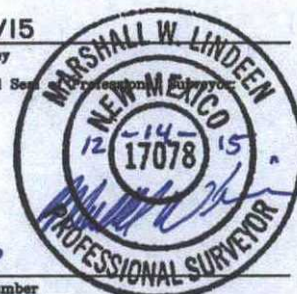
¹⁸ SURVEYOR CERTIFICATION

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.

12/09/15

Date of Survey

Signature and Seal



17078

Certificate Number

Bridgecreek Resources

San Juan Co. NM (Nad 83 West)

Sec 30 T31N, R14W

Osprey 30-7 - Slot 30-7

DD

Job #: 1515

API: 30-045-35736

Survey: Final

Mesa West Survey Report

23 November, 2015



Site: Sec 30 T31N, R14W
Well: Osprey 30-7
Wellbore: DD
Plan: Final

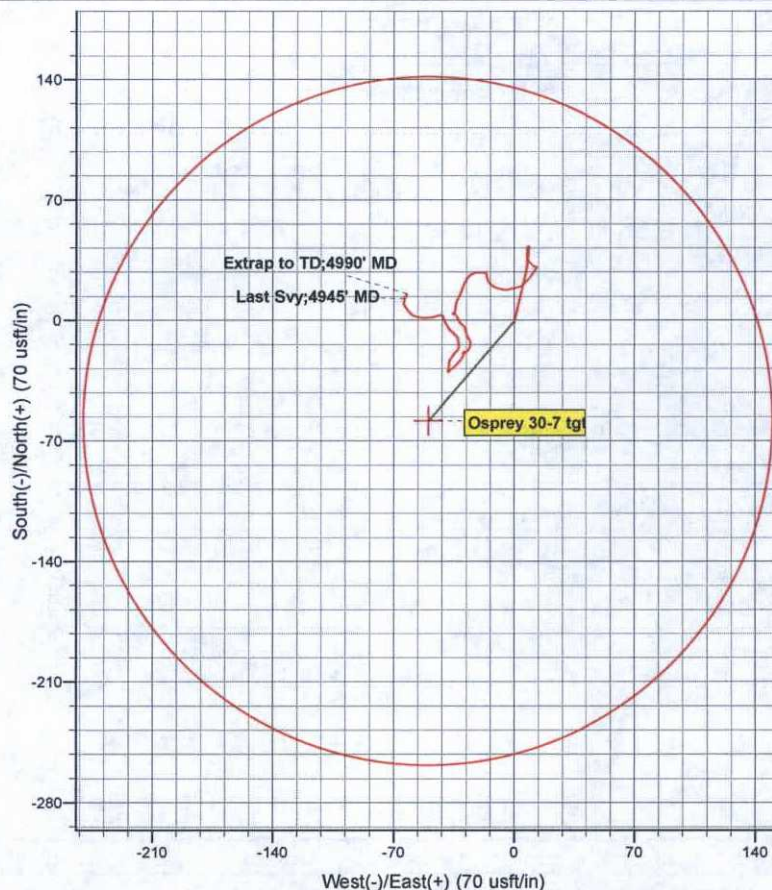
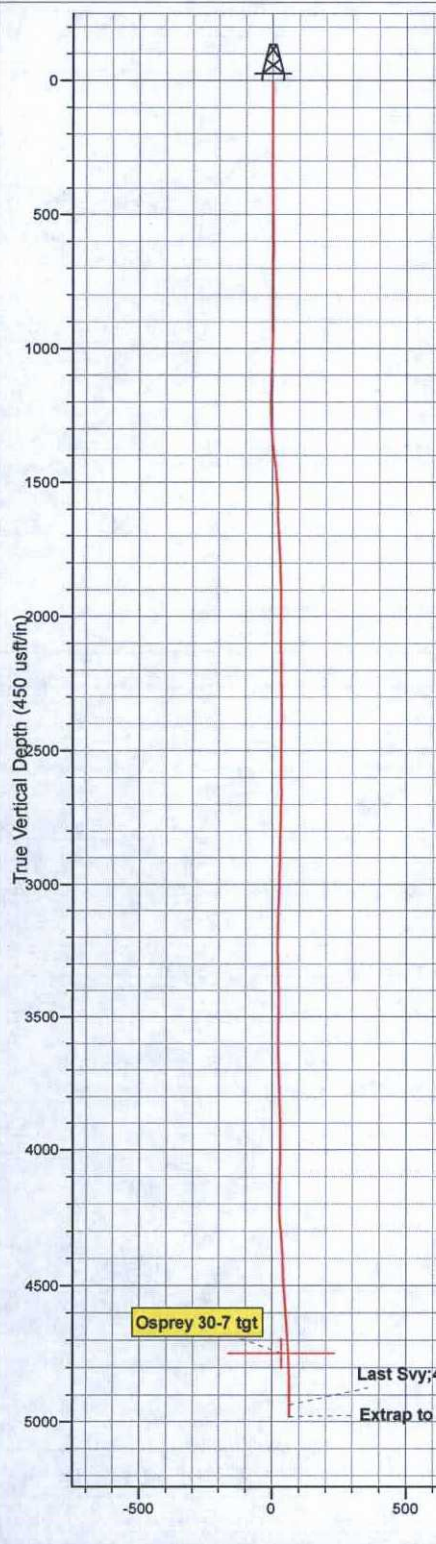
Reference Details - WELL CENTRE

Geodetic System: US State Plane 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
Northing: 2137828.51
Easting: 2572493.13
Latitude: 36° 52' 26.022 N
Longitude: 108° 20' 53.579 W
Grid Convergence: 0.31° East
Ground Elevation: 5570.0
KB Elevation: RKB @ 5582.0usft (Aztec 507 KB 12')



Azimuths to True North
Magnetic North: 9.63°

Magnetic Field
Strength: 50314.1snT
Dip Angle: 63.37°
Date: 07/10/2015
Model: IGRF201015



ANNOTATIONS

TVD	MD	Annotation
4936.3	4945.0	Last Svy; 4945' MD
4981.2	4990.0	Extrap to TD; 4990' MD



OIL CONS. DIV DIST. 3

NOV 30 2015

Company:	BridgeCreek Resources	Local Co-ordinate Reference:	Well Osprey 30-7 - Slot 30-7
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	RKB @ 5582.0usft (Aztec 507 KB 12')
Site:	Sec 30 T31N, R14W	MD Reference:	RKB @ 5582.0usft (Aztec 507 KB 12')
Well:	Osprey 30-7	North Reference:	True
Wellbore:	DD	Survey Calculation Method:	Minimum Curvature
Survey:	Final	Database:	WellPlan Services

Project	San Juan Co. NM (Nad 83 West)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	Sec 30 T31N, R14W		
Site Position:		Northing:	2,137,828.51 usft
From:	Lat/Long	Easting:	2,572,493.13 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	36° 52' 26.022 N
		Longitude:	108° 20' 53.579 W
		Grid Convergence:	-0.31 °

Well	Osprey 30-7 - Slot 30-7		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	36° 52' 26.022 N
		Longitude:	108° 20' 53.579 W
		Ground Level:	5,570.0 usft

Wellbore	DD		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF201015	07/10/2015	9.63
			Dip Angle
			(°)
			Field Strength
			(nT)
			63.37
			50,314

Survey	Final		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			283.88

Survey Program	Date 23/11/2015		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
404.0	4,990.0	Final (DD)	MWD
			Description
			MWD - Standard

Survey										
Measured Depth	Inclination	Azimuth	Vertical Depth	Subsea	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.0	0.00	0.00	0.0	-5,582.0	0.0	0.0	0.0	0.00	0.00	0.00
404.0	7.60	13.30	402.8	-5,179.2	26.0	6.2	0.3	1.88	1.88	0.00
436.0	8.00	12.00	434.5	-5,147.5	30.3	7.1	0.4	1.37	1.25	-4.06
467.0	6.80	359.00	465.3	-5,116.7	34.2	7.5	0.9	6.62	-3.87	-41.94
531.0	3.30	359.00	529.0	-5,053.0	39.9	7.4	2.4	5.47	-5.47	0.00
594.0	2.50	18.19	591.9	-4,990.1	43.0	7.8	2.7	1.98	-1.27	30.46
657.0	1.60	165.10	654.9	-4,927.1	43.4	8.5	2.2	6.25	-1.43	233.19
720.0	0.60	193.40	717.9	-4,864.1	42.3	8.6	1.8	1.76	-1.59	44.92
783.0	1.10	178.40	780.9	-4,801.1	41.3	8.6	1.6	0.86	0.79	-23.81
846.0	2.70	191.90	843.9	-4,738.1	39.3	8.3	1.4	2.62	2.54	21.43

Company:	Bridgreek Resources	Local Co-ordinate Reference:	Well Osprey 30-7 - Slot 30-7
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	RKB @ 5582.0usft (Aztec 507 KB 12')
Site:	Sec 30 T31N, R14W	MD Reference:	RKB @ 5582.0usft (Aztec 507 KB 12')
Well:	Osprey 30-7	North Reference:	True
Wellbore:	DD	Survey Calculation Method:	Minimum Curvature
Survey:	Final	Database:	WellPlan Services

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
910.0	2.90	180.50	907.8	-4,674.2	36.2	8.0	1.0	0.92	0.31	-17.81
972.0	1.20	100.40	969.7	-4,612.3	34.5	8.6	0.0	4.74	-2.74	-129.19
1,036.0	3.10	157.00	1,033.7	-4,548.3	32.8	9.9	-1.8	4.12	2.97	88.44
1,099.0	1.90	85.30	1,096.7	-4,485.3	31.3	11.6	-3.8	4.90	-1.90	-113.81
1,162.0	0.50	104.30	1,159.6	-4,422.4	31.3	12.9	-5.0	2.28	-2.22	30.16
1,225.0	3.90	216.40	1,222.6	-4,359.4	29.5	11.9	-4.5	6.53	5.40	177.94
1,288.0	6.50	212.90	1,285.3	-4,296.7	24.8	8.7	-2.5	4.16	4.13	-5.56
1,351.0	7.30	238.20	1,347.9	-4,234.1	19.7	3.4	1.5	4.94	1.27	40.16
1,414.0	8.10	274.40	1,410.4	-4,171.6	17.9	-4.5	8.6	7.67	1.27	57.46
1,477.0	5.00	295.90	1,472.9	-4,109.1	19.5	-11.4	15.7	6.19	-4.92	34.13
1,540.0	4.50	333.30	1,535.7	-4,046.3	22.9	-14.9	20.0	4.89	-0.79	59.37
1,603.0	2.20	1.50	1,598.6	-3,983.4	26.3	-16.0	21.9	4.39	-3.65	44.76
1,666.0	3.00	282.60	1,661.6	-3,920.4	27.9	-17.6	23.8	5.33	1.27	-125.24
1,760.0	3.60	258.30	1,755.4	-3,826.6	27.8	-22.9	28.9	1.60	0.64	-25.85
1,823.0	2.60	223.40	1,818.3	-3,763.7	26.4	-25.8	31.4	3.32	-1.59	-55.40
1,887.0	2.30	218.50	1,882.3	-3,699.7	24.3	-27.6	32.6	0.57	-0.47	-7.66
1,981.0	1.30	200.40	1,976.2	-3,605.8	21.8	-29.1	33.5	1.21	-1.06	-19.26
2,076.0	2.50	200.20	2,071.2	-3,510.8	18.9	-30.2	33.9	1.26	1.26	-0.21
2,139.0	2.50	197.80	2,134.1	-3,447.9	16.3	-31.1	34.1	0.17	0.00	-3.81
2,203.0	2.40	207.50	2,198.1	-3,383.9	13.8	-32.2	34.5	0.67	-0.16	15.16
2,266.0	2.00	210.10	2,261.0	-3,321.0	11.6	-33.3	35.2	0.65	-0.63	4.13
2,329.0	2.30	186.50	2,324.0	-3,258.0	9.4	-34.0	35.3	1.47	0.48	-37.46
2,392.0	2.40	188.30	2,386.9	-3,195.1	6.9	-34.4	35.0	0.20	0.16	2.86
2,455.0	1.70	186.70	2,449.9	-3,132.1	4.6	-34.7	34.8	1.11	-1.11	-2.54
2,518.0	1.10	262.10	2,512.9	-3,069.1	3.6	-35.4	35.2	2.82	-0.95	119.68
2,582.0	1.20	16.00	2,576.9	-3,005.1	4.2	-35.8	35.8	3.01	0.16	177.97
2,645.0	0.80	104.50	2,639.9	-2,942.1	4.7	-35.2	35.3	2.26	-0.63	140.48
2,708.0	2.20	141.40	2,702.8	-2,879.2	3.6	-34.0	33.9	2.59	2.22	58.57
2,771.0	3.40	159.30	2,765.8	-2,816.2	1.0	-32.6	31.9	2.33	1.90	28.41
2,834.0	1.20	141.40	2,828.7	-2,753.3	-1.3	-31.5	30.3	3.63	-3.49	-28.41
2,897.0	1.30	113.90	2,891.7	-2,690.3	-2.1	-30.5	29.1	0.96	0.16	-43.65
2,960.0	2.90	143.50	2,954.6	-2,627.4	-3.7	-28.9	27.1	2.99	2.54	46.98
3,023.0	3.30	177.50	3,017.6	-2,564.4	-6.8	-27.8	25.4	2.94	0.63	53.97
3,086.0	2.30	143.60	3,080.5	-2,501.5	-9.6	-27.0	23.9	3.00	-1.59	-53.81
3,150.0	2.50	151.70	3,144.4	-2,437.6	-11.9	-25.6	22.0	0.61	0.31	12.66
3,212.0	3.10	202.00	3,206.4	-2,375.6	-14.6	-25.6	21.3	3.94	0.97	81.13
3,275.0	2.80	221.00	3,269.3	-2,312.7	-17.4	-27.2	22.3	1.61	-0.48	30.16
3,338.0	1.90	245.00	3,332.2	-2,249.8	-19.0	-29.2	23.8	2.09	-1.43	38.10
3,402.0	0.70	19.70	3,396.2	-2,185.8	-19.0	-30.0	24.6	3.82	-1.88	210.47
3,465.0	2.00	29.20	3,459.2	-2,122.8	-17.7	-29.3	24.2	2.09	2.06	15.08
3,528.0	1.80	190.00	3,522.2	-2,059.8	-17.7	-29.0	23.9	5.95	-0.32	255.24
3,591.0	2.70	201.40	3,585.1	-1,996.9	-20.1	-29.7	24.0	1.59	1.43	18.10
3,654.0	1.00	214.90	3,648.1	-1,933.9	-21.9	-30.5	24.4	2.77	-2.70	21.43
3,717.0	4.70	220.80	3,711.0	-1,871.0	-24.3	-32.5	25.8	5.88	5.87	9.37

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Wellbore:	DD	Survey Calculation Method:	Minimum Curvature
Survey:	Final	Database:	WellPlan Services

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,780.0	4.40	232.90	3,773.8	-1,808.2	-27.7	-36.2	28.4	1.59	-0.48	19.21
3,844.0	1.10	189.70	3,837.7	-1,744.3	-29.8	-38.2	29.9	5.74	-5.16	-67.50
3,907.0	2.30	344.40	3,900.7	-1,681.3	-29.2	-38.7	30.5	5.28	1.90	245.56
4,016.0	4.80	21.40	4,009.5	-1,572.5	-22.8	-37.6	31.0	3.00	2.29	33.94
4,066.0	5.30	45.60	4,059.3	-1,522.7	-19.3	-35.2	29.5	4.34	1.00	48.40
4,129.0	1.40	29.30	4,122.2	-1,459.8	-16.6	-32.7	27.8	6.31	-6.19	-25.87
4,192.0	3.70	10.00	4,185.1	-1,396.9	-13.9	-32.0	27.7	3.85	3.65	-30.63
4,255.0	4.40	330.60	4,248.0	-1,334.0	-9.8	-32.8	29.5	4.46	1.11	-62.54
4,286.0	6.00	308.80	4,278.9	-1,303.1	-7.7	-34.7	31.8	8.11	5.16	-70.32
4,318.0	7.20	312.10	4,310.7	-1,271.3	-5.3	-37.5	35.1	3.93	3.75	10.31
4,381.0	4.90	353.20	4,373.3	-1,208.7	0.0	-40.7	39.5	7.55	-3.65	65.24
4,475.0	2.80	251.40	4,467.2	-1,114.8	3.2	-43.4	42.9	6.51	-2.23	-108.30
4,538.0	5.40	255.00	4,530.0	-1,052.0	2.0	-47.7	46.8	4.15	4.13	5.71
4,601.0	4.20	277.80	4,592.8	-989.2	1.5	-52.8	51.6	3.54	-1.90	36.19
4,664.0	3.30	283.30	4,655.7	-926.3	2.2	-56.9	55.8	1.54	-1.43	8.73
4,727.0	3.40	313.70	4,718.6	-863.4	4.0	-60.0	59.2	2.79	0.16	48.25
4,790.0	4.40	327.00	4,781.4	-800.6	7.3	-62.7	62.6	2.13	1.59	21.11
4,853.0	1.10	336.10	4,844.4	-737.6	9.9	-64.2	64.7	5.27	-5.24	14.44
4,885.0	1.10	11.40	4,876.3	-705.7	10.4	-64.3	64.9	2.08	0.00	110.31
Last Svy;4945' MD										
4,945.0	3.30	20.50	4,936.3	-645.7	12.6	-63.6	64.7	3.70	3.67	15.17
Extrap to TD;4990' MD										
4,990.0	4.50	27.33	4,981.2	-600.8	15.4	-62.3	64.2	2.85	2.67	15.18

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Osprey 30-7 tgt	0.00	0.00	4,747.8	-58.1	-49.9	2,137,770.67	2,572,442.87	36° 52' 25.447 N	108° 20' 54.194 W
- hit/miss target									
- Shape									
- survey misses target center by 64.3usft at 4752.5usft MD (4744.0 TVD, 5.1 N, -61.1 E)									
- Circle (radius 200.0)									

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
4,945.0	4,936.3	12.6	-63.6	Last Svy;4945' MD	
4,990.0	4,981.2	15.4	-62.3	Extrap to TD;4990' MD	

Checked By: _____ Approved By: _____ Date: _____