

DISTRICT I
1635 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

*API Number 30-045-35737		*Pool Code 62510	*Pool Name Verde Gallup
*Property Code 315676	*Property Name PRAIRIE FALCON 19-29		*Well Number 17
*OGRID No. 310262	*Operator Name BRIDGECREEK RESOURCES (COLORADO), LLC		*Elevation 5602

¹⁰ Surface Location

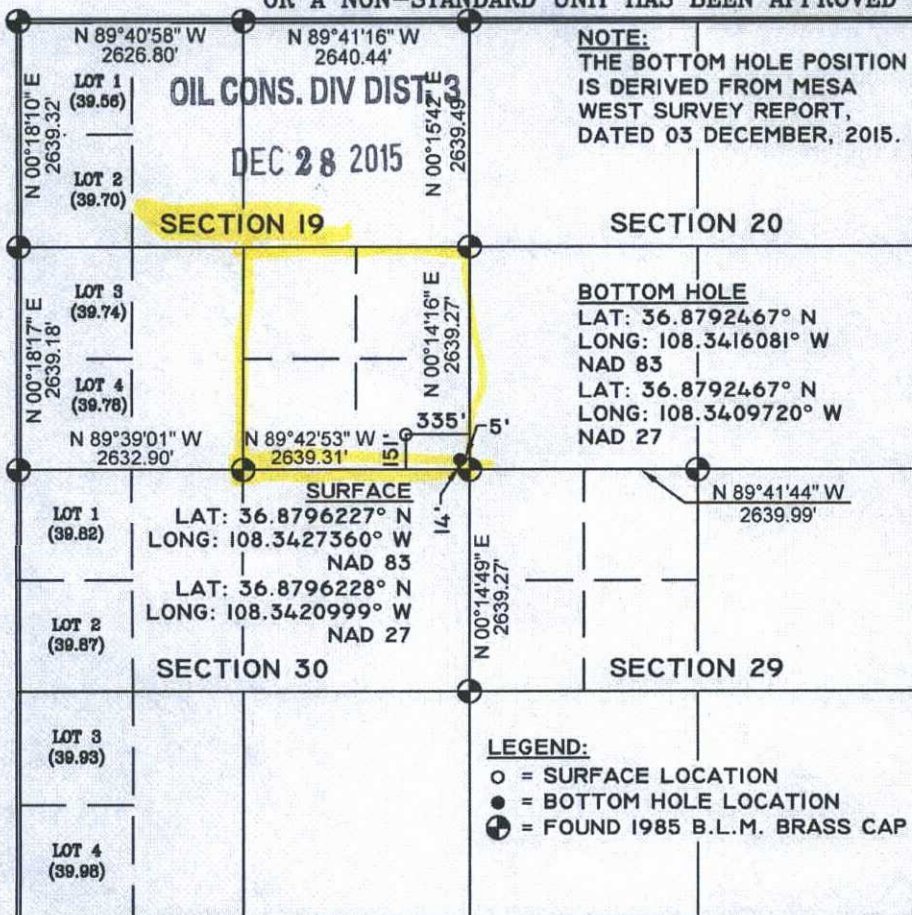
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	19	31 N	14 W		151	SOUTH	335	EAST	SAN JUAN

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
P	19	31 N	14 W		14	SOUTH	5	EAST	SAN JUAN

¹² Dedicated Acres 40, SESE of 19	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.

Christine Campbell 12/22/15
Signature Date
Christine Campbell
Printed Name
CCampbell@palomazr.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 of Professional Surveyor
MARSHALL W. LINDEEN
NEW MEXICO
17078
12-14-15
PROFESSIONAL SURVEYOR
17078
Certificate Number

AV



OIL CONS. DIV DIST. 3

JAN 19 2016

December 4, 2015

Bridgecreek Resources,(CO), LLC
405 Urban Street – Suite 400
Lake wood, CO 80228

Attention: Alicia Branch,

This letter is to certify that Mesa West Directional did run directional surveys on the following well:

Bridgecreek Resources (CO), LLC

Wellname: Prairie Falcon 19-2917

Location: Sec 19,T31N,R14W

County: San Juan

State: New Mexico

API#: 30-045-35737

The survey document is also attached to this cover letter.

To the best of my knowledge, I swear this information is true.

Regards,

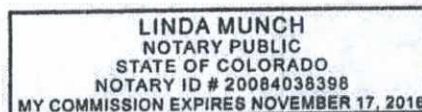
Peter Leskosek

President
Mesa West Directional
361 S Camino Del Rio #301
Durango, CO 81303

Peter Leskosek appeared
before me with valid
ID verifying his
signature.

State of CO
County of La Plata

My comm
exp: 11/17/2016



DEC 28 2015

BRIDGECREEK RESOURCES
(COLORADO), LLC

Mesa West Directional
Telephone: 970.764.4242
www.mesawestdirectional.com

Bridgecreek Resources

San Juan Co. NM (Nad 83 West)

Sec 19 T-31N R-14W

Prairie Falcon 19-2917 - Slot 17

DD

Job #: 1516

API: 30-045-35737

Survey: Final

Mesa West Survey Report

03 December, 2015



Site: Sec 19 T-31N R-14W
Well: Prairie Falcon 19-2917
Wellbore: DD
Plan: Final

Reference Details - WELL CENTRE

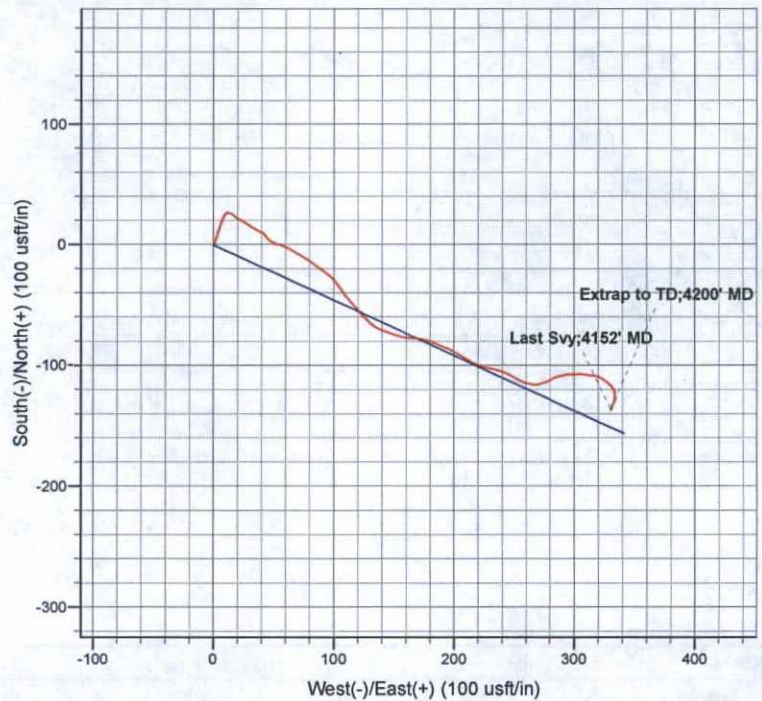
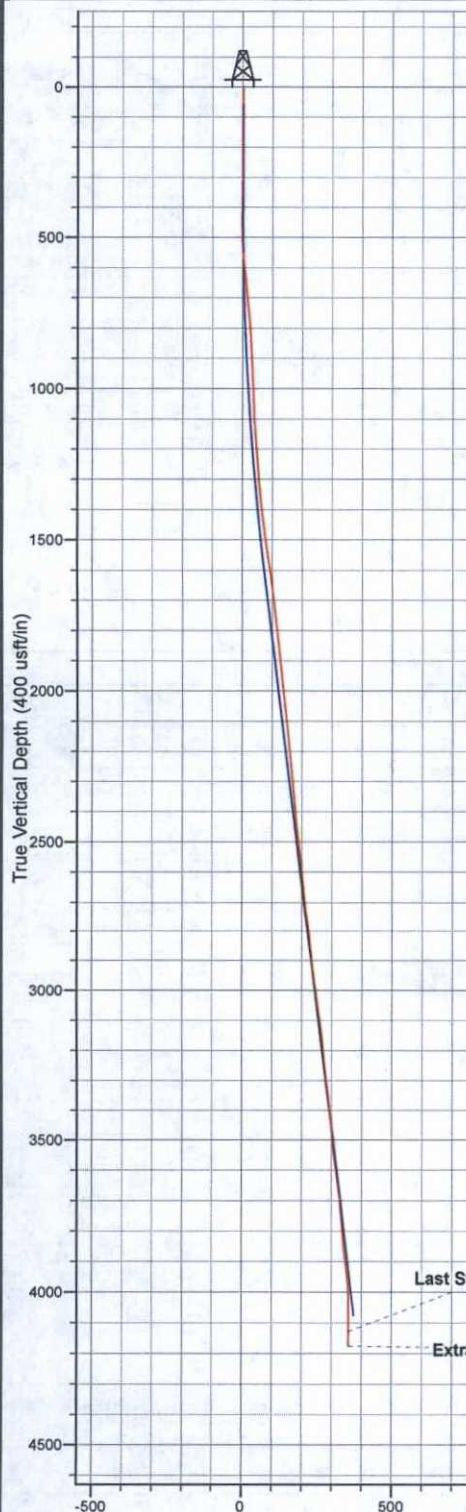
Geodetic System: US State Plane 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
Northing: 2139904.98
Easting: 2574107.35
Latitude: 36° 52' 46.640 N
Longitude: 108° 20' 33.848 W
Grid Convergence: 0.31° East
Ground Elevation: 5602.0
KB Elevation: Est RKB @ 5614.0usft (Aztec 507 (KB 12'))

Azimuths to True North
Magnetic North: 9.63°
Magnetic Field
Strength: 50317.9snT
Dip Angle: 63.37°
Date: 07/10/2015
Model: IGRF201015



PLAN DETAILS

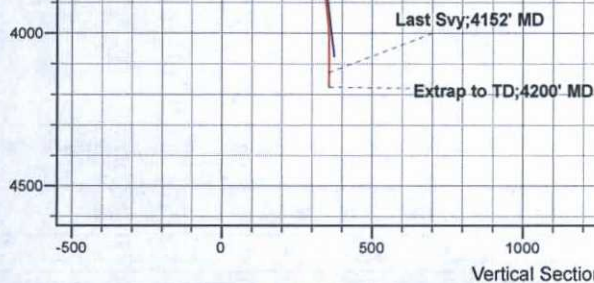
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSecl	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
360.0	0.00	0.00	360.0	0.0	0.0	0.00	0.00	0.0	
1623.9	6.93	114.63	1620.8	-31.8	69.4	0.55	114.63	-31.8	
4099.1	6.93	114.63	4078.0	-156.3	340.9	0.00	0.00	-156.3	Prairie Falcon 19-2917 tgt..



ANNOTATIONS

TVD	MD	Annotation
4128.6	4152.0	Last Svy;4152' MD
4176.6	4200.0	Extrap to TD;4200' MD

MESA WEST
DIRECTIONAL



Company:	BridgeCreek Resources	Local Co-ordinate Reference:	Well Prairie Falcon 19-2917 - Slot 17
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Site:	Sec 19 T-31N R-14W	MD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Well:	Prairie Falcon 19-2917	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 19 T-31N R-14W		
Site Position:		Northing:	2,144,381.87 usft
From:	Lat/Long	Easting:	2,572,481.39 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	36° 53' 30.821 N
		Longitude:	108° 20' 54.159 W
		Grid Convergence:	-0.31 °

Well	Prairie Falcon 19-2917 - Slot 17		
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' 46.640 N
		Longitude:	108° 20' 33.848 W
		Ground Level:	5,602.0 usft

Wellbore	DD		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF201015	07/10/2015	9.63
			Dip Angle (°)
			63.37
			Field Strength (nT)
			50,318

Survey	Final		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			114.63

Survey Program	Date 03/12/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
370.0	4,200.0	Final (DD)	MWD
			Description
			MWD - Standard

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)
0.0	0.00	0.00	0.0	-5,614.0	0.0	0.0	0.0	0.00	0.00	0.00
370.0	6.20	18.60	369.3	-5,244.7	19.0	6.4	-2.1	1.68	1.68	0.00
432.0	4.90	28.60	431.0	-5,183.0	24.5	8.7	-2.3	2.61	-2.10	16.13
495.0	2.50	78.20	493.9	-5,120.1	27.1	11.3	-1.0	6.02	-3.81	78.73
558.0	4.30	124.00	556.8	-5,057.2	26.1	14.7	2.5	4.96	2.86	72.70
621.0	6.00	124.70	619.5	-4,994.5	22.9	19.3	8.0	2.70	2.70	1.11
684.0	6.20	121.60	682.1	-4,931.9	19.2	24.9	14.7	0.61	0.32	-4.92
748.0	4.80	123.50	745.9	-4,868.1	15.9	30.1	20.7	2.21	-2.19	2.97
811.0	4.50	118.20	808.6	-4,805.4	13.3	34.5	25.8	0.83	-0.48	-8.41
874.0	2.50	118.60	871.5	-4,742.5	11.5	37.9	29.6	3.17	-3.17	0.63

Company:	Bridgreek Resources	Local Co-ordinate Reference:	Well Prairie Falcon 19-2917 - Slot 17
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Site:	Sec 19 T-31N R-14W	MD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Well:	Prairie Falcon 19-2917	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)
937.0	2.50	115.00	934.5	-4,679.5	10.2	40.3	32.4	0.25	0.00	-5.71
1,000.0	3.00	143.30	997.4	-4,616.6	8.3	42.5	35.2	2.27	0.79	44.92
1,063.0	2.90	149.40	1,060.3	-4,553.7	5.6	44.3	38.0	0.52	-0.16	9.68
1,126.0	3.80	121.30	1,123.2	-4,490.8	3.2	46.9	41.3	2.93	1.43	-44.60
1,189.0	5.40	111.60	1,186.0	-4,428.0	1.0	51.5	46.4	2.82	2.54	-15.40
1,252.0	4.10	101.90	1,248.8	-4,365.2	-0.6	56.4	51.5	2.42	-2.06	-15.40
1,315.0	4.00	116.90	1,311.6	-4,302.4	-2.0	60.6	55.9	1.68	-0.16	23.81
1,378.0	6.60	119.20	1,374.4	-4,239.6	-4.8	65.7	61.7	4.14	4.13	3.65
1,441.0	8.20	122.70	1,436.8	-4,177.2	-9.0	72.7	69.8	2.64	2.54	5.56
1,503.0	8.20	122.00	1,498.2	-4,115.8	-13.7	80.1	78.5	0.16	0.00	-1.13
1,567.0	7.80	128.40	1,561.6	-4,052.4	-18.8	87.4	87.3	1.52	-0.63	10.00
1,630.0	7.60	126.90	1,624.0	-3,990.0	-24.0	94.1	95.5	0.45	-0.32	-2.38
1,693.0	8.60	139.60	1,686.4	-3,927.6	-30.1	100.5	103.9	3.24	1.59	20.16
1,756.0	7.30	146.50	1,748.8	-3,865.2	-37.0	105.7	111.5	2.56	-2.06	10.95
1,820.0	6.90	141.30	1,812.3	-3,801.7	-43.4	110.4	118.4	1.18	-0.63	-8.13
1,882.0	6.60	138.10	1,873.9	-3,740.1	-48.9	115.1	125.0	0.78	-0.48	-5.16
1,946.0	6.50	138.90	1,937.4	-3,676.6	-54.4	119.9	131.7	0.21	-0.16	1.25
2,009.0	6.70	136.80	2,000.0	-3,614.0	-59.8	124.8	138.3	0.50	0.32	-3.33
2,072.0	6.40	132.40	2,062.6	-3,551.4	-64.8	129.9	145.1	0.93	-0.48	-6.98
2,136.0	6.10	117.60	2,126.2	-3,487.8	-68.8	135.5	151.9	2.55	-0.47	-23.13
2,247.0	6.00	105.90	2,236.6	-3,377.4	-73.1	146.4	163.5	1.11	-0.09	-10.54
2,262.0	5.40	106.60	2,251.5	-3,362.5	-73.5	147.8	165.0	4.03	-4.00	4.67
2,325.0	5.40	111.90	2,314.3	-3,299.7	-75.5	153.4	170.9	0.79	0.00	8.41
2,388.0	5.40	96.00	2,377.0	-3,237.0	-76.9	159.1	176.7	2.37	0.00	-25.24
2,452.0	6.20	93.20	2,440.7	-3,173.3	-77.4	165.5	182.7	1.33	1.25	-4.38
2,515.0	7.10	97.70	2,503.2	-3,110.8	-78.1	172.8	189.6	1.65	1.43	7.14
2,578.0	6.50	112.50	2,565.8	-3,048.2	-80.0	179.9	196.9	2.93	-0.95	23.49
2,641.0	5.70	114.50	2,628.4	-2,985.6	-82.7	186.1	203.6	1.31	-1.27	3.17
2,704.0	5.90	109.00	2,691.1	-2,922.9	-85.0	192.0	209.9	0.94	0.32	-8.73
2,768.0	7.70	119.10	2,754.7	-2,859.3	-88.2	198.8	217.5	3.37	2.81	15.78
2,831.0	6.60	119.90	2,817.2	-2,796.8	-92.0	205.7	225.3	1.75	-1.75	1.27
2,894.0	5.10	120.80	2,879.9	-2,734.1	-95.3	211.2	231.7	2.39	-2.38	1.43
2,957.0	7.30	118.70	2,942.5	-2,671.5	-98.6	217.1	238.5	3.51	3.49	-3.33
3,020.0	8.20	101.20	3,004.9	-2,609.1	-101.4	225.0	246.8	3.99	1.43	-27.78
3,083.0	8.90	102.70	3,067.2	-2,546.8	-103.4	234.2	256.0	1.17	1.11	2.38
3,146.0	7.00	114.30	3,129.6	-2,484.4	-106.0	242.5	264.6	3.93	-3.02	18.41
3,210.0	4.70	120.40	3,193.3	-2,420.7	-109.0	248.3	271.1	3.72	-3.59	9.53
El Vado;3271' MD										
3,271.0	6.06	119.42	3,254.0	-2,360.0	-111.8	253.2	276.8	2.23	2.22	-1.60
3,273.0	6.10	119.40	3,256.0	-2,358.0	-111.9	253.4	277.0	2.23	2.22	-1.23
3,336.0	7.30	104.00	3,318.6	-2,295.4	-114.5	260.2	284.3	3.41	1.90	-24.44
3,368.0	6.90	104.10	3,350.3	-2,263.7	-115.5	264.1	288.2	1.25	-1.25	0.31
3,399.0	7.30	83.60	3,381.1	-2,232.9	-115.7	267.8	291.7	8.23	1.29	-66.13
3,463.0	7.80	66.00	3,444.5	-2,169.5	-113.5	275.8	298.0	3.68	0.78	-27.50

Company:	BridgeCreek Resources	Local Co-ordinate Reference:	Well Prairie Falcon 19-2917 - Slot 17
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Site:	Sec 19 T-31N R-14W	MD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Well:	Prairie Falcon 19-2917	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)
3,526.0	8.90	63.50	3,506.9	-2,107.1	-109.6	284.1	303.9	1.84	1.75	-3.97
3,589.0	8.40	89.40	3,569.2	-2,044.8	-107.4	293.1	311.1	6.18	-0.79	41.11
3,652.0	8.80	88.00	3,631.5	-1,982.5	-107.1	302.5	319.6	0.72	0.63	-2.22
3,715.0	6.40	100.10	3,693.9	-1,920.1	-107.6	310.8	327.3	4.56	-3.81	19.21
3,779.0	5.00	94.40	3,757.6	-1,856.4	-108.4	317.0	333.4	2.36	-2.19	-8.91
3,842.0	4.20	123.70	3,820.4	-1,793.6	-109.9	321.7	338.2	3.89	-1.27	46.51
3,905.0	8.20	126.40	3,883.0	-1,731.0	-113.9	327.2	344.9	6.36	6.35	4.29
3,968.0	8.00	155.50	3,945.4	-1,668.6	-120.5	332.7	352.6	6.45	-0.32	46.19
4,031.0	5.90	197.80	4,008.0	-1,606.0	-127.6	333.5	356.3	8.53	-3.33	67.14
4,095.0	4.30	205.00	4,071.7	-1,542.3	-132.9	331.5	356.7	2.69	-2.50	11.25
Last Svy;4152' MD										
4,152.0	2.10	203.30	4,128.6	-1,485.4	-135.8	330.2	356.7	3.86	-3.86	-2.98
Extrap to TD;4200' MD										
4,200.0	0.25	201.87	4,176.6	-1,437.4	-136.7	329.8	356.8	3.85	-3.85	-2.98

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
3,271.0	3,254.0	-111.8	253.2	El Vado;3271' MD	
4,152.0	4,128.6	-135.8	330.2	Last Svy;4152' MD	
4,200.0	4,176.6	-136.7	329.8	Extrap to TD;4200' MD	

Checked By: _____ Approved By: _____ Date: _____

Bridgecreek Resources

San Juan Co. NM (Nad 83 West)

Sec 19 T-31N R-14W

Prairie Falcon 19-2917 - Slot 17

DD

Survey: Final

Survey Report - Geographic

03 December, 2015



Company:	BridgeCreek Resources	Local Co-ordinate Reference:	Well Prairie Falcon 19-2917 - Slot 17
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Site:	Sec 19 T-31N R-14W	MD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Well:	Prairie Falcon 19-2917	North Reference:	True
Wellbore:	DD	Survey Calculation Method:	Minimum Curvature
Design:	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 19 T-31N R-14W		
Site Position:		Northing:	2,144,381.87 usft
From:	Lat/Long	Easting:	2,572,481.39 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	36° 53' 30.821 N
		Longitude:	108° 20' 54.159 W
		Grid Convergence:	-0.31 °

Well	Prairie Falcon 19-2917 - Slot 17		
Well Position	+N/-S	0.0 usft	Northing: 2,139,904.98 usft
	+E/-W	0.0 usft	Easting: 2,574,107.35 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	36° 52' 46.640 N
		Longitude:	108° 20' 33.848 W
		Ground Level:	5,602.0 usft

Wellbore	DD		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF201015	07/10/2015	9.63
			Dip Angle (°) 63.37
			Field Strength (nT) 50,318

Design	Final		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°) 114.63

Survey Program	Date 03/12/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
370.0	4,200.0 Final (DD)		MWD
			Description MWD - Standard

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.0	0.00	0.00	0.0	0.0	0.0	2,139,904.98	2,574,107.35	36° 52' 46.640 N	108° 20' 33.848 W	
370.0	6.20	18.60	369.3	19.0	6.4	2,139,923.90	2,574,113.83	36° 52' 46.827 N	108° 20' 33.770 W	
432.0	4.90	28.60	431.0	24.5	8.7	2,139,929.38	2,574,116.19	36° 52' 46.882 N	108° 20' 33.741 W	
495.0	2.50	78.20	493.9	27.1	11.3	2,139,932.01	2,574,118.84	36° 52' 46.908 N	108° 20' 33.708 W	
558.0	4.30	124.00	556.8	26.1	14.7	2,139,930.96	2,574,122.14	36° 52' 46.898 N	108° 20' 33.668 W	
621.0	6.00	124.70	619.5	22.9	19.3	2,139,927.74	2,574,126.79	36° 52' 46.866 N	108° 20' 33.610 W	
684.0	6.20	121.60	682.1	19.2	24.9	2,139,924.05	2,574,132.37	36° 52' 46.830 N	108° 20' 33.541 W	
748.0	4.80	123.50	745.9	15.9	30.1	2,139,920.73	2,574,137.53	36° 52' 46.797 N	108° 20' 33.478 W	
811.0	4.50	118.20	808.6	13.3	34.5	2,139,918.09	2,574,141.89	36° 52' 46.771 N	108° 20' 33.424 W	
874.0	2.50	118.60	871.5	11.5	37.9	2,139,916.24	2,574,145.27	36° 52' 46.753 N	108° 20' 33.382 W	
937.0	2.50	115.00	934.5	10.2	40.3	2,139,914.99	2,574,147.71	36° 52' 46.741 N	108° 20' 33.352 W	
1,000.0	3.00	143.30	997.4	8.3	42.5	2,139,913.08	2,574,149.93	36° 52' 46.722 N	108° 20' 33.324 W	

Company:	BridgeCreek Resources	Local Co-ordinate Reference:	Well Prairie Falcon 19-2917 - Slot 17
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Site:	Sec 19 T-31N R-14W	MD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Well:	Prairie Falcon 19-2917	North Reference:	True
Wellbore:	DD	Survey Calculation Method:	Minimum Curvature
Design:	Final	Database:	WellPlan Services

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,063.0	2.90	149.40	1,060.3	5.6	44.3	2,139,910.37	2,574,151.72	36° 52' 46.696 N	108° 20' 33.302 W
1,126.0	3.80	121.30	1,123.2	3.2	46.9	2,139,907.90	2,574,154.30	36° 52' 46.671 N	108° 20' 33.270 W
1,189.0	5.40	111.60	1,186.0	1.0	51.5	2,139,905.70	2,574,158.83	36° 52' 46.650 N	108° 20' 33.215 W
1,252.0	4.10	101.90	1,248.8	-0.6	56.4	2,139,904.12	2,574,163.78	36° 52' 46.634 N	108° 20' 33.153 W
1,315.0	4.00	116.90	1,311.6	-2.0	60.6	2,139,902.64	2,574,167.93	36° 52' 46.620 N	108° 20' 33.102 W
1,378.0	6.60	119.20	1,374.4	-4.8	65.7	2,139,899.85	2,574,173.04	36° 52' 46.593 N	108° 20' 33.039 W
1,441.0	8.20	122.70	1,436.8	-9.0	72.7	2,139,895.62	2,574,179.96	36° 52' 46.551 N	108° 20' 32.954 W
1,503.0	8.20	122.00	1,498.2	-13.7	80.1	2,139,890.85	2,574,187.40	36° 52' 46.504 N	108° 20' 32.862 W
1,567.0	7.80	128.40	1,561.6	-18.8	87.4	2,139,885.69	2,574,194.65	36° 52' 46.454 N	108° 20' 32.772 W
1,630.0	7.60	126.90	1,624.0	-24.0	94.1	2,139,880.50	2,574,201.31	36° 52' 46.403 N	108° 20' 32.690 W
1,693.0	8.60	139.60	1,686.4	-30.1	100.5	2,139,874.38	2,574,207.66	36° 52' 46.343 N	108° 20' 32.611 W
1,756.0	7.30	146.50	1,748.8	-37.0	105.7	2,139,867.43	2,574,212.88	36° 52' 46.274 N	108° 20' 32.547 W
1,820.0	6.90	141.30	1,812.3	-43.4	110.4	2,139,861.01	2,574,217.50	36° 52' 46.211 N	108° 20' 32.489 W
1,882.0	6.60	138.10	1,873.9	-48.9	115.1	2,139,855.43	2,574,222.18	36° 52' 46.156 N	108° 20' 32.432 W
1,946.0	6.50	138.90	1,937.4	-54.4	119.9	2,139,849.93	2,574,226.98	36° 52' 46.102 N	108° 20' 32.372 W
2,009.0	6.70	136.80	2,000.0	-59.8	124.8	2,139,844.54	2,574,231.82	36° 52' 46.049 N	108° 20' 32.312 W
2,072.0	6.40	132.40	2,062.6	-64.8	129.9	2,139,839.47	2,574,236.90	36° 52' 45.999 N	108° 20' 32.249 W
2,136.0	6.10	117.60	2,126.2	-68.8	135.5	2,139,835.46	2,574,242.52	36° 52' 45.960 N	108° 20' 32.180 W
2,247.0	6.00	105.90	2,236.6	-73.1	146.4	2,139,831.08	2,574,253.31	36° 52' 45.917 N	108° 20' 32.047 W
2,262.0	5.40	106.60	2,251.5	-73.5	147.8	2,139,830.65	2,574,254.73	36° 52' 45.913 N	108° 20' 32.029 W
2,325.0	5.40	111.90	2,314.3	-75.5	153.4	2,139,828.67	2,574,260.32	36° 52' 45.893 N	108° 20' 31.960 W
2,388.0	5.40	96.00	2,377.0	-76.9	159.1	2,139,827.22	2,574,266.01	36° 52' 45.879 N	108° 20' 31.890 W
2,452.0	6.20	93.20	2,440.7	-77.4	165.5	2,139,826.68	2,574,272.45	36° 52' 45.874 N	108° 20' 31.811 W
2,515.0	7.10	97.70	2,503.2	-78.1	172.8	2,139,825.93	2,574,279.70	36° 52' 45.867 N	108° 20' 31.722 W
2,578.0	6.50	112.50	2,565.8	-80.0	179.9	2,139,824.01	2,574,286.84	36° 52' 45.849 N	108° 20' 31.633 W
2,641.0	5.70	114.50	2,628.4	-82.7	186.1	2,139,821.31	2,574,292.97	36° 52' 45.822 N	108° 20' 31.558 W
2,704.0	5.90	109.00	2,691.1	-85.0	192.0	2,139,818.93	2,574,298.87	36° 52' 45.799 N	108° 20' 31.485 W
2,768.0	7.70	119.10	2,754.7	-88.2	198.8	2,139,815.74	2,574,305.71	36° 52' 45.768 N	108° 20' 31.401 W
2,831.0	6.60	119.90	2,817.2	-92.0	205.7	2,139,811.84	2,574,312.51	36° 52' 45.730 N	108° 20' 31.317 W
2,894.0	5.10	120.80	2,879.9	-95.3	211.2	2,139,808.57	2,574,318.04	36° 52' 45.698 N	108° 20' 31.248 W
2,957.0	7.30	118.70	2,942.5	-98.6	217.1	2,139,805.19	2,574,323.94	36° 52' 45.665 N	108° 20' 31.176 W
3,020.0	8.20	101.20	3,004.9	-101.4	225.0	2,139,802.35	2,574,331.84	36° 52' 45.637 N	108° 20' 31.078 W
3,083.0	8.90	102.70	3,067.2	-103.4	234.2	2,139,800.36	2,574,340.99	36° 52' 45.618 N	108° 20' 30.965 W
3,146.0	7.00	114.30	3,129.6	-106.0	242.5	2,139,797.66	2,574,349.23	36° 52' 45.591 N	108° 20' 30.864 W
3,210.0	4.70	120.40	3,193.3	-109.0	248.3	2,139,794.70	2,574,355.04	36° 52' 45.562 N	108° 20' 30.792 W
3,271.0	6.06	119.42	3,254.0	-111.8	253.2	2,139,791.83	2,574,359.98	36° 52' 45.534 N	108° 20' 30.731 W
El Vado;3271' MD									
3,273.0	6.10	119.40	3,256.0	-111.9	253.4	2,139,791.72	2,574,360.16	36° 52' 45.533 N	108° 20' 30.729 W
3,336.0	7.30	104.00	3,318.6	-114.5	260.2	2,139,789.07	2,574,366.95	36° 52' 45.507 N	108° 20' 30.645 W
3,368.0	6.90	104.10	3,350.3	-115.5	264.1	2,139,788.09	2,574,370.78	36° 52' 45.498 N	108° 20' 30.598 W
3,399.0	7.30	83.60	3,381.1	-115.7	267.8	2,139,787.84	2,574,374.54	36° 52' 45.496 N	108° 20' 30.552 W
3,463.0	7.80	66.00	3,444.5	-113.5	275.8	2,139,790.02	2,574,382.56	36° 52' 45.518 N	108° 20' 30.453 W
3,526.0	8.90	63.50	3,506.9	-109.6	284.1	2,139,793.88	2,574,390.85	36° 52' 45.556 N	108° 20' 30.351 W
3,589.0	8.40	89.40	3,569.2	-107.4	293.1	2,139,796.06	2,574,399.83	36° 52' 45.578 N	108° 20' 30.241 W
3,652.0	8.80	88.00	3,631.5	-107.1	302.5	2,139,796.23	2,574,409.25	36° 52' 45.580 N	108° 20' 30.125 W
3,715.0	6.40	100.10	3,693.9	-107.6	310.8	2,139,795.73	2,574,417.52	36° 52' 45.576 N	108° 20' 30.023 W
3,779.0	5.00	94.40	3,757.6	-108.4	317.0	2,139,794.86	2,574,423.81	36° 52' 45.568 N	108° 20' 29.946 W
3,842.0	4.20	123.70	3,820.4	-109.9	321.7	2,139,793.35	2,574,428.46	36° 52' 45.553 N	108° 20' 29.888 W
3,905.0	8.20	126.40	3,883.0	-113.9	327.2	2,139,789.37	2,574,433.98	36° 52' 45.514 N	108° 20' 29.820 W
3,968.0	8.00	155.50	3,945.4	-120.5	332.7	2,139,782.68	2,574,439.38	36° 52' 45.448 N	108° 20' 29.753 W
4,031.0	5.90	197.80	4,008.0	-127.6	333.5	2,139,775.60	2,574,440.17	36° 52' 45.378 N	108° 20' 29.743 W
4,095.0	4.30	205.00	4,071.7	-132.9	331.5	2,139,770.30	2,574,438.12	36° 52' 45.326 N	108° 20' 29.768 W
4,152.0	2.10	203.30	4,128.6	-135.8	330.2	2,139,767.41	2,574,436.79	36° 52' 45.297 N	108° 20' 29.784 W
Last Svy;4152' MD									

Company:	BridgeCreek Resources	Local Co-ordinate Reference:	Well Prairie Falcon 19-2917 - Slot 17
Project:	San Juan Co. NM (Nad 83 West)	TVD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Site:	Sec 19 T-31N R-14W	MD Reference:	Est RKB @ 5614.0usft (Aztec 507 (KB 12'))
Well:	Prairie Falcon 19-2917	North Reference:	True
Wellbore:	DD	Survey Calculation Method:	Minimum Curvature
Design:	Final	Database:	WellPlan Services

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,200.0	0.25	201.87	4,176.6	-136.7	329.8	2,139,766.51	2,574,436.40	36° 52' 45.288 N	108° 20' 29.789 W
Extrap to TD;4200' MD									

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
3,271.0	3,254.0	-111.8	253.2	El Vado;3271' MD	
4,152.0	4,128.6	-135.8	330.2	Last Svy;4152' MD	
4,200.0	4,176.6	-136.7	329.8	Extrap to TD;4200' MD	

Checked By: _____ Approved By: _____ Date: _____