

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

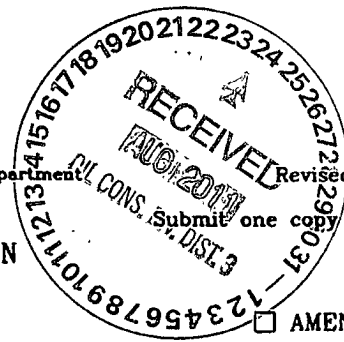
DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 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 July 10, 2010

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-31024		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde / Basin Dakota
*Property Code 21944	*Property Name JICARILLA 119N		*Well Number 8M
*GRID No. 162928	*Operator Name ENERGEN RESOURCES CORPORATION		*Elevation 6831'

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
K	8	26N	4W		2458'	SOUTH	1424'	WEST	RIO ARRIBA

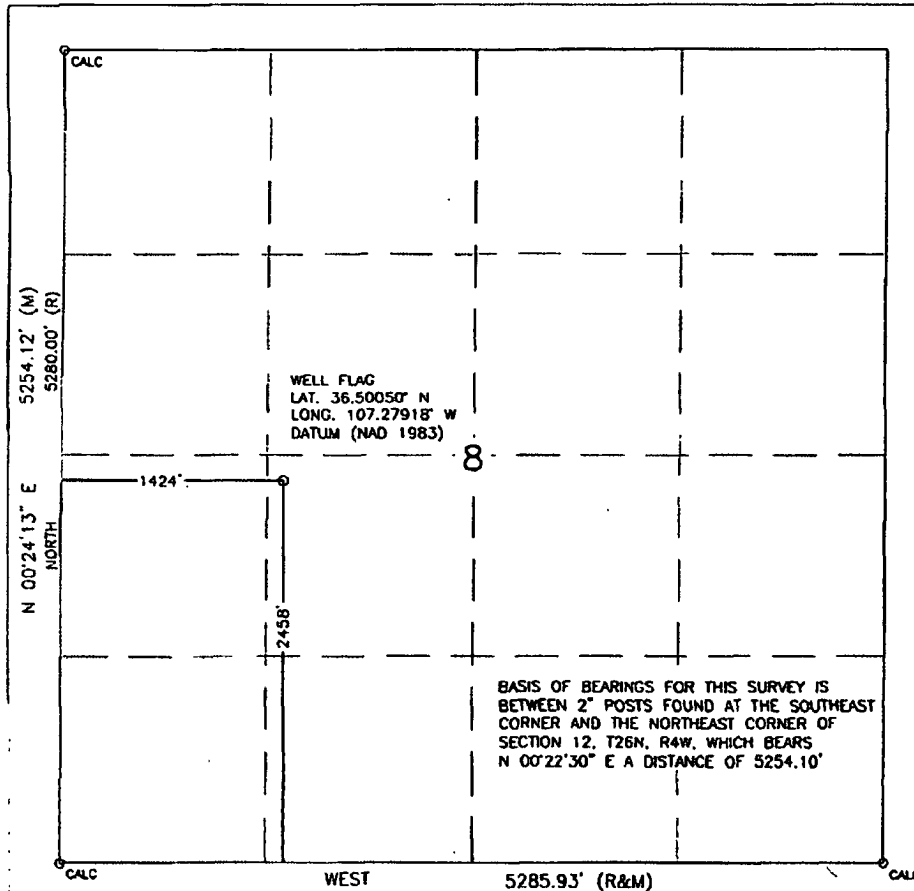
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 320 W/2	*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

16



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: *Andrew Soto* Date: 3-31-11

Printed Name: Andrew Soto

E-mail Address: asoto@energen.com

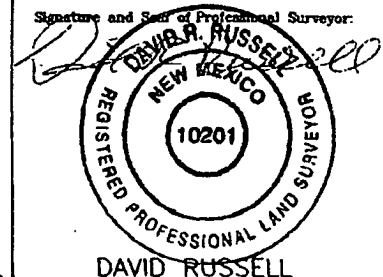
18 SURVEYOR CERTIFICATION

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.

OCTOBER 15, 2010

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number 10201

A

DEVIATION REPORT

Name of Company Energen Resources Corporation		Address 2010 Afton Place, Farmington, NM 87401					
Lease Name & Number Jicarilla 119N #8M	Unit Letter K	Sec. 8		Twn 26N		Rge 04W	
Pool and Formation Basin Dakota (71599)		API Number 30-039-31024		County Rio Arriba			

Depth (Ft.)	Deviation (Degrees)
147	1.00
271	0.75
271	0.00
298	0.20
319	0.10
380	0.10
538	0.20
697	0.40
856	0.30
1015	0.80
1147	0.80
1330	0.90
1491	0.70
1650	0.80
1808	0.90
1967	0.80
2126	1.00
2190	0.30
2349	0.60
2508	0.80
2667	0.50
2826	0.50
2985	0.60
3142	0.60
3299	0.80
3458	0.40
3617	0.60
3750	0.50
4287	0.75
5130	0.75
6082	1.00
7010	0.75
7940	0.75



I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Energen Resources Corporation, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

[Signature]

Subscribed and sworn to before me this 29th day of August 2011.

Gillian Black
Notary Public in and for San Juan County, New Mexico
My commission expires: October 2, 2011



A

Job Number: 1103
Company: Energen Resources
Lease/Well: Jicarilla 119 #8M
Location: Sec. 08, T26N, R04W
Rig Name: Aztec 545
RKB: 6843
G.L. or M.S.L.: 6831

State/Country: NM / USA
Declination: 9.86
Grid: ☐
File name: C:\WINSERVE\1103.SVY
Date/Time: 29-Jun-11 / 08:23
Curve Name: ☐



WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
271.00	.00	.00	271.00	.00	.00	.00	.00	.00	.00
298.00	.20	187.80	298.00	-.05	-.01	-.05	.05	187.79	.74
319.00	.10	215.40	319.00	-.10	-.02	-.10	.10	192.65	.57
380.00	.10	180.20	380.00	-.19	-.05	-.19	.20	195.24	.10
538.00	.20	251.90	538.00	-.42	-.32	-.42	.52	217.05	.12
697.00	.40	266.90	697.00	-.53	-1.13	-.53	1.25	244.76	.13
856.00	.30	242.10	855.99	-.76	-2.06	-.76	2.19	249.73	.11
1015.00	.80	259.30	1014.99	-1.16	-3.51	-1.16	3.70	251.73	.33
1147.00	.80	243.10	1146.97	-1.75	-5.24	-1.75	5.53	251.56	.17
1333.00	.90	239.60	1332.95	-3.07	-7.66	-3.07	8.25	248.13	.06
1491.00	.70	239.10	1490.94	-4.20	-9.56	-4.20	10.44	246.29	.13
1650.00	.80	232.90	1649.92	-5.37	-11.28	-5.37	12.49	244.55	.08
1808.00	.90	252.60	1807.91	-6.40	-13.34	-6.40	14.80	244.36	.19
1967.00	.80	248.20	1966.89	-7.19	-15.56	-7.19	17.14	245.21	.08
2126.00	1.00	233.80	2125.87	-8.42	-17.71	-8.42	19.61	244.57	.19
2190.00	.30	217.60	2189.87	-8.88	-18.27	-8.88	20.31	244.07	1.12
2349.00	.60	158.00	2348.86	-9.98	-18.21	-9.98	20.77	241.26	.33
2508.00	.80	134.50	2507.85	-11.53	-17.10	-11.53	20.63	236.01	.22
2667.00	.50	129.00	2666.84	-12.75	-15.77	-12.75	20.28	231.05	.19
2826.00	.50	134.70	2825.83	-13.67	-14.74	-13.67	20.11	227.15	.03
2985.00	.60	110.80	2984.83	-14.46	-13.47	-14.46	19.76	222.97	.16
3142.00	.60	128.50	3141.82	-15.26	-12.06	-15.26	19.45	218.31	.12
3299.00	.80	125.50	3298.81	-16.41	-10.52	-16.41	19.49	212.67	.13
3458.00	.40	122.90	3457.80	-17.36	-9.15	-17.36	19.62	207.81	.25
3617.00	.60	157.20	3616.79	-18.42	-8.36	-18.42	20.23	204.42	.22
3750.00	.50	139.90	3749.78	-19.51	-7.72	-19.51	20.98	201.59	.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
Projection to Bit									
3800.00	.50	139.90	3799.78	-19.84	-7.44	-19.84	21.19	200.55	.00