

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT
As - Drilled Plat

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34998		² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code	⁵ Property Name Federal 29-9-28		⁶ Well Number 5
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES CORPORATION		⁹ Elevation 5,741'

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	28	29N	09W		950'	North	1,429'	West	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
D	28	29N	09W		705'	South	698'	West	Rio Arriba

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13132
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RCVD JUL 25 '11
OIL CONS. DIV.

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.

<p>28</p> <p>NMOCD</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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</p> <p> Signature</p> <p>7/13/11 Date</p> <p>Andrew Soto Printed Name</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>March 31, 2009 Date of Survey</p> <p>Original Survey Conducted and Recorded By: David R. Russell</p>
	<p>ACCEPTED FOR RECORD</p> <p>JUL 20 2011</p> <p>10201 Certificate Number</p> <p>ARMINGTON FIELD OFFICE BY </p>

END OF WELL REPORT



Client: Energen Resources Corp
Well Name: Federal 29-9-28 #5
Location: Sec 28-T29N-R9W
Job Number: 1105
Start Date: 6-Jul-11 **End Date:** 10-Jul-11

PERSONAL

Operator Personnel
Company Man:
 John Thompson
Geologist:

Directional Personnel
 Peter Leskosek
 David Westbrook

Survey Personnel
 Ron Alexis

WELL SUMMARY

KOP: 191	TD: 2525	FEET DRLG.: 2334	TOTAL DRLG. HRS.: 29.5	AVG. ROP:
# DAYS: 5	# BITS: 2	# BHA'S: 2	NO. OF MOTORS: 2	79.1

Well Parameters

INTERMEDIATE CASING	TOTAL DEPTH	
	LEG 1	LEG 2
HOLE SIZE: 7 7/8 WHIPSTOCK SETTING: Coordinates: MD: 2525 TVD: 2351.44 INC: 9.3 DIRECTION: 288.3 VERTICAL SECTION: 770.93 N / S: 245.28 E / W: -730.89	HOLE SIZE: Coordinates: MD: TVD: INC: DIRECTION: VERTICAL SECTION: N / S: E / W:	HOLE SIZE: N/A Coordinates: MD: TVD: INC: DIRECTION: VERTICAL SECTION: N / S: E / W:

RE-ENTRY DATA: N/A

TOP OF WINDOW:

DIRECTION:

BOTTOM OF WINDOW:

RAT HOLE:

DIRECTIONAL COMMENTS

BHA 1 - Drilled 1231 ft in 13.75 hrs - 89.5 ft/hr

Bit - Reed E1100 with 6*16's jets. Motor is a National 6 1/4", 7/8 lobe, 4.8 stage, 0.32 rev/gal

BHA 1 - Drilled 1051 ft in 15.75 hrs - 66.7 ft/hr

Bit - Reed E1046 with 6*12's jets. Motor is a National 6 1/4", 7/8 lobe, 4.8 stage, 0.32 rev/gal

Actual well bore is 0' above/below and 5.3' Left of proposed wellbore at at TVD of 2350'

RECOMMENDATIONS

Mix nutplug and cedar fiber for sliding when bit balls up.

Need to get bit breaker for rig to make up and break out bit.

Circulate fluid through motor while tripping to keep from packing of and rinse with fresh water before surface.

REPORT PREPARED BY:

Peter Leskosek