District 1

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

As - Dolled 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 Prope	⁶ Well Number			
	Federa	5			
OGRID №.	* Opera	tor Name	⁹ Elevation		
162928	ENERGEN RESOUR	RCES CORPORATION	5,741'		

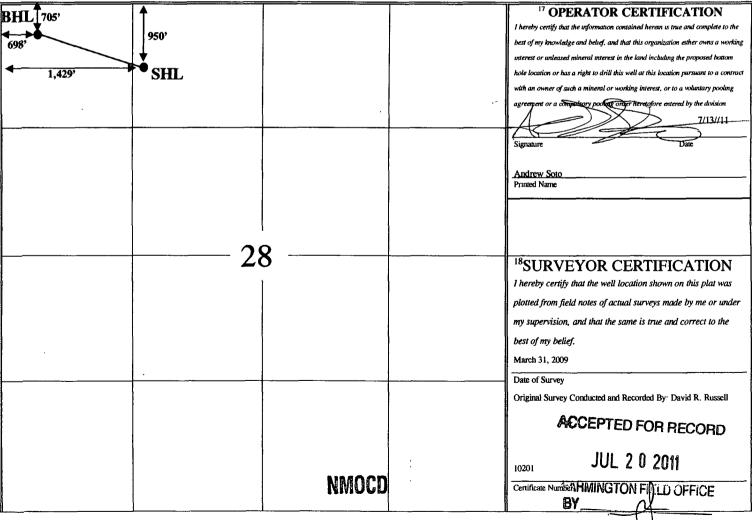
¹⁰ Surface Location

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	İ	950'	North	1,429'	West	San Juan
1	1	Ì	l	l	1]	1	ì	

11 Bottom Hole Location If Different From Surface

Bottom Hole Excation if Different From Surface										
UL or lot no. D	Section 28	Township 29N	Range 09W	Lot Idn	Feet from the 705'	North/South line South	Feet from the 698'	East/West line West	County Rio Arriba	
Dedicated Acres Joint or Infill Gonsolidation Code					15 Order No. R-13132			RCVD JÚL 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.



ENDOFWEIL REPORT



INTERMEDIATE CASING

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

Survey Personnel

HOLE SIZE:

N/A

PERSONAL

Operator Personnel
Company Man:
John Thompson
Geologist:

<u>Directional Personnel</u> Peter Leskosek

Peter Leskosek Ron Alexus
David Westbrook

WELLSUMMARY TO THE TANK OF THE PARTY OF THE

 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

TOTAL DEPTH

LEG 1 LEG 2

HOLE SIZE: 7 7/8
WHIPSTOCK SETTING: HOLE SIZE:

MD: 2525 Coordinates: MD: Coordinates: MD: TVD: 2351.44

TVD: 2351.44 TVD: TVD: INC: 9.3 INC: INC:

DIRECTION: 288.3 DIRECTION: DIRECTION: VERTICAL SECTION: VERTICAL SECTION: VERTICAL SECTION:

RE-ENTRY DATA: N/A

Coordinates:

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