

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 22 2011

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Bureau of Land Management
Farmington Field Office

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2010 Afton Place, Farmington, NM 87401

3b. Phone No (include area code)

(505) 325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: (P) Sec.17, T32N, R04W 620' FSL & 1952' FSL

BHL: (P) Sec.16, T32N, R04W 500' FSL & 110' FEL

5. Lease Serial No

NMNM 30014

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Carracas 16B # 15

9. API Well No

30-039-30464

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☒ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Energen Resources would like to make the following change to the BHL and SHL for the Carracas 16B #15.

ROVD JUN 22 '11
OIL CONS. DIV.
DIST. 3

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

Hold C104

for Directional Survey
and "As Drilled" plat

Requires Simultaneous Dedication Approval Before Producing (30-039-24327)

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Devin Mills

Title Drilling Engineer

Signature

Date 6/15/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy L. Salvors

Title

PE

Date

6/22/2011

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD AV

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30464	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 35656	⁵ Property Name CARRACAS 16B	⁶ Well Number 15
⁷ GRID No. 162928	⁸ Operator Name ENERGEN RESOURCES CORPORATION	⁹ Elevation 7362'

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
0	17	32N	4W		620'	SOUTH	1952'	EAST	RIO ARRIBA

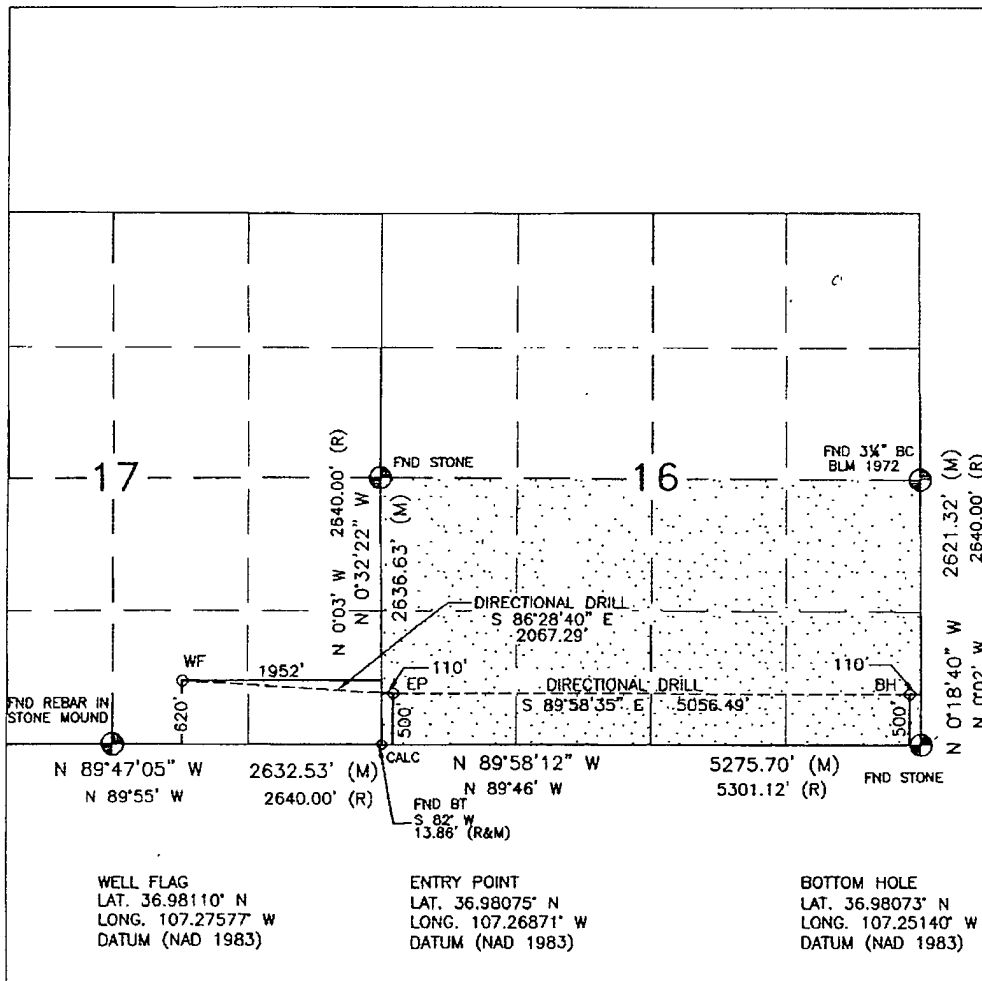
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	32N	4W		500'	SOUTH	110'	EAST	RIO ARRIBA

¹² Dedicated Acres 320.0 - ONGARD 317.48 ACRES - (S/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13119
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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 or a compulsory pooling order heretofore entered by the division.

[Signature] **6-15-11**
Signature Date

Printed Name

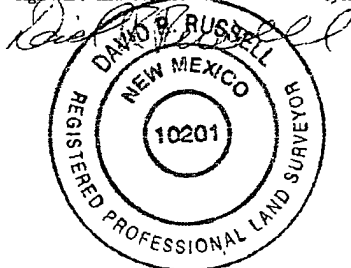
¹⁸ SURVEYOR CERTIFICATION

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.

JULY 21, 2010

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

DRILLING PLAN



WELL NAME

Carracas 16B #15H

DEPTH

10,450' MD 4,222' TVD

FORMATION

Fruitland Coal

STATE

New Mexico

COUNTY

Rio Arriba

DRILLING ENGINEER

Devin Mills

OPERATIONS PLAN

WELL NAME.....Carracas 16B #15H
JOB TYPE.....Horizontal Fruitland Coal
DEPT.....Drilling and Completions
PREPARED BY.....Devin Mills

GENERAL INFORMATION

Surface Location
S-T-R
Bottom Hole Location
S-T-R
County, State

F&L **F&L**
620 ~~F&L~~ 1952 ~~F&L~~
O(~~C~~) Sec.17, T32N, R04W
500 F&L 110 FEL
(P) Sec.16, T32N, R04W
Rio Arriba, New Mexico

7362' GL
10450' +/- (MD); 4222' (TVD)
Fruitland Coal

FORMATION TOPS

San Jose	Surface
Nacimiento	2339' (TVD)
Ojo Alamo Ss	3497' (TVD)
Kirtland Sh	3628' (TVD)
Fruitland Fm	3917' (TVD)
Top Coal Interval	4199' (TVD)
Base Coal Interval	4222' (TVD)
Total Depth	4222' (TVD), 10450' (MD)

DRILLING

Surface: 12-1/4" wellbore will be drilled with a Low Solids Non-Dispersed mud system.

Intermediate: 8-3/4" wellbore will be drilled with a Lignosulfate Dispersed mud system. Weighting materials will be drill cuttings and if needed barite. Mud density is expected to range from 8.4 ppg to 9.1 ppg.

Production: 6-1/4" wellbore will be drilled with a CaCl brine. Anticipated BHP is 1500 psi.

Projected KOP is 2200' TVD with 2.77°/100' doglegs.

Blowout Control Specifications:

A 3000 psi minimum double ram or annulus BOP stack will be used following nipple up of casing head. A 2" nominal, 2000 psi minimum choke manifold will also be used. An upper Kelly Cock valve handle and drill string valve should be available to fit each drill string and be available on the rig floor during drilling operations. **Pressure test BOP to 250 psi for 15 min and 2000 psi for 15 min.**

Logging Program:

Open hole logs: none

Mudlogs: 3497' TVD to TD

Surveys: Surface to KOP every 500' and a minimum of every 200' for directional.

6/22/2011



CASING, TUBING & CASING EQUIPMENT

String	Start Depth	End Depth	Wellbore	Size	Wt	Grade
Surface	0	200	12-1/4"	9-5/8"	32.3 lb/ft	H-40 ST&C
Intermediate	0	5450	8-3/4"	7"	23 lb/ft	J-55 LT&C
TVD	0	4222				
Prod. Liner	5350	10450	6-1/4"	4-1/2"	11.6 lb/ft	L/N-80 LT&C
TVD	4222	4222				
Tubing	0	5200	none	2-3/8"	4.7 lb/ft	J-55

Surface Casing: Texas Pattern Guide Shoe on bottom of first joint and an insert float valve on top of first joint. Casing centralization with 3 standard bow spring centralizers to achieve optimal standoff.

Intermediate Casing: Self fill float shoe with self fill float collar on bottom and top of first joint. Casing centralization with double bow spring and centralizers to optimize standoff.

Liner: Open Hole Completion with 6 shots/foot pre perforated liner

WELLHEAD

11" 3000 x 9 5/8" weld/slip on casing head. 11" 3000 x 7 1/16" Christmas Tree.

CEMENTING

Surface Casing: 125 sks Std (Type V) with 2.0 % CaCl₂ and ¼ #/sk Flocele (15.6 ppg, 1.18 ft³/sk 148 ft³ of slurry, 100% excess to circulate to surface). WOC 12 hours. Pressure test surface casing to 750 psi for 30 min.

Intermediate Casing: Depending on wellbore conditions, cement may consist of 342 sks PRB II with 5 #/sk Gilsonite, and ¼ #/sk Flocele (12.3 ppg, 2.24 ft³/sk) and a tail of 100 sks PRB II with 5 #/sk Gilsonite and ¼ #/sk Flocele (13.5 ppg, 1.81 ft³/sk). (950 ft³ of slurry, 20% open hole excess to circulate to surface). WOC 12 hours. Test casing to 1500 psi for 30 min.

Production Liner: NO CEMENT, Open Hole Completion

Set slips with full string weight

If cement does not circulate, run temperature survey in 8 hrs. to determine TOC.

OTHER INFORMATION

- 1) This well will be an open hole completion with 6 shots/foot pre perforated liner.
- 2) If lost circulation is encountered, sufficient LCM will be added to the mud system to maintain well control. The intermediate string may need to be cemented in multiple stages with a slurry design deviated from that listed above.
- 3) If high reservoir pressures or water flows are encountered slurry design may need to be deviated to from those listed above to satisfy wellbore and formation conditions.
- 4) No abnormal temperatures or pressures are anticipated.
- 5) This gas is dedicated.

Project: Carson National Forest

Site: 16B: Sec 16 T32N 4W

Well: Carracas 16B #15

Wellbore: Wellbore #1

Design #1 (Carracas 16B #15/Wellbore #1)

PROJECT DETAILS: Carson National Forest

Geodetic System: US State Plane 1983

Datum: North American Datum 1983

Ellipsoid: GRS 1980

Zone: New Mexico Central Zone

System Datum: Mean Sea Level

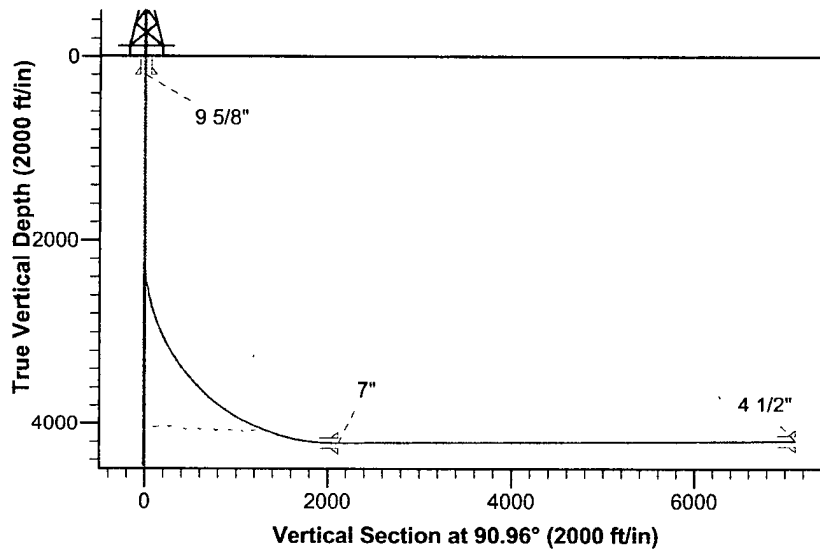
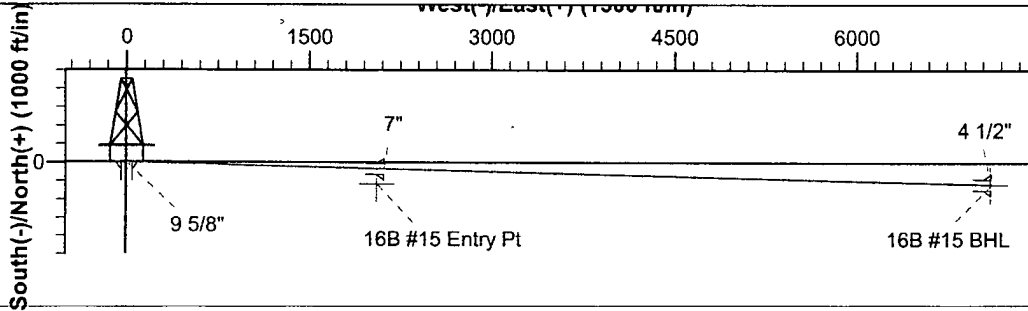


Azimuths to True North
Magnetic North: 9.88°

Magnetic Field
Strength: 51105.1snT
Dip Angle: 63.81°
Date: 12/31/2009
Model: IGRF200510

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2157.0	0.00	0.00	2157.0	0.0	0.0	0.00	0.00	0.0	
3	5410.1	90.26	90.96	4222.0	-34.8	2074.1	2.77	90.96	2074.4	
4	10453.8	90.26	90.96	4199.1	-119.3	7117.0	0.00	0.00	7118.0	16B #15 BHL



Energen APD REPORT

Company: Energen Resources
Project: Carson National Forest
Site: 16B: Sec 16 T32N 4W
Well: Carracas 16B #15
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Carracas 16B #15
TVD Reference: WELL @ 7376.0ft (Original Well Elev)
MD Reference: WELL @ 7376.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	Carson National Forest		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	16B: Sec 16 T32N 4W		
Site Position:		Northing:	2,181,235.96 ft
From:	Lat/Long	Easting:	1,344,308.61 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	36° 59' 24.036 N
		Longitude:	107° 15' 50.076 W
		Grid Convergence:	-0.61 °

Well	Carracas 16B #15		
Well Position	+N/-S	0.0 ft	Northing: 2,178,029.13 ft
	+E/-W	0.0 ft	Easting: 1,340,809.90 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 58' 51.960 N
		Longitude:	107° 16' 32.772 W
		Ground Level:	7,362.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	9.88	63.81	51,105

Design	Design #1				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0 0	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	90.96	

Survey Tool Program	Date 3/17/2011				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.0	10,453.7	Design #1 (Wellbore #1)	MWD	MWD - Standard	

Planned Survey								
MD (ft)	TVD (ft)	Inc (°)	Azi (azimuth) (°)	Buidl (°/100ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	
0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	
200.0	200.0	0.00	0.00	0.00	0.0	0.0	0.0	
9 5/8"								
2,157.0	2,157.0	0.00	0.00	0.00	0.0	0.0	0.0	
2,200.0	2,200.0	1.19	90.96	2.77	0.4	0.0	0.4	
2,300.0	2,299.9	3.97	90.96	2.77	4.9	-0.1	4.9	
2,339.2	2,339.0	5.06	90.96	2.77	8.0	-0.1	8.0	
Nacimiento								
2,400.0	2,399.4	6.74	90.96	2.77	14.3	-0.2	14.3	
2,500.0	2,498.4	9.52	90.96	2.77	28.4	-0.5	28.4	
2,600.0	2,596.6	12.29	90.96	2.77	47.3	-0.8	47.3	
2,700.0	2,693.8	15.07	90.96	2.77	71.0	-1.2	71.0	

Energen APD REPORT

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Design: Design #1

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MD Reference: WELL @ 7376.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Planned Survey

MD (ft)	TVD (ft)	Inc (°)	Azi (azimuth) (°)	Build (°/100ft)	V. Sec (ft)	N/S (ft)	E/W (ft)
2,800.0	2,789.7	17.84	90.96	2.77	99.3	-1.7	99.3
2,900.0	2,884.1	20.62	90.96	2.77	132.2	-2.2	132.2
3,000.0	2,976.8	23.39	90.96	2.77	169.7	-2.8	169.7
3,100.0	3,067.6	26.16	90.96	2.77	211.6	-3.5	211.6
3,200.0	3,156.2	28.94	90.96	2.77	257.8	-4.3	257.8
3,300.0	3,242.5	31.71	90.96	2.77	308.3	-5.2	308.3
3,400.0	3,326.3	34.49	90.96	2.77	362.9	-6.1	362.9
3,500.0	3,407.3	37.26	90.96	2.77	421.5	-7.1	421.5
3,600.0	3,485.4	40.04	90.96	2.77	484.0	-8.1	483.9
3,615.2	3,497.0	40.46	90.96	2.77	493.8	-8.3	493.7
Ojo Alamo							
3,700.0	3,560.4	42.81	90.96	2.77	550.1	-9.2	550.1
3,794.2	3,628.0	45.43	90.96	2.77	615.7	-10.3	615.6
Kirtland							
3,800.0	3,632.1	45.59	90.96	2.77	619.9	-10.4	619.8
3,900.0	3,700.3	48.36	90.96	2.77	692.9	-11.6	692.9
4,000.0	3,764.9	51.14	90.96	2.77	769.3	-12.9	769.2
4,100.0	3,825.7	53.91	90.96	2.77	848.6	-14.2	848.5
4,200.0	3,882.7	56.68	90.96	2.77	930.8	-15.6	930.7
4,264.0	3,917.0	58.46	90.96	2.77	984.9	-16.5	984.7
Fruitland							
4,300.0	3,935.5	59.46	90.96	2.77	1,015.7	-17.0	1,015.5
4,400.0	3,984.2	62.23	90.96	2.77	1,103.0	-18.5	1,102.9
4,500.0	4,028.7	65.01	90.96	2.77	1,192.6	-20.0	1,192.4
4,600.0	4,068.7	67.78	90.96	2.77	1,284.2	-21.5	1,284.0
4,700.0	4,104.3	70.56	90.96	2.77	1,377.7	-23.1	1,377.5
4,800.0	4,135.3	73.33	90.96	2.77	1,472.7	-24.7	1,472.5
4,900.0	4,161.6	76.11	90.96	2.77	1,569.2	-26.3	1,569.0
5,000.0	4,183.3	78.88	90.96	2.77	1,666.8	-27.9	1,666.6
5,092.1	4,199.0	81.44	90.96	2.77	1,757.5	-29.4	1,757.3
Fruitland Coal							
5,100.0	4,200.2	81.66	90.96	2.77	1,765.4	-29.6	1,765.1
5,200.0	4,212.3	84.43	90.96	2.77	1,864.6	-31.2	1,864.3
5,300.0	4,219.6	87.21	90.96	2.77	1,964.3	-32.9	1,964.1
5,400.0	4,222.0	89.98	90.96	2.77	2,064.3	-34.6	2,064.0
5,410.1	4,222.0	90.26	90.96	2.77	2,074.4	-34.8	2,074.1
5,450.0	4,221.8	90.26	90.96	0.00	2,114.3	-35.4	2,114.0
7"							
5,500.0	4,221.6	90.26	90.96	0.00	2,164.3	-36.3	2,164.0
5,600.0	4,221.1	90.26	90.96	0.00	2,264.3	-37.9	2,264.0
5,700.0	4,220.7	90.26	90.96	0.00	2,364.3	-39.6	2,364.0
5,800.0	4,220.2	90.26	90.96	0.00	2,464.3	-41.3	2,463.9
5,900.0	4,219.8	90.26	90.96	0.00	2,564.3	-43.0	2,563.9
6,000.0	4,219.3	90.26	90.96	0.00	2,664.3	-44.6	2,663.9
6,100.0	4,218.9	90.26	90.96	0.00	2,764.3	-46.3	2,763.9

Energen APD REPORT

Company: Energen Resources
Project: Carson National Forest
Site: 16B: Sec 16 T32N 4W
Well: Carracas 16B #15
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Carracas 16B #15
TVD Reference: WELL @ 7376.0ft (Original Well Elev)
MD Reference: WELL @ 7376.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Planned Survey

MD (ft)	TVD (ft)	Inc (°)	Azi (azimuth) (°)	Build (°/100ft)	V. Sec (ft)	N/S (ft)	E/W (ft)
6,200.0	4,218.4	90.26	90.96	0.00	2,864.3	-48.0	2,863.9
6,300.0	4,218.0	90.26	90.96	0.00	2,964.3	-49.7	2,963.9
6,400.0	4,217.5	90.26	90.96	0.00	3,064.3	-51.3	3,063.9
6,500.0	4,217.1	90.26	90.96	0.00	3,164.3	-53.0	3,163.8
6,600.0	4,216.6	90.26	90.96	0.00	3,264.3	-54.7	3,263.8
6,700.0	4,216.1	90.26	90.96	0.00	3,364.3	-56.4	3,363.8
6,800.0	4,215.7	90.26	90.96	0.00	3,464.3	-58.0	3,463.8
6,900.0	4,215.2	90.26	90.96	0.00	3,564.3	-59.7	3,563.8
7,000.0	4,214.8	90.26	90.96	0.00	3,664.3	-61.4	3,663.8
7,100.0	4,214.3	90.26	90.96	0.00	3,764.3	-63.1	3,763.7
7,200.0	4,213.9	90.26	90.96	0.00	3,864.3	-64.7	3,863.7
7,300.0	4,213.4	90.26	90.96	0.00	3,964.3	-66.4	3,963.7
7,400.0	4,213.0	90.26	90.96	0.00	4,064.3	-68.1	4,063.7
7,500.0	4,212.5	90.26	90.96	0.00	4,164.3	-69.8	4,163.7
7,600.0	4,212.1	90.26	90.96	0.00	4,264.3	-71.4	4,263.7
7,700.0	4,211.6	90.26	90.96	0.00	4,364.3	-73.1	4,363.7
7,800.0	4,211.2	90.26	90.96	0.00	4,464.3	-74.8	4,463.6
7,900.0	4,210.7	90.26	90.96	0.00	4,564.3	-76.5	4,563.6
8,000.0	4,210.2	90.26	90.96	0.00	4,664.3	-78.1	4,663.6
8,100.0	4,209.8	90.26	90.96	0.00	4,764.3	-79.8	4,763.6
8,200.0	4,209.3	90.26	90.96	0.00	4,864.3	-81.5	4,863.6
8,300.0	4,208.9	90.26	90.96	0.00	4,964.3	-83.2	4,963.6
8,400.0	4,208.4	90.26	90.96	0.00	5,064.3	-84.8	5,063.6
8,500.0	4,208.0	90.26	90.96	0.00	5,164.3	-86.5	5,163.5
8,600.0	4,207.5	90.26	90.96	0.00	5,264.3	-88.2	5,263.5
8,700.0	4,207.1	90.26	90.96	0.00	5,364.3	-89.9	5,363.5
8,800.0	4,206.6	90.26	90.96	0.00	5,464.3	-91.6	5,463.5
8,900.0	4,206.2	90.26	90.96	0.00	5,564.3	-93.2	5,563.5
9,000.0	4,205.7	90.26	90.96	0.00	5,664.3	-94.9	5,663.5
9,100.0	4,205.3	90.26	90.96	0.00	5,764.3	-96.6	5,763.4
9,200.0	4,204.8	90.26	90.96	0.00	5,864.3	-98.3	5,863.4
9,300.0	4,204.3	90.26	90.96	0.00	5,964.3	-99.9	5,963.4
9,400.0	4,203.9	90.26	90.96	0.00	6,064.3	-101.6	6,063.4
9,500.0	4,203.4	90.26	90.96	0.00	6,164.3	-103.3	6,163.4
9,600.0	4,203.0	90.26	90.96	0.00	6,264.3	-105.0	6,263.4
9,700.0	4,202.5	90.26	90.96	0.00	6,364.2	-106.6	6,363.4
9,800.0	4,202.1	90.26	90.96	0.00	6,464.2	-108.3	6,463.3
9,900.0	4,201.6	90.26	90.96	0.00	6,564.2	-110.0	6,563.3
10,000.0	4,201.2	90.26	90.96	0.00	6,664.2	-111.7	6,663.3
10,100.0	4,200.7	90.26	90.96	0.00	6,764.2	-113.3	6,763.3
10,200.0	4,200.3	90.26	90.96	0.00	6,864.2	-115.0	6,863.3
10,300.0	4,199.8	90.26	90.96	0.00	6,964.2	-116.7	6,963.3
10,400.0	4,199.4	90.26	90.96	0.00	7,064.2	-118.4	7,063.3
10,450.0	4,199.1	90.26	90.96	0.00	7,114.2	-119.2	7,113.2

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