

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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 reverse side

RECEIVED

JAN 9 2008

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
Energen Resources CorporationBureau of Land Management
Farmington Field Office3a. Address
2010 Afton Place, Farmington, NM 874013b. Phone No. (include area code)
(505) 325-6800

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

SHL: 810' FSL, 1700' FEL (O)

BHL: 2530' FSL, 1880' FEL (G)

Sec. 13 T32N, R5W

5. Lease Serial No.

NM 30586

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Carracas 13 A 15

9. API Well No.

30-039-24283

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 recompleate 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 recompleation 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 recompleate the Carracas 13 A #15 by drilling a horizontal lateral off of the existing vertical wellbore as indicated on the revised attached C-102 and directional wellplan. A whipstock will be set at 3792' +/- (TVD) and a window milled in the existing 5-1/2" casing from 3780'-3786' +/- (TVD). The lateral will be drilled to 5626' MD, 3985' TVD. A 3.5" 9.3 ppf, J-55, flush joint pre-drilled liner will be ran and set from 3782'-5626' MD. A 2 3/8" tubing string will be landed at 3982' TVD in the 5-1/2" casing. A closed loop system will be implemented during recompleation.

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

RCVD FEB 8 '08

OIL CONS. DIV.

DIST. 3

HOLD 0104 FOR *directional survey*
as drilled C-102 SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jason Kincaid

Title

Drilling Engineer

Date 1/8/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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.

NMOCN

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-24283	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code	⁵ Property Name Carracas 13A	⁶ Well Number #15
⁷ OGRID No. 162928	⁸ Operator Name Energen Resources Corporation	⁹ Elevation 7360' GL

¹⁰ Surface Location

UL or lot no. O	Section 13	Township 32N	Range 5W	Lot Idn	Feet from the 810	North/South line South	Feet from the 1700	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. G	Section 13	Township 32N	Range 5W	Lot Idn	Feet from the 2530	North/South line South	Feet from the 1880	East/West line East	County Rio Arriba
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¹² Dedicated Acres 320 E/2	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.

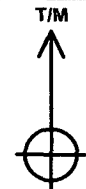
¹⁶				<p>BHL</p> <p>1880'</p> <p>2530'</p> <p>SHL</p> <p>1700'</p> <p>810'</p>	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral 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</i> Signature 8/30/2007 Date Jason Kincaid Printed Name
					¹⁸ SURVEYOR CERTIFICATION <i>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.</i> June 6, 1988 Date of Survey Signature and Seal of Professional Surveyor. Original Survey Conducted and Recorded By: Neale C. Edwards
					6857 Certificate Number

Project: Carson Nat'l Forest - SE S13, T32N, R5W
Site: Carracas Mesa
Well: Carracas 13 A #15
Wellbore: Carracas 13 A #15 ST
Plan: Preliminary Plan (Carracas 13 A #15/Carracas 13 A #15 ST)

PROJECT DETAILS: Carson Nat'l Forest - SE S13, T32N, R5W

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Central Zone

System Datum: Mean Sea Level



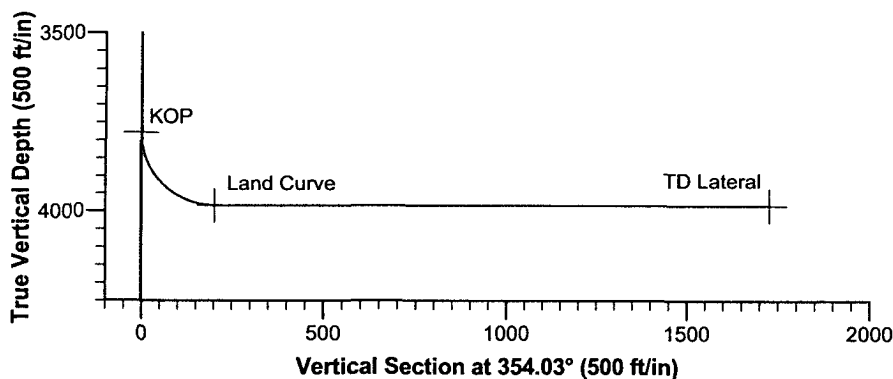
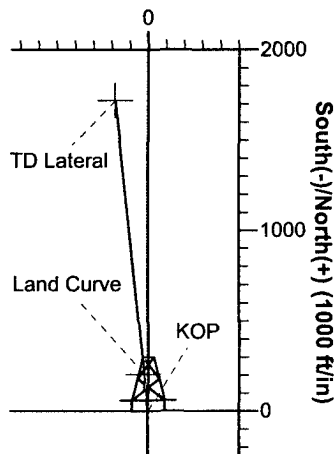
Azimuths to True North
 Magnetic North: 0.00°

Magnetic Field
 Strength: 0.0snT
 Dip Angle: 0.00°
 Date: 12/26/2007
 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	3780.0	0.00	0.00	3780.0	0.0	0.0	0.00	0.00	0.0	KOP
3	4102.0	90.00	354.04	3985.0	203.9	-21.3	27.95	354.04	205.0	Land Curve
4	5626.4	90.00	354.01	3985.0	1720.0	-180.0	0.00	-102.39	1729.4	TD Lateral

West(-)/East(+) (1000 ft/in)



Energen Resources Pertinent Data Sheet

Date: 3/1/2006

Well Name: Carracas 13 A 15 **API No.:** 3003924283
DP#: 24283A
Location: SE/4 (O) Sec 13-T32N-R5W
Footage: 810' FSL, 1700' FEL
Co./State: Rio Arriba
Operator: Energen Resources

Field: Fruitland Coal **Elevation:** 7360' GL **TD:** 4080'
KB: 12' **PBTD:** 4043'

Spud Date: 10/5/1988
Completed: 3/2/1989 (Original); 4/00 (Refrac)

Perfs: 3976-3997' w/ 84-0.42" holes at 4 SPF

Refrac: 1000 gals 10% acid, 65,865 gal 25# Delta 140 gel w/ sandwedge containing 128700# 20/40 sd

Casing Record:

Hole Size	Casing Size	Weight	Grade	Depth Set	Cement	TOC
12 1/4"	9 5/8"	36#	J-55	361'	224 cu.ft.	circ
8 3/4"	5 1/2"	17#	N-80	4090'	1397 cu.ft.	circ

Tubing Record:

Tubing Size	#Joints	Weight	Grade	Depth Set	Seating Nipple
2-3/8"	125	4.7#	J-55	3948' KB	3948' KB
2-3/8"	1	4.7#	J-55	3981' KB	

Log Record: CN-FD, Digital Sonic, Coal Log, GR-CCL

Pump: Originally on pump; pulled in 1993

Formation Tops:

Ojo Alamo	3165'
Kirtland	3332'
Fruitland	3821'
Fruitland Coal	3976'

Work History: May 2004-Tag fill @ 3999'. TOH w/2-3/8" tbg. CO w/bailer to 4043'. TIH w/MA, SN & 125 jts 2-3/8" tbg, landed @ 3981'. SN @ 3948'.

Oct 2001-CO fill from 3998' to 4043' (PBTD), Upsize tubing to 2 3/8".

April 2000-reperf & refrac well, run 1.9" tbg.

June 1993-pulled pump & rods, put well on plunger

7/22/2005 RIH WITH PRODUCTION TBG 126 JTS, SEATING NIPPLE AT 3948' NO CHANGES PREVIOUS DOWN HOLE TBG EQUIPMENT OR PUMP AND RODS, RIH WITH PUMP AND RODS CHANGED 94 ROD BOXES AND 100 ROD GUIDES.. TEST TBG TO 500 PSI, PUMP 40 BBL WATER IN GSG, LONG STROKE PUMP. HUNG WELL ON (DID NOT START PUMPING UNIT, NO GAS. SHUT DOWN FOR WEEKEND.