

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS

MAY 30 2014

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: 1630' FNL, 790' FWL (E)
Sec. 32 T32N, R4W

5. Lease Serial No.

NM 28277

6. If Indian, Allottee or Tribe Name

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

Carracas Unit

8. Well Name and No.

Carracas Unit 32 B#5

9. API Well No.

30-039-24408

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 requests that the subject well be changed from the previously completed POW status (see Sundry dated 10/1/2009) and be allowed to produce. The well was originally converted to POW due to sharing the same spacing unit with the Carracas 32 B #7 horizontal new drill. Per the Horizontal Spacing Rule, this well can be returned to production.

This operation will use a closed loop system.

- Please provide 1st delivery notice upon 1st sales.

OIL CONS. DIV DIST. 3

JUN 12 2014

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

Justin Anchors

Title District Engineer

Signature

Justin Anchors

Date 5/30/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

J. Anchors

Title

Dist. Eng.

Date

6/9/14

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

“WORK SMART/WORK SAFE”

Recommended Work over Procedure

Carracas 32 B #5

API No. 30-039-24408

DP# 3124408A

AFE# SJ14-144

NOTE: See pertinent data for physical well data.

1. MIRU WSU. ND WH. NU BOP.
2. MIRU TBG scanner. Unset PKR and POOH w/ TBG. Scan while POOH. Lay down bad TBG. RDMO TBG scanner.
3. TIH w/ BHA and production TBG (Verify BHA and setting depth with foreman).
4. If needed, swab in well to bring it around.
5. ND BOP. NU WH. TIH w/ new pump and rods.
6. Seat pump. Load TBG. Pressure test to 500 psig.
7. Long stroke pump w/ rig to verify pump action.
8. Space out pump. RDMO WSU.
9. Turn well over to production.

ENERGEN RESOURCES

Pertinent Data Sheet

Date: 5/30/2014 **Well Name:** Carracas 32B # 5 **API#:** 30-039-24408 **DP#:** 3124408A
Unit: E **Sec:** 32 **Twsp:** 32N **Rge:** 04W **Footage:** 1630' FNL 790' FWL
County: Rio Arriba **State:** NM **Spud:** 6/29/89 **Completed:** 9/12/89
Field: Basin Fruitland Coal **Elev:** 7202' **TD:** 4125' **PBTD:** 4031' **KB:** 12' KB

Perfs: 3950-3962' , 3974-3976' , 3988-3989' , 4014-4016' , 4spf . (.5") holes, Total of 68 holes

TIH W/ 5 1/2 RBP TO SET @ 3879. TOO H W/ 1 JT. CIRCULATE WELL USING 2% KCL W/ 90 BBLS. PRESSURE TEST RBP TO 500 PSI FOR 30 MINUTES. TESTED GOOD. TOO H W/ 1JT AND DUMP 2 SKS OF SAND ON RBP. A TOTAL OF 120 JTS IN HOLE INCLUDING RUNNING TOOL

Frac: 1682 bbls. 35# GWX-9 fluid, 48,000# of 40/70 sand, 170,000# of 20/40 sand, 500 gal. 15% HCL acid

Refrac: 500 gal 10# formic acid, 66,478 gal 25#/20# Delta frac 140 gel w/ sandwedge containing 1478 sx 20/40 Brady sand

*TBG Details: TIH 8' PERF PUP JT, PKR, 1 JT 2-3/8" TUBING, PROFILE NIPPLE, { 1.780 ID }, 122 JTS 2-3/8" TUBING. SET PKR @ 3917' KB, LAND TUBING IN WELL HEAD, { 13 K ON PKR, 5K ON HANGER }, PROFILE NIPPLE @ 3883' KB

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12-1/4"	9-5/8"	36# J-55	311'	184 cu ft	surface
8-3/4"	5-1/2"	15.5# K-55	4129'	1358.5 cu ft	surface

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
2-3/8"	*See Above	4.7# J-55 EUE	3917'	3883'	

Rod & Pump Record:

Rod Size	# Rods	Length	Grade
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Log Record: Dual Induction, Spectral Density DSNII, Mirolog, GR-CCL

Formation Tops:

Ojo Alamo	3370'	Menefee
Kirtland	3498'	Point Lookout
Fruitland	3,740'	Mancos
Pictured Cliffs	FRC@ 3,948'	Gallup
Lewis		Graneros
Cliffhouse		Dakota

Work History: (9/23 to 9/30/2009) CHANGE OUT BOP STUDS, N/U BOP TO 2K x 7-1/16" TUBING HEAD, P/U 2 EXTRA JTS 2-3/8" TUBING. TAG 6' OF SAND, REVERSE CIRCULATE OUT SAND ENGAGE & RELEASE RBP, STRAP TUBING OUT OF HOLE, { 120 JTS }, TIH W/ 4-3/4" BIT & STRING MILL TO 4059.12' , 4071' KB { TUBING MEASUREMENT }, { PBTD SHOWN AS 4072' } LAY DOWN 5 JTS , TOO H, FOUND STRING MILL & BIT MISSING, TIH W/ CROSS OVER SUB & 126 JTS 2-3/8" TUBING. ENGAGE MILL & ROTATE INTO XO SUB, TOO H 42 STDS, SHUT DOWN