

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

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 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)

800' FNL, 540' FEL Sec.10, T32N, R05W
(H) SE/NE

5. Lease Serial No.

NMNM 76832

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 10 A 8

9. API Well No.

30-039-26420

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

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Pull tbq/pkr |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Reinstall tbq/pkr |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | POW 8/23/08 |

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 converted the Carracas 10AA #8 into a pressure conversion well per the approved NOI dated 06/26/08. 08/19 - 08/23/08 - MIRU. Pressure test casing to 1000 psi - ok. Well was pulled and 5.50" LOK-SET packer was set @ 4113' on 2.375" J-55 EUE tubing. Pressure test casing to 800 psi - 30 minutes - ok. Casing is loaded with 60 bbls ANHIB II H2O. Fruitland perforations are 4151' - 4181'. RDMO.

-In attempting to pull pressure guages via slickline they became stuck - thus tubing and packer have to be pulled from the well - tubing and packer to be re-installed the same as before - casing tubing annulus will be pressure tested - NMOCD/BLM-FFO will be notified via telephone 24 hrs in advance of test- pressure test will be chart recorded for 30 minutes.

RCVD AUG 7 '09
OIL CONS. DIV.
DIST. 3

Verbal(s) given by BLM-FFO- Mr. Steve Mason and Mr. Kelly Roberts of NMOCD.

- upon downloading the guages - annual pressure report will be submitted as a subsequent report to BLM-FFO and NMOCD Aztec.

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

Patricio W. Sanchez

Title District Engineer

Signature

Date 8/6/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 06 2009

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

NMOCD

ENERGEN RESOURCES

Pertinent Data Sheet

Date: 8/6/2009 **Well Name:** Carracas 10A #8 **API#:** 30-039-26420 **DP#:** 3126420A
Unit: H **Sec:** 10 **Twp:** 32N **Rge:** 05W **Footage:** 800 FNL, 540 FEL
County: Rio Arriba **State:**NM **Spud:** 07/18/2000 **Completed:** 8/27/2000
Field: Fruitland Coal **Elev:** 7,590' **TD:** 4,283' **PBTD:** PBTD@ **KB:** 16'
 GL 4,224'

Perfs: 4,151'-81' w/ 120-0.42" holes @ 4 SPF PERFS 4157'-4181'

Converted to POW August 2008 - current status -

Frac: 500 gal 10% formic acid, 103,839 gal 25# Delta 140 fluid w/ 245,000# 20/40 sd

**2 3/8" 4.7# J-55 EUE 8RD PROD STRING CONSISTS OF: KB 16.00' 131 JTS 4063.29' 1.78"ID FN .95'
1 JT 29.55' PKR 3.50' PERF SUB 6.10' BULL PLUG .60' EOT @ 4119.99' PKR @ 4113' KB

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12-1/4"	8-5/8"	24# J-55	423'	300 sks	circ
7-7/8"	5-1/2"	17# K-55	4280'	1300 sks	circ

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
**2-3/8"	131	4.7# J-55 EUE	4,119.99'	4,079.29'	4113' KB

Rod & Pump Record:

Rod Size	# Rods	Length	Grade
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Log Record: GR-CCL-CNL

Formation Tops:

Ojo Alamo	3,448'	Menefee
Kirtland	3,580'	Point Lookout
Fruitland	3,887'	Mancos
Pictured Cliffs		Gallup
Lewis		Graneros
Cliffhouse		Dakota

Work History: (8/19 to 8/23/2008) Convert to POW. SICP=800#, SITP=200# HOLD TAILGATE SFTY MTG .MIRUPU, SPOT AUX EQUIPMENT, BLOW DWN PRESSURES TO FB TANK, SEAT ROD PUMP, LOAD AND TEST TBG W/ 3 BBLs PROD H2O TO 1000#, TEST HELD GOOD, BLEED PSI OFF, UNSEAT PUMP, LAY DOWN ROD STRING AS FOLLOWS:1 1/4 X 26' POLISH ROD W/ LINER, 4', 6' X 3/4" PONY RODS, 164 X 3/4" D RODS, 2 - 1 1/4" SINKER BARS, 2 X 1 1/2 X 16' RWAC INSERT PUMP.NDWH, NU BOP, RU WELLCHECK TESTER, PRESSURE TEST BOPE, 300 LOW, 3000 HIGH FOR 30 MINUTES, ALL TESTED GOOD, RD TESTER, UNSEAT 7 1/16 TBG HGR, PU 1 JT TBG, TAG BOTTOM W/ 31.35', LD SAME JT, TOO H TALLYING 2 3/8" 4.7# J-55 EUE 8RD PROD TBG AS FOLLOWS:1 JT TBG X 31.55', 1 SUB X 10.00', 133 JTS TBG X 4121.21', 1.78" ID SN X 1.10', 2 3/8" PERF SUB X 8.10', 2 TBG SUBS X 10.00' EA., NOTCHED PIN COLLAR X .40'. SECURE WELL. SION.

SICP=650#, BLEED CSG PSI DWN TO FB TANK.

TIH W/ 5 1/2" CSG SCRAPER/BIT TO 4230', TOO H, LD BHA, PU BAKER RETRIEV-MATIC PKR TO 4108', SET, LOAD ANN W/ 40 BBLS PROD H2O, PRESS TEST CSG TO 1000#, TEST HELD GOOD, BLEED PSI TO 500#, WAIT ON ACID CREW TO ACIDIZE PERFS, SECURE WELL, SION.

HOLD TAILGATE SFTY MTG .SITP=600#, SICP=0#

RETRIEVABLE PKR SETTING AT 4108', PRESSURE ANNULUS TO 500#, RU H & M ACID TRK, PUMP 750 GALS 7 1/2% HCL, DBL INH. @ 2 BPM, 0 PSI, FLUSH W/ 40 BBLS SURFACTANT H2O, SECURE WELL, SION. RD ACID CREW.

HOLD TAILGATE SFTY MTG. SITP=40, SICP=0#

RU SWAB, MAKE 5 RUNS , PERFS FLOWING TO FB TANK, BFL = 2500', FLOWED 60 BBLS H2O AND ACID BACK, RD SWAB, UNSEAT RET. PKR, TOO H, TIH W/ 5 1/2" BAKER LOCKSET PROD PKR TO 4113', ND BOP, ATTEMPT TO SET FOR 1 HR W/ NO SUCCESS, NU BOP, WILL PULL PKR 8/23/08. SECURE WELL, SION.

HOLD TAILGATE SFTY MTG

SICP=50#, SITP=40#

BLEED PSI DWN, TOO H W/ 1ST LOCKSET PKR, PU AND TIH W/ 2ND 5 1/2" BAKER LOCKSET PKR TO 4113' KB, LAND TBG IN DONUT, NDBOP, REMOVE HGR, SET PKR IN 6K SURFACE TENSION, REINSTALL 2" X 7 1/16" TBG HGR, NU WH, 2 3/8" 4.7# J-55 EUE 8RD PROD STRING CONSISTS OF:

KB 16.00'

131 JTS 4063.29'

1.78"ID FN .95'

1 JT 29.55'

PKR 3.50'

PERF SUB 6.10'

BULL PLUG .60'

EOT @ 4119.99' PKR @ 4113' KB PERFS 4157'-4181'

RU WELLCHECK TESTER, LOAD ANNULUS W/ 60 BBLS ANHIB II H2O, PERFORM H-5 TEST FOR NMOCD, PRESSURE TEST ANNULUS TO 800# , 30 MINUTES, SITP=20#, SIBHP = 0#, TEST HELD GOOD, PERMISSION BY MR. CHARLIE PERRIN OF NMOCD TO PERFORM TEST W/O STATE REP ON LOCATION, BLEED PSI OFF, SECURE WELL, SHUT IN. NOTIFY PROD DEPT., RDMO .FINAL REPORT , JOB COMPLETED.