

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

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

JUL 29 2009
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

Farmington Field Office

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)

At Surface: 790' FSL, 900' FWL
Sec. 18, T32N, R4W

5. Lease Serial No.

NM-30015

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Carracas 18 B #13

9. API Well No.

30-039-24282

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

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ 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 recomple 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 recomple 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 Plans to Plug and Abandon the Carracas 18B #13 as follows:

1. MIRU. ND Wellhead. NU BOP.
2. TOH w/ 2-3/8" tbg, 1/4" capillary tbg, and ESP.
3. TIH w/ 5-1/2" CIBP and set @ 4100'. Pump a cement plug across the Fruitland top inside casing f/ 4000' to 4100' w/ 18 sks of neat cement (50% Excess). Pull tbg above cement. Wait 4 hrs and tag cement. TOH w/ tbg. 3420'
4. TIH w/ 5-1/2" CIBP and set @ 3850'. Pump a cement plug inside casing f/ 3560' to 3850' w/ 84 sks of neat cement (50% Excess) to cover the Kirtland and Ojo Alamo tops. Pull tbg above cement. Wait 4 hrs and tag cement. 2316' - 2216'
5. Pull tbg up to 380'. Set a balanced cement plug inside casing f/ 380' to surface w/ 66 sks of neat cement (50% Excess). Pull tbg out of casing and top off w/ cement.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker w/ cement to comply w/ regulations. RDMO, cut off anchors and restore location.

*See attached wellbore diagrams.

RCVD AUG 3 '09
OIL CONS. DIV.
DIST. 314. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kirt Snyder

Title District Engineer

Signature

Date 7/30/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

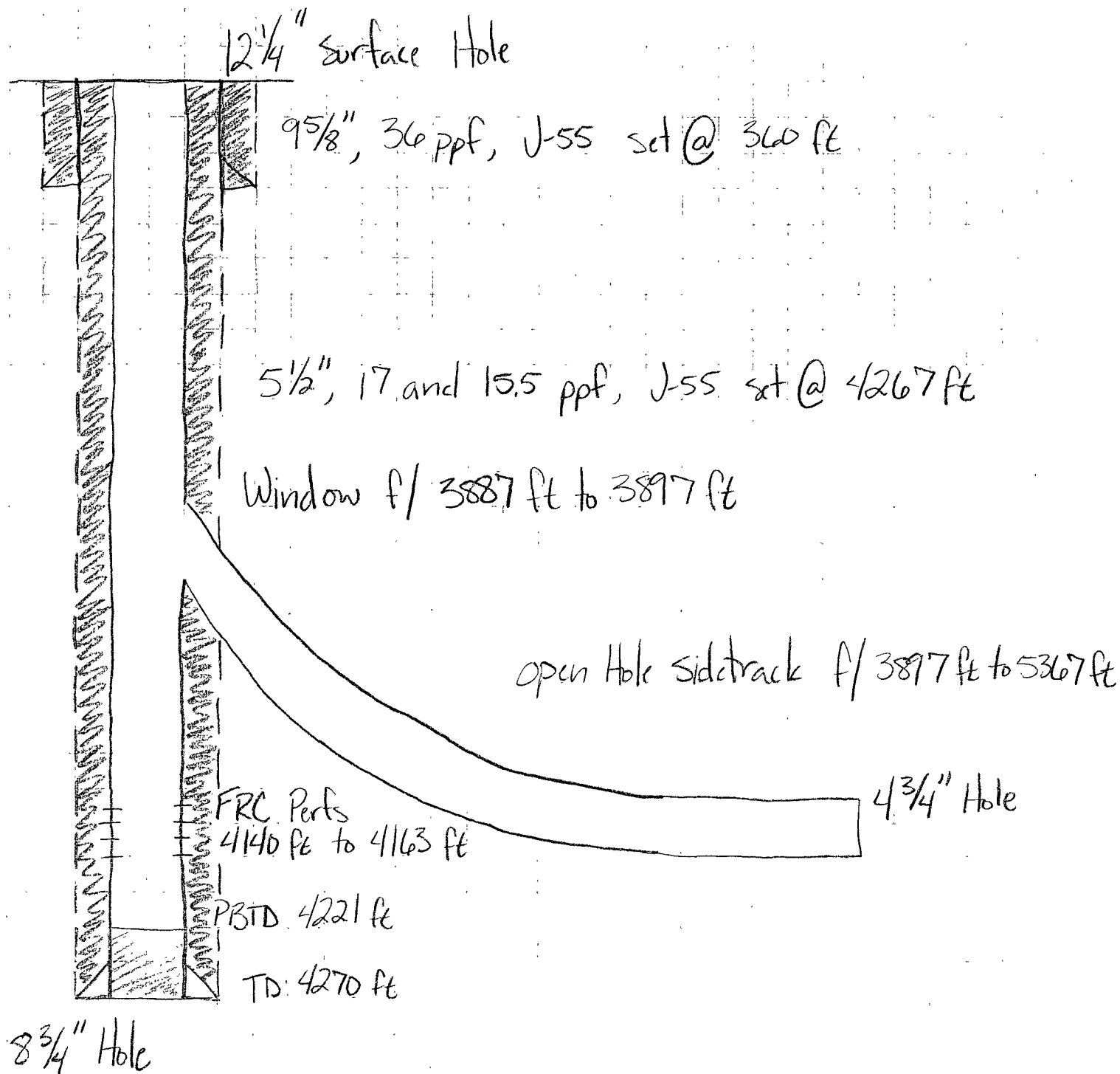
Title

Date

JUL 31 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.

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.

Subject Carracas 18B #13 Wellbore Diagram

Subject Carracas 18B #13 Proposed P&A
 $12\frac{1}{4}$ " surface Hole

 $9\frac{5}{8}$ ", 36 ppf, J-55 set @ 360 ft

Plug #3: 66 sks, 380 ft to surface

 $5\frac{1}{2}$ ", 17 and 15.5 ppf, J-55 set @ 4267 ft

Window f/ 3887 ft to 3897 ft

open Hole sidetrack f/ 3897 ft to 5367 ft

 $4\frac{3}{4}$ " Hole

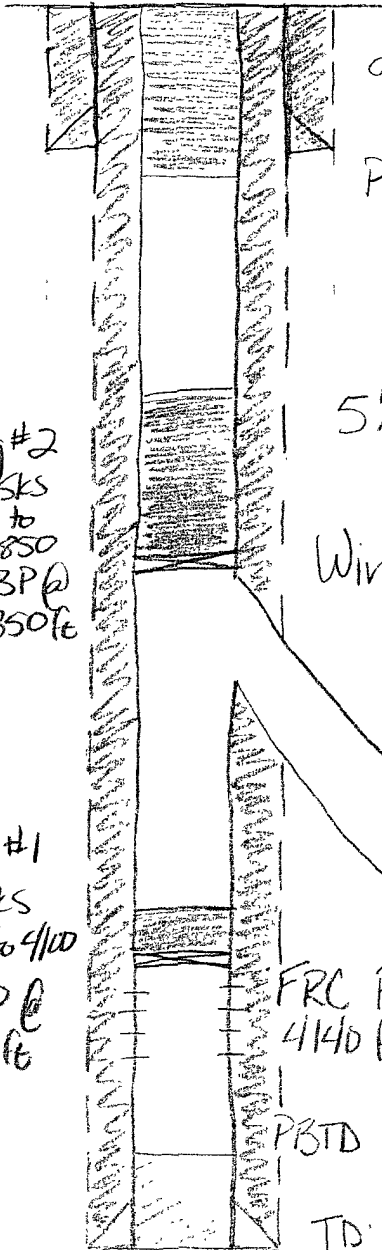
 FRC Perfs
 4140 ft to 4163 ft

PBTD 4221 ft

TD 4270 ft

 $8\frac{3}{4}$ " Hole

 Plug #2
 84 sks
 3560 to
 3850
 CIBP @
 3850 ft

 Plug #1
 18 sks
 4000 to 4100
 CIBP @
 4100 ft


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 13 Carracas 18B

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Fruitland/Kirtland/Ojo Alamo plug to 3420'.
 - b) Place the Nacimiento plug from 2316' – 2216'.
 - c) Place the Surface plug from 410' to surface.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.