

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

AUG 23 2011

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.

5. Lease Serial No.
NMSF079488A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Carson #13A

9. API Well No.
30-039-27557

10. Field and Pool, or Exploratory Area
Blanco Mesaverde

11. County or Parish, State
Rio Arriba NM

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)
At Surface: 1835' FNL, 890' FWL
Sec. 32, T30N, R04W

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 Plans to Plug and Abandon the Carson #13A.

*See attached for procedure and wellbore diagram.



* Bring bottom of OA/Kt/FC/PC plug (plug #3) to 4340' (4340'-3590')

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

Name (Printed/Typed)
Justin Anchors

Signature
Justin Anchors

Title
District Engineer

Date
8/22/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Original Signed: Stephen Mason

Title
District Engineer

Date
AUG 25 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

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.

NMOCDA

“WORK SMART/WORK SAFE”

Recommended Plugging Procedure

Carson #13A

API No. 30-039-27557

DP# 3120446A

AFE# SJ11-306

NOTE: See pertinent data for physical well data.

****Notify BLM – NMOCD 24 hours before plugging operations commence****

1. MIRU WSU. POOH and lay down rods and pump.
2. Scan TBG while POOH to check for holes. Lay down bad jts. Good joints may be used to replace TBG on other wells after job is complete.
3. PU and TIH w/ 4-1/2" CIBP and TBG to 6296'. Set CIBP. Test CIBP to 500 psig.
4. Pull TBG to 6290'. Set a balanced cement plug inside casing from 6015' to 6296' w/ 33 sks (38 cu.ft.) of neat cement (50% excess) to cover Cliff House top. Pull TBG above cement. Wait 4 hours and tag cement.
→ *Mesa Verde plug 5286' - 5186'*
5. Pull TBG to 4873'. Set a balanced cement plug inside casing from 4582' to 4873' w/ 44 sks (50 cu.ft.) of neat cement (50% excess) to cover 7" casing shoe and 4-1/2" liner top. Pull TBG above cement. Wait 4 hours and tag cement.
6. Pull TBG to 4290'. Set a balanced cement plug inside casing from 3590' to 4290' w/ 205 sks (236 cu.ft.) of neat cement (50% excess) to cover Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops. Pull TBG above cement. Wait 4 hours and tag cement.
7. Pull TBG to 2150'. Set a balanced cement plug inside casing from ²⁵⁶⁶2050' to ²⁴⁶⁶2150' w/ 30 sks (34 cu.ft.) of neat cement (50% excess) to cover Nacimiento top. Pull TBG above cement. Wait 4 hours and tag cement.
8. POOH w/ TBG. Shoot squeeze holes @ 297' w/ wireline.
9. TIH w/ TBG to 296'. Set a balanced cement plug inside casing from 296' to surface w/ 156 sks (179 cu.ft.) of neat cement (100% excess outside, 50% excess inside). Pull TBG out of casing and top off w/ cement.
10. ND BOP and cut off casing below surface casing flange. Install P&A marker w/ cement to comply w/ regulations. RDMO and cut off anchors.

Carson #13A

Proposed P&A

Blanco Mesaverde/ API #30-039-27557

1835' FSL & 890' FWL, Section 32, T-30-N, R-4-W, Rio Arriba County, NM

Today's Date: 8/1/11

Spud: 5/23/04

Completed: 7/6/04

Elevation: 7553' GL
7568' KB

Nacimiento @ 2100'est

Ojo Alamo @ 3640'

Kirtland @ 3870'

Fruitland @ 4075'

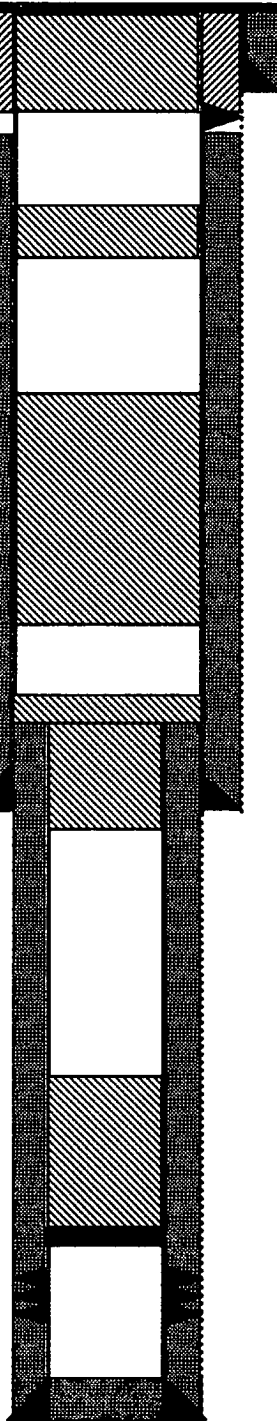
Pictured Cliffs @ 4290'

Mesaverde @ 6065'

12.25" hole

8.75" Hole

6.125" Hole



9.625", 32.3#, H-40 Casing set @ 246
Cement with 150 sx (Circulated to Surface)

Perforate @ 296'

Plug #5: 296' - 0'
Neat cement, 156 sxs:
68 outside and 88 inside

Plug #4: 2150' - 2050'
Neat cement, 30 sxs:

Cmt Retainer @ 2106'

Plug #3: 4290' - 3590'
Neat cement, 205 sxs:

Plug #2: 4873' - 4582'
Neat cement, 44 sxs:

7", 23# & 20#, J-55 ST&C Casing set @ 4823'
Cement with 835 sxs (TOC @ 400')

Plug #1: 6296' - 6015'
Neat cement, 33 sxs

Set CIBP @ 6296'

Mesaverde Perforations: 6346'-6585"
68 total holes

4.5" 10.5# J-55 ST&C Casing from 4632' to 7210'
Cement with 350 sx (Circulated to liner top)

TD 7210'
PBD 7166'



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: 13A Carson

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) Place the Mesaverde plug from 5286' – 5186'.

b) Place the Nacimiento plug from 2566' – 2466'.

* Bring bottom of Plug 3 (OA/Kt/FC/PC plug) to 4340' (4340' – 3590')

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.