

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

AUG 23 2012

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

Farmington Field Office
Bureau of Land Management

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)

(N) SE/SW 750' FSL, 1403' FWL Sec. 21, T30N, R04W
(O) SW/SE 801' FSL, 1658' FEL Sec. 21 T30N, R04W

5. Lease Serial No.

NMSF 079487

6. If Indian, Allottee or Tribe Name

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

San Juan Unit

8. Well Name and No.

San Juan 30-4 Unit # 64H

9. API Well No.

30-039-30897

10. Field and Pool, or Exploratory Area

Blanco Pictured Cliffs

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 ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

BP

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 intends to permanently plug and abandon the San Juan 30-4 Unit 64H according to the attached procedure.

RCVD AUG 29 '12

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs
prior to beginning
operations

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

Name (Printed/Typed)

Collin Placke

Title District Engineer

Signature

Collin Placke

Date 8/20/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 27 2012

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 knowing 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

NMOCD

Ar

PLUG AND ABANDONMENT PROCEDURE

August 17, 2012

San Juan 30-4 Unit #64H

Blanco Pictured Cliffs
750' FSL and 1403' FWL, Section 21, T30N, R4W
Rio Arriba County, New Mexico / API 30-039-30897

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 14.8 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. 3.Rods: Yes____, No____, Unknown____
Tubing: Yes X, No____, Unknown____, Size 2.875", Length 5135'.
Packer: Yes____, No X, Unknown____, Type____.
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
4. **Plug #1 (Pictured Cliffs Open Hole interval and 7" casing shoe, 5145' – 5045')**: RIH and set HYDRO SET CIBP at 5145'. Pressure test tubing to 1000 PSI. *Attempt to pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix and pump 28 sxs Class B cement above CIBP to isolate the Pictured Cliffs Open Hole interval and 7" casing shoe. PUH.
4. **Plug #2 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 4723' 3703')**: Mix 200 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH to 894'.
5. **Plug #3 (Nacimiento top, ²⁵⁸⁶2660' – ²⁴⁸⁶2560')**: Mix 28 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento tops. PUH.
6. **Plug #4 (9-5/8" casing shoe, 2052' – 1952')**: Mix 28 sxs Class B cement and spot a balanced plug inside casing to cover the surface shoe top. PUH.
7. **Plug #5 (950' – 1050')**: Mix 28 sxs Class B cement and spot a balanced plug inside casing. PUH.

8. **Plug #6 (8.625" casing shoe and surface, 239' - Surface):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 54 sxs cement and spot a balanced plug from 239' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 376' and the annulus from the squeeze holes to surface. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

San Juan 30-4 Unit 64H

Current

Blanco Pictured Cliffs / API #30-039-30897

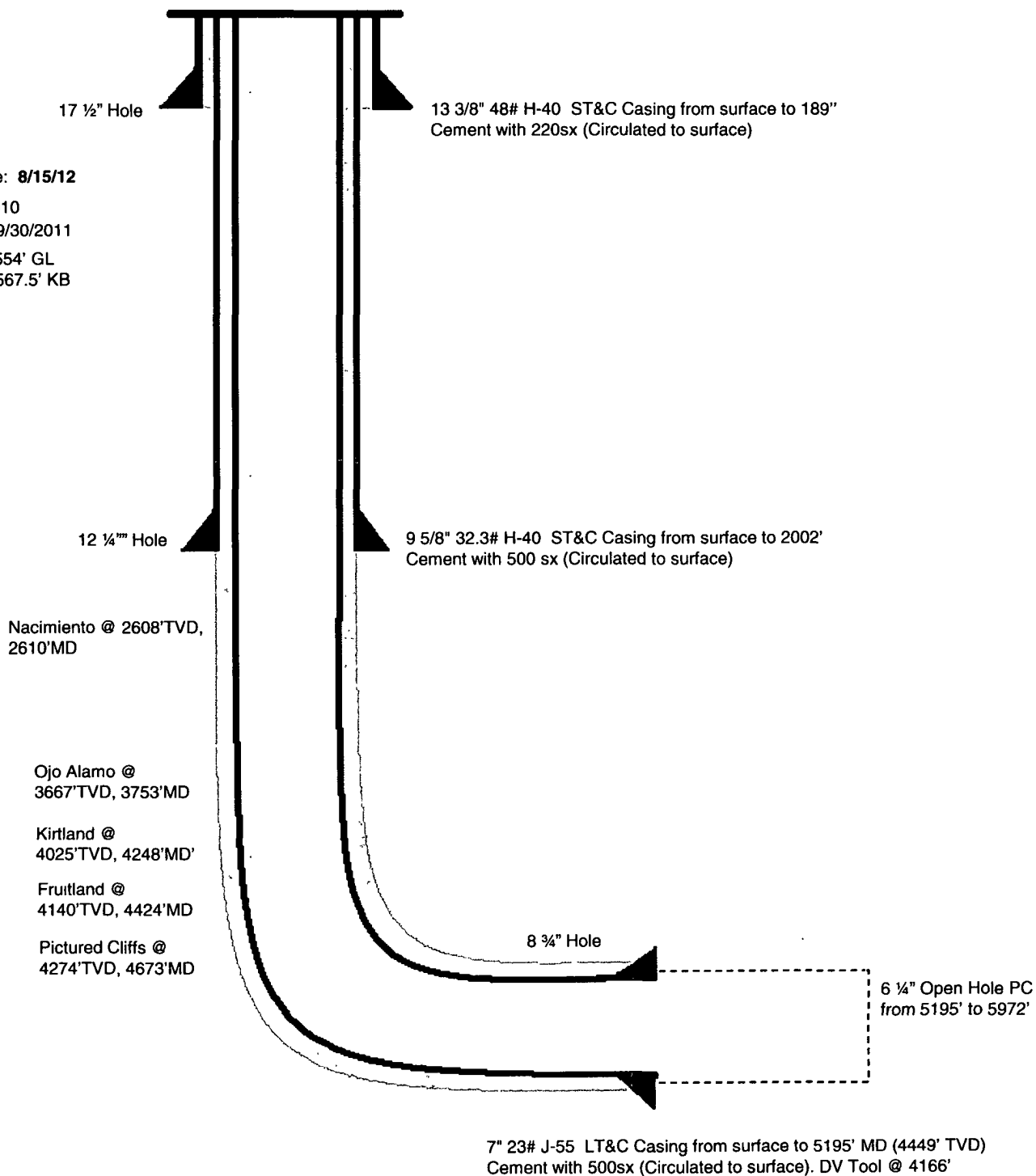
750' FSL & 1403' FWL, Sec. 21, T30N, R4W, Rio Arriba County, NM

Today's Date: 8/15/12

Spud: 6/3/2010

Completed: 9/30/2011

Elevation: 7554' GL
7567.5' KB



San Juan 30-4 Unit 64H

Plugged

Blanco Pictured Cliffs / API #30-039-30897

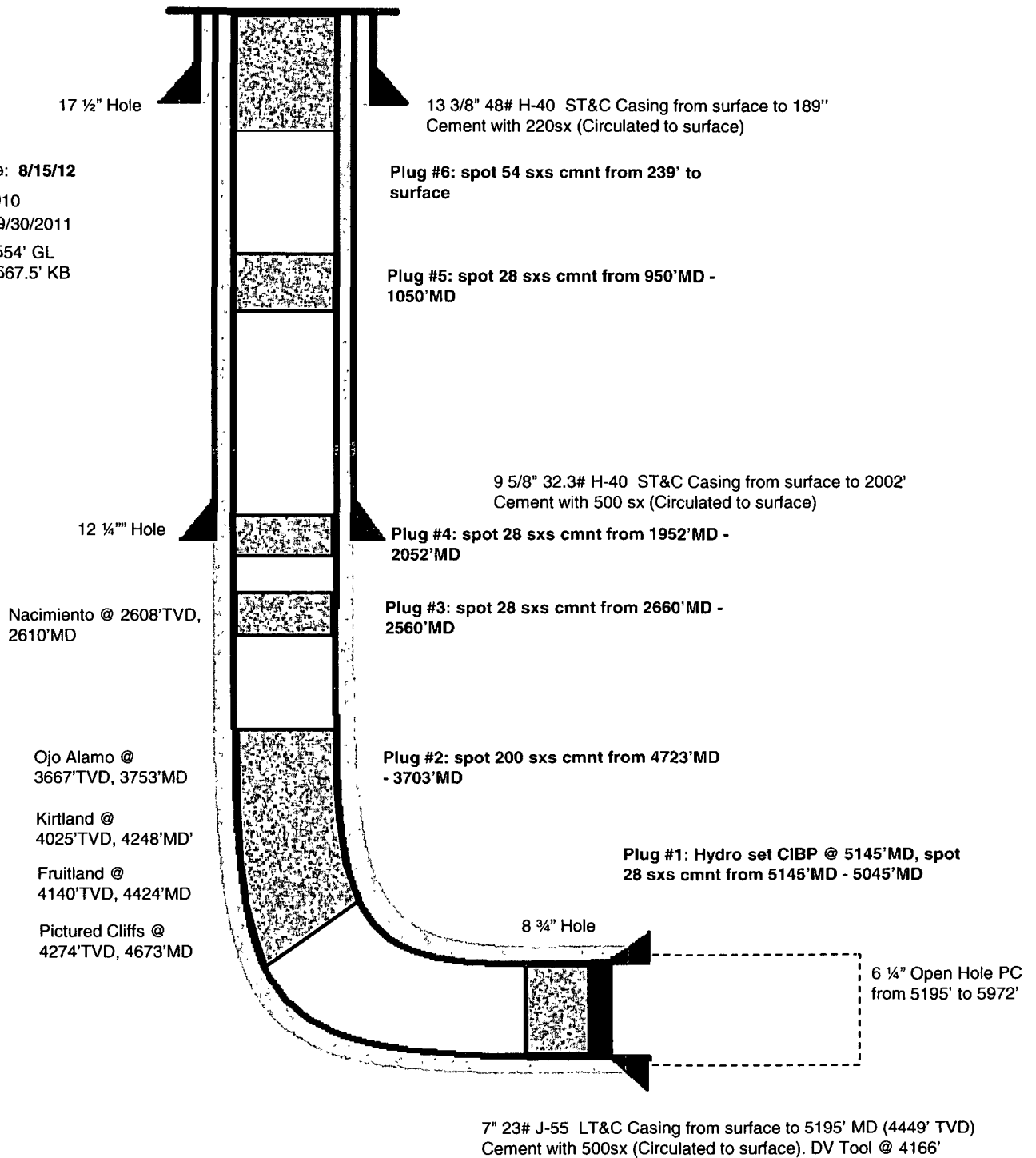
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**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 64H San Juan 30-4 Unit

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) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Place the Nacimiento plug from 2586' – 2486'.

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.