

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

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.

2006 AUG 11 PM 1 57

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505.325.6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1710' FSL, 825 FEL, Sec. 17, T24N, R03W, NMEM

5. Lease Serial No.

NMSF 081347

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Gilcrease #1

9. API Well No.

30-043-05444

10. Field and Pool, or Exploratory Area

S. 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

☐ 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 Resources intends to plug and abandon the Gilcrease #1 according to the attached plugging procedure.

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

Vicki Donaghey

Title

Regulatory Analyst

Date 08/08/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 1 2006

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.

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

August 3, 2006

### Gilcrease #1

South Blanco Pictured Cliffs  
1710' FSL & 825' FEL, Section 17, T24N, R3W  
Rio Arriba County, New Mexico, API #30-039-05444

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 ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 101 joints 1.25" tubing, total tally, 3286'. Note: bottom 10' of tubing is perforated and banana peeled at bottom. If necessary LD tubing and PU workstring. Round trip 5.5" gauge ring or casing scraper to 3167'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland, Ojo Alamo tops, 3167' – 2690')**: TIH and set CR at 3167'. Pressure test tubing to 1000#. Load casing. Attempt to pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 54 sxs Type III cement and spot a plug inside the casing above CR to isolate the Pictured Cliffs interval and cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1525' – 1425')**: Perforate 3 squeeze holes at 1525'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 5.5" cement retainer at 1475'. Establish rate into squeeze holes. Mix and pump 43 sxs cement, squeeze 27 sxs outside the casing and leave 16 sxs inside casing to cover the Nacimiento top. TOH with tubing.
5. **Plug #3 (8.625" casing shoe and surface, 157' - Surface)**: Perforate 3 squeeze holes at 157'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 45 sxs cement down the 5.5" casing to circulate good cement out bradenhead valve from 157'. Shut well in and WOC.
6. 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.

# Gilcrease #1

## Current

South Blanco Pictured Cliffs

1710' FSL & 825' FEL, SE, Section 17, T-24-N, R-3-W

Rio Arriba County, NM / API #30-039-05444

Today's Date: 8/3/06

Spud: 1/21/58

Completion: 6/15/58

Elevation: 7143' GI

12.25" hole

8.625" Casing set @ 107'  
Cement with 125 sxs (Circulated to Surface)

### WELL HISTORY

Aug '73: Change out tubing and land at 3286'.

Nacimiento @ 1475'\*est

1.25" Tubing at 3286'  
(101 jts, 2.3#, bottom 10'  
perforated, banana peeled at bottom)

Ojo Alamo @ 2740'\*est

TOC @ 2592' (Calc, 75%)

Kirtland @ 2922'\*est

Fruitland @ 3005'\*est

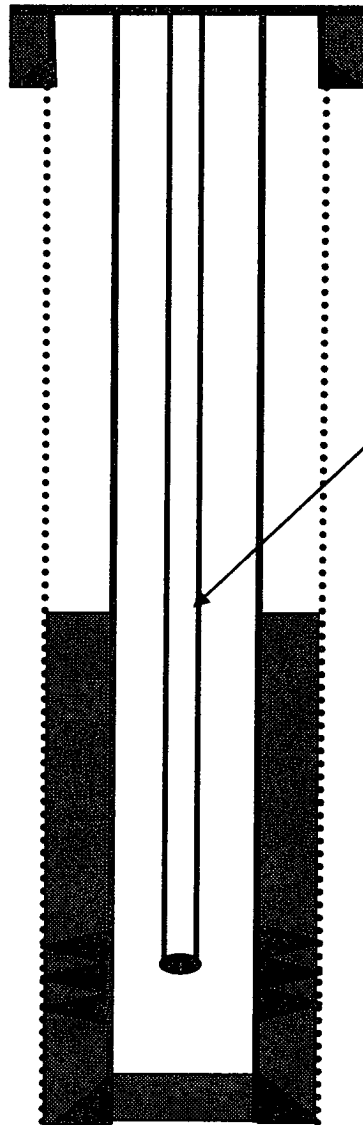
Pictured Cliffs @ 3217'

Pictured Cliffs Perforations:  
3217' - 3317'

7.875" hole

5.5" 15.5# Casing set @ 3360'  
Cemented with 150 sxs

TD 3360'  
PBTD 3285'



# Gilcrease #1 Proposed P&A

South Blanco Pictured Cliffs

1710' FSL & 825' FEL, SE, Section 17, T-24-N, R-3-W

Rio Arriba County, NM / API #30-039-05444

Today's Date: 8/3/06

Spud: 1/21/58

Completion: 6/15/58

Elevation: 7143' GI

Nacimiento @ 1475'\*est

Ojo Alamo @ 2740'\*est

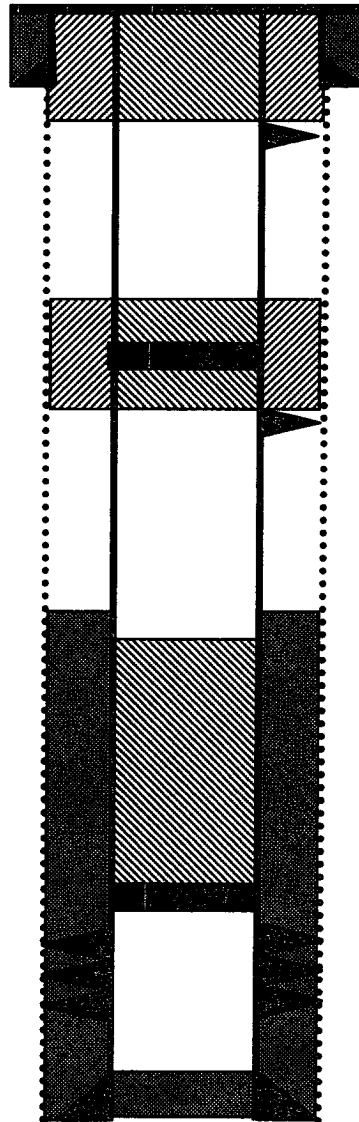
Kirtland @ 2922'\*est

Fruitland @ 3005'\*est

Pictured Cliffs @ 3217'

12.25" hole

7.875" hole



8.625" Casing set @ 107'  
Cement with 125 sxs (Circulated to Surface)

Perforate @ 157'

Plug #3: 157' - 0'  
Type III cement, 45 sxs

Cmt Retainer @ 1475'

Perforate @ 1525'

Plug #2: 1525' - 1425'  
Type III cement, 43 sxs:  
27 outside and 16 inside

TOC @ 2592' (Calc, 75%)

Plug #1: 3167' - 2690'  
Type III cement, 54 sxs

Set CR @ 3167'

Pictured Cliffs Perforations:  
3217' - 3317'

5.5" 15.5# Casing set @ 3360'  
Cemented with 150 sxs

TD 3360'  
PBTD 3285'