

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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 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)

1170' FSL, 790' FEL, Sec. 33, T32N, R5W, N.M.P.M.

5. Lease Serial No.

NM/4462

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Schalk 62 3

9. API Well No.

30-039-20933

10. Field and Pool, or Exploratory Area

East Blanco Pictured Cliffs
WC MANCOS

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.)

It is intended to plug and abandon this well as per the attached plugging procedure.

RECEIVED
2002 APR 16 AM 11:34
070 FARMINGTON, NM

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

Don Graham

Title

Production Superintendent

Date 4/12/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

PLUG AND ABANDONMENT PROCEDURE

4/10/02

Schalk 62 #3

Blanco Pictured Cliffs-East
1190' FNL & 790' FEL
NE, Sec. 23, T30N, R4W
Rio Arriba County, New Mexico

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 II mixed at 15.6 ppg with a yield of 1.18 cf/sx.

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.
1. PU on tubing and release packer (type ??) at 2845'. TOH with tubing and LD packer. If unable to release packer, then determine freepoint by stretch and modify plug #1 as necessary.
2. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 3033' – 2800')**: If able to remove packer, then RIH and set 4-1/2" wireline CIBP or CR at 3033'. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix and spot 21 sxs Class B cement above CIBP up to 2800' to isolate PC interval and cover Fruitland top. PUH to 2568'.
3. **Plug #2 (Kirtland and Ojo Alamo tops, 2568' – 2362')**: Mix 20 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 1133'.
4. **Plug #3 (Nacimiento top, 1133' – 1033')**: Mix 12 sxs Class B cement and spot a balanced plug inside the casing to cover the Nacimiento top. PUH to 356'.
5. **Plug #4 (8-5/8" Surface casing, 356'- Surface)**: Mix approximately 27 sxs Class B cement and spot a balanced plug inside the casing from 356' to surface, circulate good cement out casing valve. TOH and LD tubing.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Schalk #62-3

Proposed P&A

Today's Date: 4/10/02
 Spud: 9/1/74
 MV Completion: 12/15/74
 PC Completion: 6/23/94
 Elevation: 6288' GI
 6240' KB

WC Bancos Pictured
 Cliffs
 SE, Section 33, T-32-N, R-5-W, Rio Arriba County,
 NM

12-1/4"
 hole

Nacimiento @ 1083'

Ojo Alamo @
 2412'

Kirtland @ 2518'

Fruitland @ 2850'

Pictured Cliffs @
 2983'

Mesaverde @ 5424'

7-7/8" hole

TD 5850'

8-5/8" 23# Csg set @ 306'
 Cmt w/ 200 sxs (Circulated to Surface)

Plug #4 356' - Surface
 Cmt with 27 sxs Class B

Plug #3 1133' - 1033'
 Cmt with 11 sxs Class B

DV Tool @ 1994'
 Cmt w/350 sxs (578 cf)
 Per Sundry Cement
 Circulated

Plug #2 2568' - 2362' Cmt
 with 20 sxs Class B

Plug #1 3033' - 2800' Cmt
 with 21 sxs Class B

Set CIBP @ 3033'

Pictured Cliffs Perforations:
 3088' - 3133'

DV Tool @ 3868'
 Cmt w/286 sxs (472 cf)
 Per Sundry Cement
 Circulated

CR @ 5276'
Plug with 39 sxs (1994)

Mesaverde Perforations:
 5430' - 5545'
 5608' - 5689'

4-1/2" 10.5# Csg set @ 5850'
 Cmt w/380 sxs (687 cf)
 Sundry reported cement circulated to surface.

Schalk #62-3

Current

Today's Date: 4/10/02

Spud: 9/1/74

MV Completion: 12/15/74

PC Completion: 6/23/94

Elevation: 6288' GI
6240' KB

WC Bancos Pictured
Cliffs

SE, Section 33, T-32-N, R-5-W, Rio Arriba County,
NM

12-1/4"
hole

8-5/8" 23# Csg set @ 306'
Cmt w/ 200 sxs (Circulated to Surface)

Well History

Jun '94: Set CR @ 5276' , sqz MV formation with 39 sxs B cmt leaving 75' above retainer. PT casing, OK, Run CBL 3450' to 2520', perforate PC interval 3351' - 3370', frac, flow well back, set BP at 3217', perforate 3088' 3133', frac, drill out BP, land tubing with packer at 2845', swab well and shut in.

DV Tool @ 1994'
Cmt w/350 sxs (578 cf)
Per Sundry Cement
Circulated

2-3/8" Tubing set at 3093'
(Packer @ 2845')

Pictured Cliffs Perforations:
3088' - 3133'

DV Tool @ 3868'
Cmt w/286 sxs (472 cf)
Per Sundry Cement
Circulated

CR @ 5276'
Plug with 39 sxs (1994)

Mesaverde Perforations:
5430' - 5545'
5608' - 5689'

4-1/2" 10.5# Csg set @ 5850'
Cmt w/380 sxs (687 cf)
Sundry reported cement circulated to surface.

Nacimiento @ 1083'

Ojo Alamo @
2412'

Kirtland @ 2518'

Fruitland @ 2850'

Pictured Cliffs @
2983'

Mesaverde @ 5424'

7-7/8" hole

TD 5850'