

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different depth.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

RECEIVED

NOV - 8 1999

OIL CON. DIV.
DIST. 3

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

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

790' FSL, 1790' FWL, Sec. 24, T32N, R13W, N.M.P.M.

5. Lease Designation and Serial No.

SF-078818A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

USA #4

9. API Well No.

30-045-25042

10. Field and Pool, or exploratory Area

Blanco Mesa Verde

11. County or Parish, State

San Juan NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plan to plug and abandon this well per the attached procedure.

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

Signed

Monica Taylor

Title Production Assistant

Date 10/20/99

(This space for Federal or State office use)

Approved by

/s/ Joe Hewitt

Title

Chief Land, Forest & Water Management

Date

NOV - 4 1999

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, 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.

* See Instruction on Reverse Side

NM000

PLUG & ABANDONMENT PROCEDURE

10-18-99

USA #4

Blanco Mesaverde

790' FSL and 1790' FWL, Section 24, T-32-N, R-13-W
San Juan 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.

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. PU on tubing and release R-3 packer. TOH and tally 143 joints 1-1/4" tubing (total 4611'); visually inspect the tubing. If necessary LD tubing and PU 2" workstring.
3. **Plug #1 (Mesaverde perforations and top, 4434' – 3805')**: Set 4-1/2" wireline CIBP at 4434'. TIH with open ended tubing workstring and tag. Load casing and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug as necessary. Mix 52 sxs Class B cement and spot a balanced plug above CIBP to isolate Mesaverde perforations and cover top. PUH to 1995'.
4. **Plug #2 (Pictured Cliffs top, 1995' – 1895')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs interval. TOH to 1100'.
5. **Plug #3 (Fruitland top, 1100' - 1000')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Fruitland interval. TOH and LD tubing.
6. **Plug #4 (8-5/8" Casing shoe)**: Perforate 3 squeeze holes at 364'. Establish circulation out bradenhead. Mix and pump approximately 120 sxs Class B cement down the 4-1/2" casing from 364' to surface, circulate good cement returns out bradenhead.
7. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

USA #4

Current
Blanco Mesaverde

SW, Section 24, T-32-N, R-13-W, San Juan County, NM

Today's Date: 9/30/99
Spud: 5/29/81
Comp: 7/20/81
Elevation: 5910' GR

Kirtland @ Surface

12-1/4" Hole

TOC @ 955' ('93 CBL)

Fruitland @ 1050'

Csg Leaks
1800' - 2320'

Pictured Cliffs @ 1945'

Csg Leaks
3080' - 4394'

Mesaverde @ 3855'

8-5/8" 24#, K-55 Casing set @ 314'
300 sxs cement (Circulated to Surface)

Workover History

Apr '93: Casing Repair & Pay Add: Pull tubing; set RBP at 4480'; isolate casing leaks from 1800' to 2720'; squeeze with 200 sxs; drill out from 2335' to 2800'; pull RBP; perforate Upper MV zone from 4472' to 4426', acidize & frac; CO and land tubing.

Aug '98: Swab well: recover 21 bbls fluid and large amount sand. Tight spot at 1100'.

May '99: Pull tubing and replace bad joints.

May '99: Swab well: recovered 95 bbls fluid in 2 days; fluid level decreased from 1000' to 2500'.

Jun '99: Swab well: recovered 98 bbls fluid in 1 day.

Jul '99: Isolate Perfs: Pull tubing, set Model R-3 packer at 4512'; swabbed well: recovered 88 bbls fluid, final fluid level at 350'.

DV tool @ 2373'
Cmt w/960 sxs (Circulated 5 sxs to surface)

Sqz'd csg leaks 2705' - 2720'
w/200 sxs cmt.

TOC @ 3046' ('93 CBL)

1-1/2" Tubing set at 4611'
(143 jts, 2.9#, EUE with SN at 4509'
Model R-3 Packer at 4516'
in 13,000# compression)

Mesaverde Perforations:
4426' - 4472'

Mesaverde Perforations:
4484' - 4626'

4-1/2" 10.5.#, CW-55 Casing Set @ 4750'
Cemented with 755 sxs

PBTD 4727'

7-7/8" Hole

TD 4750'

USA #4

Proposed P&A

Blanco Mesaverde

SW, Section 24, T-32-N, R-13-W, San Juan County, NM

Today's Date: 9/30/99

Spud: 5/29/81

Comp: 7/20/81

Elevation: 5910' GR

Kirtland @ Surface

12-1/4" Hole

8-5/8" 24#, K-55 Casing set @ 314'
300 sxs cement (Circulated to Surface)

Perforate @ 364'

Plug #4 364' - Surface
Cmt with 120 sxs Class B

TOC @ 955' ('93 CBL)

Fruitland @ 1050'

Plug #3 1100' - 1000'
Cmt with 12 sxs Class B

Csg Leaks
1800' - 2320'

Plug #2 1995' - 1895'
Cmt with 12 sxs Class B

Pictured Cliffs @ 1945'

DV tool @ 2373'
Cmt w/960 sxs (Circulated 5 sxs to surface)

Sqz'd csg leaks 2705' - 2720'
w/200 sxs cmt.

TOC @ 3046' ('93 CBL)

Csg Leaks
3080' - 4394'

Plug #1 4434' - 3805'
Cmt with 52 sxs Class B

Mesaverde @ 3855'

Set CIBP @ 4434'

Mesaverde Perforations:
4426' - 4472'

Mesaverde Perforations:
4484' - 4626'

PBTD 4727'

4-1/2" 10.5.#, CW-55 Casing Set @ 4750'
Cemented with 755 sxs

7-7/8" Hole

TD 4750'