

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

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)

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

860' FNL, 1550' FWL, Sec. 34, T30N, R13W, N.M.P.M.

5. Lease Serial No.

NMSF-078214

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

McCord 2E

9. API Well No.

30-045-27269

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State

San Juan 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

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 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 McCord #2E according to the attached procedure.

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

Name (Printed/Typed)

Vicki Donaghey

Title

Regulatory Analyst

Date

08/01/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 07 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.

NMCCO

PLUG AND ABANDONMENT PROCEDURE

July 28, 2006

McCord #2E

Basin Dakota
860' FNL & 1550' FWL, NW, Section 34, T30N, R13W
San Juan County, New Mexico, API #30-045-27269

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. 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.
2. ND wellhead and NU BOP. Test BOP. TOH and tally 226 joints 2.375" tubing, total 7064'. If necessary, LD tubing and use a workstring. Round trip 4.5" gauge ring or casing scraper to 6910'.
3. **Plug #1 (Dakota perforations and top, 6910' – 6810')**: TIH and set cement retainer at 6910'. Load casing with water and circulate well clean. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 11 sxs cement and spot a balanced plug inside casing above CR to isolate the Dakota perforations and top. PUH to 6090'.
4. **Plug #2 (Gallup top, 6090' – 5990')**: Mix 11 sxs cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 3510'.
5. **Plug #3 (Mesaverde top, 3510' – 3410')**: Mix 11 sxs cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH to 1680'.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 1680' – ^{1166'}1248')**: Mix ~~26~~ sxs cement and spot a balanced plug inside casing to cover through the Fruitland top. PUH to 525'.
7. **Plug #5 (Surface casing, 525' - Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 45 sxs Type III cement and spot a balanced plug from 525' 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 and the annulus.
8. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

McCord #2E

Current
Basin Dakota

860' FNL & 1550' FWL, Section 34, T-30-N, R-13-W
San Juan County, NM / API #30-045-27269

Today's Date: 7/28/06
Spud: 3/4/89
Comp: 4/18/89
Elevation: 5681' GI
5695' KB

12.25" Hole

9.625" 36# Casing set @ 475'
250 sxs cement, circulated to surface

Perforate @ 680', sqz with
260 sxs cement (1994)

Top of Cmt @ 950' (1994 CBL)

Fruitland @ 1398'

Pictured Cliffs @ 1630'

2.375" Tubing at 7064'
(226 joints, 4.7#, J-55)

Mesaverde @ 3460'

DV Tool @ 4975'
Cemented with 940 sxs
(Circulate 8.5 bbls to surface
per Sundry)

Gallup @ 6040'

Dakota Perforations:
6960' – 7089'

Set CIBP @ 7140' (1999)

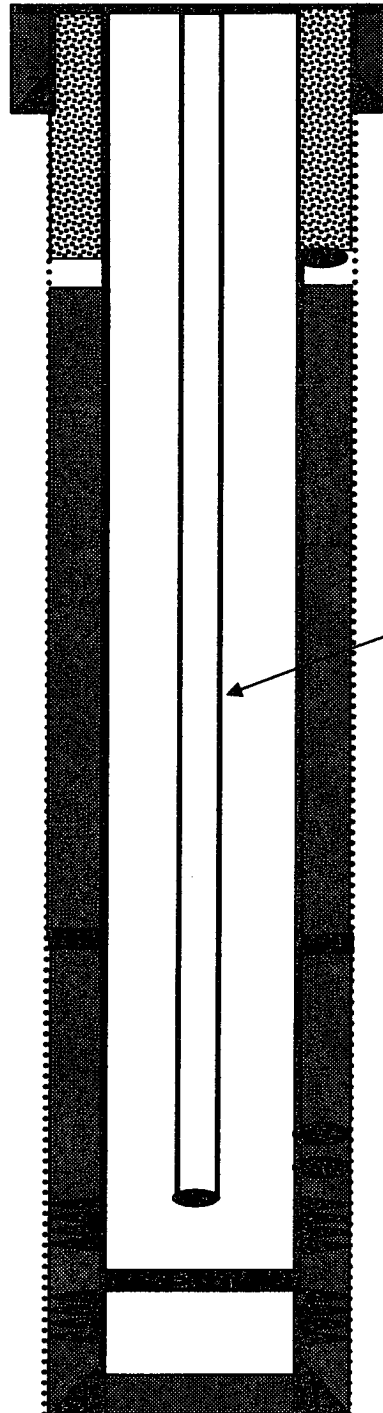
Dakota Perforations:
7158' – 7214'

Dakota @ 7043'

4.5" 11.6#, K-55/N-80 Casing @ 7223'
Cemented with 760 sxs
(Circulate 30 bbls cmt to surface per
Sundry)

8.75" Hole

TD 7300'
PBTD 7201'



McCord #2E

Proposed P&A Basin Dakota

860' FNL & 1550' FWL, Section 34, T-30-N, R-13-W
San Juan County, NM / API #30-045-27269

Today's Date: 7/28/06

Spud: 3/4/89

Comp: 4/18/89

Elevation: 5681' GI
5695' KB

12.25" Hole

Fruitland @ 1398'

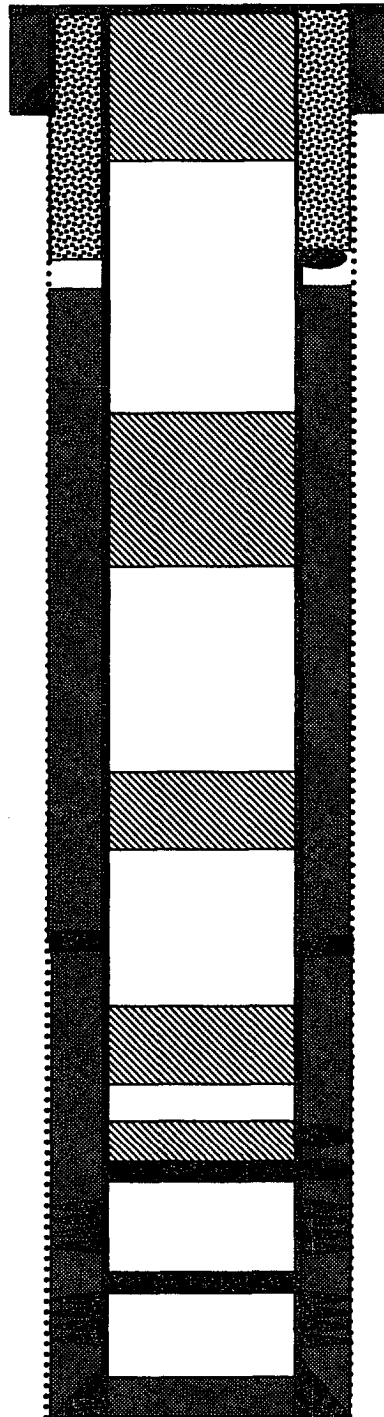
Pictured Cliffs @ 1630'

Mesaverde @ 3460'

Gallup @ 6040'

Dakota @ 7043'

8.75" Hole



9.625" 36# Casing set @ 475'
250 sxs cement, circulated to surface

Plug #5: 525' - 0'
Type III cement, 45 sxs

Perforate @ 680', sqz with
260 sxs cement (1994)

Top of Cmt @ 950' (1994 CBL)

Plug #4: 1680' - 1348'
Type III cement, 26 sxs

Plug #3: 3510' - 3410'
Type III cement, 11 sxs

DV Tool @ 4975'
Cemented with 940 sxs
(Circulate 8.5 bbls to surface
per Sundry)

Plug #2: 6090' - 5990'
Type III cement, 11 sxs

Set CIBP @ 6910'

Plug #1: 6910' - 6810'
Type III cement, 11 sxs

Dakota Perforations:
6960' - 7089'

CIBP @ 7140' (1999)

Dakota Perforations:
7158' - 7214'

4.5" 11.6#, K-55/N-80 Casing @ 7223'
Cemented with 760 sxs
(Circulate 30 bbls cmt to surface per
Sundry)

TD 7300'
PBTD 7201'