

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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.

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

3300 N. A St., Bldg. 4, Ste. 100, Midland, Tx 79701

3b. Phone No. (include area code)

(432) 684-3693

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

Section 33, T-15-S, R-35-E, Lea County

UL-N, 660' FSL & 1980' FWL

5. Lease Serial No.

NM04411

6. If Indian, Allottee or Tribe Name

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

Nm 91055X

8. Well Name and No.

West Lovington 4

Strawn Unit

9. API Well No.

30-025-32230

10. Field and Pool, or Exploratory Area

Lovington; Strawn, West

11. County or Parish, State

Lea

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

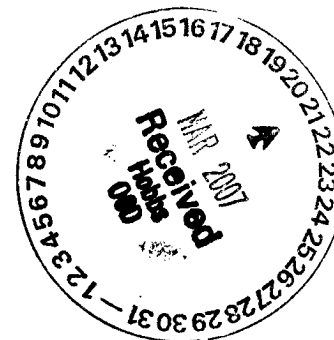
☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

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.)

See attached procedure.



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

Name (Printed/Typed)

Carolyn Larson

Title

Regulatory Analyst

Date 3-12-07

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

Title

Office

MAR 19 2007

WESLEY W. INGRAM

PETROLEUM ENGINEER

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.

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.

ENERGEN RESOURCES CORPORATION

WLSU #4

660' FSL and 1980' FWL

Sec 33, T-15-S, R-35-E

Lea, Co. NM

West Lovington Field

Recompletion Procedure

1. MIRU Pulling Unit
2. Load csg/tbg annulus and pressure test to 500 psig.
3. Release pkr and POOH w/ tubing
4. RIH wireline. RIH w/junk basket and gauge ring to 10600'. RIH w/wireline set RBP and set at 10200'. Load casing to above 9000'. RIH w/CBL/GR/CCL. Run log from 10000' to 9000' or to TOC. POOH. RIH w/MicroVertilog. Run log from TOC to 4500'. POOH.
5. RIH w/overshot and tubing to RBP. Release RBP and POOH
6. RU wireline. RIH w/GR/CCL and run depth correlation log. RIH w/3-1/8" Slick gun w/4 SPF 120° phased Owen 4000-311T charges. Perforate Strawn from 11532-52, 11556-76'. POOH. RIH w/RBP and set at 11582'. POOH Total shots 160. (Correlated to Schlumberger Borehole Compensated Sonic Log dated 10-24-1993).
7. RIH w/overshot, 1-6' 2-3/8" tubing sub, 1-1.875" R profile w/ 1.822" no-go, 1 jt 2-7/8" tubing RTTS pkr and tubing. Set packer at 11450'. Pressure test to 7000 psi while going in hole.
8. Acidize perfs 11532-11576 per stimulation company recommendation.
9. RU swab and swab to kick well off.
10. RD Pulling Unit
11. Test Strawn perfs 11532-11576'.
12. RIH with tandem electronic pressure gauges taking flowing gradient stops. Set gauges in Model R nipple. Flow well for 6 hrs and shut well in for 48 hrs. POOH w/ gauges making gradient stops.
13. RU Pulling Unit
14. Install BOPE.
15. Release packer, retrieve RBP and POOH

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West Lovington Field

Recompletion Procedure

16. RU wireline. RIH w/3-1/8" Slick gun w/4 SPF 120° phased Owen 4000-311T charges. Perforate Strawn from 11480-11485' and 11496-11520'. POOH. Total shots 116. (Correlated to Schlumberger Borehole Compensated Sonic Log dated 10-24-1993). RIH w/wireline set RBP and set at 11526'.
17. RIH w/overshot, 1.875 R Nipple w/1.822" Nogo, 1-6' 2-3/8" N-80 tubing sub, 1 jt 2-7/8" tubing, RTTS pkr, SN and 2-7/8" tubing.
18. Set packer at 11400'.
19. Acidize per service company recommendation
20. RD pulling unit.
21. Test well. RIH with tandem electronic pressure gauges taking flowing gradient stops. Set gauges in Model R nipple. Flow well for 6 hrs and shut well in for 48 hrs. POOH w/ gauges making gradient stops
22. Flow test well
23. RU pulling unit.
24. Install BOPE.
25. Release packer, retrieve RBP and POOH.
26. RIH w/WEG, 1-1.875" R profile w/ 1.822" no-go, 1-6' 2-3/8" tubing sub, 1 jt 2-7/8" tubing, Lok-set packer, on/off tool w/1.875" F profile and 2-7/8" tubing. Set packer at 11400'.
27. Rig up swab and swab to kick well off.
28. RU slickline. RIH w/blanking plug and set in on/off tool profile. Release from plug and POOH. Release from on/off tool and circulate hole w/ packer fluid. Latch back onto on/off tool. Set 20 pts compression on packer. Remove BOPE and install X-mas tree.
29. RIH w/slickline and retrieve blanking plug.
30. Rig up swab and swab to kick well off.
31. RD pulling unit.