

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.*

**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

☐ 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

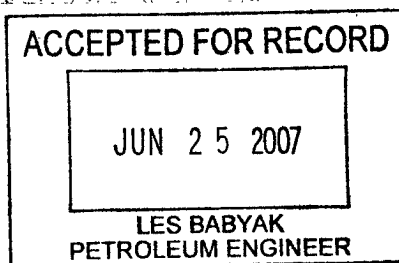
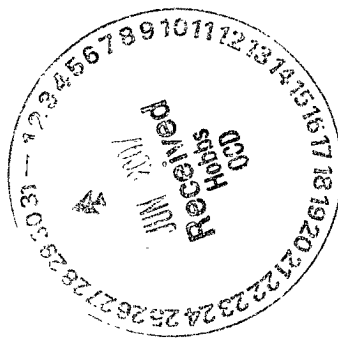
☐ Water Shut-Off

☐ 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 recompleting 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 recompleting 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 5-18-07

**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.

**West Lovington Strawn Unit #4**

30-025-32230

N-33-T15S, R35E

660' FSL & 1980' FWL

3/7 - 4/27/07 - Recompletion

MIRU Basic SVC Unit. Pressure tested csg/tbg annulus to 800#. Pumped in 6 more bbls w/injection rate of 1 BPM. Indication of possible leak. Shot 2 drain holes in 2-7/8" x 8' tbg sub above Lok-set pkr at 11,490' by rotary wireline depth. Found tbg 100% stuck at 5700' & 100% free at 5675'. Chemical cut 1-7/8" tbg at 11,200' WLM. Could not work tbg free. Chemical cut tbg. At 6010'. Could not work free. Cut tbg at 5610'. POOH w/169 jts +1 cut jt of 2-7/8" N-80 tbg. Layed down 7 full jts w/gauled threads as junk. Jarred fish free in 2 hours. POOH & recovered 2 cut jts 2-7/8" tbg & 11 jts 2-7/8" N-80 tbg. RIH w/4-1/2" OD swage. Swage out tight spot in 5-1/2" csg from 5690' - 5750'. Milled out 5-2/3" casing from 5690-5750'. Finally fell thru tight csg. Circulated out iron sulfide and small slivers of casing. Pumped 50 bbls produced water down tbg. Fish came free w/110 pts pulled. POOH w/tbg, overshot, 1 cut jt, 156 jts 2-7/8" N-80 tbg. Ran cased hole log from 10,702' - 4500'. Decision made to fish packer. Tag top of 1-7/8" tbg fish at 11,186. NU stripper head & rig up power swivel. Broke circulation w/produced water. Milled off tbg to 11,188'. RIH w/2.25 ID overshot & 2-7/8" N-80 tbg. Caught 2-7/8" fish at 11,158' by SLM. Attempted to pump thru 2 shot holes in 8' sub above pkr. Could not pump in at 1500 PSI. Rig up wireline. RIH w/2-1/8" chemical cutter. Could not get below 11,159'. RIH w/chisel bottom, bumper sub, 2-1 3/4" spud bars to 11,466' by rotary wireline depth. RIH w/2" chemical cutter and cut 2-7/8" tbg at 11,415'. Worked tbg free w/max pull of 110 pts POOH w/100 stds. Finish POOH w 2-7/8" tbg, 4 11/16" overshot. Recovered 7 full jts of tbg. RIH w/ 4 11/16" overshot, caught 2-7/8" tbg fish at 11,418' by SLM. Attempted to pump thru shot holes in 8' sub above pkr w/max pressure of 2000 psi. Could not pump into holes. Jarred on fish 3 hours w/no movement. Release overshot & POOH. RIH w/4-1/2" conventional Texas pattern shoe. Tag fill at 11,455' SLM depth. Broke circulation w/produced water. Cleaned out fill to 11,466'. RIH w/4-1/2" pattern shoe, 2 jts 4-1/2" wash pipe, tagged top of fish at 11,415'. Continued fishing for 3 more days. Opened well, rig up power swivel. Worked 5-1/2" Lok-set pkrs loose. POOH w/2-7/8" tbg, 3-1/2" DCS, jars, bumper sub, overshot. Recovered 1-10' cut jt, 1 full jt of 2-7/8" tbg, 1-8' sub, SN & 5-1/2" Lok-set pkr. Rig up Gray wireline. Set 5-1/2" plug well quick drill CIBP at 11,450'. POOH & layed down 348 jts 2-7/8" N-80 production tbg. Dump bail 20' cmt on top of CIBP @ 11,450'. Well is shut-in until later date.