

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CD-HORRIS

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 79705

3b. Phone No. (include area code)

(432) 684-3693

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

330' FSL & 2145' FEL
Section 33, T-15-S, R-35-E

5. Lease Serial No.

NM 04411

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

West Lovington Strawn Unit
#2

9. API Well No.

30-025-31767

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

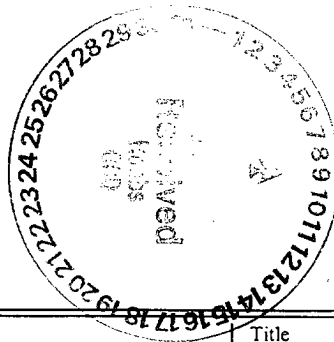
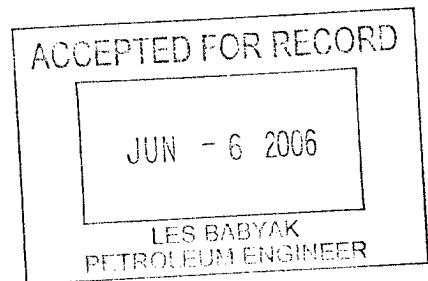
- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---------------------------------------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <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 checked="" type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input 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.)

See attached narrative.



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

Name (Printed/Typed)

Carolyn Larson

Title

Regulatory Analyst

Date

May 22, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

Title

Dist. Supervisor

Date

6/12/06

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

Hobbs

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 #2
30-025-31767
P - 33- T15S, R35E
330 FSL & 2145 FEL

12/2/04 - 2/14/05 - Workover

Rig up Basic Svc Unit. Pulled 2-7/8" tbg out of hole. Found hole in tbg @ 5700'. TIH w/5-1/2" RBP @ 11,499'. Spotted 2-1/2 sx sand on RBP. Set pkr at 9509', 6068' and 4570'; unable to get a good test between 6068' & 4570'; bad casing. Run GR-CCL-CBL from 11,441-8200. Found TOC @ 8450'.

Rig up Baker Atlas. Run micro-vertilog. Rig up service unit and RIH w/chemical cutter. Cut csg at 8005'. POOH. Rig up csg jacks. Run freepoint tool thru spear. Spear 5-1/2" csg. RUWL & run freepoint. Found csg 100% free at 5585' and 100% stuck at 5610'. Pulled spear out of csg. NU WH & BOP, rih w/5-1/2" Baker Lok-set pkr w/on/off tool & 2-7/8" tbg to 5043'. RIH w/5-1/2" Lok-set pkr. RIH w/5-1/2" Lok-set pkr w/on/off tool. Set pkr at 7526. Pumped 450 BBW. Circulated mud out 5-1/2" X 8-5/8" annulus. Finish RIH w/5-1/2" Lok-set pkr. Set pkr at 6501, pumped 100 BBW. Circulated out annulus.

RIH w/inflatable pkr w/2-7/8" perf sub on btm bull plugged, 2-7/8" tbg to 5610'. Inflated pkr, pumped 100 BBW via tbg. Circulated out annulus. Released pkr & POOH. SD due to bad weather.

RIH w/Weatherford 5-1/2" cement retainer, 240 jts of 2-7/8" tbg. Set retainer at 7869'. Broke circulation out 5-1/2 X 8-5/8" annulus. Pumped 20 bbls chemical wash, 10 BFW spacer. Lead cmt 255 sx 35/65 POZ Class H w/5% D44 w/6% D20 mixed at 12.4 ppg. Tail in w/235 sx class H net mixed at 15.6 ppg. Stung out of retainer. RIH & tagged cement at 6016'. D/O cmt to 6181', fell thru 1 jt. D/O cmt stingers to 6508' circulated hole clean. POOH to 4575'. RIH w/4-3/4" bit, tbg tagged at 6508'. Drilled out cement to 7422'. Circulated clean D/O cmt to 7422'. Drilled out cmt to 7813. Fell thru. Tagged cmt retainer at 7869'. RIH to cmt retainer at 7869', broke circulation w/water. d/o hard cmt and on retainer to 7878'. POOH to 5755'. D/O hard cmt & nose cone to 7993'. Run CBL 8622-4800'. RDWL. RIH w/retrieving tool, SN, tbg. Tagged at 11,448. Had 51' of fill on top of RBP. Broke circulation w/water. Circulated clean. Run production tubing. Begin swabbing.

Pumped 40 bbls of Strawn oil mixed w/10 gals of Baker DMO02256 chemical. Displaced w/80 BFW mixed w/10 gals of WCW-2827 chemical. Began swabbing again.

Acidize w/20 bbls straight 15% acid ahead, 218 bbls of acid w/412,500 SCF N2 w/150 bio-balls. Well broke at 3800#. Put well on 32/64 choke at 10:30 p.m. 2/10/05. SI 2 hrs Left open to flow back tank. Swabbed. Opened well to 36/64" choke and well resumed flowing. Recovered 226 BO. Total recovery after acid treatment is 1015 BO/224 BW.

3/18/05 - 3/25/05

Install exterior coated tubing across casing leak area. RU slickline equipment, RIH and set blanking plug in "F" nipple @ 11,454'. Circulated well w/260 bbls of produced water to kill the well. SLMOOH w/remaining 304 jts of tubing for a total of 350 jts. Opened well, csg was flowing. RU vacuum truck on the casing and resumed picking up 105 jts of new RYT WRAP tubing for a total of 126 jt of RYT WRAP totaling 3993.46'. The RYT WRAP tubing covers from 3953' down to 7947' and on-off shoe is @ 11461'. Pumped 10 gals of PAO-2066 and 5 gals PAO-1203 down tubing and circulated hole conventionally with 250 bbls of packer fluid. Swabbed tubing down to 8000'. Retrieve blanking plug. RD slickline RU the swab, and swabbed well in 3 runs. Flowed the well to the TT for 2 hrs on a 2" choke, the FTP stabilized @ 110#, put the well to the battery on a 43/64" choke.