Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr , Hobbs, NM 87240
District II
1301 W Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S. St. Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
June 19, 2008

WELL API NO. 30-025-35704 ✓

5. Indicate Type of Lease STATE ☐ FEE ☒ ✓

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: West Lovington Strawn Unit ✓

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ✓

8. Well Number 21 ✓

2. Name of Operator Energen Resources Corporation ✓

9. OGRID Number 162928 ✓

3. Address of Operator 3300 North A St., Bldg. 4, Ste. 100 Midland, TX 79705

10. Pool name or Wildcat Lovington; Strawn, West ✓

4. Well Location ✓

Unit Letter H : 1800 feet from the North line and 660 feet from the East line

Section 32 Township 15S Range 35E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3992'

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☒
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached procedure

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tracie J Cherry TITLE Regulatory Analyst DATE 08-25-09

Type or print name Tracie J Cherry E-mail address: tracie.cherry@energen PHONE (432) 684-3692

For State Use Only

APPROVED BY TITLE PETROLEUM ENGINEER DATE SEP 01 2009

Conditions of Approval (if any):

Energen Resources Corporation
West Lovington Strawn Unit #21
30-025-35704
Sec 32, T-15S, R-35E, NMPM
Location 1800' FNL & 660' FEL
Lea County, NM

06-22-09/06-27-09

MIRU. Attempt to flow well down. Kill well using 15# mud down 5-1/2" csg. RIH tag CIBP @ 11450'. POOH. RIH w/test packer and RBP. Test csg to 1000 psi @ 1000', 2000', 4500'. Csg tested good. Set RBP @ 7013', test csg from 6630'. No test from 5928'. Set RBP & 11405 & packer @ 7013', test csg to 1000# from 7013' – 11405'. No leaks. SD for Sunday

06-29-09/07-03-09

RU csg crew and jacks. Run GR/CCL/CBL 9000' to 8500', found TOC @ 8840' RIH cut csg @ 8838'. PU spear and attempt to pull csg. Csg would not move. Re-cut @ 8838'. Work pipe to 305M, csg began to move. Pull pipe uphole and csg parted. Well started flowing. LD 143 jts 5-1/2" csg (5956'). RIH w/BHA, mill off 2' from TOF. Circ bottoms up. TOH & LD mill assy. RIH w/kill string. SDWE

07-06-09/ 07-10-09

RIH w/fishing BHA. Attempt to pull csg. Cut csg @ 7500'. TOF 5960'. LD 36 jts 5-1/2" csg (1526'). Latch TOF @ 7500'. Could not pull.

07-11-09/07-17-09

Attempt to bleed off csg. Kill well w/15# mud. Cut csg @ 8205'. Pull 14 jts 5-1/2" csg (617'). Recovered total of 8832' SLM of 5-1/2" csg. Test 8-5/8" csg from shoe. Csg tested good. Cut 5-1/2" @ 8836' and dress csg off to 8838'

07-18-09/07-24-09

MIRU power swivel. Load hole and mill 8838' – 8840'. POOH, secure well.
MIRU csg crew and tools. RIH w/ 5-1/2", Type A logan casing patch, one jt 5-1/2" L-80, 17# csg, Westherford DV tool, 196 jts 5-1/2" L-80 17# csg. Top of patch is @ 8837', top of DV tool @ 8790'. Attempt to pressure up on patch, had returns up annulus. Pump 50 sx 12.4 ppg, Class H cement through patch. Displace cmt to DV tool w/204 bbls FW. Dropped bomb to open DV tool, wait 45 min, open tool. Pumped 792 sx lead slurry @ 6.5 bpm, 2.25 cf/sk yield, 12.4 ppg. Pumped 150 sx tail surry @ 6.5 pbm, 1.32 cf/sx, 14.4 ppg. Had good cmt to surface. Bumped plug w/2800 psi, released pressure and had 2-1/2 bbl return. Repressured plug 3 times, plug would not hold. Pressured to 2100 psi, shut in cmt head. PU csg to 120K, close BOP. Displaced 500 sx cmt to surface.

RIH. Wash and rotate, drill through cmt to DV tool. Test DV tool to 1000 psi. Test good. Continue drilling through patch. Test 5-1/2" csg to 1500 psi for 10 minutes. Test good. Continue washing through heavy mud.

07-25-09/07-31-09

Continue washing and rotating down through heavy mud to CIBP. Drill through CIBP to PBTD @ 11834' TOH w/ws. RIH w/packer, set @ 11491'. Acidize as follows:

Stg. 1. Pumped 960 Gal 20% HCL @ 6 bpm (3 bpm acid & 3 bpm CO 2) @ 390 psi
Stg. 2 Pumped 5964 Gal DGA 320 @ 6 bpm (3 bpm DGA 320 & 3 bpm CO 2) @ 1271 psi. Pressure built up to 3500 and broke back to 790 psi.

Stg. 3. Pumped 1500 Gal 20% HCL @ 10 bpm (5 bpm acid & 5 bpm CO 2) @ 4182 psi. Dropped 150 ball sealers @ 4 balls per bbl. Had good ball action.
Stg 4. Pumped 6072 Gal DGA 320 @ 11 bpm (5.5 bpm DGA 320 & 5.5 bpm CO 2) @ 3488 psi.
Stg. 5. Pumped 1547 Gal 20% HCL @ 8 bpm (4 bpm acid & 4 bpm CO 2) @ 3982 psi
Stg. 6. Flushed with 979 Gal 5% KCL water @ 5 bpm. (2.5 bpm KCL & 2.5 bpm CO 2) @ 4505 psi
Stg. 7 Over Flushed with 1153 Gal 5% KCL water @ 5 bpm. (2.5 bpm KCL & 2.5 bpm CO 2) @ 1693 psi.
Pumped total of 432.7 bbls slurry and 436 bbls CO2 (87 Tons down hole and 6 Tons on cool down.
Max treating pressure - 5472 psi
Avg.-3106 psi
Final.-2790 psi
Max rate -13.7 bpm
Avg - 6 bpm
Min - 4 bpm
ISIP - 500
5 min -70 psi

Flowback/swab well to frac tank.

08-01-09

Continue swabbing well. SDFS

08-03-09

Set Watson Baker TST packer @ 11491' w/2-7/8" tbg. SN on top of packer.

08-13-09/08-18-09

POOH & LD tbg. RIH w/rod pumping BHA and 2-7/8", L-80, 6.5# tubing. Set TAC, NU hangar and wellhead. EOT @ 11708', TAC @ 11678, SN @ 11676'. RIH w/rods. Load and test tubing to 500#. Return well to production