

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

Form C-103  
May 27, 2004

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

WELL API NO. 30-025-32184
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 27820
7. Lease Name or Unit Agreement Name: West Lovington Strawn Unit
8. Well Number 3
9. OGRID Number 162928
10. Pool name or Wildcat Lovington; Strawn, West
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3983' GL
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Energen Resources Corporation	
3. Address of Operator 3300 North A St., Bldg. 4, Ste. 100 Midland, TX 79705	
4. Well Location Unit Letter <u>K</u> : <u>1880</u> feet from the <u>South</u> line and <u>2080</u> feet from the <u>West</u> line Section <u>33</u> Township <u>15S</u> Range <u>35E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3983' GL	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: Add pay <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Carolyn Larson TITLE Regulatory Analyst DATE 6-21-05

Type or print name Carolyn Larson

E-mail address: clarson@energen.com  
Telephone No. (432) 684-3693

For State Use Only

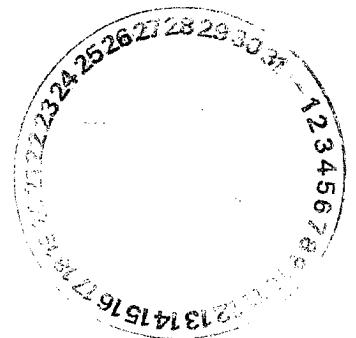
APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JUN 24 2005

Conditions of Approval, if any:

**WLSU #3**

**Recomplete additional Strawn pay**

Kill well with 2% KCl water  
Release packers and POOH w/tubing.  
Run RBP and set at 10000'  
Run cement bond log from 9000 to 8000'.  
Run casing inspection log from 9000 to 4500'.  
Retrieve RBP.  
Perforate Strawn from 11560-70, 11580-94 and 11598-606'.  
RIH w/packer and tubing..  
Acidize perfs  
Test well.  
Perforate Strawn from 11516-34'.  
Set RBP at 11550'.  
Acidize perfs.  
Test well  
Retrieve RBP and POOH.  
Run production equipment and set packer above all perforations.  
Kick well off.



# ENERGEN RESOURCES CORP

## WLSU #3

(Formerly Hamilton Federal No. 3)

LEA COUNTY, NM

GL Elevation: 3983'

KB Elevation: 4000.5' -- 17.5' above GL

Location: 1880' FSL X 2080' FWL

Sec 33-15S-35E

Spud: 08/17/1993

API : 30-025-32184

Current Condition Flowing

6/10/2005

### Conductor:

None

### Surface Casing:

13-3/8" 48#, H-40 @ 390'

Cemented to surface

with 400 sx Class "C" w/2% CaCl<sub>2</sub>

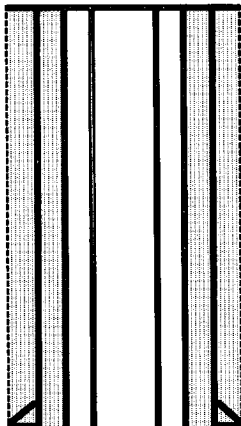
Did not circulate, ran down back-

side of 13-3/8" csg w/ 1' tbg w/ 125 sx

Class "C" w/ 2% CaCl<sub>2</sub>

(Circulated 5 sx)

390'



### Intermediate Casing:

8-5/8" 32#, S-80 & J-55 @ 4721'

(L) 1380 sx "PSL" containing 6%

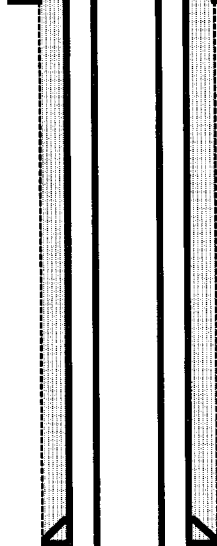
Bentonite & 10% salt

(T) 200 sx Class "C" w/1% CaCl<sub>2</sub>

(Circulated 235 sx)

TOC: Surface'

4721'



8480'

### Production Casing:

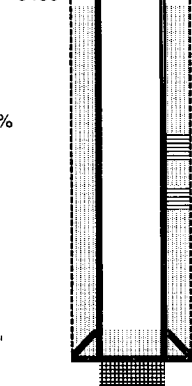
5-1/2" 17#, S-95 & L-80 @ 11,834'

Preflushed w/ 1000 gals Na Silicate,  
cmt w/ 738 sx Class "H" containing 0.7%

FL-25, 3% KCl, flushed w/ 273 BFW

TOC: 8480'

11834'



2-7/8" API SN @ 11600' WLM or 11617' Tubing Measurement

Lok-set Packer @ 11,601' WLM or 11618' Tubing Measurement

End of Tubing @ 11,606' WLM or 11623' Tubing Measurement

**Strawn Perfs:** 11,556-11,600' w/Vann gun system (2 spf) Squeezed Perfs w/200 sx. CI H Cmt.  
(POOH w/ Vann System Tools)

**Strawn Perfs:** 11,610-11,614' acidize w/500 gals HCL acid

PBD: 11,790'

**NOTE:** RA source left in btm of hole before 5-1/2" casing run. RA  
below casing.

TD: 11,870'

