

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

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

Form C-103  
May 27, 2004

<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.)		WELL API NO. 30-025-09379 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Energen Resources Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705		7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit ✓
4. Well Location Unit Letter <u>I</u> : <u>1980</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>22</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number <u>2</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Langlie Mattix 7 RVRS/Queen/GB
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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐

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.

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 4/24/07

Type or print name Carolyn Larson

E-mail address: carolyn.larson@energen.com

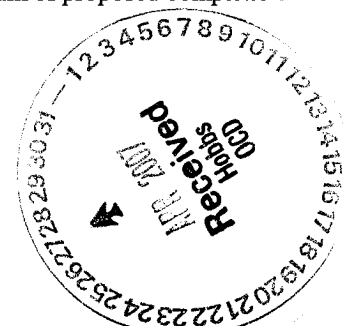
Telephone No. (432) 684-3693

For State Use Only

APPROVED BY Harry W. Wink

OC FIELD REPRESENTATIVE II/STAFF MANAGER  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval, if any:



# **ENERGEN RESOURCES CORPORATION**

## **LLQU #2**

1980' FSL and 660' FEL

Sec 22, T-23-S, R-36-E

Lea, Co. NM

Langlie Mattix Seven Rivers/Queen/Grayburg

### **Stimulation Procedure**

Date: August 11, 2006

AFE No: PB081206

Cost: \$ 98,908

WI: 100.00%

NRI: 80.83%

TD: 3,765'

PBTD: 3,739'

KB: 3400'

GL: 3391'

Surface Casing: 8-5/8" 32#/ft, H-40 ST&C Set at 330'.

Cemented w/275 sx Regular Neat.

Cement circulated.

Production Casing: 5-1/2" 15.5#/ft, J-55 Set at 3,761

Cemented w/200 sx Regular Cement + 4% gel

Tubing: 118 Jts 2-3/8" 4.7# J-55 8rd EUE @ 3,711'

Rods: 145 3/4" D @ 3,625'

Pump: 2" x 1-1/2" x 12' RHBC

Perforations: Seven Rivers: 3590-3594, 3510-16, 32-42, 65-73, 82-88

Queen: 3626-30, 69-73, 85-91, 96-99 (4 JSPF)

3705-09, 13-16, 19-22, 28-32 (2 JSPF)

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### **Stimulation Procedure**

1. MIRU pulling unit.
2. Install Rod stripper. Unseat Pump. POOH w/ 3/4" rods and 2" x 1-1/2" x 12' RHBC pump .
3. ND wellhead and NU BOPE.
4. POOH w/ 2-3/8" tbg
5. RIH w/bit, scraper and 2-7/8" workstring. Tag PBTD. Cleanout to PBTD if necessary. POOH
6. RIH w/pkr and 2-7/8" workstring. Set packer at 3540'. Pressure test casing from 3540' to surface to 500 psig.
7. RU service company fracture stimulate perfs down 2-7/8" workstring per service co. recommendation.
8. RIH w/bailer and clean out well to PBTD.
9. RIH w/ 2-3/8" production tubing. EOT @ 3,711'
10. RD BOPE and install wellhead.
11. Install rod stripper and RIH with rods.
12. RDMOL