

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  
June 19, 2008

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

WELL API NO. 30-025-09387
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 23267
7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit
8. Well Number 4
9. OGRID Number 162928
10. Pool name or Wildcat Langlie Mattix 7 RVRS/Queen/GB
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3370' GR

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.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>
2. Name of Operator Energen Resources Corporation
3. Address of Operator 3510 N. "A" St., Bldgs A & B, Midland, TX 79705
4. Well Location Unit Letter <u>K</u> : <u>1650</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>West</u> line Section <u>23</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3370' GR

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 COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/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.

Energen Resources submits Notice of Intention to Temporarily Abandon the LLQU #4.

See attached:  
Proposed TA Procedure  
Current Wellbore Diagram  
Proposed Wellbore Diagram

Thank you!

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 \_\_\_\_\_ TITLE Regulatory Analyst DATE 07/06/2017  
Brenda.rathjen@energen.com  
Type or print name Brenda F. Rathjen E-mail address: \_\_\_\_\_ PHONE 432-688-3323

For State Use Only

APPROVED BY Maley & Brown TITLE AO/II DATE 7/10/2017  
Conditions of Approval (if any): \_\_\_\_\_

Condition of Approval: notify  
OCD Hobbs office 24 hours  
prior of running MIT Test & Chart

lse #23267

**ENERGEN RESOURCES CORPORATION**  
**Langlie Lynn Queen Unit #4, API # 30-025-09387**

1650' FSL, 2310' FWL  
Sec. 23, T-23-S, R-36-E  
Lea County, NM

The LLQU #4 was completed as a 7Rivers-Queen producer. There is no known uphole potential. The well is not currently economic to produce, and needs to be TA'd.

For scope changes during work, stop and discuss with engineering before proceeding

API:	30-025-09387	KB:	3380'	PBTD:	3740'
Spud Date:	8/18/1949	GLE:	3370'	TD:	3750'

**Temporary Abandon Procedure**

**SAFETY CONSIDERATIONS**

Observe all Energen Guidelines for PPE and H2S Safety  
Observe perforation and contractor safety guidelines  
Wireline and explosives on location while perforating  
Workstring should be in good condition and tested to 5000 psi.  
BOP should be in good working condition and tested  
Rig anchors will need to be tested prior to MIRU  
Keep a TIW valve open and on the rig floor at all times  
~~Notify FAA five days prior to starting P&A operations~~  
Notify the NM OCD 24 hours prior to starting TA operations  
Notify the BLM prior to starting TA operations  
Meet with engineer, superintendents, and consultant prior to beginning the job,  
to assure that everyone is agreement with the procedure.

- 1 MIRU Well Service Unit.
- 2 Bleed well down.
- 3 NDWH
- 4 Unset pump. POOH w/ rods and pump.
- 5 NU adapter flange and BOP for 4-1/2" csg and 2-3/8" tubing. Test to 500 psi above working pressure.
- 6 POOH and LD production string.  
Use production tubing as workstring or:
- 7 Unload and rack 3600' 2-3/8" workstring. Maintain kill truck w/10 ppg brine on location.
- 8 RIH, set CIBP @3390', and dump bail 35' cmt or 25 sx cmt through tubing.
- 9 RIH w/ workstring and circulate packer fluid.
- 10 Notify OCD and BLM 24 hours prior to running MIT test and chart
- 11 POOH. RIH w/ 3 joints tubing as kill string.
- 12 ND BOP. NUWH
- 13 Perform bradenhead test.
- 14 RD and clean location.

# ENERGEN RESOURCES, INC.

Langlie Lynn Unit #4

Lea County, NM

GL Elevation: 3370'

KB Elevation: 3380'

Location: 1650' FSL, 2310' FWL,  
Sec 23, T-23-S, R-36-E

Current Conditions: March-2017  
Active-Pumping

updated: 3/3/17

API # 30-025-09387

Conductor:  
None

Surface Casing:  
10-3/4" 28# casing  
@ 225' in 7" hole  
Cemented to surface  
W/500 sacks

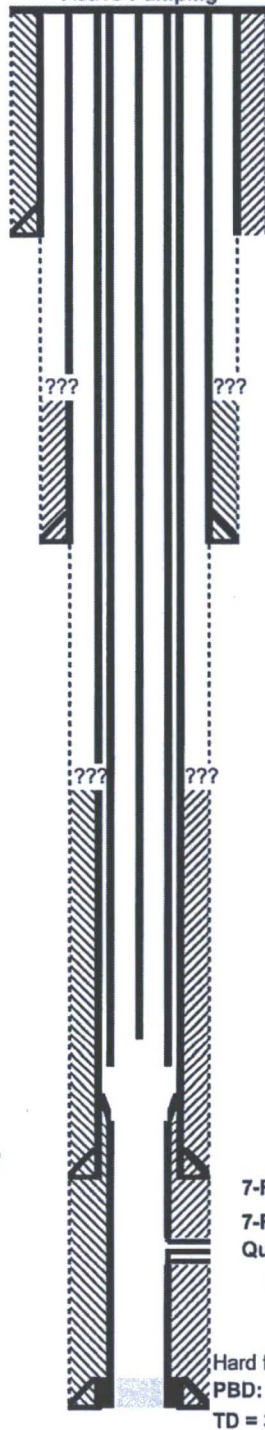
7-5/8" 26# Casing @ 1235'  
with 500 sacks cement

TOC: unknown

Production Casing:  
5-1/2" 14# @2795'  
with 600 sacks

Production Liner:  
4 1/2" 16.60# Liner from 2768-3750'  
@ 3750' in 6" hole  
with 115 sacks

Downhole equipment:  
2-3/8" tbg, API SN 3655.07'  
142x3/4" "D" rods, 2x1-3/8" Flexbar "K"  
sinker bars, 2.0x150 RHBC pump @2615'



7-Rivers Perfs: 3440-3478 (2/00)

7-Rivers Perfs: 3478-90, 3494-3503, 06, 10, 17-26' (1/90)

Queen Perfs: 3542-70, 3576-3614, 3618-3628'

Frac: 20,000 gals Lease oil

Hard fill to 3685'

PBD: 3740'

TD = 3750'



## Lea County, NM

None

W/500 sacks

TOC: unknown

with 600 sacks

with 115 sacks

API # 30-025-09387

**Filled with corrosion inhibited fluid and pressure tested to 500 psi for at least 30 minutes.**

TD = 3750'

