

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  
June 19, 2008

<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 <input type="checkbox"/>	WELL API NO. 30-025-20022
2. Name of Operator Energen Resources Corporation	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 3510 N. "A" St., Bldgs A & B, Midland, TX 79705	6. State Oil & Gas Lease No. 23267
4. Well Location Unit Letter <u>0</u> : <u>600</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>23</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>Lea</u>	7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit
	8. Well Number 6
	9. OGRID Number 162928
	10. Pool name or Wildcat Langlie Mattix 7 RVRS/Queen/GB
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3374' 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 #6.

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

Thank you!

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

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 Brenda Rathjen TITLE Regulatory Analyst DATE 07/06/2017

Type or print name Brenda F. Rathjen E-mail address: Brenda.rathjen@energen.com PHONE 432-688-3323

For State Use Only

APPROVED BY Mary S Brawn TITLE AO/II DATE 7/10/2017

Conditions of Approval (if any):

## **ENERGEN RESOURCES CORPORATION**

**Langlie Lynn Queen Unit #6, API # 30-025-20022**

600' FSL, 1980' FEL  
Sec. 23, T-23-S, R-36-E  
Lea County, NM

The LLQU #6 was completed 12/21/62 as a 7Rivers-Queen producer. The well has failed, was making less than 1 BOPD, 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:	30-025-20022	KB:	3385'	PBTD:	3700'
Spud Date:	12/11/62	GLE:	3374'	TD:	3727'

### **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 @3406', 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 #6

Lea County, NM

API 30-025-20022

Current Conditions: March-2017

Active-Pumping

### Conductor:

None

### Surface Casing:

8-5/8" 24# J-55, ST&C

@ 269' in 11" hole

Cemented to surface

W/150 sx 50/50 Pozmix

GL Elevation: 3374'

KB Elevation: 3385'

Location: 660' FSL, 1980' FEL,  
Sec 23, T-23-S, R-36-E

updated: 3/7/17

### Intermediate Casing:

None

TOC: unknown

Tubing: 114 jts 2-3/8" 4.7# J-55 EUE 8rd

### Rod and Pump:

R&R'd 20-150-HXBC-16-4-SV

2x1-3/4" sinker bars

141x3/4" Grade "D" rods

### Perfs:

3456-72, 82-86 (1/99)

3500-12, 32-56, 66-3600, 3606-12' (1/99)

3550, 55, 68, 76, 81, 86, 94 (12/62)

3601, 11 (12/62)

Frac: 20,000 gal lease oil + 26,000# sand (12/62)

PBD: 3700' (1/99)

TD = 3727'

### Production Casing:

4 1/2" 9.50# J-55 ST&C

@ 3727' in 6-3/4" hole

1100 sx 50/50 Pozmix

50 Sx Regular Cement + Latex



7/3/2017

H:\Central Basin Platform\LLQU\Well Data (all wells)\LLQU #6 TA.xlsx



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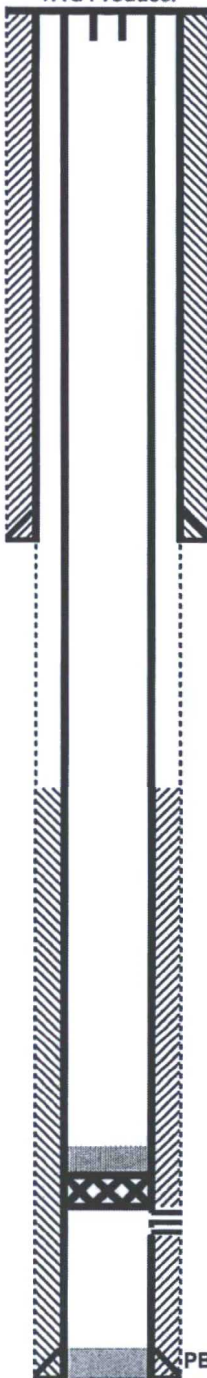
4 1/2" 9.50# J-55 ST&C

@ 3727' in 6-3/4" hole

1100 sx 50/50 Pozmix

50 Sx Regular Cement + Latex

### Proposed Wellbore TA'd Producer



GL Elevation: 3374'

KB Elevation: 3385'

Location: 660' FSL, 1980' FEL,

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

updated: 3/7/17

**Must pass a bradenhead pressure test**

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

4-1/2" CIBP @3406' w/ 25 sx cmt through tbgr  
or 35' w/ bailer

### Perfs:

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