

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

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	WELL API NO. 30-025-20075
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>M</u> : <u>660</u> feet from the <u>South</u> line and <u>660</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>	7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit
	8. Well Number 8
	9. OGRID Number 162928
	10. Pool name or Wildcat Langlie Mattix 7 RVRS/Queen/GB
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3358' 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 #8.

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

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

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 Brenda F. 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 Mailey Brown TITLE AO/II DATE 7/10/2017
Conditions of Approval (if any):

ENERGEN RESOURCES CORPORATION

Langlie Lynn Queen Unit #8, API # 30-025-20075

660' FSL, 660' FWL
Sec. 23, T-23-S, R-36-E
Lea County, NM

The LLQU #8 was completed 1/30/63 as a 7Rivers-Queen producer. The well failed 1/1/17, 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:	30-025-20075	KB:	3370'	PBTD:	3695'
Spud Date:	1/21/63	GLE:	3358'	TD:	3711'

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 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 @3432', 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 #8

Lea County, NM

Updated: 3/7/17

Current Conditions: March 2017

Conductor:

None

Surface Casing:

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

@ 272' in 11" hole

Cemented to surface

W/150 sx 50/50 Pozmix

GL Elevation: 3358'

KB Elevation: 3370'

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

API# 30-025-20075

Intermediate Casing:

None

Tubing:

2-3/8" 4.7# J-55 @ 3647'

SN @ 3641'

TBG Detail

2-3/8" x 4' BPPN

2-3/8" SSSN

1 JT 2-3/8" 4.7# J-55 EUE 8rd TK-99

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

NO TAC

Rod and Pump Detail:

20-150-HXBC-16-4-SV

126" Stroke

.006 Fit Pump

1x1-1/2" Kbar

143 3/4" Grade "D" Rods

2 3/4" x 6' pony rods

1 1/4" spraymetal polish rod w/ no liner

Production Casing:

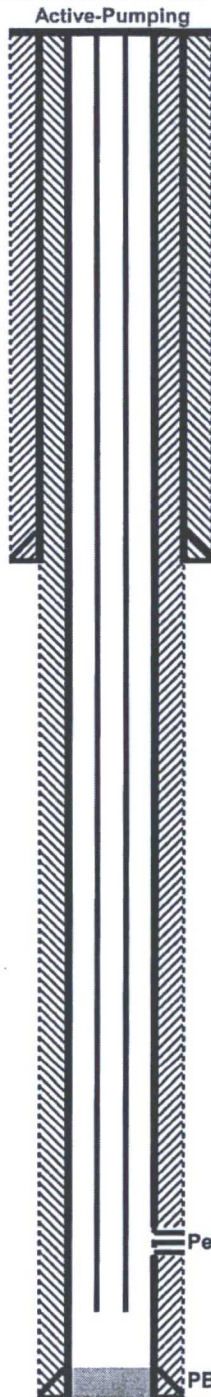
4 1/2" 9.50# J-55 ST&C

@ 3712' in 6-3/4" hole

1876 sx 50/50 Pozmix

50 sx Regular cement + Latex

Cement Circulated



Perfs:

3482-3486, 3502-3506, 3532-3535 44 total holes

3533, 58, 69, 80, 89, 92, 96,

3604, 12, 16, 32, 38, 43, 47, 54, 58, 61, 70, 73'

Frac: 20,000 gal lease oil + 28,000# sand (11/62)

PBD: 3695'

TD = 3712'

Note: Records indicate 18' corroded mud anchor left in hole (8/87)

No attempt made to fish as it is below perfs.

7/3/2017

H:\Central Basin Platform\LLQU\Well Data (all wells)\LLQU #8 TA.xlsx

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Lea County, NM

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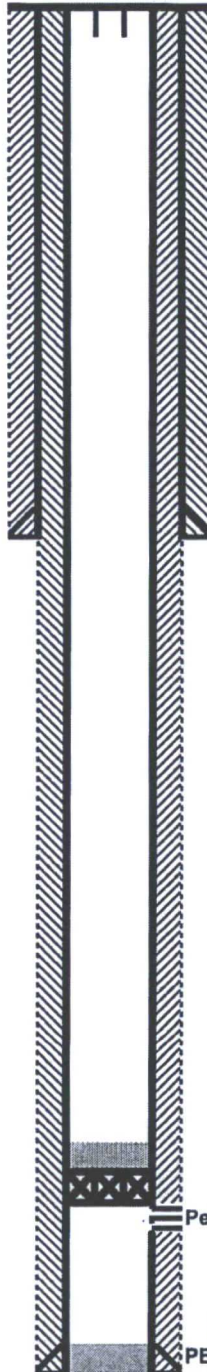
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Proposed Wellbore
TA'd Producer



Updated: 3/7/17

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KB Elevation: 3370'

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

API# 30-025-20075

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 @ 3432 w/ 25 sx cmt through tbg
or 35' cmt bailed

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