

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**Form No.  
NMLC030139B

Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No. 8910123970
2. Name of Operator ENERGEN RESOURCES CORPORATION Contact: BRENDA RATHJEN Email: brenda.rathjen@energen.com		8. Well Name and No. LANGLIE LYNN QN 15
3a. Address 3300 NORTH A STREET BLDG 4 SUITE 100 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-688-3323	9. API Well No. 30-025-21067-00-S1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 26 T23S R36E SWNE 1980FNL 1980FEL		10. Field and Pool or Exploratory Area LANGLIE
		11. County or Parish, State LEA COUNTY, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Request to Temporarily Abandon the LLQU #15.

Proposed procedure attached.

Brenda F. Rathjen  
432-688-3323  
brathjen@energen.com

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #434978 verified by the BLM Well Information System For ENERGEN RESOURCES CORPORATION, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 09/12/2018 (18PP1836SE)</b>	
Name (Printed/Typed) BRENDA RATHJEN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 09/12/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>/s/ Jonathon Shepard</u>	Title <u>Petroleum Engineer</u> <u>Carlsbad Field Office</u>	Date <u>SEP 21 2018</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***msB/OCD  
9/27/2018

**ENERGEN RESOURCES CORPORATION**  
**Langlie Lynn Queen Unit #15, API # 30-025-21067**

1980' FNL, 1980' FEL  
Sec. 26, T-23-S, R-36-E  
Lea County, NM

The LLQU #15 was completed 03/06/1965 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:	30-025-21067	KB:	3355'	PBTD:	3610'
Spud Date:	2/16/65	GLE:	3343'	TD:	3675'

**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 3650' 2-3/8" workstring. Maintain kill truck w/10 ppg brine on location.
- 8 RIH, tag CIBP @3610', and dump bail 35' cmt or 25 sx cmt through tubing. POOH
- 8 RIH, set CIBP @3356', 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 CORP

Langlie Lynn #15

Lea County, New Mexico

Current Condition  
9/11/2018  
Producing

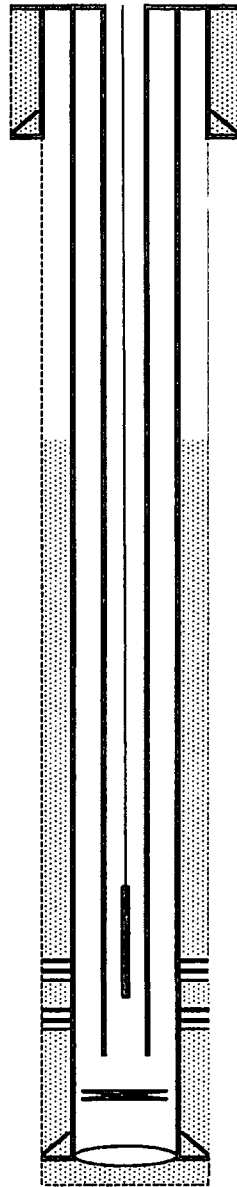
Conductor:  
None

Surface Casing:  
7-5/8" 24# H-40 ST&C casing.  
Set @ 312'. Cement w/ 275 sx  
Class "A" +2% Gel, 2% CaCl<sub>2</sub>  
Circulate 150 sx to surface.

Hole Size: 11"

Production Casing:  
4-1/2" 9.5# J-55 ST&C casing.  
Set @ 3675'. Cement w/ 200  
sx Class "C" + 4% Gel,  
TOC @ 2550'.

Hole Size: 6-3/4"



PBD: 3610'  
TD: 3675'

GL Elevation: 3343'  
KB Elevation: 3355'  
Location: 1980' FNL & 1980' FEL  
Lease: Sec 26-T23S-R36E  
Langlie Lynn Queen  
Drill Permit: No #, issued 2/9/65  
Spud Date: 2/16/1965  
Completed: 3/6/1965  
API: 30-025-21067

## Tubing Detail

112 jts 2-3/8" J-55 4.7# EUE 8rd tubing  
1 jt 2-3/8" TK-99 IPC tubing  
2-3/8" Seating nipple @ 3601'  
1-2-3/8" x 4' BPPN  
10' KB corrected EOT @ 3606'

## Rod String

1" x 12" strainer nipple  
20-125-RXBC-12-4-4-SV .006 fit  
126" stroke, pump # QH-2051  
129 - 3/4" grade "D" rods  
1-3/4" x 8'  
1-3/4" x 6' pony rods  
1-1/4" x 22' polish rod

TOC @ 2550'

Formation Record:  
Rustler - 1164'  
Yates - 2910'  
Seven Rivers - 3140'  
Queen - 3518'

Seven Rivers - 3416-3504'

Queen - 3542-3595'

CIPB - 3610'

Updated: M.Evans 09-11-2018



# **BUREAU OF LAND MANAGEMENT**

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

## **Temporary Abandonment of Wells on Federal Lands Conditions of Approval**

**Definition:** A temporarily abandoned well is a completion that is not capable of production in paying quantities but which may have future value. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

**Note:** TA status "will be effective for a period up to 1 year from the date of NOI approval and can be renewed annually thereafter" per IM NM-2016-017.

1. A bridge plug (CIBP) or packer must be installed 50 to 100 feet above any open perforations or open hole. A CIBP must be capped with either a minimum of 25 sacks of cement if placed with tubing or 35 feet of cement if placed with a bailer. The top of the cement must be verified by tagging.
2. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. If the well does not pass the casing integrity test, then the operator shall, within 30 days, submit a procedure to either repair the casing or to plug and abandon the well.
3. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
4. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if it is not isolated by a packer.
5. A bradenhead test must be conducted. If the test indicates a problem, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
6. Submit a subsequent Sundry Notice (Form 3160-5) with the following information:
  - a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.
  - b. A description of the temporary abandonment procedure.
  - c. A clear copy or the original of the pressure test chart.