

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

Carlsbad Field Office
OCD Hobbs

No.
NMLC030139B

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

HOBBS OCD

7. If Unit or CA/Agreement, Name and/or No.
8910123970

1. Type of Well
 Oil Well Gas Well Other

SEP 26 2018

8. Well Name and No.
LANGLIE LYNN QN 15

2. Name of Operator
ENERGEN RESOURCES CORPORATION

Contact: BRENDA RATHJEN
Email: brenda.rathjen@energen.com

RECEIVED

9. API Well No.
30-025-21067-00-S1

3a. Address
3300 NORTH A STREET BLDG 4 SUITE 100
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-688-3323

10. Field and Pool or Exploratory Area
LANGLIE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 26 T23S R36E SWNE 1980FNL 1980FEL

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.

**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)**

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 Is/ Jonathon Shepard

Title Petroleum Engineer
Carlsbad Field Office

Date SEP 21 2018

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 ****

*MAB/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

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

Current Condition
 9/11/2018
Producing

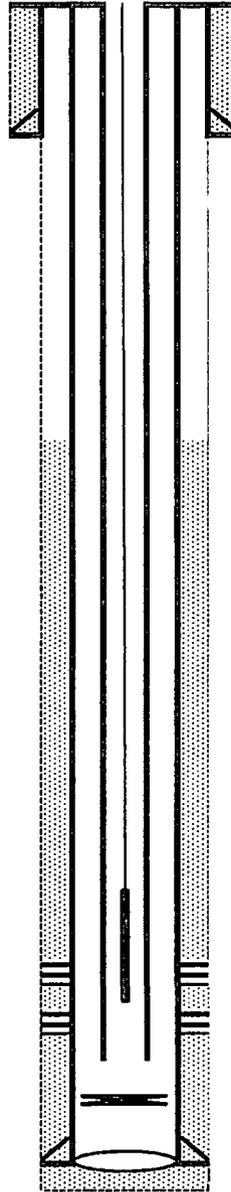
Conductor:
 None

Surface Casing:
 7-5/8" 24# H-40 ST&C casing.
 Set @ 312'. Cement w/ 275 sx
 Class "A" +2% Gel, 2% CaCl2
 Circulate 150 sx to surface.

Hole Size: 11"

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'

PBD: 3610'
 TD: 3675'

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"

Updated: M.Evans 09-11-2018

ENERGEN RESOURCES CORP

Langlie Lynn #15

Lea County, New Mexico

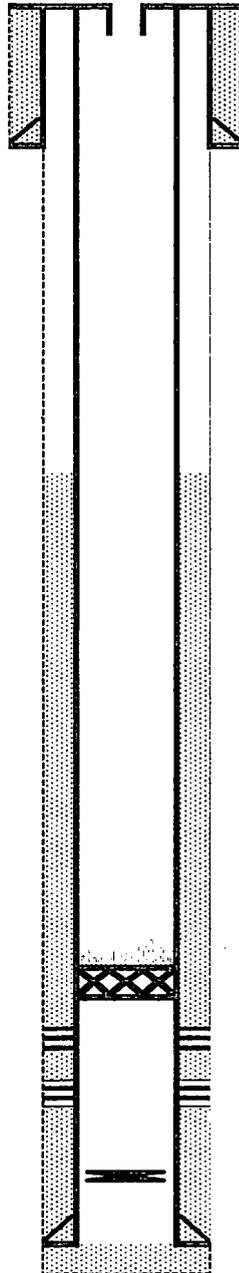
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Location: 1980' FNL & 1980' FEL
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Drill Permit: No #, issued 2/9/65
Spud Date: 2/16/1965
Completed: 3/6/1965
API: 30-025-21067

Conductor:
None

Surface Casing:
7-5/8" 24# H-40 ST&C casing.
Set @ 312'. Cement w/ 275 sx
Class "A" +2% Gel, 2% CaCl₂
Circulate 150 sx to surface.

Hole Size: 11"

Proposed Wellbore
TA'dProducer



Must pass a bradenhead pressure test

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

TOC @ 2550'

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

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"

4-1/2" CIBP @3356' w/ 25 sx cmt through tbg
or 35' w/ bailer

Seven Rivers - 3416-3504'

Queen - 3542-3595'

CIBP - 3610'

PBTD: 3610'
TD: 3675'

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.