

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. 30-025-11531
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 24695
7. Lease Name or Unit Agreement Name: Stuart Langlie Mattix Unit
8. Well Number 121
9. OGRID Number 162928
10. Pool name or Wildcat Langlie Mattix 7 RVRS Queen Grayburg

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 FOR SUCH
PROPOSALS.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other
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 I : 1650 feet from the SOUTH line and 990 feet from the EAST line Section 10 Township 25S Range 37E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3119' 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. ☐
CASING/CEMENT JOB ☐ INT TO P&A ☒
P&A NR _____
P&A R _____

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.

See attached PROPOSED P&A Procedure.

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 Rathjen TITLE Regulatory Analyst DATE 07/31/2017
brenda.rathjen@energen.com
Type or print name Brenda F Rathjen E-mail address: _____ PHONE 432-688-3323

For State Use Only

APPROVED BY Mahli Litchman TITLE Petroleum Engr. Specialist DATE 08/01/2017
Conditions of Approval (if any): _____

ENERGEN RESOURCES CORPORATION

SLMU 121, API # 30-025-11531

AFE # PB17500200, \$45,000

1650' FSL, 990' FEL

Sec. 10, T-25-S, R-37-E

Lea County, NM

The SLMU 121 was completed May, 1937, as a 7R-Q-Grayburg producer, open hole from 3290'-3469'. It was shut-in 2/28/2017 with a downhole failure, casing leak, and production of less than 1 BOPD. It is not economic to repair, and needs to be P&A'd.

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

API:	30-025-11531	KB:	PBTD: 3469'
Completion:	5/1/1937	GLE: 3119'	TD: 3469'

Plug and 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 P&A operations

Meet with engineer, superintendents, and consultant prior to beginning the job, to assure that everyone is agreement with the procedure.

Bid as a turnkey project.

- 1 MIRU Well Service Unit.
- 2 Bleed well down.
- 3 NDWH
- 4 NU adapter flange and BOP for 7" csg and 2-3/8" tubing. Test to 500 psi above working pressure.
- 5 POOH and LD production string.
- 6 Unload and rack 3,500' 2-7/8" workstring. Maintain kill truck w/10 ppg brine on location.
- 7 NU adapter flange and BOP for 7" csg and 2-7/8" tubing. Test to 500 psi above working pressure.
- 8 RIH, set CIBP @3,210', with 35 sx 6" cmt through tubing.
- 9 RIH w/ workstring and packer. Tag cmt above CIBP.
- 10 RIH with workstring. Circulate hole to 10 ppg mud. Pressure test csg to 500 psi.
- 11 Perforate and squeeze at 2415' w/ 30 sxs cement plug and displace to 2300'
- 12 WOC and tag.
- 13 Perforate and squeeze at 1250' w/ 60 sxs cement plug and displace to 1120'.
- 14 WOC and tag.
- 15 Pef and squeeze cmt from 315' to surface.
- 16 ND BOP. Top off well with cement. Verify cement to surface all strings.
- 17 RD and clean location.
- 18 Cut off all casing strings at base of cellar or 3' below restored ground level. *Verify cmt to surface all strings*
- 19 Cover wellbore with metal plate welded in place or with cement cap.
- 20 Erect capped abandonment marker inscribed with well information.
- 21 Cut off dead man anchors and fill in cellar. RDMO.
- 22 Clean and restore location to natural condition and fulfill any and all regulatory requirements.

ENERGEN RESOURCES

Stuart Langlie Mattix Unit #121

Lea County, NM

Current Conditions: 06/22/2017

GL Elevation: 3119'

KB Elevation:

Location: 1650' FSL X 990' FEL

Sec 10, T-25-S, R-37-E

Spud: Completed: MAY, 1937

API No: 30-025-11531

Conductor:

None

Surface Casing:

12-1/2" @ 224'

Hole Size: Unknown

Cemented to surface

w/ 300 sx

Intermediate Casing:

9-5/8", @ 1170'

Hole Size:

Cemented w/ 300 sx

TOC: Unknown

Production Casing:

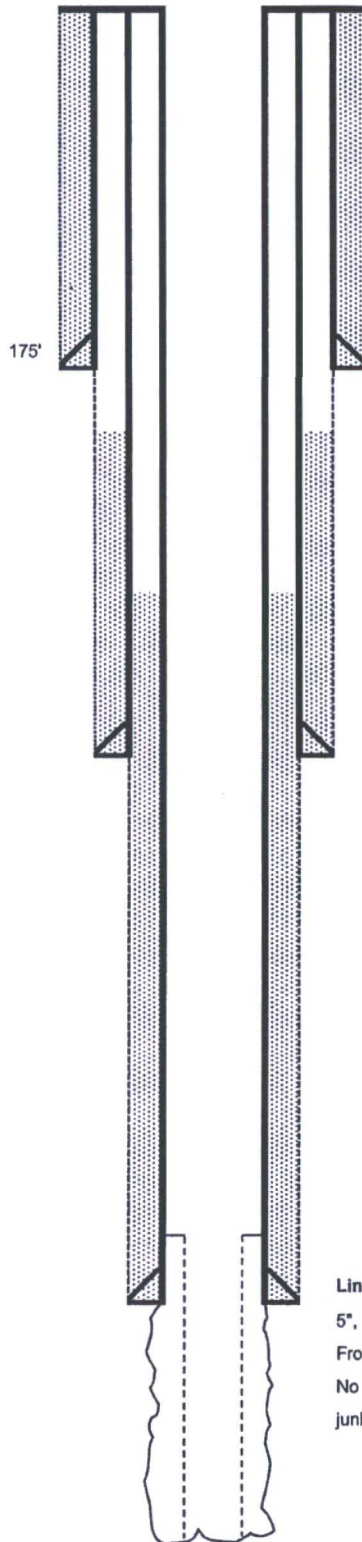
7" @ 3290'

Cemented w/ 250 sx

TOC: Unknown

open-hole to 3469'

6" hole



TOC: Unknown

TOC: Unknown

2-3/8" tbg, SN 3417',
1291' 7/8" D. 1850' 3/4" D.,
250' 7/8" D rods
20-150-RHBC-12-4-SV pump

Liner:

5", 14.87# Slotted Liner
From 3266' - 3469', bottom 100' slotted
No Cement, Texas pattern shoe on top
junk between OH & liner

7-Rivers - Queen - Grayburg

TD: 3469'

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Hole Size:

Cemented w/ 300 sx

TOC: Unknown

Production Casing:

7" @ 3290'

Cemented w/ 250 sx

TOC: Unknown

open-hole to 3469'

6" hole

After P&A

