

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

HOBBS OCD
 FEB 09 2017
 RECEIVED

WELL API NO. 30-025-01147
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 027815
7. Lease Name or Unit Agreement Name: State "J"
8. Well Number 4
9. OGRID Number 162928
10. Pool name or Wildcat Saunders, Permo Penn
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4195' GL

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 Gas Well 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 E : 1980 feet from the North line and 660 feet from the West line
 Section 23 Township 14-S Range 33-E NMPM County Lea

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
 COMMENCE DRILLING OPNS.
 CASING/CEMENT JOB
 OTHER:

INT TO PA PMX
 P&A NR _____
 P&A R _____

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 Plug and Abandon Procedure.

NOTIFY OCD 24 HOURS PRIOR TO
 BEGINNING PLUGGING OPERATIONS

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 02/06/2017
 Type or print name Brenda F Rathjen E-mail address: brenda.rathjen@energen.com PHONE 432-688-3323

For State Use Only
 APPROVED BY Mark W. Dittman TITLE Petroleum Engr. Specialist DATE 02/09/2017
 Conditions of Approval (if any):

ENERGEN

STATE -J- 4, API # 30-025-01147

AFE # PB17500073, \$75,000

1980' FNL & 660' FWL

Sec. 23, T-14-S, R-33-E

Lea County, NM

The State -J- 4 was spud 08/17/58, and was completed 09/24/28 as a Permo-Penn producer, with additional Permo-Penn perms added in 1961. It has been shut-in since August, 2016 after a downhole failure. The well was making less than 1 BOPD at the time. This was the last active well on the lease. It is not economical to repair and needs to be plugged and abandoned. This lease, NM002214-00R, will expire, and all surface facilities will need to be remediated.

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

API: 30-025-01147 KB: 4205' PBDT: 9942'
Spud Date: 8/17/1958 GLE: 4195' TD: 9950'

Proposed 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.

- 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 8-5/8" csg and 2-3/8" tubing. Test to 500 psi above working pressure.
- 6 Unset TAC. POOH w/ tbg.
- 7 Unload and rack 10,000' 2-7/8" workstring. Maintain kill truck w/10 ppg brine on location.
- 8 Change BOP rams to 2-7/8" tbg
- 9 RIH, set CIBP @9700'. Dump bail 5 sx Class 'H' cmt (or 25 sx through tubing) on top CIBP.
- 10 RIH with workstring. Circulate hole to 10 ppg mud.
- 11 Pressure test csg.
- 12 Perforate and squeeze at 7400' w/ 30 sx cement plug and displace to 7300'. (Tubb)
- 13 WOC and tag.
- 14 ~~Perforate and squeeze at 4219' w/ 40 sx cement plug and displace to 4119'. (shoe)~~
- 15 ~~Perforate and squeeze at 4096' w/ 40 sx cement plug and displace to 3996'. (liner top)~~
- 16 Spot 25 sx Class "C" cmt @ 3000', base of salt sections
- 17 ~~Spot 25 sx Class "C" cmt @ 2000' top of salt sections~~ ← WOC & TAG
- 18 ~~Spot Class "C" cmt from 350' to surface (shoe).~~ ← 1700' Circ to surface
- 19 ND BOP. Top off well with cement. RD and clean location.
- 20 Verify cmt to surface all strings.
- 21 Cut off all casing strings at base of cellar or 3' below restored ground level.
- 22 Cover wellbore with metal plate welded in place or with cement cap.
- 23 Erect capped abandonment marker inscribed with well information.
- 24 Cut off dead man anchors and fill in cellar. RDMO.
- 25 Clean and restore location and facilities to natural condition and fulfill any and all regulatory requirements.

SPOT 50 SX CMT
@ 4300' WOC & TAG
at 3990' or better

ENERGEN

State J-4

Spud: 08/17/58

LEA COUNTY, NM

Field:
Saunders Permo-Penn
Conductor:
None

Surface Casing:

13-3/8", 36# @ 295' in 17-1/2" hole w/ 250 sx (circ)

Intermediate Casing:

8-5/8", 24#, J-55 @4169' in 11" hole w/ 1500 sx, TOC 2036' by TOC

Production Casing (Liner):

5-1/2", 17# liner (4046'-9949') in 7-7/8" hole w/ 600 sx around shoe, sqz TOL w/ 200sx

Mud anchor, TOF 9910'

KRP 020217

GL Elevation: 4195'

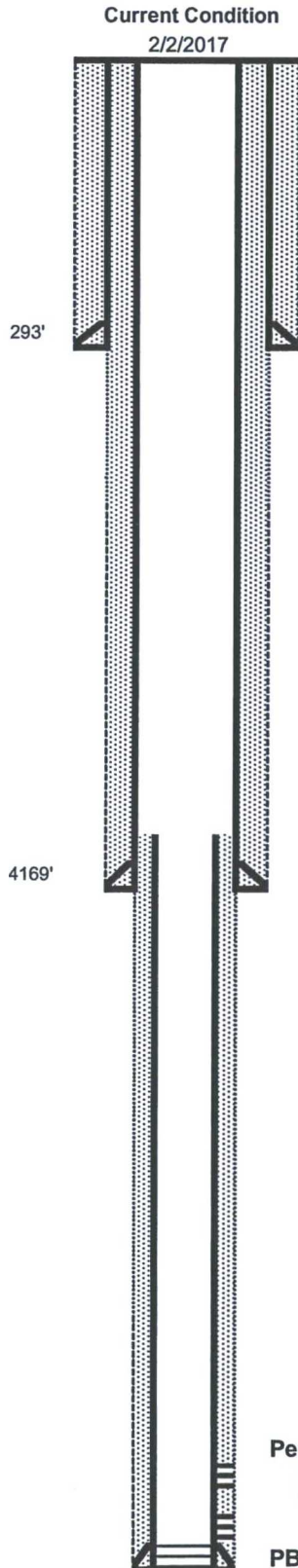
KB Elevation: 4205'

Location: 1980' FNL, 660' FWL

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2-3/8 tbg, SN 9799, TAC 9796, EOT 9834', 1-1/4" PR, 4771' 1" FG, 2150' 7/8" D rods, 2425' 3/4" D rods, 475' 7/8" rods, 1.25" pump 9846'

Penn Perfs:
9765-9791'
9808-9923'

PBTD: 9912'

TD: 9918'

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