

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  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|   |
|---|
| WELL API NO.<br>30-025-34073  |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>21108   |

**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:<br>Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>   | 7. Lease Name or Unit Agreement Name:<br>Snyder A Com #1 |
| 2. Name of Operator<br>Energen Resources Corporation  | 8. Well Number<br>1                                      |
| 3. Address of Operator<br>3300 North A Street, Bldg. 4, Ste. 100 Midland, TX 79705  | 9. OGRID Number<br>162928                                |
| 4. Well Location<br>Unit Letter <u>U</u> : <u>990</u> feet from the <u>South</u> line and <u>874</u> feet from the <u>West</u> line<br>Section <u>6</u> Township <u>16-S</u> Range <u>36-E</u> NMPM County <u>Lea</u>   | 10. Pool name or Wildcat<br>Shoe Bar; Strawn, Northeast  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3956' GR, 3976' KB  |  |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/><br>Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____<br>Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____ |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

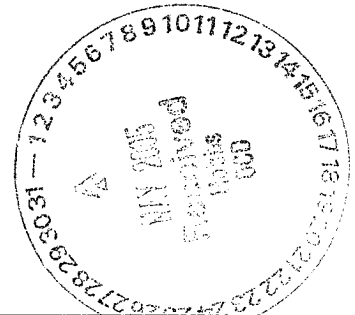
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: Repair casing leak ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND 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.

See attached procedure.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Carolyn Larson TITLE Regulatory Analyst DATE 5-26-05

Type or print name Carolyn Larson

E-mail address:

clarson@energen.com

Telephone No. (432) 684-3693

For State Use Only

APPROVED BY Hayden Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAY 31 2005

Conditions of Approval, if any:

# ***ENERGEN RESOURCES CORPORATION***

**Snyder A Com #1**  
990' FSL and 874' FWL  
Sec 6, T-16-S, R-36-E  
Lea, Co. NM  
Shoe Bar Strawn Field  
Repair Casing Leak

1. MIRU Pulling Unit
2. Install BOPE.
3. RU wireline co. RIH w/MicroVertilog. Run log from plug back to 4500'. POOH.
4. RIH w/packer and 2-3/8" tubing. Hydrotest tubing to 7000 psi while going in hole. Circulate 3 sx sand on top of CIPB. Pressure test CIBP to 1000 psi
5. RIH w/cement retainer. Set retainer above collapsed casing. Test tubing to 5000 psi. Squeeze collapsed casing per service company recommendation. POOH
6. RIH w/pkr and isolate casing leak.
7. Perforate 5-1/2" casing 100' above cement on top of retainer.
8. RIH w/pkr and set above perforations and establish pump in rate. Keep tbg/csg annulus closed and bradenhead open to determine if well can be circulated.
9. RIH w/cement retainer. Set retainer at 100' above perforations. Test tubing to 5000 psig.
10. Cement casing per service company recommendation bringing cement to below casing leak.
11. Sting out of retainer, reverse circulate tubing clean and POOH
12. RIH w/cement retainer. Set retainer at 100' above casing leak. Test tubing to 5000 psi. Test casing to 500 psi
13. Cement casing per service company recommendation bringing cement to 200' above intermediate casing shoe.
14. RIH w/4-3/4" bit, 6 3-1/2" DC's and 2-7/8" tubing. Drill out cement and first retainer through casing leak. Pressure test casing to 500 psi. Drill out cement and 2<sup>nd</sup> retainer. Pressure test casing to 500 psi. Drill out cement and 3<sup>rd</sup> retainer. Pressure test casing to 500 psi. Drill out CIBP. Drill out cement from 11465-11477' and clean out to PBTD of 11633'. Circulate hole clean and POOH.
15. RU wireline. RIH w/CBL/GR/CCL from original TOC to new TOC. POOH.

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Repair Casing Leak

16. RIH w/ packer, SN and 2-7/8" tubing. Set packer at 11400'.
17. Pump emulsion breaker.
18. Rig up swab and swab test well
19. Acidize perms 10446-64' per service company recommendation.
20. Rig up swab and swab test well
21. Release pkr and POOH.
22. RIH with production equipment.
23. RD pulling unit