

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. 30-039-24077
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Carracas Mesa 14
8. Well Number 1
9. OGRID Number 162928
10. Pool name or Wildcat Basin Fruitland Coal/Carracas PC

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator Energen Resources Corporation
3. Address of Operator 2010 Afton Place, Farmington, NM 87401
4. Well Location Unit Letter <u>D</u> : <u>1100'</u> feet from the <u>North</u> line and <u>1100'</u> feet from the <u>West</u> line Section <u>14</u> Township <u>32N</u> Range <u>04W</u> NMPM County <u>Rio Arriba</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6270' 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. ☐ P AND A ☒  
CASING/CEMENT JOB ☐ RCD OCT 17'14  
OIL CONS. DIV.  
DIST. 3

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.

Energen Resources permanently plugged and abandoned the Carracas Mesa 14 #1 according to the attached report.

See attached for the work performed.

PNR Only

Approved for plugging of wellbore only.  
Liability under bond is retained pending  
Receipt of C-103 (Subsequent Report of Well  
Plugging) which may be found @ OCD web  
page under forms  
www.emnrd.state.us/oed

Spud Date:

9/16/88

Rig Release Date:

10/10/14

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patsy Berger TITLE Sr. Production Assistant DATE 10/16/2014  
Type or print name Patsy Berger E-mail address: pberger@energen.com PHONE 505-325-6800

For State Use Only

APPROVED BY Barb Roll TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE 10/24/14  
Conditions of Approval (if any): AV

## Energen Resources

Carracas Mesa 14 #1  
30-039-20477

10/6/14 MIRU. RU change pipe rams to 2-7/8". RU Wellcheck to test BOP. Test all valves, flanges, blind pipe rams individually to 3000#/10 min's & 250#/5 min's. Tested O.K. ND upper tree. NU BOP. Strap 2-7/8" tbgr. run out of hole. RU A Plus Wireline & run 7" gauge ring to 2760'. PU perforating gun set on depth & perf 4 holes phased 90 deg @ 2750'. SDFN.

10/7/14 Standby, wait on orders from NMOCD.

10/8/14 RU A Plus Wireline, RIH W/gauge ring to 2820'. PU 7" CIBP & set @2800'. RD Wireline. PU Select Oil Tools 7" CMT RTR & RIH on 2-7/8" TBG. Set CMT RTR @ 2740', load tbgr. w/12 bbl's. TBG would not test. Test RTR open & close. CMT RTR started traveling up hole. Pulled RTR up to 2730' & it set @ 2730'. RU A Plus. Test tbgr to 2000# - O.K. String out load 2-7/8" x 7" annulus w/80 bbl's & pressure test to 250# - O.K. String into RTR, could not establish an injection rate. Pressure up to 2000# several times, would bleed of a little faster each time. Last time bled to 0# 1 min. NMOCD said just spot the 100 sx on top of the RTR. Proceeded cmt w/5 bbl's of fresh water then mixed and spot 100 sx/118 CuFt/20.6 bbl's of Class "B" cmt w/2% CaC12 on top of CMT RTR from 2730' to +/- 2204' & displaced w/ 12 bbls of water. First Plug finished at 14:20 hr's. WOC 4Hr's. RD A Plus. LD 22 jt's of 2-7/8" tbgr & TOOH, LD setting tool, PU 6-1/4" used milled TOOTH bit & bit sub & RIH w/ 20 std's of 2-7/8" EOT @ +/- 1260'. SDFN @ 16:00 hrs. Note: Paul Wiebe w/ NMOCD was on location & verified all volumes, depths & procedures.

10/9/14 All water is 2% KCl & has 2 gal's 1000 Biocide except for CMT mix with fresh water. TIH w/6-1/4" bit. Tag CMT @ 2266'. NMOCD Rep. - need to spot more CMT to bring TOC to at least 2204'. Informed by NMOCD that they are having second thoughts about plugging procedures. W.O.O. Paul Wiebe w/NMOCD was on location & verified all volumes, depths & procedures.

BP  
After OGD office was made aware of CIBP not in original procedure. CIBP was set prior to OGD inspector being onsite.

10/10/14 Press test 1<sup>st</sup> CMT plug to (2730' - 2066') to 350#/5min's - O.K. EOT @ 2048', (Approved by NMOCD). RU A-Plus mix & pump 19 sx/22.5 CuFt/3.9 BBL's of Class "B" CMT @ 15.6 PPG. Displ w/12 bbl's (Plug from 2048' - 1948') 2<sup>nd</sup> CMT plug finished @ 9:40 hrs. RD A-Plus, LD 40 jt's of 2-7/8" tbgr., then TOOH w/remaining tbgr. LD 6-1/4" Bit & Bit sub. RU A-Plus wire line RIH & perf 4 holes phased 90 deg @ 1050'. RU A-Plus CMT attempt to pump into perf's - Pressure walked up to 2000# then bled down very slowly. NMOCD recommended re-perfing @ 1010' perf'ed 4-90 deg phased holes @ 1010'. Attempt to establish an injection rate - same result as before. Brandon Powell w/ NMOCD authorized setting an internal plug from 1100' to 900'. RD A-Plus. RIH w/ 2-7/8" tbgr open ended to 1127'. RU A-Plus CMT pump. Mix & pump 43 sx / 50.7 Cuft / 8.8 bbl's of Class "B" CMT @ 15.6 ppg. Displaced w/5.2 bbl's water. 3<sup>rd</sup> CMT plug finished @ 13.20 hrs. Plug spotted from 1127' to 902'. RD A-Plus & LD all 2-7/8" tbgr. RU A-Plus wireline & perf 4 holes phased 90 deg @ 419'. RD wireline, RU CMT pump attempt to establish an injection rate DN CSG pressure up to 1750#. Bled Back - recovered all fluid pumped. Attempt to pump in Bradenhead - pressure up immediately. Brandon Powell w/ NMOCD authorized setting an internal plug 469' - surface. RD wireline, PU

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15 jts of 2-7/8" tbg & RIH to 471'. RU A Plus CMT pump, mix & pump 100 sx/118 Cuft / 20.6 bbls of Class "B" CMT @ 15.6 ppg. Circulate 1 bbl of good CMT to surface. NMOCD Rep. – O.K. Plug spotted from 471' to surface. 4<sup>th</sup> & Final CMT plug finished @ 15:15 hrs. RD A-Plus, Ld 15 jts of 2-7/8" tbg. A-Plus topped of csg w/ 1 bbl/5.71Cuft/5sx of Class "B" CMT @ 15.6 ppg. (Total VOL for 4<sup>th</sup> / Final CMT plug – 105 sx/123.7 Cuft /21.6 bbls). RD floor & ND BOP. Set dry hole marker. Rig released on 10/10/14.