

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. 30-045-35641
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Crow Mesa 24-08 2
8. Well Number 4H
9. OGRID Number 162928
10. Pool name or Wildcat Dufers Point-Gallup Dakota

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7318' GL
2. Name of Operator ENERGEN RESOURCES CORPORATION	
3. Address of Operator 2010 Afton Place, Farmington NM 87401	
4. Well Location Unit Letter I : 1370 feet from the South line and 507 feet from the East line Section 2 Township 24N Range 8W NMPM County San Juan	

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 ☐

OTHER: **Measurement Installation** ☒

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.

Please see attached for measurement installation...

OIL CONS. DIV DIST. 3

* Filed on incorrect form. File a complete NOV 20 2015
C-106 packet for approval.

Spud Date: 8/10/15	Rig Release Date: 11/17/15
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Theresa McAndrews* TITLE Production Supervisor DATE 11/18/15
Type or print name Theresa McAndrews E-mail address: tmcandre@energen.com PHONE 505-324-4168

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____
Conditions of Approval (if any):



Crow Mesa 24-08 2 #3H (3004535642)
UL I, Section 2- 24N-8W

Energen Resources respectfully requests authorization to install a gas lift measurement system on the above well as part of our artificial lift operations. In addition to the gas lift installation, we also propose to use a Lease Automatic Custody Transfer (LACT) measurement system using a Coriolis meter. All meters will be calibrated upon installation and quarterly thereafter per BLM Onshore Order and OCD requirements. Oil production from this well will be measured and reported using a Coriolis meter installed on the separator outlet before being combined in storage tanks with production from the Crow Mesa 24-08 2 #4H well (3004535641). Both of these wells are on a common lease. Before oil is sold, production will be sampled for BS&W and then measured using a LACT Coriolis meter. Any oil that does not meet contract sales specification will be rejected and circulated back to the facility's heater treater for re-processing.

The gas measurement skid will utilize both a sales and buy back metering system. Each skid (one per well - two total) will measure gas from each individual well and when necessary, buy back gas from the pipeline for workovers and well start-up operations. In addition, each skid will be equipped with four check valves, one upstream and the other downstream of each meter to provide one directional flow and prevent gas bypass.

Attached for your review is a detailed process flow and measurement diagram and production reporting methodology for the above well. Because this well is located on the same well pad as the Crow Mesa 24-08 2 #4H, both process flows were provided for your reference. Utilizing this method of measurement will allow Energen to optimize well performance and maximize oil and gas recovery while maintaining the measurement accuracy and reporting requirements outlined in the Division regulations.

PROCESS FLOW DIAGRAM

Crow Mesa 24-08 2 #3H & 4H wells : 2 Well Pad
Energen Resources

