

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. 30-039-31309
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: Many Canyons 24-03 8
8. Well Number #4H
9. OGRID Number 162928
10. Pool name or Wildcat West Lindrith 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.) 6878' GL
2. Name of Operator Energen Resources Corporation	
3. Address of Operator 2010 Afton Place, Farmington, NM 87401	
4. Well Location Unit Letter P : 1230 feet from the South line and 716 feet from the East line Section 8 Township 24N Range 03W NMPM County Rio Arriba	

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: Measurement Installment ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OIL CONS. DIV DIST. 3

AUG 21 2015

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 is hereby requesting authorization to install a gas lift artificial lift and measurement system on the subject well. Meters will be calibrated upon installation and quarterly thereafter. The gas measurement skid will utilize both a sales and buy back metering system. Four check valves will be installed, one upstream and the other downstream of each orifice meter to prevent gas by-pass. Attached for your review is a detailed process flow diagram and measurement and reporting methodology. Utilizing this method of artificial lift and measurement will allow Energen to optimize well performance and maximize oil and gas recovery while maintaining system measurement accuracy and production accountability. ** if purchased gas is used for more than completion activities more permitting may be required.*

Spud Date:

07/01/15

Rig Release Date:

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

SIGNATURE Anna Stotts TITLE Regulatory Analyst DATE 8/20/15

astotts@energen.com

Type or print name Anna Stotts E-mail address: astotts@energen.com PHONE 324-4154

For State Use Only

APPROVED BY Bob Roll DEPUTY OIL & GAS INSPECTOR TITLE DISTRICT #3 DATE 9/31/15

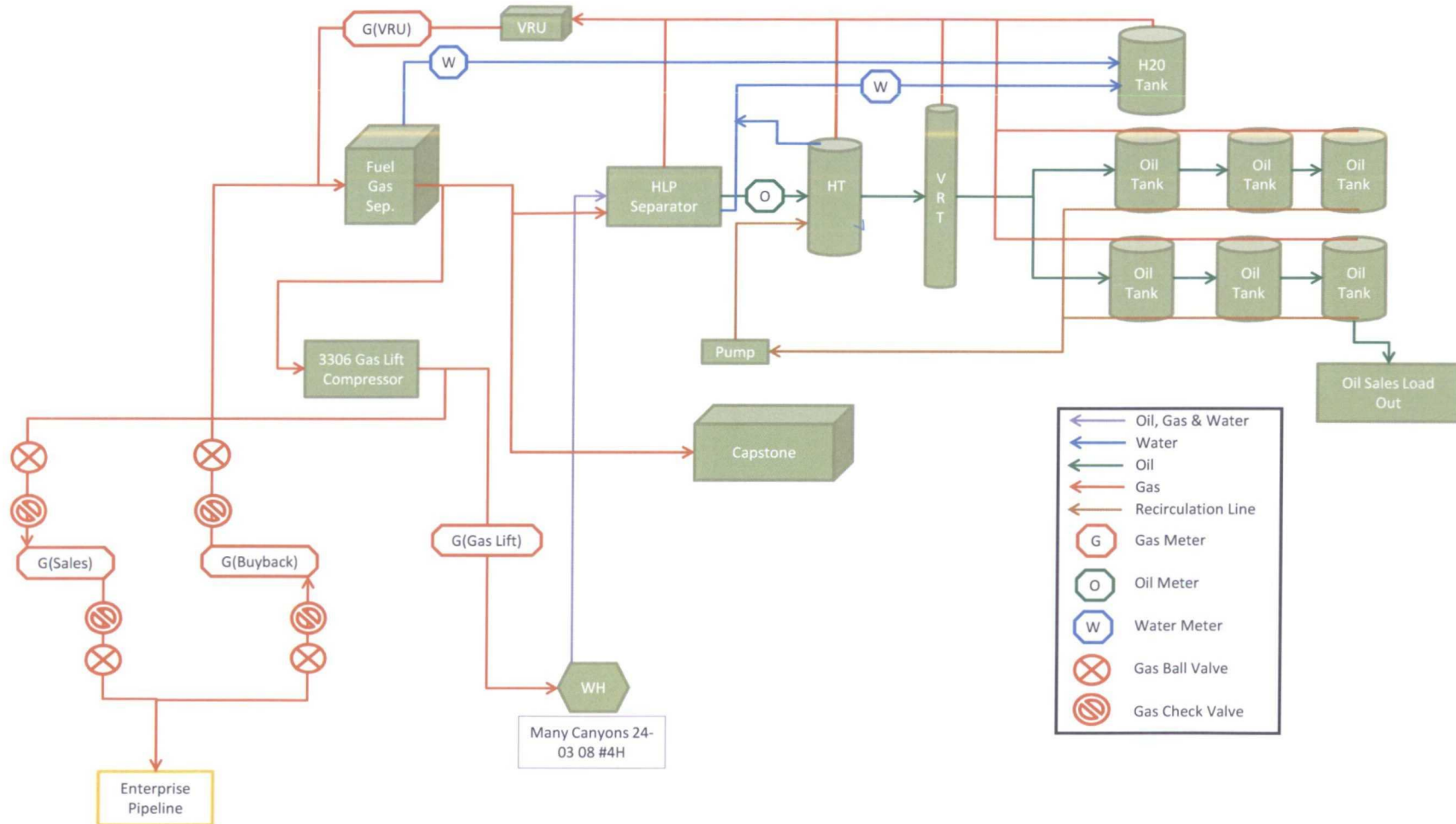
Conditions of Approval (if any): ** See above*

AV

PROCESS FLOW DIAGRAM

Many Canyons 24-03 08 #4H

Energen Resources



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GL1 = Gas volume for gas lift injection
S1 = Gas volume from sales allocation meter
BB1 = Gas volume from buyback meter for gas lift
B = On lease fuel
C = Purged/vented gas

Ball valve
Check valve

SG = Sales gas production for facility
TGp = Total gas production

$SG = (S1 - BB1)$
 $TGp = (S1 - BB1) + B + C$

The diagram illustrates the gas production and injection process. It starts with 'Tanks' which feed into a 'VRU' (Valve Regulating Unit). The 'VRU' feeds into a 'VRU Gas Meter'. From the 'VRU Gas Meter', the flow splits into three paths: 1) 'Gas Sales' (labeled S1), which goes through a ball valve and a check valve to the 'Enterprise Pipeline'. 2) 'On lease Fuel' (labeled B) and 'Purged/Vented Gas' (labeled C), which go through a ball valve and a check valve to the 'Compressor'. 3) 'Well Injection Meter' (labeled GL1), which goes through a ball valve and a check valve to the 'Compressor'. The 'Compressor' feeds into the 'Well Injection Meter', which then feeds into 'Many Canyons 24-03 08 #4H'. A legend defines the symbols: a circle with an 'X' for a ball valve and a circle with a line for a check valve. A table defines the variables: S1 is Gas volume from sales allocation meter, BB1 is Gas volume from buyback meter for gas lift, B is On lease fuel, C is Purged/vented gas, SG is Sales gas production for facility, and TGp is Total gas production. The formulas are: $SG = (S1 - BB1)$ and $TGp = (S1 - BB1) + B + C$.