

Submit 1 Copy To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 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  
 October 13, 2009

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

WELL API NO. 30-025-42141
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 West Pearl 36 State Com
8. Well Number 6H
9. OGRID Number 229137
10. Pool name or Wildcat Lea; Bone Spring

**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  
COG Operating LLC

3. Address of Operator  
2208 W. Main Street, Artesia, NM 88210

4. Well Location  
 Unit Letter D : 410' feet from the North line and 410' feet from the West line  
 Section 36 Township 19S Range 34E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3724.3'

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

<p><b>NOTICE OF INTENTION TO:</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>DOWNHOLE COMMINGLE <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests approval for the following drilling changes to the original approved APD.  
 Drilling program attached.

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 Mate Reyes TITLE: Regulatory Analyst DATE: 6/2/2015  
 Type or print name: Máyte Reyes E-mail address: mreyes1@conchoresources.com PHONE: (575) 748-6945  
**For State Use Only**  
 APPROVED BY: [Signature] TITLE: Petroleum Engineer DATE: 06/09/15  
 Conditions of Approval (if any):

JUN 08 2015

**West Pearl 36 State Com #6H**  
**API: 30-025-42141**

**Casing and Cement**

<u>String</u>	<u>Hole Size</u>	<u>Csg OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	17-1/2"	13-3/8"	54.5	1880'	1200	0'
Intermediate	12-1/4"	9-5/8"	36	3600'	910	0'
Production	8-3/4"	5-1/2"	17	15232'	2300	0'

**Well Plan**

Drill 17-1/2" hole to ~1880' w/ fresh water spud mud. Run 13-3/8" 54.5# J55 STC casing to TD and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl<sub>2</sub> to cement to surface, if necessary.

Drill 12-1/4" hole to ~3600' with saturated brine water. Run 9-5/8" 36# J55 LTC casing to TD. Plan to circulate cement in one stage.

Drill 8-3/4" vertical hole, curve and lateral to 15232' with cut brine. Run 5-1/2" 17# P110 LTC casing to TD and cement to surface in one stage.

**Well Control**

<b>Type</b>	<b>Working Pressure</b>	<b>Test Pressure</b>	<b>Manufacturer</b>
Double Ram	3000	3000	Shaeffer

06/02/15