

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-42145
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name West Pearl 36 State Com
4. Well Location Unit Letter <u>P</u> : <u>240'</u> feet from the <u>South</u> line and <u>430'</u> feet from the <u>East</u> line Section <u>25</u> Township <u>19S</u> Range <u>34E</u> NMPM <u>Lea</u> County		8. Well Number 3H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3734.8'		9. OGRID Number 229137
		10. Pool name or Wildcat Lea; Bone Spring

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 change 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: 7/6/2015  
Type or print name: Mayte Reyes E-mail address: mreyes1@conchoresources.com PHONE: (575) 748-6945  
**For State Use Only**  
APPROVED BY: [Signature] TITLE: Petroleum Engineer DATE: 07/16/15  
Conditions of Approval (if any):

JUL 16 2015

**West Pearl 36 State Com #3H**  
**API: 30-025-42145**

**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	1840'	1200	0'
Intermediate	12-1/4"	9-5/8"	36	3650'	925	0'
Production	8-3/4"	5-1/2"	17	15426'	2300	0'

**Well Plan**

Drill 17-1/2" hole to ~1840' 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 ~3650' 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 15426' 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

07/06/15