

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<div style="text-align: right;"> <b>Form C-105</b>            Revised June 10, 2003         </div> WELL API NO. <span style="float: right;">30-015-30591 ✓</span> 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>					
1a. Type of Well. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  b. Type of Completion: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG <input type="checkbox"/> DIFF WELL OVER BACK RESVR <input type="checkbox"/> OTHER				7. Lease Name or Unit Agreement Name  Pawnee State ✓	
2. Name of Operator  COG Operating LLC				8. Well No. <span style="float: right;">001 ✓</span>	
3. Address of Operator  550 W. Texas Ave., Suite 100 Midland, TX 79701				9. Pool name or Wildcat Loco Hills; Glorieta Yeso <span style="float: right;">Kee</span>	
4. Well Location  Unit Letter <u>G</u> <u>2185</u> Feet From The <u>North</u> Line and <u>1600</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>17S</u> Range <u>30E</u> NMPM <u>Eddy</u> County					
10. Date Spudded 5/26/11		11. Date T.D. Reached 6/1/11		12. Date Compl. (Ready to Prod) 6/27/11	
13. Elevations (DF& RKB, RT, GR, etc) 3676 GR		14. Elev. Casinghead			
15. Total Depth 5964		16. Plug Back T.D. 5900		17. If Multiple Compl. How Many Zones? Yeso	
18. Intervals Drilled By Rotary Tools X Cable Tools				19. Producing Interval(s), of this completion - Top, Bottom, Name 4950 - 5750 Yeso	
20. Was Directional Survey Made No				21. Type Electric and Other Logs Run Spectral Gamma Ray Dual Spaced Neutron/Radial Cement Bond Gamma Ray CCL	
22. Was Well Cored No				23. <b>CASING RECORD (Report all strings set in well)</b>	
CASING SIZE		WEIGHT LB / FT		DEPTH SET	
13 3/8		48		335	
8 5/8		32		1395	
5 1/2		17		6074	
4"		11.6		5958	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17 1/2		928		Circ 1" to surface	
12 1/4		800		Circ 185	
7-7/8		1600		Circ 300	
6-1/8		140			
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2-7/8
					5809
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
4334 - 4721 1 SPF, 75 holes Closed 4950 - 5150 1 SPF, 24 holes Open 5250 - 5450 1 SPF, 24 holes Open 5550 - 5750 1 SPF, 26 holes Open			DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED 4950 - 5150      See attachment 5250 - 5450      See attachment 5550 - 5750      See attachment		
<b>28. PRODUCTION</b>					
Date First Production <b>7/1/11</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>2 x 1-1/2 x 20' pump</b>			Well Status (Prod or Shut-in) <b>Producing</b>
Date of Test <b>8/2/11</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>67</b>	Gas - MCF <b>51</b>
Flow Tubing Press		Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF
Water - Bbl <b>72</b>		Oil Gravity - API - (Corr) <b>37.1</b>		Gas - Oil Ratio <b>761</b>	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>					Test Witnessed By <b>Kent Greenway</b>
30. List Attachments <b>Logs, C103, Deviation Report</b>					
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature <i>Netha Aaron</i>		Printed Name <b>Netha Aaron</b>		Title <b>Regulatory Analyst</b>	
E-mail Address <b>oaaron@conchoresources.com</b>		Date <b>7/7/11</b>			

**Pawnee State #1**  
**API#: 30-015-30591**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4950 - 5150	Acidize w/2500 gals 15% HCL acid.
	Frac w/116,920 gals gel, 148,628# 16/30 White
	sand, 31,912# SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5250 - 5450	Acidize w/3859 gals 15% HCL acid.
	Frac w/118,028 gals gel, 146,148# 16/30 White
	sand, 31,186# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5550 - 5750	Acidize w/3938 gals 15% HCL acid.
	Frac w/107,181 gals gel, 138,858# 16/30 White
	sand, 20,851# 16/30 SiberProp

Submit 3 Copies 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  
May 27, 2004

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

WELL API NO. <b>30-015-30591</b> ✓
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.

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)		7 Lease Name or Unit Agreement Name <b>PAWNEE STATE</b> ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Number <b>001</b> ✓
2 Name of Operator <b>COG Operating LLC</b> ✓		9. OGRID Number <b>299137</b> ✓
3 Address of Operator <b>550 W. Texas Ave., Suite 100 Midland, TX 79701</b>		10 Pool name or Wildcat <b>Mar Loco Hills; Glorieta Yeso</b>
Well Location Unit Letter <b>G</b> <b>2185</b> feet from the <b>North</b> line and <b>1600</b> feet from the <b>East</b> line Section <b>16</b> Township <b>17S</b> Range <b>30E</b> NMPM County <b>Eddy</b>		
11 Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3676 GR</b>		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 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"/>	
OTHER <input type="checkbox"/>		OTHER: Deepening <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/19/11 MIRU  
5/20/11 POOH w/Rods and Tubing  
5/23/11 TIH w/retainer & set @ 4265. Squeeze off perfs 4334 - 4721 w/lead 600 sx C, and Tail 300 sx C  
5/26/11 Drill cmt and new open hole, TD 6/01/11 @ 5964.  
6/02/11 Run 143 jts 4", L80, 11 6# csg, set @ 5958. DV Tool @ 4718. Cmt w/140 sx C.  
6/05/11 Drill out DV Tool.  
6/08/11 Pressure test to 6200# for 30 min, test good.  
6/16/11 Perf Lower Blinebry 5550 - 5750, 1SPF, 26 holes.  
6/17/11 Acidize w/3938 gals 15% HCL acid Frac w/107,181 gals gel, 138,858# 16/30 White sand, 20,851# 16/30 SiberProp.  
CBP @ 5480.  
Perf Middle Blinebry 5250 - 5450, 1SPF, 24 holes. Acidize w/3859 gals 15% HCL acid. Frac w/118,028 gals gel, 146,148#  
16/30 White sand, 31,186# 16/30 SiberProp. CBP @ 5180.  
Perf Upper Blinebry 4950 - 5150, 1SPF, 24 holes. Acidize w/2500 gals 15% HCL acid. Frac w/116,920 gals gel, 148,628#  
16/30 White sand, 31,912# SiberProp.  
6/21/11 Drill out CBP's to PBTD @ 5900, circulated hole clean.  
6/24/11 Ran 182 jts 2-7/8" J55, 6 5# tbg, EOT @ 5809 RIH w/ 2" x 1-1/2" x 20' pump  
6/27/11 Hang well on



NSL-4232 DHC-3721

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Netha Aaron TITLE Regulatory Analyst DATE 7/11/11

Type or print name Netha Aaron E-mail address: oaron@conchoresources.com Telephone No. 432-818-2319

For State Use Only  
APPROVED BY: Donald Gray TITLE Field Supervisor DATE 8-29-11  
Conditions of Approval (if any):