

Submit To Appropriate District Office State Lease - 6 copies Fee Lease 25 copies <u>District I</u> 1625 N French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue Artesia, NM 88710 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr. Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003	
				WELL API NO. 30-015-34884	
				5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
				State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				7 Lease Name or Unit Agreement Name Pawnee State	
b Type of Completion NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF WELL OVER BACK RESVR <input checked="" type="checkbox"/> OTHER _____				AUG 12 2008 OCD ARTESIA	
2 Name of Operator COG Operating LLC				8 Well No 004	
3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701				9 Pool name or Wildcat Grybrg Jackson SR Queen Grybrg SA 28509 & Loco Hills: Glorieta-Yeso 96718	
4 Well Location Unit Letter <u>G</u> <u>2115</u> Feet From The <u>North</u> Line and <u>1970</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 06/30/07	11 Date T.D. Reached 07/15/07	12 Date Compl (Ready to Prod) Recompletion 06/25/08	13 Elevations (DF& RKB, R.F, GR, etc) 3684 GR	14 Elev. Casinghead	
15 Total Depth 6080	16 Plug Back T.D. 6059	17 If Multiple Compl How Many Zones? Yes	18 Intervals Drilled By	Rotary Tools X	Cable Tools
19 Producing Interval(s) of this completion - Top, Bottom, Name 4370 - 5651 Yeso, 3108 - 4145 San Andres (DHC-3721)				20 Was Directional Survey Made No	
21 Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS				22 Was Well Cored No	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB / FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	335	17 1/2	928	Circ 1" to surface
8 5/8	32	1395	12 1/4	800	Circ 185
5 1/2	17	6074	7-7/8	1600	Circ 300
24 LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25 TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
	2-7/8	5651			
26 Perforation record (interval, size, and number)			27 ACID, SHOT, FRACTURE, CEMENT, SQUELZE, ETC		
3387 - 3587	2 SPF, 36 holes	OPEN San Andres (New)	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
3668 - 3868	2 SPF, 36 holes	OPEN San Andres (New)	3387 - 3587	See attachment	
3945 - 4145	2 SPF, 36 holes	OPEN San Andres (New)	3668 - 3868	See attachment	
4940 - 5238	2 SPF, 64 holes	OPEN Yeso (Existing)	3945 - 4145	See attachment	
28 5343 - 5651 2 SPF, 56 holes, OPEN Yeso (Existing)			4950 - 5238 See attachment, 5343 - 5651 See attachment		
PRODUCTION					
Date First Production 06/27/08		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 25 pump		Well Status (Prod or Shut-in) Producing	
Date of Test 07/22/08	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 68	Gas - MCF 98
				Water - Bbl 300	Gas - Oil Ratio 1441
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl
					Oil Gravity - API - (Corr) 38.2
29 Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Kent Greenway
30 List Attachments C102, C103, C104					
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		Printed Name Kanicia Carrillo		Title Regulatory Analyst Date 08/08/08	
E-mail Address kcarrillo@conchoresources.com					

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AUG 12 2008
OCD-ARTESIA

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34884	² Pool Code 96718	³ Pool Name Grayburg Jackson SR; Queen Gryaburg SA
⁴ Property Code 302540	⁵ Property Name Pawnee State	⁶ Well Number 4
⁷ OGRID No 229137	⁸ Operator Name COG OPERATING LLC	⁹ Elevation 3648

¹⁰ Surface Location

UL or lot no G	Section 16	Township 17S	Range 30E	Lot Idn	Feet from the 2115	North/South line North	Feet from the 1970	East/West line East	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. DHC-3721						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature Kanicia Carrillo Printed Name Regulatory Analyst Title and E-mail Address 08/08/08 Date
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief</i> Date of Survey Signature and Seal of Professional Surveyor Certificate Number

Pawnee State #4
API#: 30-015-34884
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3387 - 3587	Acidize w/ 3,500 gals acid.
San Andres	Frac w/64,671 gals gel,19,491# 16/30 SiberProp
New	and 67,456# 16/30 sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3668 - 3868	Acidize w/ 3,500 gals acid.
San Andres	Frac w/64,810 gals gel,21,336# 16/30 SiberProp
New	and 67,620# 16/30 sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3945 - 4145	Acidize w/ 3,500 gals acid.
San Andres	Frac w/56,028 gals gel,21,008# 16/30 SiberProp
New	and 67,515# 16/30 sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4940 - 5238	Acidize w/ 1890 gals acid.
Yeso	Frac w/ 60,526 gals gel,
Existing	8000# LiteProp 14/30, and 90,880# 16/30 sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5343 - 5651	Acidize w/ 2500 gals acid.
Yeso	Frac w/ 90,166 gals gel,
Existing	8000# LiteProp 14/30, and 90,680# 16/30 sand.