District I 1625 N French Dr , Hobbs, NM 88240
District II 1301 W Grand Avenue, Artesia, NM 88210

State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised June 10, 2003



I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT Operator name and Address COG Operating LLC 550 W. Texas Avenue, Suite 1300 Midland, TX 79701 APR 2 9 2008 APR 2 9 2008 APR 2 9 2008 OCD-ARTESIA Property Code 302569 Froperty Name OCD-ARTESIA OR Property Name OCD-ARTESIA OCD-OCT-ARTESIA OC	AMENDED REPORT D AUTHORIZATION TO TRANSPORT 2 OGRID Number 229137 3 Reason for Filing Code/ Effective Date RC /03-01-2008 6 Pool Code 96210 9 Well Number 22 rth/South Line Feet from the East/West line County Huth East Eddy rth/South line Feet from the East/West line County
I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT Operator name and Address COG Operating LLC 550 W. Texas Avenue, Suite 1300 Midland, TX 79701 APR 2 9 2008 APR 2 9 2008 APR 2 9 2008 APR 2 9 2008 COG Operating Code Effective Date RC / 03-01-2008 APR 2 9 2008 APR 2 9 2008 APR 2 9 2008 COD-ARTESIA Pool Code 96210 Pool Code 302569 State S-19 II. 10 Surface Location UI or lot no. Section Township Range Lot.Idn Feet from the North/South Line Feet from the East/West line Eddy II Bottom Hole Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County II Bottom Hole Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County II Lot lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County II Lot lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County II Lot lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County II Lot lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County APR 2 9 2008	PAUTHORIZATION TO TRANSPORT 2 OGRID Number 229137 3 Reason for Filing Code/ Effective Date RC /03-01-2008 6 Pool Code 96210 9 Well Number 22 rth/South Line Feet from the East/West line County Eddy rth/South line Feet from the East/West line County
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S50 W. Texas Avenue, Suite 1300 Midland, TX 79701 APR 2 0 2008 RC / 03-01-2008 RC / 03-01-2008 Property Code 30-015-32226 Empire; Glorieta-Yeso OCD-ARTESIA 6 Pool Code 96210 Property Code 302569 State S-19 Public Recommendation of Pool Code 96210 Public Rec	3 Reason for Filing Code/ Effective Date RC / 03-01-2008 6 Pool Code 96210 9 Well Number 22 rth/South Line Feet from the East/West line County East Eddy rth/South line Feet from the East/West line County East County Feet from the East/West line County
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The property Code 302569 State S-19 St	rth/South Line Feet from the East/West line County Eddy rth/South line Feet from the East/West line County rth/South line Feet from the East/West line County Sumber 16 C-129 Effective Date 17 C-129 Expiration Date 21 O/G 22 POD ULSTR Location and Description
II. 10 Surface Location UI or lot no. Section Township Range 17S 29E Lot.Idn Feet from the South South S40 East Eddy East Eddy	rth/South Line Feet from the East/West line County Eddy rth/South line Feet from the East/West line County rth/South line Feet from the East/West line County lumber C-129 Effective Date T-17 C-129 Expiration Date 21 O/G 22 POD ULSTR Location and Description
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1 19 17S 29E 1650 South 840 East Eddy	rth/South line Feet from the East/West line County Number 16 C-129 Effective Date 17 C-129 Expiration Date 21 O/G 22 POD ULSTR Location and Description
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12 Lse Code 13 Producing Method 14 Gas Connection 15 C-129 Permit Number 16 C-129 Effective Date 17 C-129 Expiration	Number 16 C-129 Effective Date 17 C-129 Expiration Date 21 O/G 22 POD ULSTR Location and Description O
S Code P Date 03/21/2008 III. Oil and Gas Transporters 18 Transporter OGRID	21 O/G 22 POD ULSTR Location and Description O
III. Oil and Gas Transporters 18 Transporter	and Description O
18 Transporter OGRID OGRID OGRID OUTPUT OGRID OUTPUT OGRID OUTPUT OUTP	and Description O
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IV. Produced Water	And the second s
²³ POD	
2821124 V. W. II. C Let're De 4	
V. Well Completion Data 25 Spud Date 26 Ready Date 27 TD 28 PBTD 29 Perforations 30 DHC, MC	
05-25-02 03-21-08 5414' 5320' 4470'-5210'	²⁸ PBTD ²⁹ Perforations ³⁰ DHC, MC
³¹ Hole Size ³² Casing & Tubing Size ³³ Depth Set ³⁴ Sacks Cement	5320' 4470'-5210'
17 ½ 13 3/8 336' 325 sxs	
12 1/4 8 5/8 815' 475 sxs	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement
7 7/8 5 ½ 4399' 960 sxs	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs
	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs 815' 475 sxs
4 5382' 100 sxs	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs 815' 475 sxs 4399' 960 sxs 5382' 100 sxs
2 7/8 4103.7	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs 815' 475 sxs 4399' 960 sxs 5382' 100 sxs
VI. Well Test Data 4103.7	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs 815' 475 sxs 4399' 960 sxs 5382' 100 sxs 4103.7 40 Csg. Pressure
VI. Well Test Data 2 7/8 4103.7	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs 815' 475 sxs 4399' 960 sxs 5382' 100 sxs 4103.7 40 Csg. Pressure 44 Gas 45 AOF 46 Test Method
VI. Well Test Data 35 Date New Oil 36 Gas Delivery Date 03/22/2008 03/22/2008 03/27/2008 37 Test Date 03/27/2008 24 hrs. 39 Tbg. Pressure 40 Csg. Press 24 hrs. 41 Choke Size 42 Oil 43 Water 85 25 45 AOF 46 Test Method Poil Conservation Division have OIL CONSERVATION DIVISION	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs 815' 475 sxs 4399' 960 sxs 5382' 100 sxs 4103.7 40 Csg. Pressure 44 Gas 45 AOF 46 Test Method P
VI. Well Test Data 35 Date New Oil	5320' 4470'-5210' 33 Depth Set 34 Sacks Cement 336' 325 sxs 815' 475 sxs 4399' 960 sxs 5382' 100 sxs 4103.7 40 Csg. Pressure 44 Gas 45 AOF 46 Test Method P
VI. Well Test Data 35 Date New Oil 36 Gas Delivery Date 03/22/2008 03/27/2	330° 4470°-5210° 34 Sacks Cement 336° 325 sxs 815° 475 sxs 4399° 960 sxs 5382° 100 sxs 4103.7 39 Tbg. Pressure 40 Csg. Pressure 24 hrs. 45 AOF 46 Test Method P OIL CONSERVATION DIVISION 100 sxs
VI. Well Test Data Solution	330
VI. Well Test Data 35 Date New Oil 36 Gas Delivery Date 03/22/2008 03/27/2	330
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VI. Well Test Data Solution	330