

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Month - Year
FEB 2 2 2007
OCD - ARTESIA, NM

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 550 W. Texas Avenue, Suite 1300 Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW effec 2 / 6 / 2007
⁴ API Number 30 - 015 - 34872	⁵ Pool Name Loco Hills; Glorieta Yeso	⁶ Pool Code 96718
⁷ Property Code 302507	⁸ Property Name Imperial State	⁹ Well Number 006

II. ¹⁰ Surface Location

UL or lot no. J	Section 16	Township 17S	Range 30E	Lot.Idn	Feet from the 1650	North/South Line South	Feet from the 2310	East/West line East	County Eddy
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¹¹ 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
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 2/ 6 /07	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
15694	Navajo Refining Co. Pipeline Division P O Box 159 Artesia, NM 88211-0159	5105126	O	Unit J, Section 16, T17S, R30E
009171	Duke Energy Field Serv LP 4001 Penbrook Odessa, TX 79762	5105124	G	Unit J, Section 16, T17S, R30E

IV. Produced Water

²³ POD 5105128	²⁴ POD ULSTR Location and Description Unit J, Section 16, T17S, R30E
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V. Well Completion Data

²⁵ Spud Date 12-26-2006	²⁶ Ready Date 2-6-2007	²⁷ TD 5955	²⁸ PBSD 5931	²⁹ Perforations 4783.5' - 5762.5'	³⁰ DHC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17 1/2	13 3/8	415	500 sx		
12-1/4	8 5/8	1391	700 sx		
7 7/8	5 1/2	5932	1585 sx		
	2-7/8" tbg	5790			

VI. Well Test Data

³⁵ Date New Oil 2 / 8 / 07	³⁶ Gas Delivery Date 2 / 8 / 07	³⁷ Test Date 2 / 8 / 2007	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil 240	⁴³ Water 327	⁴⁴ Gas 235	⁴⁵ AOF	⁴⁶ Test Method P

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
Phyllis Edwards

Title:
Regulatory Analyst

E-mail Address:
pedwards@conchoresources.com

Date:
2/20/2007

Phone:
432-685-4340

OIL CONSERVATION DIVISION

Approved by:

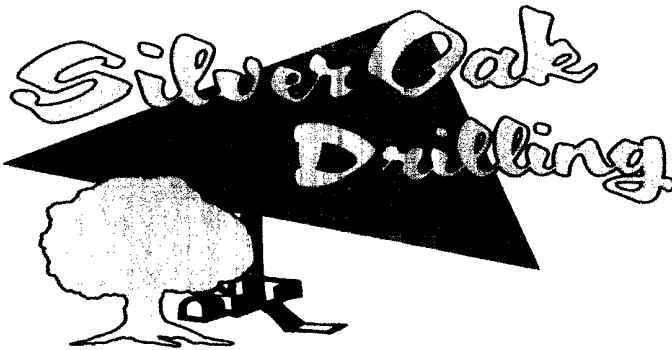
BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title:

Approval Date:

FEB 2 6 2007

30-015-34872



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

Month - Year
FEB 22 2007
OCD - ARTESIA, NM

January 17, 2007

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Imperial State #6
1650' FSL & 2310' FEL
Sec. 16, T17S, R30E
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
131'	1°	2514'	3/4°
331'	1°	2864'	3/4°
481'	2°	3228'	3/4°
631'	2°	3541'	3/4°
957'	2 1/2°	3945'	1/2°
1143'	2 1/4°	4381'	1/2°
1267'	2°	4782'	1°
1351'	2°	5154'	3/4°
1650'	1°	5560'	3/4°
1889'	1/4°	5915'	1/4°
2199'	1/2°		

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 17th day of January, 2007.

Notary Public