

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address COG OPERATING LLC 550 W TEXAS MIDLAND , TX 79701		2. OGRID Number 229137
		3. API Number 30-025-38515
4. Property Code 36066	5. Property Name JELLY BELLY "12" STATE	6. Well No. 001

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	12	18S	35E	L	1980	S	330	W	LEA

**8. Pool Information**

REEVES,PENN	52060
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3890
14. Multiple N	15. Proposed Depth 11200	16. Formation Strawn	17. Contractor	18. Spud Date 10/20/2006
Depth to Ground water 51		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

Pit: Liner: Synthetic ☒ 12 \_\_\_\_\_ mils thick Clay ☐ Pit Volume: 30000 \_\_\_\_\_ bbls Drilling Method:  
 Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	450	0
Int1	11	8.625	32	3800	1200	0
Prod	7.875	5.5	17	11200	600	6600

**Casing/Cement Program: Additional Comments**

Run 13-3/8 48# H40 @ 400'. Cmt w/450sx C. Circ cmt to surf. Run 8-5/8" 32# J55 @ 3800'. Cmt w/1000sx C. Tail w/200sx C. Circ cmt to surf. Run 5-1/2" 17# N-80/P110 @ 11,200'. Cmt w/400sx H. Tail w/200sx H. Est TOC @ 6600'.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1350	
DoubleRam	5000	3000	
Annular	3000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Diane Kuykendall	Approved By: Chris Williams	
Title: Regulatory Analyst	Title: District Supervisor	
Email Address: dkuykendall@conchoresources.com	Approved Date: 10/11/2006	Expiration Date: 10/11/2007
Date: 10/9/2006	Phone: 432-685-4372	Conditions of Approval Attached

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, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code 52060	<sup>3</sup> Pool Name REEVES; PENN
<sup>4</sup> Property Code	<sup>5</sup> Property Name JELLY BELLY "12" STATE	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 229137	<sup>8</sup> Operator Name COG OPERATING, LLC	<sup>9</sup> Elevation 3890'

<sup>10</sup> Surface Location

UL or lot no. L	Section 12	Township 18 SOUTH	Range 35 EAST, N.M.P.M.	Lot Idn	Feet from the 1980'	North/South line SOUTH	Feet from the 330'	East/West line WEST	County LEA
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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

<div><p><sup>16</sup></p><p>NAD 27 NM E ZONE X = 781408 Y = 641481 LAT.: N 32.7601810 LONG.: W 103.4179321</p></div>	<div><p><sup>17</sup> OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p><i>Phyllis A. Edwards</i> Signature PHYLLIS A. EDWARDS Printed Name REGULATORY ANALYST Title 9-21-06 Date</p><p><sup>18</sup> SURVEYOR CERTIFICATION</p><p>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.</p><p>SEPTEMBER 6, 2006 Date of Survey Signature and Seal of Professional Surveyor</p><p> V. LYNN BEZNER NEW MEXICO 7920 14-06 Certification Number V. LYNN BEZNER R.P.S. #7920 JOB # 116570 / 96 SW / E.U.O.</p></div>
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## Permit Conditions of Approval

Operator: COG OPERATING LLC , 229137

Well: JELLY BELLY "12" STATE #001

API: 30-025-38515

OCD Reviewer	Condition
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines