

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies 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 <div style="font-size: 2em; font-weight: bold; margin: 10px 0;">S</div> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003 WELL API NO. <div style="font-weight: bold;">30-015-34438</div> 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" 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 _____ 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 checked="" type="checkbox"/> OTHER - Recompletion		NOV 05 2007 <div style="font-weight: bold; font-size: 1.2em;">OCD-ARTESIA</div> 7. Lease Name or Unit Agreement Name <div style="font-weight: bold; font-size: 1.2em;">USP FEE</div>									
2. Name of Operator <div style="text-align: center; font-weight: bold;">COG Operating LLC</div>		8. Well No <div style="text-align: center; font-weight: bold;">002</div>									
3 Address of Operator <div style="text-align: center;">550 W. Texas Ave., Suite 1300 Midland, TX 79701</div>		9 Pool name or Wildcat <div style="text-align: center;">Harroun Ranch; Delaware, NE</div>									
4 Well Location Unit Letter <u>D</u> <u>319'</u> Feet From The <u>North</u> Line and <u>946</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>23S</u> Range <u>29E</u> NMPM <u>Eddy</u> County											
10 Date Spudded 7-7-06	11 Date T.D. Reached 9-1-06	12 Date Compl. (Ready to Prod.) Recompleted 08/04/07	13 Elevations (DF& RKB, RT, GR, etc.) 2957' GR	14 Elev. Casinghead							
15 Total Depth 12,370	16 Plug Back T.D. 6,956	17 If Multiple Compl How Many Zones? 	18. Intervals Drilled By <div style="text-align: center;">X</div>	Cable Tools							
19 Producing Interval(s), of this completion - Top, Bottom, Name <div style="text-align: center;">5544 - 5565</div>				20 Was Directional Survey Made <div style="text-align: center;">Yes</div>							
21 Type Electric and Other Logs Run <div style="text-align: center; font-weight: bold;">MICRO CFL / CN / HNGS</div>			22 Was Well Cored <div style="text-align: center;">No</div>								
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	308	17-1/2	350 sx CI C	Circ 120 sx to pit						
9-5/8	40	2800	12-1/4	850 sx CI C	Circ 198 sx to pit						
7	26	10,690	8-3/4	1565 sx CI H	Circ 227 sx to pit						
4-1/2	13.5	12,341	8-3/4	285 sx CI H	Circ 46 sx from liner top						
24. LINER RECORD					25. TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE						
					2-7/8						
					5612						
26 Perforation record (interval, size, and number) 5,544 - 5565, 2 SPF, 40 holes - OPEN 12,158- 12,163 4 SPF-12'. 29 holes-PLGD.CIBP@12,100			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">DEPTH INTERVAL</th> <th style="text-align: left;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td style="text-align: center;">5,544 - 5,565</td> <td>Acidize w/2000 gal acid. Fraced w/50,000 gal gel, 126,770# 1630 sand.</td> </tr> <tr> <td style="text-align: center;">12,158' - 12,163'</td> <td>Acidize w/ 1000 gals acid & 1000 SCF N2</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5,544 - 5,565	Acidize w/2000 gal acid. Fraced w/50,000 gal gel, 126,770# 1630 sand.	12,158' - 12,163'	Acidize w/ 1000 gals acid & 1000 SCF N2
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28 PRODUCTION											
Date First Production <div style="text-align: center;">08/04/07</div>		Production Method (Flowing, gas lift, pumping - Size and type pump) <div style="text-align: center; font-weight: bold;">Pumping 2.5 x 1.5 x 24 pump</div>		Well Status (Prod or Shut-in) <div style="text-align: center; font-weight: bold;">Producing</div>							
Date of Test 10/20/07	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 250	Gas - MCF 50						
				Water - Bbl. 68	Gas - Oil Ratio 200						
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.						
					Oil Gravity - API - (Corr.)						
29 Disposition of Gas (Sold, used for fuel, vented, etc) <div style="text-align: center; font-weight: bold;">Flaring</div>					Test Witnessed By <div style="text-align: center; font-weight: bold;">Kent Greenway</div>						
30 List Attachments <div style="text-align: center;">C103, C102, C104</div>											
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 E-mail Address kcarrillo@conchoresources.com		Printed Name Kanicia Carrillo		Title Regulatory Analyst Date: 10/26/07							

District I
 1426 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Avenue, Artesia, NM 88210
 District III
 1000 Rm. Brown Rd., Aztec, NM 87410
 District IV
 1230 E. 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number 30-015-34438		Well Code 96878	Well Name Hannon Ranch	Well Name Delaware Northeast
Property Code 303644	Property Name USP FEE			Well Number 2
OCRED No. 229137	Operator Name COG. OPERATING LLC			Elevation 2937

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
D	16	23-S	29-E		319	NORTH	945	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
H	9	23-S	29-E		226	SOUTH	1362	WEST	EDDY
Dedicated Acres 40	Acres or Less	Computation Code	Order No.						

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

<p>S42 SEC. 9</p> <p>BOTTOM HOLE LOCATION</p> <p>1362'</p> <p>226'</p> <p>945'</p> <p>319'</p> <p>SURFACE LOCATION</p> <p>LAT N 32°18'41.8" LONG W 103°59'42.7"</p>		<p>SEC LINE</p> <p>OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Phyllis A. Edwards</i> Phyllis A. Edwards Regulatory Analyst Title and Street Address 6-8-07 </p> <p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was placed 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. Date 6-8-07 Signature <i>[Signature]</i> State of New Mexico Surveyor 5412 NEW MEXICO 5412 NEW MEXICO 5412 </p>
<p>N/2 SEC 16</p>		