

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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-37726 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 _____ b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER BACK RESVR. <input type="checkbox"/> OTHER		7. Lease Name or Unit Agreement Name <div style="text-align: center;">Yucca State</div>																																										
2. Name of Operator <div style="text-align: center;">COG Operating LLC</div>		8. Well No. <div style="text-align: center;">015</div>																																										
3. Address of Operator <div style="text-align: center;">550 W. Texas Ave., Suite 100 Midland, TX 79701</div>		9. Pool name or Wildcat <div style="text-align: center;">Fren; Glorieta-Yeso 26770</div>																																										
4. Well Location Unit Letter E : 2110 Feet From The North Line and 330 Feet From The West Line Section 16 Township 17S Range 31E NMPM Eddy County																																												
10. Date Spudded 3/7/11	11. Date T.D. Reached 3/16/11	12. Date Compl. (Ready to Prod.) 4/13/11																																										
13. Elevations (DF& RKB, RT, GR, etc.) 3752 GR		14. Elev. Casinghead																																										
15. Total Depth 6735	16. Plug Back T.D. 6689	17. If Multiple Compl. How Many Zones?																																										
18. Intervals Drilled By		18. Rotary Tools X																																										
19. Producing Interval(s), of this completion - Top, Bottom, Name 4880 - 6140 Yeso		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) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>13-3/8</td> <td>48</td> <td>507</td> <td>17-1/2</td> <td>500</td> <td></td> </tr> <tr> <td>8-5/8</td> <td>32</td> <td>1805</td> <td>11</td> <td>550</td> <td></td> </tr> <tr> <td>5-1/2</td> <td>17</td> <td>6719</td> <td>7-7/8</td> <td>1500</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8	48	507	17-1/2	500		8-5/8	32	1805	11	550		5-1/2	17	6719	7-7/8	1500																			
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26. Perforation record (interval, size, and number) 4880 - 5055 1 SPF, 26 holes OPEN 5430 - 5630 1 SPF, 26 holes OPEN 5700 - 5900 1 SPF, 26 holes OPEN 5940 - 6140 1 SPF, 26 holes OPEN																																												
<div style="display: flex; align-items: center;"> <div style="border: 2px solid black; padding: 5px; text-align: center; margin-right: 10px;"> RECEIVED MAY 03 2011 NMOCD ARTESIA </div> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>4880 -5055</td> <td>See attachment</td> </tr> <tr> <td>5430 -5630</td> <td>See attachment</td> </tr> <tr> <td>5700 - 5900</td> <td>See attachment</td> </tr> <tr> <td>5940 - 6140</td> <td>See attachment</td> </tr> </tbody> </table> </div>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4880 -5055	See attachment	5430 -5630	See attachment	5700 - 5900	See attachment	5940 - 6140	See attachment																																
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28 PRODUCTION																																												
Date First Production 4/27/11		Production Method (Flowing, gas lift, pumping - Size and type pump) <div style="text-align: center;">2-1/2 x 2 x 24' pump</div>																																										
Date of Test 4/30/11		Hours Tested 24																																										
Choke Size	Prod'n For Test Period	Oil - Bbl 111																																										
Gas - MCF 187	Water - Bbl. 224	Gas - Oil Ratio 1684																																										
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate																																										
Oil - Bbl.	Gas - MCF	Water - Bbl.																																										
Oil Gravity - API - (Corr.) 38.0																																												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <div style="text-align: center;">Sold</div>		Test Witnessed By <div style="text-align: center;">Kent Greeway</div>																																										
30. List Attachments <div style="text-align: center;">Logs, C102, C103, Deviation Report, 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																																												
<div style="display: flex; justify-content: space-between;"> <div> Signature E-mail Address oaaron@conchoresources.com </div> <div> Printed Name Netha Aaron Title Regulatory Analyst Date 4/27/11 </div> </div>																																												

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 1589	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2517	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3235	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4763	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 6273	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. Yeso 4822	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from to feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Yucca State #15
API#: 30-015-37726
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4880 - 5055	Acidized w/3000 gals 15% HCL.
	Frac w/100,589 gals gel, 108,695# 16/30 White
	sand, 25,477# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5430 - 5630	Acidized w/2500 gals 15% HCL.
	Frac w/114,850 gals gel, 148,400# 16/30 White
	sand, 30,000# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5700 - 5900	Acidized w/2500 gals 15% HCL.
	Frac w/112,658 gals gel, 146,480# 16/30 White
	sand, 24,002# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5940 - 6140	Acidized w/2500 gals 15% HCL.
	Frac w/114,850 gals gel, 148,400# 16/30 White
	sand, 30,000# 16/30 CRC

RECEIVED

MAY 03 2011

NMOCD ARTESIA