

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. 30-015-37630													
		5. Indicate Type of Lease STATE ☒ FEE ☐													
		State Oil & Gas Lease No.													
WELL COMPLETION OR RECOMPLETION REPORT AND LOG															
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER _____				7. Lease Name or Unit Agreement Name Yucca State											
2. Name of Operator COG Operating LLC				8. Well No. 13											
3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701				9. Pool name or Wildcat Fren; Glorieta-Yeso 26770											
4. Well Location Unit Letter <u>E</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County															
10. Date Spudded 3/9/11		11. Date T.D. Reached 3/18/11		12. Date Compl. (Ready to Prod.) 4/14/11											
13. Elevations (DF& RKB, RT, GR, etc.) 3775 GR		14. Elev. Casinghead													
15. Total Depth 6734		16. Plug Back T.D. 6669		17. If Multiple Compl. How Many Zones?											
18. Intervals Drilled By		Rotary Tools X		Cable Tools											
19. Producing Interval(s), of this completion - Top, Bottom, Name 4910 - 6180 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)															
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED										
13-3/8	48	452	17-1/2	500	RECEIVED MAY 05 2011 NMOCD ARTESIA										
8-5/8	32	1800	11	550											
5-1/2	17	6726	7-7/8	1450											
24. LINER RECORD															
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN											
25. TUBING RECORD															
SIZE	DEPTH SET	PACKER SET													
2-7/8	6059														
26. Perforation record (interval, size, and number) 4910 ~ 5110 1 SPF, 26 holes OPEN 5440 ~ 5640 1 SPF, 26 holes OPEN 5710 ~ 5910 1 SPF, 26 holes OPEN 5980 ~ 6180 1 SPF, 26 holes OPEN															
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <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>4910 ~ 5110</td> <td>See attachment</td> </tr> <tr> <td>5440 ~ 5640</td> <td>See attachment</td> </tr> <tr> <td>5710 ~ 5910</td> <td>See attachment</td> </tr> <tr> <td>5980 ~ 6180</td> <td>See attachment</td> </tr> </tbody> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4910 ~ 5110	See attachment	5440 ~ 5640	See attachment	5710 ~ 5910	See attachment	5980 ~ 6180	See attachment
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4910 ~ 5110	See attachment														
5440 ~ 5640	See attachment														
5710 ~ 5910	See attachment														
5980 ~ 6180	See attachment														
28. PRODUCTION															
Date First Production 4/18/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 24' pump		Well Status (Prod. or Shut-in) Producing											
Date of Test 4/19/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 155	Gas - MCF 62										
Water - Bbl 217	Gas - Oil Ratio 400														
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.										
			38.0												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Kent Greenway										
30. List Attachments Logs, C102, C103, Deviation Report, C104															
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 <table style="width: 100%;"> <tr> <td style="width: 30%;">Signature <u>Netha Aaron</u></td> <td style="width: 30%;">Printed Name <u>Netha Aaron</u></td> <td style="width: 30%;">Title <u>Regulatory Analyst</u></td> <td style="width: 10%;">Date <u>4/28/11</u></td> </tr> <tr> <td colspan="4">E-mail Address <u>oaaron@conchoresources.com</u></td> </tr> </table>						Signature <u>Netha Aaron</u>	Printed Name <u>Netha Aaron</u>	Title <u>Regulatory Analyst</u>	Date <u>4/28/11</u>	E-mail Address <u>oaaron@conchoresources.com</u>					
Signature <u>Netha Aaron</u>	Printed Name <u>Netha Aaron</u>	Title <u>Regulatory Analyst</u>	Date <u>4/28/11</u>												
E-mail Address <u>oaaron@conchoresources.com</u>															

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 1618	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2546	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3258	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4789	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 6298	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 4855	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 13
API#: 30-015-37630
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4910 - 5110	Acidized w/3000 gals 15% HCL.
	Frac w/92,692 gals gel, 97,123# 16/30 White sand,
	24,605# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5440 - 5640	Acidized w/3667 gals 15% HCL.
	Frac w/114,935 gals gel, 142,009# 16/30 White
	sand, 33,927# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5710 - 5910	Acidized w/3500 gals 15% HCL.
	Frac w/114,645 gals gel, 144,736# 16/30 White
	sand, 33,372# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5980 - 6180	Acidized w/3510 gals 15% HCL.
	Frac w/114,313 gals gel, 150,024# 16/30 White
	sand, 31,233# 16/30 CRC