

Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505	<b>Form C-105</b> July 17, 2008																		
		1. WELL API NO. <div style="text-align: right;"><b>30 - 015 - 38947</b></div>																		
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED INDIAN																		
		3. State Oil & Gas Lease No.																		
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																				
4. Reason for filing: <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15 17.13 K NMAC)		5. Lease Name or Unit Agreement Name Vale State																		
7. Type of Completion: <input checked="" type="checkbox"/> <b>NEW WELL</b> <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER		<div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">             RECEIVED  <i>2nd copy</i>              FEB 28 2012  <b>NMOCD ARTESIA</b> </div>																		
8. Name of Operator <div style="text-align: center;"><b>COG Operating LLC</b></div>																				
10. Address of Operator <div style="text-align: center;">550 W Texas Ave, Suite 100 Midland, TX 79701</div>		6. Well Number: 9. OGRID 229137 11. Pool name or Wildcat Mar Loco; Glorieta, Yeso 97866																		
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County										
Surface:	I	2	17S	30E		2310	South	990	East	Eddy										
BH:																				
13. Date Spudded 10/20/11	14. Date T.D. Reached 10/28/11		15. Date Rig Released 10/29/11			16. Date Completed (Ready to Produce) 12/2/11		17. Elevations (DF and RKB, RT, GR, etc.) 3774' GR												
18. Total Measured Depth of Well 6160			19. Plug Back Measured Depth 6110			20. Was Directional Survey Made? No		21. Type Electric and Other Logs Run Comp Neutron HNGS/CCL												
22. Producing Interval(s), of this completion - Top, Bottom, Name <div style="text-align: center;"><b>4635 - 5900</b></div>																				
<b>23. CASING RECORD (Report all strings set in well)</b>																				
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED										
13-3/8		48		481		17-1/2		680												
8-5/8		24		1355		11		600												
5-1/2		17		6155		7-7/8		1050												
<b>24. LINER RECORD</b>																				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN																
<b>25. TUBING RECORD</b>																				
SIZE	DEPTH SET		PACKER SET																	
	2-7/8		5792																	
26. Perforation record (interval, size, and number)																				
4635 - 4885 - .34, 26 holes <b>Open</b> 5010 - 5260 - .34, 26 holes <b>Open</b> 5330 - 5580 - .34, 26 holes <b>Open</b> 5650 - 5900 - .34, 51 holes <b>Open</b>																				
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4635 - 4885</td> <td>See Attachment</td> </tr> <tr> <td>5010 - 5260</td> <td>See Attachment</td> </tr> <tr> <td>5330 - 5580</td> <td>See Attachment</td> </tr> <tr> <td>5650 - 5900</td> <td>See Attachment</td> </tr> </table>											DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4635 - 4885	See Attachment	5010 - 5260	See Attachment	5330 - 5580	See Attachment	5650 - 5900	See Attachment
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																			
4635 - 4885	See Attachment																			
5010 - 5260	See Attachment																			
5330 - 5580	See Attachment																			
5650 - 5900	See Attachment																			
<b>28. PRODUCTION</b>																				
Date First Production 12/7/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 2" x 24' pumping					Well Status (Prod. or Shut-in) Producing													
Date of Test 12/20/11	Hours Tested 24	Choke Size n/a	Prod'n For Test Period	Oil - Bbl 110	Gas - MCF 340	Water - Bbl 221	Gas - Oil Ratio 3091													
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 38.6														
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Kent Greenway													
31. List Attachments Logs, C-102, C-104, Deviation Survey																				
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																				
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																				
Latitude Longitude NAD 1927 1983 I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																				
Signature <i>N. Aaron</i>			Printed Name Netha Aaron		Title Regulatory Analyst		Date 1/11/12													
E-mail Address aaaron@concho.com																				

# 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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

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 A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates <u>1427</u>	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres <u>3084</u>	T. Simpson	T. Mancos	T. McCracken
T. Glorieta <u>4524</u>	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb <u>5957</u>	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso <u>4615</u>	T. Entrada	
T. Wolfcamp	T. Rustler	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, 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

**Yale State 31**  
**API#: 30-015-38947**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4635 - 4885	Acidized w/ 3100 gals 15% HCL. Frac
	Frac w/105,898 gals gel, 130,115 16/30 White
	sand, 18,113# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5010 - 5260	Acidized w/ 2500 gals 15% HCL.
	Frac w/114,034 gals gel, 149,226# 16/30 White
	sand, 32,050# 16/30 CRC. Flush with 1000 gals
	10% HCL acid

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5330 - 5580	Acidized w/2500 gals 15% HCL.
	Frac w/110,868 gals gel, 143,501# 16/30 White
	sand, 30,447 16/30 CRC. Flush with 1000 gals
	10% HCL acid

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5650 - 5900	Acidized w/3500 gals 15% HCL.
	Frac w/110,781 gals gel, 143,314 16/30 White
	sand, 31,354# 16/30 CRC. Flush with 1000
	gals 10% HCL acid