


Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>			<b>Form C-105</b> Revised August 1, 2011  1. WELL API NO. 30-015-33692 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) 7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input checked="" type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER 8. Name of Operator COG OPERATING LLC 10. Address of Operator One Concho Center 600 W. Illinois Ave. Midland, TX 79701						5. Lease Name or Unit Agreement Name Mesquite State 6. Well Number: 13 <div style="border: 2px solid black; padding: 5px; transform: rotate(-2deg); display: inline-block;"><b>RECEIVED</b> NOV 22 2013 ARTEZIA</div> 9. OGRID 229137 11. Pool name or Wildcat East Empire;Glorieta-Yeso 96610													
12. Location		Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:		K	20	17S	29E		1700	South	1650	West	Eddy								
BH:																			
13. Date Spudded 6/4/2005		14. Date T.D. Reached 4/26/13		15. Date Rig Released			16. Date Completed (Ready to Produce) 5/29/13		17. Elevations (DF and RKB, RT, GR, etc.) 3630										
18. Total Measured Depth of Well 5500				19. Plug Back Measured Depth 5430			20. Was Directional Survey Made? No		21. Type Electric and Other Logs Run CN, GR										
22. Producing Interval(s), of this completion - Top, Bottom, Name 3900 - 5200																			
<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		352		17-1/2		425 sx											
8-5/8		24		813		11		500 sx											
5-1/2		17		4289		7-7/8		1026 sx											
4		11.6		5496		4-3/4		150 sx											
<b>24. LINER RECORD</b>																			
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN											
<b>25. TUBING RECORD</b>																			
SIZE		DEPTH SET		PACKER SET															
2-7/8		3744																	
26. Perforation record (interval, size, and number) 2311 - 4186 Squeezed 3900 - 4150, .41, 26 Holes 4400 - 4600, .41, 26 Holes 4700 - 4900, .41, 26 Holes 5000 - 5200, .41, 26 Holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"><tr><td>DEPTH INTERVAL</td><td>AMOUNT AND KIND MATERIAL USED</td></tr><tr><td>3900 - 5200</td><td>See Attachment</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3900 - 5200	See Attachment				
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<b>28. PRODUCTION</b>																			
Date First Production 5/29/13		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 1-3/4" x 20' pump						Well Status (Prod. or Shut-in) Producing											
Date of Test 6/1/13		Hours Tested 24		Choke Size		Prod'n For Test Period		Oil - Bbl 17		Gas - MCF 34									
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.) Sold										30. Test Witnessed By Ron Beasley									
31. List Attachments Logs, C102, C103, Deviation Report, C104																			
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 		Printed Name Kanicia Castillo Title Lead Regulatory Analyst Date 11/14/13																	
E-mail Address kcastillo@concho.com																			

**Mesquite State #13**  
**API#: 30-015-33692**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3900 - 4150	Acidized w/2,629 gals 15% HCL.
	Frac w/102,249 gals gel, 110,612# 16/30 brown
	sand, 20,506# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4400 - 4600	Acidized w/3500 gals 15% HCL.
	Frac w/118,314 gals gel, 147,639# 16/30 brown
	sand, 41,167# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4700 - 4900	Acidized w/3500 gals 15% HCL.
	Frac w/108,661 gals gel, 147,982# 16/30 brown
	sand, 9,466# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5000 - 5200	Acidized w/3,500 gals 15% HCL.
	Frac w/114,918 gals gel, 148,918# 16/30 brown
	sand, 31,223# 16/30 Siberprop.