

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, 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 June 10, 2003  WELL API NO. <b>30-015-38164</b>  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.										
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>												
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; font-weight: bold;">Tex-Mack</div>										
2 Name of Operator <div style="text-align: center;">COG Operating LLC</div>		8 Well No <div style="text-align: center; font-weight: bold;">231</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 <i>Ke</i></div>										
4 Well Location <div style="display: flex; justify-content: space-between;"> <div>Unit Letter <b>P</b> <b>870</b> Feet From The <b>South</b></div> <div>Line and <b>880</b> Feet From The <b>East</b> Line</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Section <b>2</b> Township <b>17S</b> Range <b>31E</b> NMPM</div> <div>County <b>Eddy</b></div> </div>												
10 Date Spudded 3/28/11	11 Date T D Reached 4/4/11	12 Date Compl (Ready to Prod) 4/29/11										
13 Elevations (DF& RKB, RT, GR, etc) 3985 GR												
14 Elev Casinghead												
15 Total Depth 6830	16 Plug Back T.D 6750	17. If Multiple Compl How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools X										
19 Producing Interval(s), of this completion - Top, Bottom, Name 5290 - 6510 Yeso		20 Was Directional Survey Made No										
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS		22. Was Well Cored No										
<b>23. CASING RECORD (Report all strings set in well)</b>												
CASING SIZE	WEIGHT LB./FT	DEPTH SET										
13-3/8	48	521										
8-5/8	32	1910										
5-1/2	17	6824										
<b>24. LINER RECORD</b>												
SIZE	TOP	BOTTOM										
<b>25. TUBING RECORD</b>												
SIZE	DEPTH SET	PACKER SET										
2-7/8	6301											
26 Perforation record (interval, size, and number) 5290 - 5565 - 1 SPF, 26 holes Open 5770 - 5970 - 1 SPF, 26 holes Open 6040 - 6240 - 1 SPF, 26 holes Open 6310 - 6510 - 1 SPF, 26 holes Open												
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>5290 - 5565</td> <td>See Attachment</td> </tr> <tr> <td>5770 - 5970</td> <td>See Attachment</td> </tr> <tr> <td>6040 - 6240</td> <td>See Attachment</td> </tr> <tr> <td>6310 - 6510</td> <td>See Attachment</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5290 - 5565	See Attachment	5770 - 5970	See Attachment	6040 - 6240	See Attachment	6310 - 6510	See Attachment
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5770 - 5970	See Attachment											
6040 - 6240	See Attachment											
6310 - 6510	See Attachment											
<b>28. PRODUCTION</b>												
Date First Production 5/4/11		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 25-200-RXBC-24-4-0 pump										
Well Status (Prod. or Shut-in) Producing												
Date of Test 5/14/11	Hours Tested 24	Choke Size										
Prod'n For Test Period	Oil - Bbl 129	Gas - MCF 114										
Water - Bbl. 1043	Gas - Oil Ratio											
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate										
Oil - Bbl.	Gas - MCF	Water - Bbl.										
Oil Gravity - API - (Corr) 33.6												
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												
Signature <i>C Jackson</i>	Printed Name Chasity Jackson	Title Regulatory Analyst										
E-mail Address cjackson@conchoresources.com	432-686-3087	Date 5/31/11										

## 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"
<b>T.Yates</b> <b>2022</b>	T. Miss	T. Cliff House	T. Leadville
<b>T. 7 Rivers</b>	T. Devonian	T. Menefee	T. Madison
<b>T. Queen</b> <b>2961</b>	T. Silurian	T. Point Lookout	T. Elbert
<b>T. Grayburg</b>	T. Montoya	T. Mancos	T. McCracken
<b>T. San Andres</b> <b>3675</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
<b>T. Glorieta</b> <b>5195</b>	T. McKee	Base Greenhorn	T. Granite
<b>T. Paddock</b>	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
<b>T.Tubb</b> <b>6623</b>	T. Delaware Sand	T.Todilto	T.
T. Drinkard	<b>T. Bone Spring</b>	T. Entrada	T.
T. Abo	<b>T.Yeso</b> <b>5269</b>	T. Wingate	T.
T. Wolfcamp	<b>T.Mississippian</b>	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

## OIL OR GA 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

**Tex-Mack #231**  
**API#: 30-015-38164**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5290 - 5565	Acidize w/ 3,000 gals 15% acid.
	Frac w/ 120,682 gals gel, 99,479# 16/30 Ottawa
	sand, 9,660# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5770 - 5970	Acidize w/ 2,500 gals 15% acid.
	Frac w/ 125,314 gals gel, 148,044# 16/30 Ottawa
	sand, 31,366# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6040 - 6240	Acidize w/ 2,500 gals 15% acid.
	Frac w/ 124,276 gals gel, 149,981# 16/30 Ottawa
	sand, 30,492# 16/30 Super LC sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6310 - 6510	Acidize w/ 2,500 gals 15% acid.
	Frac w/ 124,218 gals gel, 146,091# 16/30 Ottawa
	sand, 30,403# 16/30 Siberprop sand.