

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. <div style="text-align: right;">30-015-32159</div>
		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
		State Oil & Gas Lease No. E-742
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 type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name <div style="text-align: center;">Mesquite State</div>
2. Name of Operator <div style="text-align: center;">COG Operating LLC</div>		8. Well No. <div style="text-align: center;">12</div>
3. Address of Operator <div style="text-align: center;">550 W. Texas Ave., Suite 1300 Midland, TX 79701</div>		9. Pool name or Wildcat <div style="text-align: center;">Empire; Glorieta-Yeso, East 96610</div>
4. Well Location Unit Letter <u>N</u> <u>910</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>West</u> Line Section <u>20</u> Township <u>17S</u> Range <u>29E</u> NMPM Eddy County		
10. Date Spudded 11/20/2007	11. Date T.D. Reached 11/29/2007	12. Date Compl. (Ready to Prod.) 12/31/2007
13. Elevations (DF& RKB, RT, GR, etc.) 3617 GR		14. Elev. Casinghead
15. Total Depth 5477'	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools		Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4900' - 5370', Empire; Glorieta-Yeso, East		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run <div style="text-align: center;">Bond Log</div>		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB /FT.	DEPTH SET
13 3/8	48	368'
8 5/8	24	821'
5 1/2	17	4327'
4	11.3	5477'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
26. Perforation record (interval, size, and number) CHANGE THESE TO CONT 12 PERFS 4400' - 5370'		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED
4400'-4600'		See Attached
4900'-5100'		See Attached
5170'-5370'		See Attached
28. PRODUCTION		
Date First Production 12/31/2007		Production Method (Flowing, gas lift, pumping - Size and type pump) 2"X1 1/2"X16' RHTC Pump
Well Status (Prod. or Shut-in) Prod.		
Date of Test 01/25/2008	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 44	Gas - MCF 4
Water - Bbl. 73	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl. 44	Gas - MCF 4	Water - Bbl. 73
Oil Gravity - API - (Corr.) 39.6		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By
30. List Attachments		
Acid & Frac Onformation		
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 Carol Ann Lance	Printed Name Carol Ann Lance	Title Regulatory Analyst
E-mail Address clance@conchoresources.com	Date 01/10/2008	

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 784	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 1058	T. Devonian	T. Menefee	T. Madison
T. Queen 1650	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2316	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3792	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T.	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

Mesquite State #12
API#: 30-015-32159
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4400'-4600'	Acidize w/2500 gals 15% HCL
	Frac w/87,082 gal SilverStim LT x-linked gel;
	92,109# 16/30 Ottawa snd w/last 15,000#
	Coated w/Expidite Process

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900'-5100'	Acidize w/2500 gal 15% HCL
	Frac w/75,421 gal SilverStim LT x-linked gel;
	93,579# 16/30 Ottawa snd w/last 15,000#
	Coated w/Expidite Process.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5170'-5370'	Acidize w/2500 gal 15% HCL
	Frac w/76,759 gal SilverStim LT x-linked gel;
	91,120# 16/30 Ottawa snd w/last 15,000#
	Coated w/Expidite Process.