

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	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	11/13/2009 Form C-105 Revised June 10, 2003 WELL API NO. 30-015-36492 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 Mesilla State
2 Name of Operator COG Operating LLC		8. Well No 011
3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9 Pool name or Wildcat Loco Hills; Glorieta-Yeso 96718
4 Well Location Unit Letter D 330 Feet From The North Line and 990 Feet From The West Line Section 16 Township 17S Range 30E NMPM Eddy County		
10 Date Spudded 05/24/09	11 Date T.D Reached 06/03/09	12 Date Compl (Ready to Prod) 06/24/09
13 Elevations (DF& RKB, RT, GR, etc.) 3683 GR		14. Elev Casinghead
15. Total Depth 5960	16 Plug Back T.D 5896	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By 		Rotary Tools X
19 Producing Interval(s), of this completion - Top, Bottom, Name 4342 - 5650 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
13 3/8	48	420
8 5/8	24	1305
5 1/2	17	5960
24. LINER RECORD		
SIZE	TOP	BOTTOM
25. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET
2-7/8	5412	
26. Perforation record (interval, size, and number) 4342 - 4646 1 SPF, 29 holes OPEN 4910 - 5110 2 SPF, 36 holes OPEN 5180 - 5380 2 SPF, 36 holes OPEN 5450 - 5650 2 SPF, 48 holes OPEN		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4342 - 4646 See Attachment 4910 - 5110 See Attachment 5180 - 5380 See Attachment		
28. PRODUCTION 5450 - 5650 See Attachment		
Date First Production 7/5/09		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2-1/4 x 28' RHTC pump
Well Status (Prod or Shut-in) Producing		
Date of Test 7/7/09	Hours Tested 24	Choke Size
Prod'n For Test Period 	Oil - Bbl 81	Gas - MCF 191
Water - Bbl. 893	Gas - Oil Ratio 2358	
Flow Tubing Press 	Casing Pressure 	Calculated 24-Hour Rate
Oil - Bbl 	Gas - MCF 	Water - Bbl
Oil Gravity - API - (Corr) 38.9		
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 E-mail Address kcarrillo@concoresources.com Printed Name Kanicia Carrillo Title Regulatory Analyst Date 7/8/09		

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 1205	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2102	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2830	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4250	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5780	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. <u>Morrow</u>	T. Wingate	T.
T. Wolfcamp	T. <u>Yeso</u> 4330	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. 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

Mesilla State #11
API#: 30-015-36492
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3980 - 4239	Acidize w/3,000 gals acid
	Frac w/111,869 gals gel, 105,676#16/30 sand,
	30,472# 16/30 CRC# sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4500 - 4700	Acidize w/3,500 gals acid
	Frac w/116,450 gals gel, 148,892#16/30 sand,
	21,890# 16/30 CRC# sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4770 - 4970	Acidize w/3,500 gals acid
	Frac w/119,302 gals gel, 144,250#16/30 sand,
	33,127# 16/30 CRC# sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5450 - 5650	Acidize w/3,500 gals acid
	Frac w/121,367 gals gel, 144,101#16/30 sand,
	31,819# 16/30 CRC# sand.