


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 <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">ENTERED</div> <div style="text-align: center;">3-9-10</div> </div> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003	
		WELL API NO. 30-015-36491			
		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 <input type="checkbox"/>		<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <b>RECEIVED</b>   <b>MAR 01 2010</b> </div>		7 Lease Name or Unit Agreement Name  Mesilla State	
b. Type of Completion NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL OVER BACK RESVR OTHER <input type="checkbox"/>					
2 Name of Operator  COG Operating LLC		<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <b>NMOCD ARTESIA</b> </div>		8. Well No  010	
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 <u>C</u> <u>1290</u> Feet From The <u>North</u> Line and <u>1440</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>17S</u> Range <u>30E</u> NMPM <u>Eddy</u> County					
10 Date Spudded 12/27/09	11 Date T D Reached 01/03/10	12 Date Compl (Ready to Prod) 01/25/10	13. Elevations (DF& RKB, RT, GR, etc) 3684 GR	14 Elev Casinghead	
15 Total Depth 6010	16 Plug Back T D 5960	17 If Multiple Compl How Many Zones?	18. Intervals Drilled By X	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 4320 - 5680 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	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	461	17 1/2	450	
8 5/8	24	1307	11	500	
5 1/2	17	6010	7-7/8	950	
<b>24. LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
			<b>25. TUBING RECORD</b>		
SIZE		DEPTH SET	PACKER SET		
2-7/8		5450			
26 Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
4320 - 4630	1 SPF, 29 holes	OPEN	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
4940 - 5140	1 SPF, 26 holes	OPEN	4320 - 4630	See Attachment	
5210 - 5410	1 SPF, 26 holes	OPEN	4940 - 5140	See Attachment	
5480 - 5680	1 SPF, 26 holes	OPEN	5210 - 5410	See Attachment	
<b>28 PRODUCTION</b>			5480 - 5680 See Attachment		
Date First Production 02/04/10		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 2-1/4" x 24' pump		Well Status (Prod or Shut-in) Producing	
Date of Test 02/19/10	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 158	Gas - MCF 151
				Water - Bbl 390	Gas - Oil Ratio 955
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl
					Oil Gravity - API - (Corr) 38.2
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 		Printed Name Kanicia Carrillo		Title Regulatory Analyst	Date 02/26/10
E-mail Address kcarrillo@concoresources.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. 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 <b>1194</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <b>2085</b>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <b>2798</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <b>4232</b>	T. McKee	Base Greenhorn	T. Granite
T. Paddock <b>4301</b>	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb <b>5792</b>	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>	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.....

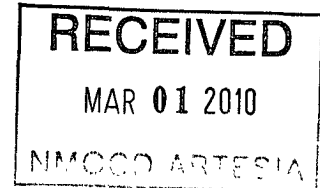
No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

MESILLA STATE #10  
API#: 30-015-36491  
EDDY, NM



C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4320 - 4630	Acidize w/3000 gals acid.
	Frac w/ 92,762 gals gel, 81,471# 16/30
	Ottawa sand, 8,970# Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4940 - 5140	Acidize w/2500 gals acid.
	Frac w/ 124,750 gals gel, 144,711# 16/30
	Ottawa sand, 30,372# Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5210 - 5410	Acidize w/2500 gals acid.
	Frac w/ 123,733 gals gel, 146,567# 16/30
	Ottawa sand, 30,334# Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5480 - 5680	Acidize w/2500 gals acid.
	Frac w/ 124,692 gals gel, 144,740# 16/30
	Ottawa sand, 32,280# Siberprop sand.