

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
811 South First, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-105  
Revised 1-1-89

WELL API NO. 30-015-34538
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2103

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					7. Lease Name or Unit Agreement Name Mesilla State				
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> Deepen <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <u>RECEIVED</u>					8. Well No. 3				
2. Name of Operator COG Operating LLC					9. Pool name or Wildcat Loco Hills Paddock				
3. Address of Operator 550 W. Texas, Suite 1300, Midland, TX 79701					4. Well Location Unit Letter <u>H</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>17S</u> Range <u>30E</u> NMPM <u>Eddy</u> County				
10. Date Spudded 4/1/2006		11. Date TD Reached 4/14/2006		12. Date Compl. (Ready to Prod.) 4/28/2006		13. Elevations (DF & RKB, RT, GR, etc.) 3703' RKB		14. Elev. Casinghead 3691' GR	
15. Total Depth 5980		16. Plug Back TD 5956		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By Rotary Tools Yes		Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 5117-5419.5', Paddock							20. Was Directional Survey Made Yes		
21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray							22. Was Well Cored No		

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8, H-40	48	442	17 1/2	425sx	None
8 5/8, J-55	24	1244	12 1/4	650sx	None
5 1/2, J-55	17	5970	7 7/8	1290sx	None

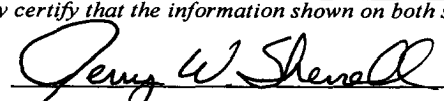
24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	5433	

26. Perforation record (interval, size, and number) 5117-5419.5', .42, 72	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5117-5419.5'	See C-103 for detail

28. <b>PRODUCTION</b>							
Date First Production 4/29/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 24' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 5/9/2006	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 81	Gas - MCF 174	Water- Bbl. 400	Gas - Oil Ratio 2148
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 81	Gas - MCF 174	Water- Bbl. 400	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Robert C. Chase
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30. List Attachments Deviation Survey and Logs
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31. 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 Jerry W. Sherrell	Title Production Clerk	Date 5/19/2006

## 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 _____ 1224	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1520	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2122	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2524	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2847	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 4286	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 Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	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



# Silver Oak Drilling, LLC

PO Box 1370  
Artesia, NM 88211-1370  
505/748-1288

April 21, 2006

COG, LLC  
c/o Mack Energy Corporation  
PO Box 960  
Artesia, NM 88211-0960

RE: Mesilla State #3  
1650' FNL & 330' FEL  
Sec. 16, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
128'	1/2°	3036'	1 1/4°
310'	3/4°	3563'	2°
774'	3/4°	3688'	1 1/2°
1069'	1°	4186'	1 1/2°
1541'	1°	4650'	1 1/2°
1840'	1/4°	5155'	1°
2132'	3/4°	5654'	1°
2444'	1°	5985'	1°
2755'	1 1/4°		

Very truly yours,

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 21<sup>st</sup> day of April, 2006.

My Commission Expires: 8/30/08

  
\_\_\_\_\_  
Notary Public