


<div>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</div>		<div>State of New Mexico Energy, Minerals and Natural Resources  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505</div> <div></div>		<div>Form C-105 Revised June 10, 2003</div> <div>WELL API NO. 30-015-35765</div> <div>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></div> <div>State Oil &amp; Gas Lease No.</div>	
<div>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</div>					
<div>1a. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____</div> <div>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</div>			<div>7 Lease Name or Unit Agreement Name  Mesilla State</div>		
<div>2 Name of Operator COG Operating LLC</div>			<div>8 Well No 007</div>		
<div>3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701</div>			<div>9 Pool name or Wildcat Loco Hills; Glorieta-Yeso 96718</div>		
<div>4 Well Location Unit Letter <b>D</b> Feet From The <b>990</b> North Line and <b>915</b> Feet From The <b>West</b> Line Section <b>16</b> Township <b>17S</b> Range <b>30E</b> NMPM <b>Eddy</b> County</div>					
<div>10 Date Spudded 11/07/07</div>		<div>11 Date T D Reached 11/17/07</div>		<div>12 Date Compl (Ready to Prod ) 12/10/07</div>	
<div>13 Elevations (DF&amp; RKB, RT, GR, etc ) 3688 GR</div>		<div>14 Elev Casinghead</div>			
<div>15 Total Depth 5906</div>		<div>16 Plug Back T D 5848</div>		<div>17 If Multiple Compl How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools X</div>	
<div>19 Producing Interval(s), of this completion - Top, Bottom, Name 5000 - 5620 Yeso</div>				<div>20 Was Directional Survey Made No</div>	
<div>21 Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS</div>				<div>22 Was Well Cored No</div>	
<div>23. CASING RECORD (Report all strings set in well)</div>					
CASING SIZE		WEIGHT LB /FT.		DEPTH SET	
13 3/8		48		420	
8 5/8		32		1227	
5 1/2		17		5862	
<div>24. LINER RECORD</div>					
SIZE		TOP		BOTTOM	
<div>25. TUBING RECORD</div>					
SIZE		DEPTH SET		PACKER SET	
2-7/8		5654			
<div>26 Perforation record (interval, size, and number)</div>					
5000 - 5200		2 SPF, 36 holes		OPEN	
5330 - 5430		2 SPF, 36 holes		OPEN	
5520 - 5620		2 SPF, 48 holes		OPEN	
<div>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</div>					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
5000 - 5200		See Attachment			
5330 - 5430		See Attachment			
5520 - 5620		See Attachment			
<div>28 PRODUCTION</div>					
Date First Production 12/17/07		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 24' RHTC pump			Well Status (Prod or Shut-in) Producing
Date of Test 12/19/07		Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 91
					Gas - MCF 126
					Water - Bbl 313
					Gas - Oil Ratio
Flow Tubing Press		Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF
					Water - Bbl
					Oil Gravity - API - (Corr ) 38.9
<div>29 Disposition of Gas (Sold, used for fuel, vented, etc ) Sold</div>					<div>Test Witnessed By Kent Greenway</div>
<div>30. List Attachments Logs, C102, C103, Deviation Report, C104</div>					
<div>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</div>					
Signature Karrillo		Printed Name Kancia Carrillo		Title Regulatory Analyst	
E-mail Address kcarrillo@concoresources.com		Date 01/28/08			

## 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 <u>1197</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>1493</u>	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2091</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>2805</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>4223</u>	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. <u>Yeso</u> <u>4335</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. 2, from.....to.....

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

No. 4, from.....to.....

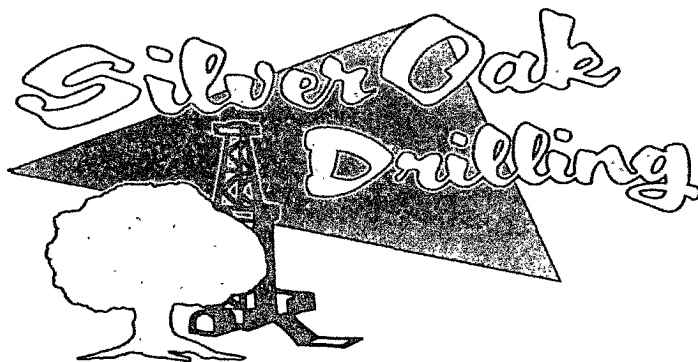
## IMPORTANT WATER SANDS

**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



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

November 29, 2007

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

RE: Mesilla State #7  
990' FNL & 915' FWL  
Sec. 16, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

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

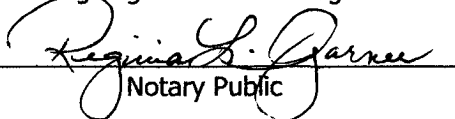
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
260.00	0.75	2928.00	1.00
507.00	1.00	3186.00	0.50
652.00	1.00	3552.00	1.75
819.00	1.25	3645.00	0.25
976.00	1.25	3964.00	1.00
1225.00	1.00	4269.00	1.00
1325.00	1.00	4578.00	1.25
1597.00	1.25	4837.00	1.25
1807.00	0.75	4929.00	1.25
1993.00	1.00	5165.00	1.00
2344.00	1.00	5455.00	1.00
2648.00	1.00	5757.00	0.50

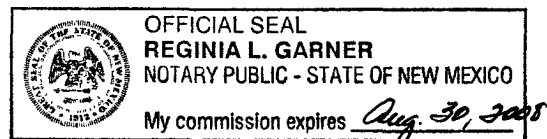
Very truly yours,

Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 29<sup>th</sup> day of November, 2007.

  
Notary Public



**Mesilla State #7**  
**API#: 30-015-35765**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5000 - 5200	Acidize w/ 5000 gals acid.
	Frac w/ 23,646 gals gel,
	16,200# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5330 - 5430	Acidize w/ 5462 gals acid.
	Frac w/ 28,140 gals,
	24,321# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5520 - 5620	Acidize w/ 5000 gals acid.
	Frac w/ 23,645 gals gel,
	16,200# 16/30 sand.

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 59618

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35765	2. Pool Code 96718	3. Pool Name LOCO HILLS; GLORIETA-YESO
4. Property Code 302526	5. Property Name MESILLA STATE	6. Well No. 007
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3688

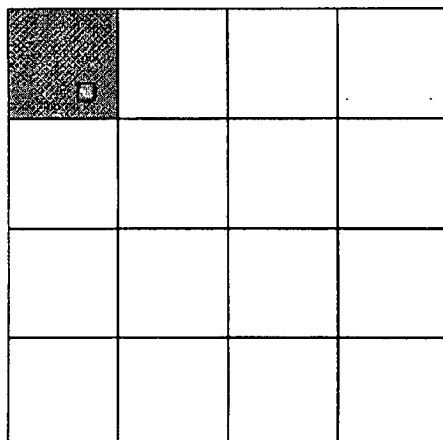
**10. Surface Location**

UL - Lot D	Section 16	Township 17S	Range 30E	Lot Idn	Feet From 990	N/S Line N	Feet From 915	E/W Line W	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Diane Kuykendall

Title: Regulatory Analyst

Date: 8/21/2007

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Ronald Eidson

Date of Survey: 8/1/2007

Certificate Number: 3239