

<div>Submit To Appropriate District Office</div> <div>State Lease - 6 copies</div> <div>Fee Lease - 5 copies</div> <div>District I</div> <div>1625 N French Dr , Hobbs, NM 88240</div> <div>District II</div> <div>1301 W. Grand Avenue, Artesia, NM 88210</div> <div>District III</div> <div>1000 Rio Brazos Rd , Aztec, NM 87410</div> <div>District IV</div> <div>1220 S St Francis Dr , Santa Fe, NM 87505</div>		<div>State of New Mexico</div> <div>Energy, Minerals and Natural Resources</div> <div>Oil Conservation Division</div> <div>1220 South St. Francis Dr.</div> <div>Santa Fe, NM 87505</div>		<div>Form C-105</div> <div>Revised June 10, 2003</div> <div>WELL API NO.</div> <div>30-015-37624</div> <div>5. Indicate Type of Lease</div> <div>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></div> <div>State Oil & Gas Lease No.</div>	
<div>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</div>					
<div>1a. Type of Well:</div> <div>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER</div> <div>b. Type of Completion:</div> <div>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF</div> <div>WELL OVER BACK RESVR. <input type="checkbox"/> OTHER</div>				<div>7 Lease Name or Unit Agreement Name</div> <div>Willow State</div>	
<div>2 Name of Operator</div> <div>COG Operating LLC</div>				<div>8. Well No</div> <div>12</div>	
<div>3 Address of Operator</div> <div>550 W. Texas Ave., Suite 100 Midland, TX 79701</div>				<div>9 Pool name or Wildcat</div> <div>Fren; Glorieta-Yeso 26770</div>	
<div>4 Well Location</div> <div>Unit Letter I : 1630 Feet From The South Line and 330 Feet From The East Line</div> <div>Section 16 Township 17S Range 31E NMPM Eddy County</div>					
<div>10 Date Spudded</div> <div>4/28/11</div>		<div>11 Date T D. Reached</div> <div>5/8/11</div>		<div>12 Date Compl. (Ready to Prod)</div> <div>6/1/11</div>	
				<div>13 Elevations (DF& RKB, RT, GR, etc)</div> <div>3859 GR</div>	
<div>15 Total Depth</div> <div>6716</div>		<div>16 Plug Back T.D.</div> <div>6663</div>		<div>17 If Multiple Compl How Many Zones?</div>	
				<div>18 Intervals Drilled By</div> <div>X</div>	
				<div>Rotary Tools</div>	
				<div>Cable Tools</div>	
<div>19 Producing Interval(s), of this completion - Top, Bottom, Name</div> <div>5050-6380 Yeso</div>				<div>20 Was Directional Survey Made</div> <div>No</div>	
<div>21. Type Electric and Other Logs Run</div> <div>CN / HNGS, Micro CFL / HNGS</div>				<div>22. Was Well Cored</div> <div>No</div>	
<div>23. CASING RECORD (Report all strings set in well)</div>					
<div>CASING SIZE</div> <div>13-3/8</div>		<div>WEIGHT LB /FT</div> <div>48</div>		<div>DEPTH SET</div> <div>450</div>	
				<div>HOLE SIZE</div> <div>17-1/2</div>	
				<div>CEMENTING RECORD</div> <div>500</div>	
				<div>AMOUNT PULLED</div> <div>RECEIVED</div>	
				<div>JUN 27 2011</div>	
				<div>IMMOCD ARTESIA</div>	
<div>24. LINER RECORD</div>					
<div>SIZE</div> <div></div>		<div>TOP</div> <div></div>		<div>BOTTOM</div> <div></div>	
				<div>SACKS CEMENT</div> <div></div>	
				<div>SCREEN</div> <div></div>	
<div>25. TUBING RECORD</div>					
<div>SIZE</div> <div>2-7/8</div>		<div>DEPTH SET</div> <div>6154</div>		<div>PACKER SET</div> <div></div>	
<div>26 Perforation record (interval, size, and number)</div> <div>5050 - 5200 1 SPF, 26 holes OPEN</div> <div>5510 - 5840 1 SPF, 27 holes OPEN</div> <div>5910 - 6110 1 SPF, 26 holes OPEN</div> <div>6180 - 6380 1 SPF, 26 holes OPEN</div>					
<div>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</div> <div>DEPTH INTERVAL</div> <div>AMOUNT AND KIND MATERIAL USED</div> <div>5050 - 5200 See attachment</div> <div>5510 - 5840 See attachment</div> <div>5910 - 6110 See attachment</div> <div>6180 - 6380 See attachment</div>					
<div>28 PRODUCTION</div>					
<div>Date First Production</div> <div>6/3/11</div>		<div>Production Method (Flowing, gas lift, pumping - Size and type pump)</div> <div>2-1/2 x 2" x 24' pump</div>		<div>Well Status (Prod or Shut-in)</div> <div>Producing</div>	
<div>Date of Test</div> <div>6/5/11</div>		<div>Hours Tested</div> <div>24</div>		<div>Choke Size</div> <div></div>	
				<div>Prod'n For Test Period</div> <div></div>	
				<div>Oil - Bbl</div> <div>115</div>	
				<div>Gas - MCF</div> <div>100</div>	
				<div>Water - Bbl</div> <div>498</div>	
				<div>Gas - Oil Ratio</div> <div></div>	
<div>Flow Tubing Press</div> <div></div>		<div>Casing Pressure</div> <div></div>		<div>Calculated 24-Hour Rate</div> <div></div>	
				<div>Oil - Bbl</div> <div></div>	
				<div>Gas - MCF</div> <div></div>	
				<div>Water - Bbl</div> <div></div>	
				<div>Oil Gravity - API - (Corr)</div> <div>36.1</div>	
<div>29 Disposition of Gas (Sold, used for fuel, vented, etc)</div> <div>Sold</div>				<div>Test Witnessed By</div> <div>Kent Greeway</div>	
<div>30 List Attachments</div> <div>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>					
<div>Signature</div> <div>E-mail Address</div>		<div>Printed Name</div> <div>Chasity Jackson</div> <div>Title</div> <div>Regulatory Analyst</div> <div>Date</div> <div>6/23/11</div>			

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>1764</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2700</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3415</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>4946</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>6465</u>	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> <u>5027</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

Willow State #12
API#: 30-015-37624
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5050 - 5200	Acidize w/ 3,000 gals acid.
	Frac w/111,874 gals gel, 16,148# 16/30 Siberprop
	118,145# 16/30 Ottawa sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5510 - 5840	Acidize w/ 2,500 gals acid.
	Frac w/124,247 gals gel 31,226# 16/30 Siberprop
	146,288# 16/30 Ottawa sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5910 - 6110	Acidize w/ 2,500 gals acid.
	Frac w/125,553 gals gel, 33,229# 16/30 Siberprop
	146,883# 16/30 Ottawa sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6180 - 6380	Acidize w/ 2,500 gals acid.
	Frac w/124,758 gals gel, 29,958# 16/30 Siberprop
	147,511# 16/30 Ottawa sand.