

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	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-29609 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.
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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 Willow State			
2. Name of Operator COG Operating LLC	8 Well No 6			
3 Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701	9 Pool name or Wildcat Fren; Glorieta-Yeso 26770			
4 Well Location Unit Letter <u>J</u> <u>2310</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County				
10 Date Spudded 5/31/97	11. Date T.D Reached 4/13/11	12 Date Compl (Ready to Prod) 5/8/11	13 Elevations (DF& RKB, RT, GR, etc) 3844 GR	14. Elev Casinghead
15 Total Depth 6574	16. Plug Back T D 6509	17. If Multiple Compl How Many Zones? 	18. Intervals Drilled By 	Rotary Tools X Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5570 - 6370 Yeso			20. Was Directional Survey Made No	
21 Type Electric and Other Logs Run Spectral Gamma Ray Dual Spaced Neutron			22. Was Well Cored No	

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB /FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	466	12-1/4	325	
5-1/2	17	5457	7-7/8	1725	
4	11.5	6557	6-1/8	130	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5232	

26 Perforation record (interval, size, and number) 5002 - 5196 1 SPF, 56 holes Closed 5570 - 5770 1 SPF, 24 holes OPEN 5870 - 6070 1 SPF, 24 holes OPEN 6170 - 6370 1 SPF, 26 holes OPEN	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>5570 - 5770</td> <td>See attachment</td> </tr> <tr> <td>5870 - 6070</td> <td>See attachment</td> </tr> <tr> <td>6170 - 6370</td> <td>See attachment</td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5570 - 5770	See attachment	5870 - 6070	See attachment	6170 - 6370	See attachment
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6170 - 6370	See attachment								

28 PRODUCTION

Date First Production 5/19/11	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 5/21/11	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 40	Gas - MCF 11
Water - Bbl 85	Gas - Oil Ratio 275	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl.
Oil Gravity - API - (Corr) 36.1		

29 Disposition of Gas (Sold, used for fuel, vented, etc)

Sold

30. List Attachments

Logs, C103, Deviation Report

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 oaaron@conchoresources.com

Printed Name Netha Aaron Title Regulatory Analyst Date 5/20/11

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 1728	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2646	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3374	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4906	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. ...
T. Blinebry	T. Gr. Wash	T. Morrison	T. ...
T. Tubb 6410	T. Delaware Sand	T. Todilto	T. ...
T. Drinkard	T. Bone Spring	T. Entrada	T. ...
T. Abo	T. Morrow	T. Wingate	T. ...
T. Wolfcamp	T. Yeso 4966	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

Willow State #6
API#: 30-015-29609
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5570 - 5770	Acidized w/2500 gals 15% HCL acid
	Frac w/124,853 gals gel, 147,970# 16/30 Ottawa sand
	2,922# SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5870 - 6070	Acidized w/2500 gals 15% HCL acid
	Frac w/142,601 gals gel, 147,239# 16/30 Ottawa sand
	30,000# SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6170 - 6370	Acidized w/2500 gals 15% HCL acid
	Frac w/125,612 gals gel, 149,055# 16/30 Ottawa sand
	30,352# SiberProp