

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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-1 Revised June 10, 2010 WELL API NO. 30-015-37623 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> 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. <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator COG Operating LLC 3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701 4. Well Location Unit Letter J 2310 Feet From The South Line and 2310 Feet From The East Line Section 16 Township 17S Range 31E NMPM Eddy Cou 10. Date Spudded 7/27/10 11. Date T.D. Reached 8/6/10 12. Date Compl. (Ready to Prod.) 09/8/10 13. Elevations (DF& RKB, RT, GR, etc.) 3820 GR 14. Elev. Casinghead 15. Total Depth 6715 16. Plug Back T.D. 6650 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools 19. Producing Interval(s), of this completion - Top, Bottom, Name 4970 - 6270 Yeso 20. Was Directional Survey Made No 21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS 22. Was Well Cored No	7. Lease Name or Unit Agreement Name Willow State 8. Well No. 11 9. Pool name or Wildcat Fren; Glorieta-Yeso 26770 ✓
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RECEIVED
SEP 27 2010
NMOCD ARTESIA

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	481	17-1/2	930	
8-5/8	32	1818	11	550	
5-1/2	17	6703	7-7/8	1050	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
			25. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET			
2-7/8	6063				
26. Perforation record (interval, size, and number) 4970 - 5150 1 SPF, 26 holes OPEN 5530 - 5730 1 SPF, 26 holes OPEN 5800 - 6000 1 SPF, 26 holes OPEN 6070 - 6270 1 SPF, 26 holes OPEN					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4970 - 5150 See attachment 5530 - 5730 See attachment 5800 - 6000 See attachment 6070 - 6270 See attachment					

28. PRODUCTION							
Date First Production 09/09/10		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 9/13/10	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 177	Gas - MCF 156	Water - Bbl. 470	Gas - Oil Ratio 881
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						Test Witnessed By Kent Greeway	
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	09/16/10
E-mail Address	kcarrillo@conchoresources.com						

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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>1693</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2621</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3366</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>4871</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>6383</u>	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 <u>4955</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)

[illegible]

Willow State #11
API#: 30-015-37623
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4970 - 5150	Acidize w/ 3,000 gals acid.
	Frac w/100,556 gals gel, 116,696# 16/30 Ottawa sand, 10,793# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5530 - 5730	Acidize w/ 3,500 gals acid.
	Frac w/100,556 gals gel, 16,696# 16/30 Ottawa sand, 10,793# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5800 - 6000	Acidize w/ 3,500 gals acid.
	Frac w/117,418 gals gel, 139,752# 16/30 Ottawa sand, 39,721# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6070 - 6270	Acidize w/ 3,500 gals acid.
	Frac w/115,363 gals gel, 146,481# 16/30 Ottawa sand, 34,784# 16/30 Super LC.