

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-105 Revised June 10, 2003 WELL API NO. 30-015-32844 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 _____ b. Type of Completion: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____ 2. Name of Operator COG Operating LLC 3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701 4. Well Location Unit Letter P : 1190 Feet From The South Line and 330 Feet From The East Line Section 16 Township 17S Range 31E NMPM Eddy County 10. Date Spudded 7/1/2003 11. Date T.D. Reached 3/16/11 12. Date Compl. (Ready to Prod.) 4/11/11 13. Elevations (DF& RKB, RT, GR, etc.) 3854GR 14. Elev. Casinghead 15. Total Depth 6577 16. Plug Back T.D. 6506 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By X 19. Producing Interval(s), of this completion - Top, Bottom, Name 5550 - 6400 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. 4 9. Pool name or Wildcat Fren; Glorieta-Yeso 26770
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RECEIVED
MAY 10 2011
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	300	17-1/2	325	
9-5/8	53.5	1701	12-1/4	700	
5-1/2	17	5396	7-7/8	1150	
4	11.6	6560	6-1/8	600	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5249	

26. Perforation record (interval, size, and number) 5012 - 5257 1 SPF, 72 holes Closed 5550 - 5800 1 SPF, 24 holes Open 5900 - 6121 1 SPF, 25 holes Open 6000 - 6400 1 SPF, 26 holes Open				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5550 - 5800 See attachment 5900 - 6121 See attachment 6000 - 6400 See attachment			
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28. PRODUCTION

Date First Production 4/18/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 2" x 24' RHBC pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 4/19/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 74	Gas - MCF 44	Water - Bbl. 234	Gas - Oil Ratio 595
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 36.9	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Kent Greeway
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30. List Attachments Logs, C102, C103, Deviation Report, C104	
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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 Netha Aaron	Printed Name Netha Aaron	Title Regulatory Analyst	Date 4/21/11
E-mail Address oaaron@conchoresources.com			

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>1762</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2696</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3413</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>4926</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>6448</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>4982</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 #4
API#: 30-015-32844
Eddy County, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5550 - 5800	Acidize w/ 3864 gals 10.7% HCL acid
	Frac w/129,530 gals gel, 155,867# 16/30 White
	Sand, 33,663# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5900 - 6121	Acidize w/ 3583 gals 15% HCL acid.
	Frac w/ 144,331 gals gel, 144,459# 16/30 White
	Sand, 28,762# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6000 - 6400	Acidize w/ 3500 gals 15% HCL acid.
	Frac w/ 149,775 gals gel, 141,996# 16/30 White
	Sand, 28,350# 16/30 SiberProp