

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. 30-015-37638 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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"/>		7. Lease Name or Unit Agreement Name <div style="text-align: center; font-weight: bold;">Willow State</div>
2. Name of Operator COG Operating LLC		8. Well No. <div style="text-align: center; font-weight: bold;">016</div>
3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701		9. Pool name or Wildcat Fren; Glorieta-Yeso 26770 <i>WZ</i>
4. Well Location Unit Letter P : 990 Feet From The South Line and 1165 Feet From The East Line Section 16 Township 17S Range 31E NMPM Eddy County		
10. Date Spudded 12/18/10	11. Date T.D. Reached 12/28/10	12. Date Compl. (Ready to Prod.) 1/20/11
13. Elevations (DF& RKB, RT, GR, etc.) 3842GR		14. Elev. Casinghead
15. Total Depth 6710	16. Plug Back T.D. 6643	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		18. Rotary Tools X
19. Producing Interval(s), of this completion - Top, Bottom, Name 4979-6360 Yeso		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
13-3/8	48	460
8-5/8	32	1920
5-1/2	17	6696
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
4979-5179, 1 SPF, 26 holes OPEN		DEPTH INTERVAL
5620-5820, 1 SPF, 26 holes OPEN		AMOUNT AND KIND MATERIAL USED
5890-6090, 1 SPF, 26 holes OPEN		4979-5179 See attachment
6160-6360, 1 SPF, 26 holes OPEN		5620-5820 See attachment
		5890-6090 See attachment
		6160-6360 See attachment
28. PRODUCTION		
Date First Production 1/24/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 20' pump
Date of Test 1/27/11		Well Status (Prod. or Shut-in) Producing
Hours Tested 24	Choke Size	Prod'n For Test Period
		Oil - Bbl 65
		Gas - MCF 85
		Water - Bbl 368
		Gas - Oil Ratio 1308
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
		Oil - Bbl.
		Gas - MCF
		Water - Bbl.
		Oil Gravity - API - (Corr.) 38.4
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 <i>Netha Aaron</i> E-mail Address oaaron@conchoresources.com		Printed Name Netha Aaron Title Regulatory Analyst Date 2/10/11

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 1724	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2654	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3363	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4882	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 6417	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 4944	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

From	To	Thickness In Feet	Lithology

Willow State #16
API#: 30-015-37050
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4979-5179	Acidize w/2500 gals 15% HCL.
	Frac w/92,139 gals gel, 97,144# white sand, 9,889#
	CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5620-5820	Acidized w/3500 gals 15% HCL.
	Frac w/112,722 gals gel, 141,853# white sand,
	33,426# CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5890-6090	Acidized w/3500 15% HCL.
	Frac w/116,625 gals gel, 145,756# white sand,
	32,067# CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6160-6360	Acidize w/3500 gals 15% HCL.
	Frac w/114,983 gals gel, 145,796# white sand,
	34,335# CRC