

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  
**SEP 30 2009**  
 WELL API NO. 30-015-37050  
 5. Indicate Type of Lease  
 STATE  FEE   
 State Oil & Gas Lease No.

**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  
**015**

3 Address of Operator  
**550 W. Texas Ave., Suite 1300 Midland, TX 79701**

9 Pool name or Wildcat  
**Fren; Glorieta-Yeso 26770**

4. Well Location  
 Unit Letter **J** **1650** Feet From The **South** Line and **1580** Feet From The **East** Line  
 Section **16** Township **17S** Range **31E** NMPM **Eddy** County

10 Date Spudded **08/05/09** 11. Date T D Reached **08/15/09** 12. Date Compl (Ready to Prod) **9/9/2009** 13 Elevations (DF& RKB, RT, GR, etc) **3839 GR** 14 Elev Casinghead

15 Total Depth **6728** 16 Plug Back T D **6680** 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 **5560-6300 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	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	476	17-1/2	500	
8-5/8	32	1810	11	600	
5-1/2	17	6728	7-7/8	1100	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	6367	

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5560 - 5760	1 SPF	26 holes	5560 - 5760	See attachment
5830 - 6030	1 SPF	26 holes	5830 - 6030	See attachment
6100 - 6300	1 SPF	29 holes	6100 - 6300	See attachment

**28. PRODUCTION**

Date First Production <b>09/16/09</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>2-1/2 x 2 x 20' pump</b>			Well Status (Prod or Shut-in) <b>Producing</b>		
Date of Test <b>09/22/09</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl <b>53</b>	Gas - MCF <b>125</b>	Water - Bbl <b>333</b>	Oil Gravity - API - (Corr) <b>35.9</b>	

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 **C Jackson** Printed Name **Chasity Jackson** Title **Agent for COG** Date **09/28/09**  
 E-mail Address **cjackson@conchoresources.com**



**Willow State #15**  
**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
5560 - 5760	Acidize w/ 4,500 gals acid.
	Frac w/128,667 gals gel, 156,004# Ottawa sand
	38,416# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5830 - 6030	Acidize w/ 2,500 gals acid.
	Frac w/ 125,045 gals gel, 148,287# Ottawa sand
	31,986# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6100 - 6300	Acidize w/ 2,500 gals acid.
	Frac w/ 123,334 gals gel, 147,077 Ottawa sand,
	30,414# 16/30 Siberprop sand.