

**RAILROAD COMMISSION OF TEXAS**  
Oil and Gas Division  
Notice of Intention to Plug and Abandon

**Form W-3A**

Rev. 1/1/83  
431-024  
FOD1296

Type or print only

Operators must comply with RRC plugging procedures as outlined on the reverse side.

1. Operator's Name and Address (Exactly as shown on Form P-5, Organization Report) <b>COG Operating LLC</b> 600 W. Illinois Ave Midland, TX 79701				3. RRC District No. <b>08</b>		4. County of Well Site <b>Andrews</b>		
				5. API No. <b>42-003-43980</b>		6. Drilling Permit No. <b>733732</b>		
2. RRC Operator Number <b>166150</b>				7. Rule 37 Case No.		8. Oil Lease No. or Gas Well ID No. <b>39826</b>		
9. Well No. <b>177</b>								
10. Field Name (Exactly as shown on RRC records) <b>Spraberry (Trend Area)</b>				11. Lease Name <b>University Camille</b>				
12. Location • Section No. <b>1</b> Block No. <b>3</b> Survey <b>P&amp;L Survey</b> No. _____ Abstract No. <b>A-</b> • Distance (in miles) and direction from a nearby town in this county (name the town) <b>11 mile NE Andrews</b>								
13. Type of well 1 - oil    3 - disposal    5 - other (specify) _____ 2 - gas    4 - injection    Enter appropriate no. in box → <b>1</b>				14. Type of completion Single <input checked="" type="checkbox"/> Multiple <input type="checkbox"/>		15. Total Depth <b>11500</b>		
16. Unbleed-quality water strata (as determined by Texas Dept. of Water Resources) occur to a depth of <b>250'</b> feet and in deeper strata from <b>1250'</b> to <b>1750'</b> feet, and from _____ to _____ feet								
17. • If there are wells in this area which are producing from or have produced from a shallower zone, state depth of zone _____ • If there are wells into which salt water is being or has been disposed of into a shallower zone, state depth of zone _____								
18. Casing record (List all casing in well)								
Size	Depth	Cement (sacks)	Drilled hole size	Top of cement (feet)	Top of cement determined by			Anticipated casing recovery (feet)
					Temper. Survey	Calculated	Cement bond log	
<b>13 3/8" set @</b>	<b>1794' w/</b>	<b>1340</b>	<b>17 1/2"</b>	<b>surf</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>0</b>
<b>8 5/8" set @</b>	<b>5114' w/</b>	<b>1200</b>	<b>10.625"</b>	<b>1140</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>0</b>
<b>5 1/2" set @</b>	<b>11500' w/</b>	<b>810</b>	<b>7 7/8"</b>	<b>6900</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>0</b>
set @	w/				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
set @	w/				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19. Has notice of intent to plug been filed previously for this well? <input type="checkbox"/> Yes _____ mo. day yr. <input checked="" type="checkbox"/> No				20. <b>Class "D" HSR Cement</b> Load the hole with a least 100 lbs of cement per gallon mud) No. of sacks                      Depth in feet (top & bottom)				
1.	<b>Tag CIBP @ 8490' Spud 205x500' outer</b>							
2.	<b>45    5164-5064 * Tag</b>							
3.	<b>75    1850-1700 * Tag</b>							
4.	<b>45    1300-1200 *</b>							
5.	<b>90    300-200 ** Tag</b>							
6.	<b>10    30-0</b>							
7.	<b>* Perf &amp; Sqz 5 1/2</b>							
8.	<b>** Perf &amp; Sqz 5 1/2 &amp; 8 5/8</b>							
21. Record of perforated intervals or open hole				23. Anticipated plugging date for this well is <b>* 405 x 5 4600' - 4500' top as ap</b> <b>* 405 x 5 3,000' - 2,000' mo. day yr.</b>				
Perforations	Open	Plugged	Plugging method					
<b>E1035-11780</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>CIBP @ 10950w 20'</b>					
<b>8590-10860</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>CIBP @ 8510w 20' w/</b>					
Open Hole	<input type="checkbox"/>	<input type="checkbox"/>						
22. Name and address of cementing company <b>RCM &amp; Associates, Inc.</b>				23. Anticipated plugging date for this well is				
24. Name and address of operator's representative <b>Ben Montgomery</b> 432-580-7161				25. Agent Title of person <b>Ben Montgomery</b> Signature				
Date: <b>07/06/17</b>				Date				

**RRC District Office Action**  
Expiration date: \_\_\_\_\_ mo. day year    District Director: *Paul Vanderpool* Date: \_\_\_\_\_



Groundwater Advisory Unit

<b>Date Issued:</b>	28 June 2017	<b>GAU Number:</b>	174652
<b>Attention:</b>	COG OPERATING LLC ONE CONCHO CENTER MIDLAND, TX 79701	<b>API Number:</b>	00343980
<b>Operator No.:</b>	166150	<b>County:</b>	ANDREWS
		<b>Lease Name:</b>	University Camille
		<b>Lease Number:</b>	39826
		<b>Well Number:</b>	177
		<b>Total Vertical Depth:</b>	11500
		<b>Latitude:</b>	32.385013
		<b>Longitude:</b>	-102.385802
		<b>Datum:</b>	NAD27

**Purpose:** Plug and Abandon (P&A)  
**Location:** Survey-UL; Block-3; Section-1

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

The interval from the land surface to a depth of 250 feet, and the zone from 1250 to 1750 feet must be protected.

This recommendation is applicable to all wells within a radius of 200 feet of this location.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

This determination is based on information provided when the application was submitted on 06/26/2017. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

