

Type or print only

## RAILROAD COMMISSION OF TEXAS

## Oil and Gas Division

## Notice of Intention to Plug and Abandon

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

APR 07 2020

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Midland

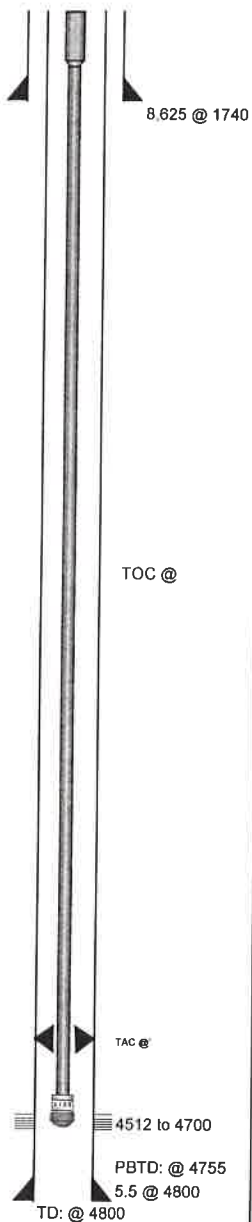
1. Operator's Name and Address (Exactly as shown on Form P-5, Organization Report)		3. RRC District No.	4. County of Well Site
RING ENERGY, INC PO BOX 11350 MIDLAND, TX 79702		08	Andrews
2. RRC Operator Number <u>712382</u>		5. API No. 42-003-40573	6. Drilling Permit No. 663178
		7. Rule 37 Case No.	8. Oil Lease No. or Gas Well ID No. 38957
			9. Well No. 2601
10. Field Name (Exactly as shown on RRC records) <u>University 26 Shafter Lake (San Andres)</u>		11. Lease Name <u>SHAFTER LAKE (San Andres)</u>	
12. Location • Section No. <u>26</u> Block No. <u>14</u> Survey <u>UL</u> No. <u>U466</u> • Distance (in miles) and direction from a nearby town in this county (name the town). <u>9.7 miles NW of Andrews</u>			
13. Type of well 1. oil 3. disposal 5. other (specify) _____ 2. gas 4. injection Enter appropriate no. in box <u>1</u>		14. Type of completion Single <u>1</u> Multiple <input type="checkbox"/>	15. Total depth text here TD: 4800' /PB:4755'
16. Usable-quality water strata (as determined by Texas Dept. of Water Resources) occur to a depth of <u>1700'</u> <u>350</u> feet and in deeper strata from <u>1100</u> to <u>1700</u> 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)		Top of cement determined by:	
Size	Depth	Cement (sacks)	Drilled hole size
8 5/8" set @	1740' w/	795	12 1/4"
5 1/2" set @	4800' w/	695	7 7/8"
set @	w/		
set @	w/		
set @	w/		
set @	w/		
Top of cement (feet)	Temper. Survey		
Surface	Calculated		
550'	Cement Bond Log		
	Anticipated casing recovery (feet)		
	0		
	0		
19. Has notice of intent to plug been filed previously for this well? <input type="checkbox"/> Yes <u>Mo. Day Yr.</u> <input checked="" type="checkbox"/> No		20. Plugging proposal (List all bridge and cement plugs. Load the hole with at least 9.5 lbs. per gallon mud.) <b>Class "C" HSR Cement ONLY</b>	
21. Record of perforated intervals or open hole		No. of sacks	
Perforations	Open	Plugged	Depth In feet (top & bottom)
4512' to 4700'	<input type="checkbox"/>	<input type="checkbox"/>	1. 3 dumpbail 5 1/2 CIBP @ 4437'
	<input type="checkbox"/>	<input type="checkbox"/>	2. 20 3000-2900 2750-2650
	<input type="checkbox"/>	<input type="checkbox"/>	3. 75 1800-1700 Perf/Sq TAG 1800-1650
	<input type="checkbox"/>	<input type="checkbox"/>	4. 40 1350-1250 Perf/Sq 1150-1050
	<input type="checkbox"/>	<input type="checkbox"/>	5. 40 350-250 Perf/Sq 400-300
Open Hole	<input type="checkbox"/>	<input type="checkbox"/>	6. 10 13-3' Surface Plug
	<input type="checkbox"/>	<input type="checkbox"/>	7. _____
	<input type="checkbox"/>	<input type="checkbox"/>	8. _____
22. Name and address of cementing company or contractor  TBD		23. Anticipated plugging date for this well is: <u>asap</u> / <u>Mo. Day Yr.</u>	
Jeanette Serna Typed or printed name of operator's representative 432-682-7464 Telephone: Area Code Number		Regulatory Tech. Signature <u>4.6.2020</u> <u>APPROVAL</u> <u>EXPIRES</u> <u>06-26-22</u> <u>Rapono</u>	
Expiration date <u>NOV 24, 2020</u> <u>Mo. Day Yr.</u> <u>4-24-2020</u> <u>4-24-2020</u> <u>4-24-2020</u>		District Director <u>4-24-2020</u> <u>Date</u>	

RRC District Office Action

Expiration date

District Director

Date



<b>WELL NAME:</b> University 26 Well 2601		<b>FIELD:</b> Shafter Lake (San Andres)		<b>LEASE #:</b> 38957	
<b>STATE:</b> Texas		<b>COUNTY:</b> Andrews		<b>LOCATION:</b> Sec 26 Blk 14 ULS	
<b>API NO:</b> 42-003-40573		<b>SPUD DATE:</b> 9/30/2008		<b>FORMATION:</b>	
<b>TD:</b> 4800'		<b>PBTD:</b> 4755'		<b>ELEVATION:</b> 3199' GR <b>KB:</b>	

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	8.625"			24.00#	Surf	1740'	38	12.250"	1740'	565 230	10.7 ppg 6.3 ppg	Surf
Prod	5.500"	J-55	LTC	15.50#	Surf	4800'	132	7.875"	4800'	520 175	13.6 ppg 5.9 ppg	
Tbg	2.875"	J-55		6.50#	Surf							

**HISTORY:**  
10/15/2008 Perf San Andres 4512'-4700' acdz w/4000 gals 15% HCL  
10/18/2008 BJ frac w/ 4,613 BBL 10# Brine + 1,020 lb 20/40 sn + 28,059 lb 14/30 Liteprop  
Avg rate 60 bpm at 2398 psi avg PP; Max PP 2600 psi; Min PP 2358 psi; ISIP 1105 psi  
10/23/2008 Put on rod pump.  
12/21/2011 Downhole failure - POOH w/tbg, rods & pump; LD pump; RIH w/tbg; test tbg  
in hole; RIH w/pump & rods; return to production.

**LOGS**  
Ran GR/CNL  
  
**PERFORATION RECORD**

DATE	TOP	BTM	ZONE	STATUS	SPF
	4512'	4700'	San Andres	Open	1

**Tubing Detail as of 12/22/11**

ID (in)	OD (in)	Length Feet	Depth Feet
KB			
141 jts 2 7/8" Tbg			
TAC			
2 jts - 2 7/8" Tbg			
SN			
Perf Sub			
MA/BP			
No tbg depths given			
EOT			
<b>ROD &amp; PUMP DETAIL AS 12/22/11</b>			
PR			
48 - 1" Rods			
58 - 7/8" Rods			
60 - 3/4" Rods			
12 - 1 1/2" Sinker Bars			
4' Guide Sub			
Pump			
10' Gas Anchor			

PREPARED BY: Gina Bale  
DATE: 6/25/2015  
Updated 3/6/2018 Dave Dillon

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# GROUNDWATER PROTECTION DETERMINATION

Groundwater Advisory Unit

RECEIVED  
RRC OF TEXAS  
Form GW-2

APR 07 2020

O&G  
Midland

**Date Issued:** 06 April 2020

**GAU Number:** 273666

**Attention:** RING ENERGY, INC.  
PO BOX 11350  
MIDLAND, TX 79702

**API Number:** 00340573  
**County:** ANDREWS  
**Lease Name:** UNIVERSITY 26

**Operator No.:** 712382

**Lease Number:** 38957  
**Well Number:** 2601  
**Total Vertical Depth:** 4800  
**Latitude:** 32.391130  
**Longitude:** -102.700812  
**Datum:** NAD27

**Purpose:** Plug and Abandon (P&A)

**Location:** Survey-UL; Abstract-U466; Block-14; Section-26

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 350 feet, and the zone from 1100 to 1700 feet must be protected.

This recommendation is applicable for all wells drilled in this section 26.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 04/02/2020. 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](mailto:gau@rrc.texas.gov).

Groundwater Advisory Unit, Oil and Gas Division

Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: [www.rrc.texas.gov](http://www.rrc.texas.gov)  
Rev. 02/2014