

RAILROAD COMMISSION OF TEXAS

Form W-3A

Rev. 1/1/83

EAG0897

Oil and Gas Division

Type or print only

Notice of Intention to Plug and Abandon

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) Pioneer Natural Res. USA, Inc. 5205 N. O'Connor Blvd., Suite 200 Irving, TX 75039-3746 ATTN: F. Jean Tillery				3. RRC District No. 7C		4. County of Well Site Reagan																																																													
2. RRC Operator Number 665748				5. API No. 42- 383-35948		6. Drilling Permit No. 635369																																																													
7. Rule 37 Case No.				8. Oil Lease No. or Gas Well ID No. 16296		9. Well No. 13																																																													
10. Field Name (Exactly as shown on RRC records) Spraberry (Trend Area)				11. Lease Name University "1-32"																																																															
12. Location • Section No. 32 Block No. 1 Survey University Lands No. _____ Abstract No. A- • Distance (in miles) and direction from a nearby town in this county (name the town). 17 mi NW of Big Lake																																																																			
13. Type of well 1- oil 3- disposal 5- other (specify) _____ 2- gas 4- injection Enter appropriate no. in box 1				14. Type of Completion Single <input checked="" type="checkbox"/> Multiple <input type="checkbox"/>		15. Total depth 9003' <i>PB-8950</i>																																																													
16. Usable-quality water strata (as determined by Texas Dept. of Water Resources) occur to a depth of 700 feet and in deeper strata from _____ to _____ 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 _____																																																																			
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19. Has notice of intent to plug been filed previously for this well? <input type="checkbox"/> Yes <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.) <i>workover pit must be lined</i> No. of sacks Depth in feet (top & bottom)																																																															
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22. Name and address of cementing company or contractor TBD				23. Anticipated plugging date for this well is ASAP / mo. _____ day _____																																																															

RECEIVED
RRC OF TEXAS

NOV 18 2016

OIL & GAS
SAN ANGELO

F. Jean Tillery - jean.tillery@pxd.com

Typed or printed name of operator's representative

972.969.3963

Telephone: Area Code Number

11 / 17 / 16

Date: mo. day yr.

Lead Regulatory Specialist

Title of person

Signature

RRC District Office Action

Expiration date

mo. day yr.

District Director (for)

Date 11/21/2016

GENERAL PLUGGING PROCEDURES
SAN ANGELO DISTRICT OFFICE (Amended 2/4/10)

1. The San Angelo District Office (325) 657-7450 must be given a minimum of four hours notice prior to setting any plugs. All hydrogen sulfide, water flow, gas pressure, well control, loss circulation, holes in pipe, and junked hole problems should immediately be brought to the attention of our District Office.
2. The operator of a well must have a representative on location during the setting of all plugs. The operator's representative cannot be an employee of the plugging contractor unless the contractor and the operator are the same entity.
3. The well must be circulated with mud prior to setting plugs. The mud must have a minimum weight of 9.5 lbs./gal. and a funnel viscosity of at least 40 seconds. The well should be in a static condition before cement is pumped.
4. The cementing contractor must have an active Organization Report and be on the Commission's Approved Cements List. Revisions to Statewide Rule 3.14 effective December 28, 1999, allow for the operator and plugging contractor to be held responsible for the proper plugging of a well.
5. All cement plugs must be pumped through tubing or drill pipe (casing is not allowed). When casing is not recovered, the casing must be perforated and cement pumped under a packer or cement retainer. The casing should be pressure tested prior to perforating.
6. Class C cement must be used for all plugs above 6000 FT. Class H cement may be used below 6000 FT. The cement should not have fillers or additives in it. Class C should have a slurry weight of 14.8 Lbs/Gal. and class H 16.4 Lbs./Gal.
7. Plugs placed across the base of usable quality water, across the surface casing shoe, above the Coleman Junction and San Andres, and above perforations that were used to produce out of or inject into must be tagged.
8. Pits must be emptied immediately. Revisions to SWR 3.14 effective September 14, 1998, require that tanks, vessels, piping at the battery shallower than three feet, loose junk, and trash be removed from a plugged out lease within 120 days of the time plugging operations are completed. Pits and cellars must be backfilled and locations contoured to discourage pooling of surface water. In addition, flowlines that are associated with any plugged well must be emptied (purged with fresh water, air or inert gas) if the lines will not be used in conjunction with other activities on the lease.
9. The casing in a plugged well should be cut off three feet below the ground surface. No permanent dry hole caps or welded plates should be left on a well after plugging operations are completed.

SPECIAL INSTRUCTIONS PERTAINING TO THIS WELL ONLY

WELL IN H2S AREA

☒ YES

☐ NO

PIT MUST BE LINED

☒ YES

☐ NO

BAD WATER FLOW AREA

☒ YES

☐ NO

UNDER ENFORCEMENT ACTION

☐ YES

☒ NO

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 17 November 2016**GAU Number:** 163393**Attention:** PIONEER NATURAL RES. USA,
ATTN WELDON PIERSON
IRVING, TX 75039**Operator No.:** 665748**API Number:** 38335948
County: REAGAN
Lease Name: University "1-32"
Lease Number: 16296
Well Number: 13
Total Vertical Depth: 9003
Latitude: 31.210487
Longitude: -101.740835
Datum: NAD27**Purpose:** Plug and Abandon (P&A)**Location:** Survey-UL; Block-1; Section-32

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 700 feet must be protected.

This recommendation is applicable for all wells drilled in this Section 32 on this Lease.

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 11/16/2016. 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