RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 05/27/2016
Tracking No.: 151621

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG

OPERATOR INFORMATION

Operator Name: AJAX RESOURCES, LLC **Operator No.:** 000597
Operator Address: 24 GREENWAY PLAZA SUITE 650 HOUSTON, TX 77046-0000

WELL INFORMATION

API No.: 42-003-47287 **County:** ANDREWS
Well No.: 101LS **RRC District No.:** 08
Lease Name: UNIVERSITY 6-24 UNIT **Field Name:** SPRABERRY (TREND AREA)
RRC Lease No.: 47615 **Field No.:** 85280300
Location: Section: 24, Block: 6, Survey: UL, Abstract: U167

Latitude: 32.47756 **Longitude:** -102.26888
This well is located 19.4 **miles in a** NORTHEAST **direction from** ANDREWS, **which is the nearest town in the county.**

FILING INFORMATION

Purpose of filing: Initial Potential
Type of completion: New Well
Well Type: Producing **Completion or Recompletion Date:** 12/22/2015

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	11/05/2015	811673
Rule 37 Exception		0298764
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION

Spud date: 11/19/2015 **Date of first production after rig released:** 12/22/2015
Date plug back, deepening, recompletion, or drilling operation commenced: 11/19/2015 **Date plug back, deepening, recompletion, or drilling operation ended:** 12/06/2015
Number of producing wells on this lease in this field (reservoir) including this well: 1 **Distance to nearest well in lease & reservoir (ft.):** 0.0
Total number of acres in lease: 480.00 **Elevation (ft.):** 3001 GR
Total depth TVD (ft.): 9489 **Total depth MD (ft.):** 17050
Plug back depth TVD (ft.): 9474 **Plug back depth MD (ft.):** 17050
Was directional survey made other than inclination (Form W-12)? Yes **Rotation time within surface casing (hours):** 68.0
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? No **Multiple completion?** No
Type(s) of electric or other log(s) run: Acceptable cased hole logs
Electric Log Other Description: BASIC CASED HOLE LOGS RUN
Location of well, relative to nearest lease boundaries of lease on which this well is located: 2640.0 **Feet from the** South **Line and** 330.0 **Feet from the** West **Line of the** UNIVERSITY 6-24 UNIT **Lease.** **Off Lease :** No

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Field & Reservoir	Gas ID or Oil Lease No.	Well No.	Prior Service Type

PACKET: N/A

W2: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination **Depth (ft.):** 1750.0 **Date:** 11/02/2015

SWR 13 Exception **Depth (ft.):**

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: 02/13/2016 **Production method:** Pumping

Number of hours tested: 24 **Choke size:**

Was swab used during this test? No **Oil produced prior to test:** 3228.00

PRODUCTION DURING TEST PERIOD:

Oil (BBLS): 183.00 **Gas (MCF):** 88

Gas - Oil Ratio: 480 **Flowing Tubing Pressure:**

Water (BBLS): 1352

CALCULATED 24-HOUR RATE

Oil (BBLS): 183.0 **Gas (MCF):** 88

Oil Gravity - API - 60.: 40.0 **Casing Pressure:**

Water (BBLS): 1352

CASING RECORD

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Tool Depth (ft.)	Multi - Stage Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	13 3/8	17 1/2	1810			C	1585	2623.0	SURFACE	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	8768			C	580	1087.0	6138	Calculation
3	Intermediate	9 5/8	12 1/4	8768	6138		C	1445	2787.0	SURFACE	Calculation
4	Conventional Production	5 1/2	8 1/2	17050			H	2050	2542.0	6288	Calculation

LINER RECORD

Row	Liner Size (in.)	Hole Size (in.)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By

N/A

TUBING RECORD

Row	Size (in.)	Depth Size (ft.)	Packer Depth (ft.)/Type
1	2 7/8	8549	/

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 9865	9979.0
2	No	L1 10080	10192.0
3	No	L1 10291	10405.0
4	No	L1 10504	10618.0
5	No	L1 10714	10831.0
6	No	L1 10930	11047.0
7	No	L1 11143	11257.0
8	No	L1 11356	11470.0
9	No	L1 11565	11683.0
10	No	L1 11782	11897.0
11	No	L1 11995	12109.0

12	No	L1 12208	12322.0
13	No	L1 12421	12535.0
14	No	L1 12634	12748.0
15	No	L1 12847	12961.0
16	No	L1 13060	13174.0
17	No	L1 13270	13387.0
18	No	L1 13486	13600.0
19	No	L1 13699	13813.0
20	No	L1 13910	14026.0
21	No	L1 14125	14242.0
22	No	L1 14338	14452.0
23	No	L1 14551	14665.0
24	No	L1 14767	14878.0
25	No	L1 14977	15095.0
26	No	L1 15190	15304.0
27	No	L1 15403	15517.0
28	No	L1 15616	15730.0
29	No	L1 15829	15943.0
30	No	L1 16042	16156.0
31	No	L1 16255	16369.0
32	No	L1 16466	16582.0
33	No	L1 16681	16795.0
34	No	L1 16890	16901.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.

Was hydraulic fracturing treatment performed? Yes

Is well equipped with a downhole actuation sleeve? No

If yes, actuation pressure (PSIG):

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: 8000

Actual maximum pressure (PSIG) during hydraulic fracturing: 8073

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? Yes

Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)	
1	Fracture	34 STAGE FRAC USING 2040 BBLS OF 7.5% HCL ACID, 3,530,120 LBS OF 100 MESH SAND, 8,327,600LBS OF 30/50 PREMIUM SAND, AND 14,920,878 GAL OF FW	9865	16901

FORMATION RECORD

Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	Remarks
GRAYBURG	Yes	4750.0	4750.0	Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4960.0	4960.0	Yes	
CLEARFORK	Yes	6570.0	6570.0	Yes	
SPRABERRY	Yes	8580.0	8580.0	Yes	

YATES	No	No	NOT LOGGED - N/A
SEVEN RIVERS	No	No	NOT LOGGED - N/A
QUEEN	No	No	NOT LOGGED - N/A
HOLT	No	No	NOT LOGGED - N/A
GLORIETA	No	No	NOT LOGGED - N/A
TUBB	No	No	NOT LOGGED - N/A
PERMIAN DETRITAL	No	No	NOT LOGGED - N/A
LEON	No	No	NOT LOGGED - N/A
WICHITA ALBANY	No	No	NOT LOGGED - N/A
DEAN	No	No	BELOW TVD - NOT LOGGED - N/A
WOLFCAMP	No	No	BELOW TVD - NOT LOGGED - N/A
CANYON	No	No	BELOW TVD - NOT LOGGED - N/A
PENNSYLVANIAN	No	No	BELOW TVD - NOT LOGGED - N/A
MCKEE	No	No	BELOW TVD - NOT LOGGED - N/A
STRAWN	No	No	BELOW TVD - NOT LOGGED - N/A
FUSSELMAN	No	No	BELOW TVD - NOT LOGGED - N/A
DEVONIAN	No	No	BELOW TVD - NOT LOGGED - N/A
SILURIAN	No	No	BELOW TVD - NOT LOGGED - N/A
ELLENBURGER	No	No	BELOW TVD - NOT LOGGED - N/A

Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)? No

Is the completion being downhole commingled (SWR 10)? No

REMARKS

THIS IS NO LONGER AN ALLOCATION WELL, BUT A POOLED UNIT. 1ST WELL IN THIS 480 ACRE POOLED UNIT. FIND P-12 ATTACHED.
KOP IS 8876'.

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2016-04-14 14:07:12.551] location of well is plotted to be OK with take points at 9865-16901 feet

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :

34 STAGE FRAC, ALL ADDITIVE TOTALS INCLUDED ON ATTACHED FRACFOCUS REPORT.

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed Name: Alex Bolanos **Title:** Sr. Regulatory Analyst

Telephone No.: (713) 400-3944 **Date Certified:** 05/25/2016

RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Form W-15
Rev. 08/2014

CEMENTING REPORT

Cementer: Fill in shaded areas.
Operator: Fill in other items.

OPERATOR INFORMATION

Operator Name: AJAX RESOURCES, LLC	**Operator P-5 No.:** 000597
Cementer Name: LUIS RIOS	**Cementer P-5 No.:** 046292

WELL INFORMATION

District No.: 8	**County:** ANDREWS	
Well No.: 101LS	**API No.:** 42003472870000	**Drilling Permit No.:** 811675
Lease Name: UNIVERSITY 6-24 UNIT	**Lease No.:** N/A	
Field Name: Spraberry (Trend Area)	**Field No.:** 85280300	

I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☑ Surface ☐ Intermediate ☐ Liner ☐ Production

Drilled hole size (in.): 17.5	**Depth of drilled hole (ft.):** 1810	**Est. % wash-out or hole enlargement:**
Size of casing in O.D. (in.): 13 3/8	**Casing weight (lbs/ft) and grade:** 54.5 J-55	**No. of centralizers used:** 12
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☑ YES ☐ NO **If no for surface casing, explain in Remarks.**	**Setting depth shoe (ft.):** 1810	**Top of liner (ft.):** / **Setting depth liner (ft.):**
Hrs. waiting on cement before drill-out: 37	**Calculated top of cement (ft.):** 0/Surface	**Cementing date:** 11/20/2015

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1170	C	REMARK1	2071	2982
2	415	C	REMARK2	552	794
3					
Total	1585			2623	3776

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement shoe ☐ Multiple parallel strings

Drilled hole size (in.):	**Depth of drilled hole (ft.):**	**Est. % wash-out or hole enlargement:**
Size of casing in O.D. (in.):	**Casing weight (lbs/ft) and grade:**	**No. of centralizers used:**
Tapered string drilled hole size (in.) **Upper:** **Lower:**	**Tapered string depth of drilled hole (ft.)** **Upper:** **Lower:**	
Tapered string size of casing in O.D. (in.) **Upper:** **Lower:**	**Tapered string casing weight(lbs/ft) and grade** **Upper:** **Lower:**	**Tapered string no. of centralizers used** **Upper:** **Lower:**
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☐ NO		**Setting depth shoe (ft.):**
Hrs. waiting on cement before drill-out:	**Calculated top of cement (ft.):**	**Cementing date:**

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

III. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement/DV tool ☐ Multiple parallel strings

Drilled hole size (in.):	**Depth of drilled hole (ft.):**	**Est. % wash-out or hole enlargement:**
Size of casing in O.D. (in.):	**Casing weight (lbs/ft) and grade:**	**No. of centralizers used:**
Tapered string drilled hole size (in.) **Upper:** **Lower:**	**Tapered string depth of drilled hole (ft.)** **Upper:** **Lower:**	
Tapered string size of casing in O.D. (in.) **Upper:** **Lower:**	**Tapered string casing weight(lbs/ft) and grade** **Upper:** **Lower:**	**Tapered string no. of centralizers used** **Upper:** **Lower:**
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☐ NO		**Setting depth tool (ft.):**
Hrs. waiting on cement before drill-out:	**Calculated top of cement (ft.):**	**Cementing date:**

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS

REMARK#1 50:50 POZ+.005 LBS/SK STATIC FREE+ 5% SODIUM CHLORIDE+4%GEL+.4% SMS
REMARK#2 .005LBS/SK STATIC FREE

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

FEILD SPECIALIST - LUIS RIOS — Name and title of cementer's representative
BAKER HUGHES — Cementing Company
Luis Rios — Signature
2929 ALLEN PARKWAY SUITE 2100 HOUSTON, TEXAS, 77019 — Address, City, State, Zip Code
(713) 439 8600 — Tel: Area Code Number
11/20/2015 — Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Alex Bolanos — Typed or printed name of operator's representative
Reg. Coord — Title
Alex Bolanos — Signature
24 Greenway Plaza, Ste 650 Houston, Tx 77046 — Address, City, State, Zip Code
713-400-3944 — Tel: Area Code Number
3/17/16 — Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.

The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (https://webapps.rrc.state.tx.us/security/login.do) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).

C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing **and** Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

RAILROAD COMMISSION OF TEXAS

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Form W-15
Rev. 08/2014

Cementer: Fill in shaded areas.
Operator: Fill in other items.

CEMENTING REPORT

OPERATOR INFORMATION

Operator Name: AJAX RESOURCES LLC	Operator P-5 No.: 000557
Cementer Name: MATTHEW VALENZUELA	Cementer P-5 No.: 046292

WELL INFORMATION

District No.: 8	County: ANDREWS	
Well No.: 101LS	API No.: 42003472870000	Drilling Permit No.: 811673
Lease Name: UNIVERSITY 6-24 UNIT	Lease No.: N/A	
Field Name: SPRABERRY (TREND AREA)	Field No.: 852 80300	

I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☐ Surface ☐ Intermediate ☐ Liner ☐ Production

Drilled hole size (in.):	Depth of drilled hole (ft.):	Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:	No. of centralizers used:
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☐ NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.):	Top of liner (ft.):
		Setting depth liner (ft.):
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Cementing date:

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☑ Multi-stage cement shoe ☐ Multiple parallel strings

Drilled hole size (in.): 12.25	Depth of drilled hole (ft.): 8774	Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.): 9.625	Casing weight (lbs/ft) and grade: 40# L-80	No. of centralizers used: 52
Tapered string drilled hole size (in.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	Tapered string casing weight(lbs/ft) and grade Upper: Lower:	Tapered string no. of centralizers used Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☑ NO		Setting depth shoe (ft.): 8768
Hrs. waiting on cement before drill-out: 56	Calculated top of cement (ft.): 6138	Cementing date: 11/27/15

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	285	C	REMARKS	715	2276
2	295	C	REMARKS	372	966
3					
Total	580	C	REMARKS	1087	3242

III. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☑ Multi-stage cement/DV tool ☐ Multiple parallel strings

Drilled hole size (in.): 12.25	Depth of drilled hole (ft.): 8774	Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.): 9.625	Casing weight (lbs/ft) and grade: 40# L-80	No. of centralizers used: 52
Tapered string drilled hole size (in.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	Tapered string casing weight(lbs/ft) and grade Upper: Lower:	Tapered string no. of centralizers used Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☑ NO		Setting depth tool (ft.): 6138
Hrs. waiting on cement before drill-out: 56	Calculated top of cement (ft.): 0 / Surface	Cementing date: 11/27/15

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	735	C	REMARKS	1845	5880
2	710	C	REMARKS	942	3012
3					
Total	1445	C	REMARKS	2787	8892

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS

1ST LEAD- 50/50/10C+ 25%P-3+ 005#SF
1ST TAIL- 50/50/2C+ 25%P-3+ 2%FL-52+ 005#SF
CIRCULATED-NO CEMENT OFF TOOL
2ND LEAD- 50/50/10C+ 25%P-3+ 005#SF
2ND TAIL- C+ 35%P-3+ 005#SF
CIRCULATED- NO CEMENT TO SURFACE

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

MATTHEW VALENZUELA - FIELD SPECIALIST | BAKER HUGHES | [signature]

Name and title of cementer's representative | Cementing Company | Signature

2929 ALLEN PARKWAY SUITE 2100 HOUSTON, TX 77019 | (713)439-8600 | 11/27/15

Address City, State, Zip Code | Tel: Area Code Number | Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Alex Bolaños | Reg. Coord. | [signature]

Typed or printed name of operator's representative | Title | Signature

24 greenway Plaza, Sk 650, Houston, TX 77046 | 713-400-3204 | 3/17/16

Address City, State, Zip Code | Tel: Area Code Number | Date: mo. day yr.

Instructions for Form W-15, Cementing Report

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B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (https://webapps.rrc.state.tx.us/security/login.do) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).

C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing **and** Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

CEMENTING REPORT

Form W-15
Rev. 08/2014

Cementer: Fill in shaded areas.
Operator: Fill in other items.

OPERATOR INFORMATION

Operator Name: A SAX RESOURCES, LLC	Operator P-5 No.: 000597
Cementer Name: VICTOR M ROSAS FIELD SPACIALIST III	Cementer P-5 No.: 046292

WELL INFORMATION

District No.: 8	County: ANDREWS		
Well No.: 1015	API No.: 42-003-47287	Drilling Permit No.: 811673	
Lease Name: UNIVERSITY 6-24 UNIT	Lease No.: N/A		
Field Name: SPRABERRY (TREND AREA)	Field No.: 85280300		

I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☐ Surface ☐ Intermediate ☐ Liner ☑ Production

Drilled hole size (in.): 8 1/2	Depth of drilled hole (ft.): 17050	Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.): 5 1/2	Casing weight (lbs/ft) and grade: 17lbs / P-110	No. of centralizers used:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☑ NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.): 17050	Top of liner (ft.):	
		Setting depth liner (ft.):	
Hrs. waiting on cement before drill-out: 72	Calculated top of cement (ft.): 6288'	Cementing date: 12/9/15	

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	2050	H	SEE REMARKS	2542	11096
2					
3					
Total	2050	H		2542	11096

II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement shoe ☐ Multiple parallel strings

Drilled hole size (in.):	Depth of drilled hole (ft.):	Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:	No. of centralizers used:
Tapered string drilled hole size (in.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	Tapered string casing weight(lbs/ft) and grade Upper: Lower:	Tapered string no. of centralizers used Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☐ NO		Setting depth shoe (ft.):
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Cementing date:

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

III. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☑ Production ☐ Tapered production ☐ Multi-stage cement/DV tool ☐ Multiple parallel strings

Drilled hole size (in.):	Depth of drilled hole (ft.):	Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:	No. of centralizers used:
Tapered string drilled hole size (in.) Upper: Lower:	Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:	Tapered string casing weight(lbs/ft) and grade Upper: Lower:	Tapered string no. of centralizers used Upper: Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☐ NO		Setting depth tool (ft.):
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Cementing date:

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS

50:50:POZ,H,0.005#/SK SF,0.5%FL-52,0.3%SMS,0.2%R-21

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

FIELD SPACIALIST III VICTOR M ROSAS | BAKER HUGHES | [signature]

Name and title of cementer's representative | Cementing Company | Signature

2929 ALLEN PARKWAY SUIT 2100 HOUSTON TX 77019 | (713) 739 8600 | 12-08-15

Address City, State, Zip Code | Tel: Area Code Number | Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Alex Bslanos | Reg. Compliance | [signature]

Typed or printed name of operator's representative | Title | Signature

24 Greenway Plaza, Ste 650 Houston, TX 77046 | 713-400-3944 | 3/17/16

Address City, State, Zip Code | Tel: Area Code Number | Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.

The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (https://webapps.rrc.state.tx.us/security/login.do) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).

C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.

E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing **and** Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.

F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.

G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

ELECTRIC LOG STATUS REPORT

FORM L-1

Tracking No.: 151621

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:
- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:
- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:
- with the appropriate Commission district office

Filling out Form L-1:
- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:
- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: AJAX RESOURCES, LLC	District No. 08	Completion Date: 12/22/2015
Field Name SPRABERRY (TREND AREA)	Drilling Permit No. 811673	
Lease Name UNIVERSITY 6-24 UNIT	Lease/ID No. 47615	Well No. 101LS
County ANDREWS	API No. **42-** 003-47287	

SECTION II. LOG STATUS (Complete either A or B)

☐ A. BASIC ELECTRIC LOG NOT RUN

☒ B. BASIC ELECTRIC LOG RUN. (Select one)

☒ 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.

☐ 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).

☐ 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).

☐ 4. Log attached to (select one):

☐ (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential. ☐

☐ (b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐ (c) Form W-4, Application for Multiple Completion:

Lease or ID No(s). _____

Well No(s). _____

Alex Bolanos Signature	Sr. Regulatory Analyst Title
_____ Name (print)	(713) 400-3944 Phone 03/30/2016 Date

-FOR RAILROAD COMMISSION USE ONLY-

University 6-24 Unit #101LS

TVD
5":100'

Company: Ajax Resources, LLC
Well Name: University 6-24 Unit #101LS
API: 42-003-47287
County/Parish: Andrews
State: TX
Country: USA
Job number: GTTX1511033-MWD
Field: Spraberry
Rig Id: H&P 625
Survey Company: Legacy Directional
Remark #1 Gamma Ray logged through Casing from

Log measurements: Gamma / ROP / Temp
Depth measured from: 6950 ft
Maximum temperature: 181

	Depth	Date
Start:	8756 ft	11/28/2015
End:	17050 ft	12/06/2015

Casing	Depth	Size
Surface:	1810 ft	13 3/8"
Intermediate:	8768 ft	9 5/8"

Mud Type: Oil-Based
Density: 8.3
Viscosity: 47
Rm: **Rmf:** **Rmc:**

Elevations
KB: 25 ft
GL: 2994 ft
DF:

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	8.5"	16.62 ft	27.76 ft	7000 ft	8774 ft	11/28/2015	11/30/2015
2	8.5"	43.54 ft	57.76 ft	8774 ft	10065 ft	11/30/2015	12/01/2015
3	8.5"	48.50 ft	53.80 ft	10065 ft	17050 ft	12/01/2015	12/06/2015
4							
5							
6							
7							
8							
9							
10							

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division
PO Box 12967
Austin TX 78711-2967
www.rrc.texas.gov

CERTIFICATE OF COMPLIANCE AND TRANSPORTATION AUTHORITY

P-4

This facsimile P-4 was generated electronically from data submitted to the RRC.
A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 151621

1. Field name exactly as shown on proration schedule	2. Lease name as shown on proration schedule			
SPRABERRY (TREND AREA)	UNIVERSITY 6-24 UNIT			
3. Current operator name exactly as shown on P-5 Organization Report	4. Operator P-5 no.	5. Oil Lse/Gas ID no	6. County	7. RRC district
AJAX RESOURCES, LLC	000597	47615	ANDREWS	08
8. Operator address including city, state, and zip code	9. Well no(s) *(see instruction E)*			
24 GREENWAY PLAZA SUITE 650 HOUSTON, TX 77046	101LS			
	10. Classification ☒ Oil ☐ Gas ☐ Other *(see instruction A)*		11. Effective Date	12/22/2015

12. Purpose of Filing. (Complete section a or b below.) *(See instructions B and G)*

a. Change of: ☐ operator ☐ oil or condensate gatherer ☐ gas gatherer ☐ gas purchaser ☐ gas purchaser system code
☐ field name from _____
☐ lease name from _____

OR

b. New RRC Number for: ☒ oil lease ☐ gas well ☐ other well (specify) _____ **Due to:** ☒ new completion or recompletion ☐ reclass oil to gas ☐ reclass gas to oil ☐ consolidation, unitization, or subdivision (oil lease only)

13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). *(See instruction G).*

Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left *(Attach an additional sheet in same format if more space is needed)*	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	AMERICAN MIDSTREAM PERMIAN, LLC(018731)	0001	100.0	

14. Authorized OIL or CONDENSATE Gatherer(s). *(See instruction G).*

Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First *(Attach an additional sheet in same format if more space is needed)*	Percent of Take
PLAINS MARKETING, L.P.(667883)	100.0

RRC USE ONLY: Reviewer's initials: RRC Staff Approval date: 05/27/2016

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Name of Previous Operator

Signature

Name (print)

☐ **Authorized Employee of previous operator**

☐ **Authorized agent of previous operator** *(see instruction G)*

Title

Date

Phone with area code

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Name (print): Sr. Regulatory Analyst

Signature: Alex Bolanos

Title

☒ **Authorized Employee of current operator**

☐ **Authorized agent of current operator** *(see instruction G)*

E-mail Address (optional): abolanos@ajaxres.com

Date: 03/18/2016

Phone with area code: (713) 400-3944

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division
PO Box 12967
Austin, Texas 78711-2967
www.rrc.state.tx.us

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12

1. Field Name(s)	2. Lease/ID Number *(if assigned)*	3. RRC District Number
SPRABERRY (TREND AREA)		08
4. Operator Name	**5. Operator P-5 Number**	**6. Well Number**
AJAX RESOURCES, LLC	000597	101LS
7. Pooled Unit Name	**8. API Number**	**9. Purpose of Filing**
UNIVERSITY 6-24 UNIT	42-003-47287	☐ Drilling Permit (W-1)
10. County	**11.Total acres in pooled unit**	☑ Completion Report
ANDREWS	480	

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT *(See inst. #7 below)*	INDICATE UNDIVIDED INTERESTS UNLEASED	NON-POOLED
1	UNIVERSITY "6-24" TRACT 1	320	☐	☐
2	UNIVERSITY "6-24" TRACT 2	160	☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.

Signature

Alex Bolanos
Print Name

Sr. Regulatory Analyst
Title

abolanos@ajaxres.com
E-mail *(if available)*

03/17/2016
Date

(713) 400-3944
Phone

INSTRUCTIONS — Reference: Statewide Rules 31, 38 and 40

1. When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
2. The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
3. If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
4. If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
5. If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
6. Identify the drill site tract with an * to the left of the tract identifier.
7. The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.

Clear Form

RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Form P-16
Page 1
Rev. 01/2016

Acreage Designation

SECTION I. OPERATOR INFORMATION

Operator Name: AJAX RESOURCES, LLC	**Operator P-5 No.:** 000597
Operator Address: 3355 WEST ALABAMA SUITE 500 HOUSTON TX 77098	

SECTION II. WELL INFORMATION

District No.: 8	**County:** ANDREWS	**Purpose of Filing:**
Well No.: 101LS	**API No.:** 42-003-47287	☐ Drilling Permit Application (Form W-1)
Total Lease Acres: 480	**Drilling Permit No.:** 81163	■ Completion Report (Form G-1/W-2)
Lease Name: UNIVERSITY 6-24 UNIT	**Lease No.:** N/A	
Field Name: SPRABERRY (TREND AREA)	**Field No.:** 85280300	

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER

RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
40680	6	V	UNIVERSITY 6-24	003-43252	80	N	
40680	5	V	UNIVERSITY 6-24	003-42581	80	N	
	101LS	H	UNIVERSITY 6-24 UNIT	003-47287	320	N	

Total Well Count >	3	320	< A. Total Assigned Horiz. Acreage	320	< C. Total Assigned Acreage
		160	< Total Remaining Horiz. Acreage	160	< Total Remaining Acreage
		160	< B. Total Assigned Vert./Dir. Acreage		
		320	< Total Remaining Vert./Dir. Acreage		

SECTION IV. REMARKS / PURPOSE OF FILING (see instructions)

1st Horizontal well within 480 acre pooled unit, assigning 320 proration acres.

Attach Additional Pages As Needed. ■ No additional pages ☐ Additional Pages: _____ (No. of additional pages)

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Signature	Name and title (type or print)	Email (include email address *only* if you affirmatively consent to its public release)
[signature]	Alex Bolanos, Reg. Analyst	abolanos@ajaxres.com

Address	City,	State,	Zip Code	Tel: Area Code Number	Date: mo. day yr.
24 Greenway Plaza, Ste. 650	Houston	TX	77045	713-400-3944	03/17/2016

RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Form P-16
Page 1
Rev. 01/2016

Acreage Designation

SECTION I. OPERATOR INFORMATION

Operator Name: AJAX RESOURCES, LLC	**Operator P-5 No.:** 000597
Operator Address: 24 GREENWAY PLAZA SUITE 650 HOUSTON TX 77046	

SECTION II. WELL INFORMATION

District No.: 8	**County:** ANDREWS	**Purpose of Filing:**
Well No.: 101LS	**API No.:** 42-003-47287	☐ Drilling Permit Application (Form W-1)
Total Lease Acres: 480	**Drilling Permit No.:** 81163	■ Completion Report (Form G-1/W-2)
Lease Name: UNIVERSITY 6-24 UNIT	**Lease No.:** N/A	
Field Name: SPRABERRY (TREND AREA)	**Field No.:** 85280300	

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER

RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
40680	6	V	UNIVERSITY 6-24	003-43252	80	N	
40680	5	V	UNIVERSITY 6-24	003-42581	80	N	
	101LS	H	UNIVERSITY 6-24 UNIT	003-47287	320	N	

Total Well Count >	3	320	**< A. Total Assigned Horiz. Acreage**	320	**< C. Total Assigned Acreage**
		160	**< Total Remaining Horiz. Acreage**	160	**< Total Remaining Acreage**
			< B. Total Assigned Vert./Dir. Acreage		
			< Total Remaining Vert./Dir. Acreage		

SECTION IV. REMARKS / PURPOSE OF FILING (see instructions)

1st Horizontal well within 480 acre pooled unit, assigning 320 proration acres. Pooled Unit is created for horizontal development only.

Attach Additional Pages As Needed. ■ **No additional pages** ☐ **Additional Pages: _____ (No. of additional pages)**

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Signature	Name and title (type or print)	Email (include email address *only* if you affirmatively consent to its public release)
	Alex Bolanos, Reg. Analyst	abolanos@ajaxres.com

Address	City,	State,	Zip Code	Tel: Area Code	Number	Date: mo. day yr.
24 Greenway Plaza, Ste. 650	Houston	TX	77046	713-400-3944		05/10/2016

RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

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Acreage Designation

Filer is the owner or lessee of all or an undivided portion of the minerals under each tract listed below and has the legal right to drill on each tract traversed by the well that will have perforations or other take points open in the interval of the applied-for field(s). All tracts listed will actually be traversed by the wellbore or the filer has pooling authority or other contractual authority, such as a production sharing agreement, authorizing inclusion of the non-drillsite tract in the acreage assigned to the well.

SECTION V. LISTING OF ALL TRACTS CONTRIBUTING ACREAGE TO AN RRC DESIGNATED DRILLSITE DEVELOPMENTAL UNIT THAT IS NOT A SINGLE LEASE, POOLED UNIT, OR GROUP OF TRACTS UNITIZED BY CONTRACT FOR PURPOSES OF SECONDARY RECOVERY

RRC ID No. or Lease No.	Lease Name	Beginning Lease Acreage	Allocated Lease Acreage	Ending Lease Acreage	Operator Name and Operator No. (if different from filing operator)
		Total Allocated Acreage >			< Total Lease Acreage

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION VI. LISTING OF ALL WELLS IN THE APPLIED FOR FIELD ON THE SAME ACREAGE AS THE LEASE OR POOLED UNIT DESIGNATED FOR THE TRACTS LISTED IN SECTION V BY FILER

RRC ID No. or Lease No.	Well No.	Acres Assigned	SWR 38 Except. (Y/N)	H-Horizontal D-Directional V-Vertical	RRC ID No. or Lease No.	Well No.	Acres Assigned	SWR 38 Except. (Y/N)	H-Horizontal D-Directional V-Vertical
A. Total Wells & Acreage >					**A.** Total Wells & Acreage >				
B. Total Assigned Horiz. Acreage >					**B.** Total Assigned Horiz. Acreage >				
C. Total Assigned Vert./Dir. Acreage >					**C.** Total Assigned Vert./Dir. Acreage >				

SECTION VII. REMARKS

GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Groundwater Advisory Unit

Date Issued:	02 November 2015	**GAU Number:**	17855

Attention:	AJAX RESOURCES, LLC 3355 WEST ALABAMA SUITE HOUSTON, TX 77098	**API Number:**	
		County:	ANDREWS
		Lease Name:	University
		Lease Number:	
Operator No.:	000597	**Well Number:**	101LS
		Total Vertical Depth:	10000
		Latitude:	32.477561
		Longitude:	-102.268881
		Datum:	NAD27

Purpose: New Drill

Location: Survey-University Land; Abstract-003U16; Block-6; Section-24

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

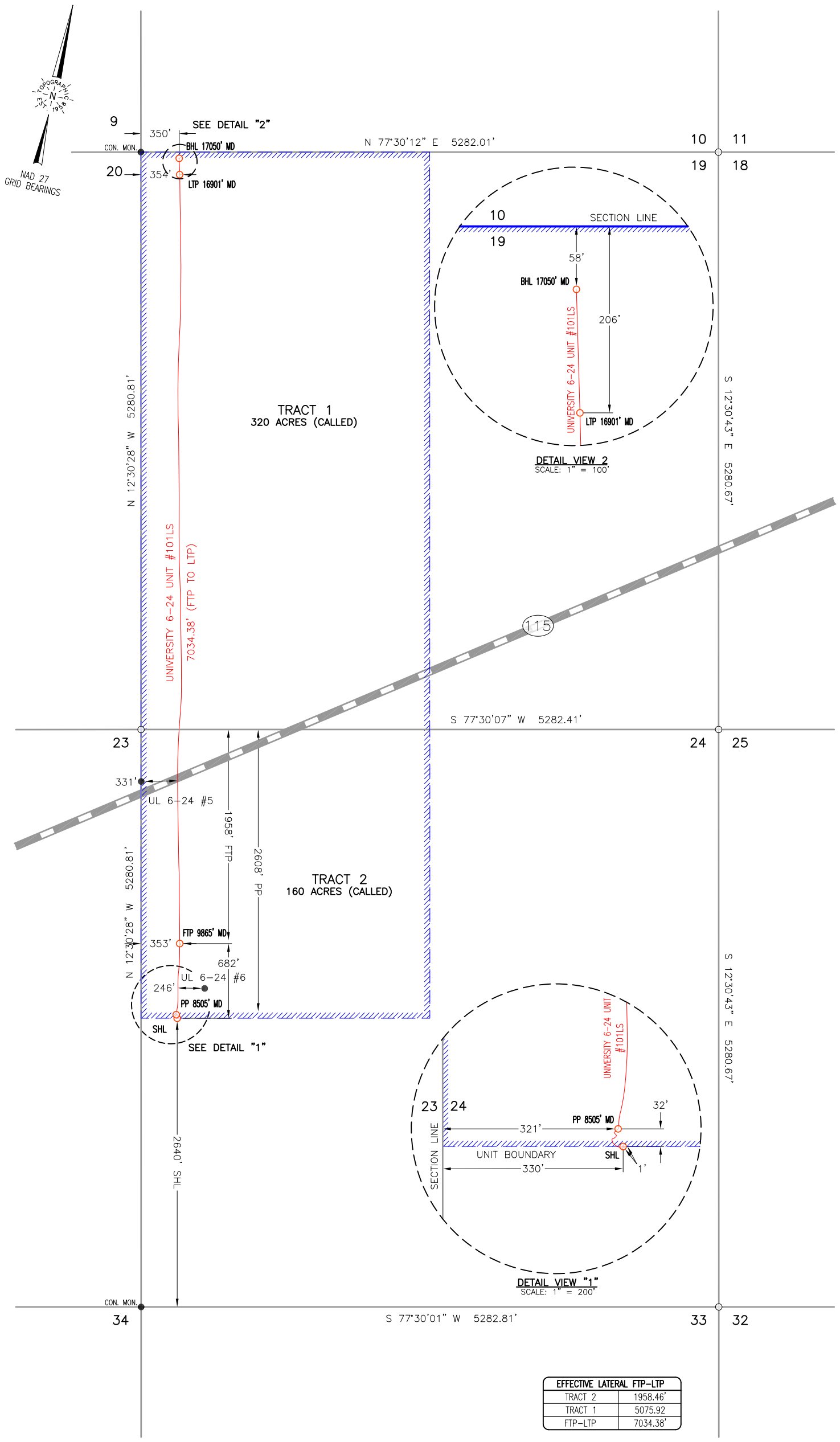
The interval from the land surface to a depth of 250 feet, and the zone from 1400 to 1750 feet must be protected.

This recommendation is applicable for all wells drilled in this Section 24 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 10/30/2015. 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



EFFECTIVE LATERAL FTP-LTP	
TRACT 2	1958.46'
TRACT 1	5075.92
FTP-LTP	7034.38'

Surface Hole Location:

GROUND ELEVATION:

SHL Ground Elevation: 3001'

COORDINATES:

NAD 27 TX-NC ZONE:

X = 529871.03 Y = 328379.76

LAT.: N 32°28'39.22" LONG.: W 102°16'07.97"

LAT.: N 32.4775620 LONG.: W 102.2688808

SURVEY LINE PERPENDICULARS:

2640' FSL & 330' FWL (Sec. 24)

UNIT LINE PERPENDICULARS:

1' FNL & 330' FWL

Penetration Point:

COORDINATES:

NAD 27 TX-NC ZONE:

X = 529855.15 Y = 328409.24

LAT.: N 32°28'39.51" LONG.: W 102°16'08.17"

LAT.: N 32.4776410 LONG.: W 102.2689366

SURVEY LINE PERPENDICULARS:

2608' FNL & 321' FWL (Sec. 24)

UNIT LINE PERPENDICULARS:

32' FSL & 321' FWL

First Take Point:

COORDINATES:

NAD 27 TX-NC ZONE:

X = 529746.03 Y = 329051.09

LAT.: N 32°28'45.80" LONG.: W 102°16'09.78"

LAT.: N 32.4793899 LONG.: W 102.2693845

SURVEY LINE PERPENDICULARS:

1958' FNL & 353' FWL (Sec. 24)

UNIT LINE PERPENDICULARS:

682' FSL & 353' FWL

Last Take Point:

COORDINATES:

NAD 27 TX-NC ZONE:

X = 528224.00 Y = 335916.67

LAT.: N 32°29'52.99" LONG.: W 102°16'31.18"

LAT.: N 32.4980528 LONG.: W 102.2753267

SURVEY LINE PERPENDICULARS:

206' FNL & 354' FWL (Sec. 19)

UNIT LINE PERPENDICULARS:

206' FNL & 354' FWL

Bottom Hole Location:

COORDINATES:

NAD 27 TX-NC ZONE:

X = 528187.80 Y = 336061.16

LAT.: N 32°29'54.40" LONG.: W 102°16'31.68"

LAT.: N 32.4984451 LONG.: W 102.2754653

SURVEY LINE PERPENDICULARS:

58' FNL & 350' FWL (Sec. 19)

UNIT LINE PERPENDICULARS:

58' FNL & 350' FWL

All Coordinates are in NAD 27 TX-NC Zone unless otherwise noted.

REV#-BY	DATE REVISED	REV#-BY	DATE REVISED
3-JBT	05/25/16	1-XXX	XX/XX/XX

SPECIAL NOTES:

AJAX RESOURCES, LLC

"University 6-24 Unit"

480 ACRES (CALLED)

LEGEND

- Unit Boundary
- Section Lines
- X Fence
- E Powerline
- Pipeline
- Lease Road
- Calculated Corner

CERTIFICATION:

This well location shown on this permit plat was surveyed under my direct supervision. All As-Drilled information provided by Ajax Resources, LLC. This plat is for Texas Railroad Commission permit purpose only and should not be considered a boundary survey.

STATE OF TEXAS REGISTERED WILLIAM J. KEATING 5041 PROFESSIONAL LAND SURVEYOR

Texas Reg. No. 5041

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM
Texas FIRM Registration NO. 10042500

FILE NAME: AD_UNIVERSITY_6_24_UNIT_101LS_REV3

AJAX RESOURCES, LLC

LEASE NAME & WELL NO.:

UNIVERSITY 6-24 UNIT #101LS "AS-DRILLED"

TOPOGRAPHY & VEGETATION:

NATURAL MESQUITE PASTURE

NEAREST TOWN IN COUNTY:

±19.4 MILES NORTHEAST OF ANDREWS, TEXAS

LOCATION DESCRIPTION:

SHL/PP/FTP: SECTION 24, BLOCK 6, UNIVERSITY LAND SURVEY

LTP/BHL: SECTION 19, BLOCK 6, UNIVERSITY LAND SURVEY

ANDREWS COUNTY, TEXAS

Scale: 1" = 1000'	Surveyed: 10/19/2015	ORIGINAL DOC. SIZE: 11"x17"
COGO: 762-113024		Drawn By: JBT; 05/25/16