



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 02/20/2020
Tracking No.: 224128

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

OPERATOR INFORMATION

Operator Name: FIVESTONES ENERGY LLC
Operator No.: 271567
Operator Address: PO BOX 51082 MIDLAND, TX 79710-0000

WELL INFORMATION

API No.: 42-003-03923
Well No.: 2
Lease Name: UNIVERSITY 35A
RRC Lease No.: 47667
Location: Section: 35, Block: 11, Survey: UL, Abstract: U355
County: ANDREWS
RRC District No.: 08
Field Name: MARTIN (CONSOLIDATED)
Field No.: 57774275
Latitude: 32
Longitude: -102
This well is located 19 miles in a SW direction from ANDREWS, which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Initial Potential
Type of completion: Deepening
Well Type: Producing
Completion or Recompletion Date: 10/05/2019
Type of Permit
Date
Permit No.
Permit to Drill, Plug Back, or Deepen
08/05/2019
855857
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 08/12/2019
Date of first production after rig released: 10/05/2019
Date plug back, deepening, recompletion, or drilling operation commenced: 08/12/2019
Date plug back, deepening, recompletion, or drilling operation ended: 09/27/2019
Number of producing wells on this lease in this field (reservoir) including this well: 2
Distance to nearest well in lease & reservoir (ft.): 1792.0
Total number of acres in lease: 165.40
Elevation (ft.): 3259 GL
Total depth TVD (ft.): 7447
Total depth MD (ft.):
Plug back depth TVD (ft.): 7324
Plug back depth MD (ft.):
Was directional survey made other than inclination (Form W-12)? No
Rotation time within surface casing (hours):
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? No
Multiple completion? No
Type(s) of electric or other log(s) run: Neutron/Density logs (combo of tools)
Electric Log Other Description:
Location of well, relative to nearest lease boundaries
Off Lease : No
of lease on which this well is located: 1056.0 Feet from the South Line and
556.0 Feet from the East Line of the
UNIVERSITY 35A Lease.

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

	Field & Reservoir	Gas ID or Oil Lease No.	Well No.	Prior Service Type
PACKET	EMBAR (PERMIAN)	38929	2W	

W2:	N/A			
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:				
GAU Groundwater Protection Determination		Depth (ft.):	1300.0	Date: 08/14/2019
SWR 13 Exception		Depth (ft.):		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of test: 11/21/2019		Production method: Pumping	
Number of hours tested: 24		Choke size: NA	
Was swab used during this test? No		Oil produced prior to test: 1803.00	
PRODUCTION DURING TEST PERIOD:			
Oil (BBLS): 70.00		Gas (MCF): 108	
Gas - Oil Ratio: 1542		Flowing Tubing Pressure:	
Water (BBLS): 139			
CALCULATED 24-HOUR RATE			
Oil (BBLS): 70.0		Gas (MCF): 108	
Oil Gravity - API - 60.: 35.7		Casing Pressure: 32.00	
Water (BBLS): 139			

CASING RECORD											
Row	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size	Size	Depth	Stage	Tool		Amount	Volume	Cement	Determined
		(in.)	(in.)	(ft.)	Depth (ft.)	Depth (ft.)	Class	(sacks)	(cu. ft.)	(ft.)	By
1	Surface	9 5/8	12 1/4	253			CLASS C	225	551.0	SURF ACE	Circulated to Surface
2	Intermediate	5 1/2	8 3/4	5801			CLASS C	450	1015.0	3368	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
1	4 1/2	4 3/4		7447	C 50/50	225	639.0	2602	Cement Evaluation Log

TUBING RECORD			
Row	Size (in.)	Depth (ft.)	Packer Depth (ft.)/Type
1	2 3/8	6746	/

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
1	No	L 6763	7319.0

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: 6500			
Actual maximum pressure (PSIG) during hydraulic fracturing: 6859			
Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? No			
Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
1	Fracture	5289 BBLs WTR, 182,660# SAND	7129 7319

2	Fracture	5177 BBLS WTR, 212,340# SAND	7007	7059
3	Fracture	4203 BBLS, WTR, 121,740# SAND	6763	7319
4	Cement Squeeze	300 SACKS CLASS C	5578	5734

FORMATION RECORD

Formations	Encountered	Depth TVD (ft.)	Depth MD (ft.)	Is formation isolated?	Remarks
YATES	No			No	N/A
SEVEN RIVERS	No			No	N/A
QUEEN	No			No	N/A
GRAYBURG	No			No	N/A
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4150.0		Yes	
HOLT	No			No	N/A
GLORIETA	No			No	N/A
TUBB	No			No	N/A
CLEARFORK	Yes	5430.0		Yes	
PERMIAN DETRITAL	No			No	N/A
LEON	No			No	N/A
WICHITA ALBANY	Yes	6828.0		Yes	
SPRABERRY	No			No	N/A
DEAN	No			No	N/A
WOLFCAMP	No			No	N/A
CANYON	No			No	N/A
PENNSYLVANIAN	No			No	N/A
MCKEE	No			No	N/A
STRAWN	No			No	N/A
FUSSELMAN	No			No	N/A
DEVONIAN	No			No	N/A
SILURIAN	No			No	N/A
ELLENBURGER	No			No	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

RRC REMARKS

OPERATOR'S CERTIFICATION

Telephone No.: (432) 618-9929

Date Certified: 12/10/2019

Date Certified: 12/10/2019



RAILROAD COMMISSION OF TEXAS

1701 N. CONGRESS

P.O. Box 12967

Austin, Texas 78701-2967

CEMENTING REPORT

Operator Name: Five Stones		Operator P-5 No.: 271567	
Cementer Name: Big E Services		Cementer P-5 No.: 69423	

District No.: 08		WELL INFORMATION	
Well No.: #2		County: Andrews	
Lease Name: University 35A		API No.: 42-003-03923	
Field Name: MARTIN (CONSOLIDATED)		Drilling Permit No.: 855857	
		Lease No.: 47667	
		Field No.: 57774275	

I. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No		Setting depth shoe (ft.):		Top of Liner (ft.):	
Remarks: If no or surface casing, explain in				No. of centralizers used:	
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing Date: 8/14/2019	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered Production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> 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.)		Tapered string drilled hole size (ft.)			
Upper:	Lower:	Upper:	Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> Yes <input type="checkbox"/> 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	0			0	0

III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered Production <input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> 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.)		Tapered string drilled hole size (ft.)			
Upper:	Lower:	Upper:	Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> Yes <input type="checkbox"/> 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	0			0	0

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	8/14/2019	8/14/2019					
Size of hole or pipe (in.)	5 1/2"	5 1/2"					
Depth to bottom of tubing or drill pipe (ft.)	5223'	5223'					
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used	200	100					
Slurry volume pumped (cu. ft.)	434	133					
Calculated top of plug (ft.)	5461'	5461'					
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)	12	14.8					
Class/type of cement	C	C					
Perforate and squeeze (YES/NO)							

REMARKS	
#1	CEMENT SQUEEZED CLEAR FORK 5578' - 5734'
#2	
#3	

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.

Carlos Tavaréz
 Name and title of cementer's representative
 PO Box 67047
 Address
 Big E Services
 Cementing Company
 Midland, TX 79711
 City, State, Zip Code
 432-550-2443
 Tel: Area Code Number
 Signature
 8/14/2019
 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.

NELSON PATTON
 Type or printed name of operator's representative
 PO Box 51082
 Address
 OPERATIONS
 Title
 MIDLAND, TX. 79710
 City, State, Zip Code
 432-618-9929
 Tel: Area Code Number
 Signature
 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 an A11d 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&ri=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&ri=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

OPERATOR INFORMATION

Operator Name: Five Stones

Cementer Name: Big E Services

Operator P-5 No.: 271567

Cementer P-5 No.: 69423

WELL INFORMATION

District No.: 08

Well No.: #2

County: Andrews

Lease Name: University 35A

API No.: 42-003-03923

Drilling Permit No.: 855857

Field Name: MARTIN (CONSOLIDATED)

Lease No.: 47667

Field No.: 57774275

I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☐ Surface ☐ Intermediate ☒ Liner ☐ Production
Drilled hole size (in.): 4 3/4" Depth of drilled hole (ft.): 7447'
Size of casing in O.D. (in.): 4 1/2" Casing weight (lbs/ft) and grade: 11.6 # Est. % wash-out or hole enlargement: 25%
Remarks: ☐ Yes ☒ No If no or surface casing, explain in
Setting depth shoe (ft.): 7445'
Top of Liner (ft.): SURFACE
Hrs. waiting on cement before drill-out: Calculated top of cement (ft.): 2602' Cementing Date: 8/28/2019

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	25	C	Remarks #2	125.00	1132
2	200	C	Remarks #2	514.00	10208
3					
Total	225			639	11340

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.):
Size of casing in O.D. (in.): Casing weight (lbs/ft) and grade: Est. % wash-out or hole enlargement:
Tapered string drilled hole size (in.) Upper: Lower: Tapered string drilled hole size (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	0			0	0

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.):
Size of casing in O.D. (in.): Casing weight (lbs/ft) and grade: Est. % wash-out or hole enlargement:
Tapered string drilled hole size (in.) Upper: Lower: Tapered string drilled hole size (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	0			0	0

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
#1 100%C .7%C-43 .7%C-45 .25%C-41p
#2 50/50C 10%Gel .4%C-19 .5%C-45 5%Gypsum .25%C-41p 5%Salt
#3 Cement to Surface <i>in 1956 on the 9 5/8" casing.</i>

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.

Carlos Tavaréz Big E Services [Signature]
 Name and title of cementer's representative Cementing Company Signature
PO Box 67047 Midland, TX 79711 432-550-2443 8/28/2019
 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.

NELSON PATTON OPERATIONS [Signature]
 Type or printed name of operator's representative Title
PO BOX 51082 MIDLAND TX 79710 432-618-9929
 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 an A11d abandon a well, operators must use only cements approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readtacSext.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

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 14 August 2019**GAU Number:** 246303**Attention:** FIVESTONES ENERGY LLC
PO BOX 51082
MIDLAND, TX 79710**Operator No.:** 271567**API Number:** 00303923
County: ANDREWS
Lease Name: University 35A
Lease Number: 47667
Well Number: 2
Total Vertical Depth: 9000
Latitude: 32.103556
Longitude: -102.750330
Datum: NAD27**Purpose:** Recompletion (RC)**Location:** Survey-UL; Abstract-U355; Block-11; Section-35

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

The base of usable-quality water that must be protected is estimated to occur at a depth of 1300 feet below the land surface. Moreover, the interval from the land surface to a depth of 250 feet and the usable-quality water contained in the Zone from a depth of 900 feet to 1300 feet must be isolated from water in overlying and underlying beds.

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 08/13/2019. 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

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

Block 11, University Lands Survey Andrews County, Texas

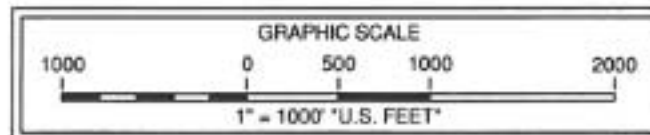
27 26
34 35

25
36



FIVESTONES ENERGY
165.4 Acres

GRID N: (Y)199566.657
GRID E: (X)374772.433
NAD83 Lat/Long
Lat: 32°06'13.204"
Long: -102°45'02.765"



Note: Well is located 19 miles Southwest of the city of Andrews, Texas.

Note: Survey Reconstruction filed in the Office of Pennell & Marlowe Land Surveyors, Inc.

Note: Coordinates shown herein are on The Texas Coordinate System of 1927, North Central Zone.

Note: Example: (S-99999) indicates General Land Office file number.

Revised: 08/01/2019-KRM
USGS Quadrangle Sheet: Bedford Ranch, Tex.

Railroad Commission Permit Plat

FIVESTONES ENERGY
University 35A #2
1056' FROM SOUTH LINE
2156' FROM WEST LINE
University 35A Lease
165.4 Acres being the SW/4 of
Section 35, Block 11
University Lands Survey
Andrews County, Texas

Scale: 1" = 1000'



Stephen P. Marlowe
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5715



July 19, 2019

190719/JR-BCL

P.O. Box 51887, Midland, Texas 79710 (432) 262-0901 Fax (432) 262-0679 Firm #100201-00