



**RAILROAD COMMISSION OF TEXAS**

**Form W-2**

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

Status: Approved  
 Date: 06/25/2021  
 Tracking No.: 247524

**OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,**

**OPERATOR INFORMATION**

<b>Operator</b>	SEM OPERATING COMPANY LLC	<b>Operator</b>	766370
<b>Operator</b>	SUITE 1850 2050 WEST SAM HOUSTON PKWY S HOUSTON, TX 77042-0000		

**WELL INFORMATION**

<b>API</b>	42-383-40845	<b>County:</b>	REAGAN
<b>Well No.:</b>	3611WB	<b>RRC District</b>	7C
<b>Lease</b>	UNIVERSITY 09C	<b>Field</b>	LIN (WOLFCAMP)
<b>RRC Lease</b>	18623	<b>Field No.:</b>	53613750
<b>Location</b>	Section: 36, Block: 2, Survey: UL, Abstract: U72		
<b>Latitude</b>	31.289375	<b>Longitud</b>	-101.684972
<b>This well is</b>	14.92	<b>miles in a</b>	NW
<b>direction from</b>	BIG LAKE,		
<b>which is the nearest town in the</b>			

**FILING INFORMATION**

<b>Purpose of</b>	Initial Potential		
<b>Type of</b>	New Well		
<b>Well Type:</b>	Producing	<b>Completion or Recompletion</b>	03/15/2021
<b>Type of Permit</b>		<b>Date</b>	<b>Permit No.</b>
<b>Permit to Drill, Plug Back, or</b>		01/24/2020	861083
<b>Rule 37 Exception</b>			
<b>Fluid Injection</b>			
<b>O&amp;G Waste Disposal</b>			
<b>Other:</b>			

**COMPLETION INFORMATION**

<b>Spud</b>	02/09/2020	<b>Date of first production after rig</b>	03/15/2021
<b>Date plug back, deepening, drilling operation</b>	02/09/2020	<b>Date plug back, deepening, recompletion, drilling operation</b>	12/25/2020
<b>Number of producing wells on this lease this field (reservoir) including this</b>	13	<b>Distance to nearest well in lease &amp; reservoir</b>	2486.0
<b>Total number of acres in</b>	4926.74	<b>Elevation</b>	2619 GL
<b>Total depth TVD</b>	8465	<b>Total depth MD</b>	19386
<b>Plug back depth TVD</b>		<b>Plug back depth MD</b>	
<b>Was directional survey made other inclination (Form W-</b>	Yes	<b>Rotation time within surface casing</b>	24.0
<b>Recompletion or</b>	No	<b>Is Cementing Affidavit (Form W-15)</b>	No
<b>Type(s) of electric or other log(s)</b>	Gamma Ray (MWD)		
<b>Electric Log Other Description:</b>			
<b>Location of well, relative to nearest lease of lease on which this well is</b>	221.0 Feet from the	<b>Off Lease :</b>	Yes
	389.0 Feet from the	<b>South Line and</b>	
		<b>West Line of the</b>	
		<b>UNIVERSITY 09C Lease.</b>	

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

<u>Field &amp; Reservoir</u>	<u>Gas ID or Oil Lease</u>	<u>Well No.</u>	<u>Prior Service Type</u>
PACKET:	N/A		

W2: N/A

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

<b>GAU Groundwater Protection Determination</b>	<b>Depth</b>	475.0	<b>Date</b>	01/20/2020
<b>SWR 13 Exception</b>	<b>Depth</b>			

**INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION**

<b>Date of</b>	04/05/2021	<b>Production</b>	Flowing
<b>Number of hours</b>	24	<b>Choke</b>	0/64
<b>Was swab used during this</b>	No	<b>Oil produced prior to</b>	8550.00
<b>PRODUCTION DURING TEST PERIOD:</b>			
<b>Oil</b>	658.00	<b>Gas</b>	507
<b>Gas - Oil</b>	770	<b>Flowing Tubing</b>	245.00
<b>Water</b>	2619		
<b>CALCULATED 24-HOUR RATE</b>			
<b>Oil</b>	658.0	<b>Gas</b>	507
<b>Oil Gravity - API - 60.:</b>	44.0	<b>Casing</b>	973.00
<b>Water</b>	2619		

**CASING RECORD**

<u>Ro</u>	<u>Type of Casing</u>	<u>Casing Size (in.)</u>	<u>Hole Size</u>	<u>Setting Depth</u>	<u>Multi - Stage</u>	<u>Multi - Stage Shoe</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
1	Surface	13 3/8	17 1/2	541			C	612	1055.0	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	7814		7814	C	825	1808.0	5000	Calculation
3	Intermediate	9 5/8	12 1/4	7814	4858		C	1185	2853.0	325	Calculation
4	Conventional Production	5 1/2	8 3/4	19383			C, H	3285	5577.0	0	Circulated to Surface

**LINER RECORD**

<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

**TUBING RECORD**

<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>	<u>Packer Depth (ft.)/Type</u>
1	2 7/8	7931		7916 / AS-1X

**PRODUCING/INJECTION/DISPOSAL INTERVAL**

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 8818	19288.0

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

<b>Was hydraulic fracturing treatment</b>		Yes	
<b>Is well equipped with a downhole sleeve?</b> No		<b>If yes, actuation pressure</b>	7000.0
<b>Production casing test pressure (PSIG) hydraulic fracturing</b>	6500	<b>Actual maximum pressure (PSIG) during fracturin</b>	7500
<b>Has the hydraulic fracturing fluid disclosure been</b>		Yes	
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>
1	Fracture	FLUID 544,613 ACID 1,679 WATER 542,934 SAND 26,254,070 SLURRY 575,330	8818 19288

**FORMATION RECORD**

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
GRAYBURG	Yes	2131.0	2131.0	Yes	ISOLATED BY CEMENT.
QUEEN	Yes	3582.0	3582.0	Yes	ISOLATED BY CEMENT.
SAN ANDRES - SALTWATER FLOW, POSSIBLY HEAVY CLEARFORK	Yes	4498.0	4498.0	Yes	ISOLATED BY CEMENT.
SPRABERRY	Yes	7010.0	7010.0	Yes	ISOLATED BY CEMENT.
WOLFCAMP	Yes	8338.0	8338.0	Yes	ISOLATED BY CEMENT.
STRAWN	No			No	DID NOT ENCOUNTER. TD IN WOLFCAMP.
FUSSELMAN	No			No	DID NOT ENCOUNTER. TD IN WOLFCAMP.
ELLENBURGER	No			No	DID NOT ENCOUNTER. TD IN WOLFCAMP.

**Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm** No

**Is the completion being downhole commingled** No

**REMARKS**

KOP: 7,956

**RRC REMARKS**

**PUBLIC COMMENTS:**

[RRC Staff 2021-06-25 10:27:31.752] Completion type should be listed as Other/Recompletion because this well is already on schedule.

**CASING RECORD :**

**TUBING RECORD:**

**PRODUCING/INJECTION/DISPOSAL INTERVAL :**

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

**POTENTIAL TEST DATA:**

**OPERATOR'S CERTIFICATION**

<b>Printed</b>	Amanda Landrem	<b>Title:</b>	
<b>Telephone</b>	(903) 705-0829	<b>Date</b>	06/22/2021



# 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: Sequitur Energy Operator P-5 No.: 766360  
Cementer Name: C&J Spec-Rent Services, Inc. Cementer P-5 No.: 120533

### WELL INFORMATION

District No.: 7C County: Reagan  
Well No.: 3611WB API No.: 42-383-40845 Drilling Permit No.: 861083  
Lease Name: University 9C Lease No.:  
Field Name: 0 LIN(WOLFCAMP) Field No.: 53613750

### I. CASING CEMENTING DATA

Type of Casing:  Conductor  Surface  Intermediate  Liner  Production  
 Drilled hole size (in.): 17 1/2 Depth of drilled hole (ft.): 541 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: 7  
 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.): 541 Top of liner (ft.):  
 Setting depth liner (ft.):  
 Hrs. waiting on cement before drill-out: Calculated top of cement (ft.): 0 Cementing date: 2/9/2020

### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	215	CLASS C	REMARKS	520	752
2	250	CLASS C	REMARKS	338	485
3	147	CLASS C	REMARKS	197	284
Total	612			1055	1485

### II. CASING CEMENTING DATA

Type of casing:  Surface  Intermediate  Production  Tapered production  Multi-stage cement sho  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 depth of drilled hole (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? 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 too  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 depth of drilled hole (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? 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					

**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**

REMARKS 1: 2% SMS + 2% CACL2

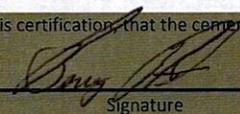
REMARKS 2: 2% CACL2

REMARKS 3: CLASS C NEAT

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

BENNY RODRIGUEZ

C&J Spec-Rent Services, Inc.



Name and title of cementer's representative

Cementing Company

Signature

2601 E 120 Midland, Texas 79706

432-686-8559

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

Amanda Landrem

Regulaotry Assistant

ALandrem

Typed or printed name of operator's representative

Title

Signature

909 ESE Loop 323 Suite 777 Tyler, Tx 75701

903-730-0754

9/23/2020

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),

- 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 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 accordance with the instructions on the back of the form.
- 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 78712967).
- 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 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
- 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 shoe in the Casing Cementing Data section.
- 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 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  
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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: Sequitur Energy Operator P-5 No.: 766360  
Cementer Name: C&J Spec-Rent Services, Inc. Cementer P-5 No.: 120533

### WELL INFORMATION

District No.: 7C County: Reagan  
Well No.: 3611WB API No.: 42-383-40845 Drilling Permit No.: 861083  
Lease Name: University 9C Lease No.:  
Field Name: LIN (WOLFCAMP) Field No.: 53613750

### 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 1/4 Depth of drilled hole (ft.): 7814 Est. % wash-out or hole enlargement:  
Size of casing in O.D. (in.): 9 5/8 Casing weight (lbs/ft) and grade: 40#/J-55& L-80 No. of centralizers used: 50  
Tapered string drilled hole size (in.) Tapered string depth of drilled hole (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:  
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES  NO  Setting depth shoe (ft.): 7814  
Hrs. waiting on cement before drill-out: Calculated top of cement (ft.): 5000 Cementing date: 3/4/2020

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	500	50:50 CLASS C	REMARKS	1395	4444
2	325	35:65 CLASS C	REMARKS	413	1254
3					
Total	825			1808	5698

### 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 1/4 Depth of drilled hole (ft.): 7814 Est. % wash-out or hole enlargement:  
Size of casing in O.D. (in.): 9 5/8 Casing weight (lbs/ft) and grade: 40#/J-55&L-80 No. of centralizers used: 50  
Tapered string drilled hole size (in.) Tapered string depth of drilled hole (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:  
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES  NO  Setting depth shoe (ft.): 4858  
Hrs. waiting on cement before drill-out: Calculated top of cement (ft.): 325 Cementing date: 3/4/2020

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	875	50:50 CLASS C	REMARKS	2441	7796
2	310	CLASS C	REMARKS	412	1308
3					
Total	1185			2853	9104

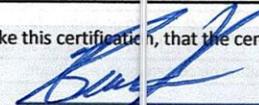
**CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON**

	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**

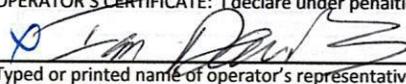
REMARKS 1: 10% GEL + .6% SMS + .25 PPS CELLOFLAKE + 3PPS KOLSEAL + .25% CITRIC ACID + .2% C-40P + 5% SALT  
 REMARKS 2: .2% O-TX47A + .4% LT/MT RETARDER + .2% C-40P + 5% SALT  
 REMARKS 3: 10% GEL + 1% SMS + .1% CITRIC ACID + .2% C-40P + 5% SALT  
 REMARKS 4: .25% .LT/MT RETARDER

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

**BENNY RODRIGUEZ** **C&J Spec-Rent Services, Inc.**  
 Name and title of cementer's representative Cementing Company   
 Signature

2601 E I20 Midland, Texas 79706 432-686-8559  
 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

 **Amanda Landrem** **Regulatory Assistant**  
 Typed or printed name of operator's representative Title Signature

909 ESE Loop 323 Suite 777 Tyler, Tx 75701 903-730-0754 9/23/2020  
 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),
- 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 should be reported on one Form W-15. 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
  - 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 787112967).
  - 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 casing. 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
  - 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-
  - 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
  - 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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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: Sequitur Energy Resources	Operator P-5 No.: 766360
Cementer Name: NexTier Completion Solutions Inc.	Cementer P-5 No.: 609375

### WELL INFORMATION

District No.: 7C	County: Reagan
Well No.: 3611WB	API No.: 42-383-40845
Lease Name: University 9C	Drilling Permit No.: 861083
Field Name: LIN (WOLFCAMP)	Lease No.:
	Field No.: 53613750

### I. CASING CEMENTING DATA

Type of Casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input checked="" type="checkbox"/> Production					
Drilled hole size (in.): 8 3/4	Depth of drilled hole (ft.): 19383	Est. % wash-out or hole enlargement:			
Size of casing in O.D. (in.): 5 1/2	Casing weight (lbs/ft) and grade:	No. of centralizers used: 178			
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.): 19383	Top of liner (ft.):			
		Setting depth liner (ft.):			
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Cementing date: 12/24/2020			
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	685	POZ/C	REMARKS1	1781	6831.89
2	2600	POZ/H	REMARKS2	3796	14918.24
3					
Total	3285			5577	21750.13

### 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 sho <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 depth of drilled hole (ft.)				
Upper:	Lower:	Upper:			
Lower:	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:	Lower:				
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>	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: <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 depth of drilled hole (ft.)				
Upper:	Lower:	Upper:			
Lower:	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:	Lower:				
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES <input type="checkbox"/> NO <input type="checkbox"/>	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					

**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) 10% NEX-020+1% NAC-102+.2% NFP-702+.45% NCA-1+5 BWOW NAC-111  
 2) 2% NEX-020+.25% NAS-504+.2% NFL-549+.2% NFP-702+.2% NRT-213

**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.

**LEO RODRIGUEZ**

**NexTier Completion Solutions Inc.**



Name and title of cementer's representative

Cementing Company

Signature

2601 E I20 Midland, Texas 79706

432-686-8559

12/24/2020

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.

**Amanda Landrem**

**Regulatory Assistant**

**ALandrem**

Typed or printed name of operator's representative

Title

Signature

909 ESE Loop 323 Suite 777 Tyler, Tx 75701

903-730-0754

3/16/2021

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),

- 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 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
- 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 787112967).
- 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 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
- 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-
- 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
- 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.

**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: SEM OPERATING COMPANY LLC	District No. 7C	Completion Date: 03/15/2021
Field Name LIN (WOLFCAMP)	Drilling Permit No. 861083	
Lease Name UNIVERSITY 09C	Lease/ID No. 18623	Well No. 3611WB
County REAGAN	API No. 42- 383-40845	

**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). \_\_\_\_\_

\_\_\_\_\_  
Signature  
SEM OPERATING COMPANY LLC  
Name (print)

\_\_\_\_\_  
Title  
(903) 705-0829      03/16/2021  
Phone      Date

# Gamma Ray



5" = 100'  
MD FT

Company: Sequitur Energy Resources, LLC.  
Well: University 9C 3611 WB  
Field: Wolfcamp  
API: 42-383-40845  
County: Reagan  
State: Texas  
Country: USA  
Rig: Independence #217  
AFE: B20013  
Job: TX-20-1206

Company: **Sequitur Energy Resources, LLC.**  
Well: **University 9C 3611 WB**  
Field: **Wolfcamp**  
API: **42-383-40845**  
County: **Reagan**  
State **Texas**  
Country **USA**  
Rig: **Independence #217**

**Well Location**      **NAD 1927**      **Texas Central 4203**  
**Latitude: 31.289377**      **Longitude: 101.684972**  
Y: 592,722.38      X: 1,577,816.67

**Section:**      **Twtnship:**      **Rnge:**

Permanent Datum: **Mean Sea Level**      Kelly Bushing Elev: **N/A**  
Log Measured From: **Rotary Table**      Drill Floor Elev: **2645.0**  
Height of Reference: **26**      Ground Level Elev: **2619.00**

**Depth Drilled: 7802.0**      **to: 19386.0**  
**Depth Logged: 680.0**      **to: 19386.03**  
**Date Logged: 14 Dec 2020 17:35**      **to: 23 Dec 2020 13:38**

Disclaimer: Wellbenders Directional Services uses its best efforts to provide customers with accurate information and interpretations with services performed but does not warranty the accuracy of information or interpretations.

Hole Data			Casing Data		
Size	From (MD)	To (MD)	Size	From (MD)	To (MD)
17.5	0	546	13 3/8	0	546
12.25	546	7804	9 5/8	0	7804
8.75	7750	19386	5 1/2	0	19386

Remarks

### Run Data

Run Name	MWD Run 1	MWD Run 2	LAS LAS Import.las					
Start Date	15 Dec 2020	16 Dec 2020						
Start Time	10:00	20:30						
End Date	16 Dec 2020	22 Dec 2020						
End Time	19:30	12:35						
Depth In	7802	8803						
Depth Out	8803	19386						
Log Top	7713	8766						
Log Bottom	8766	19345						
Hole Size	8.75	8.75						

### Tool Data

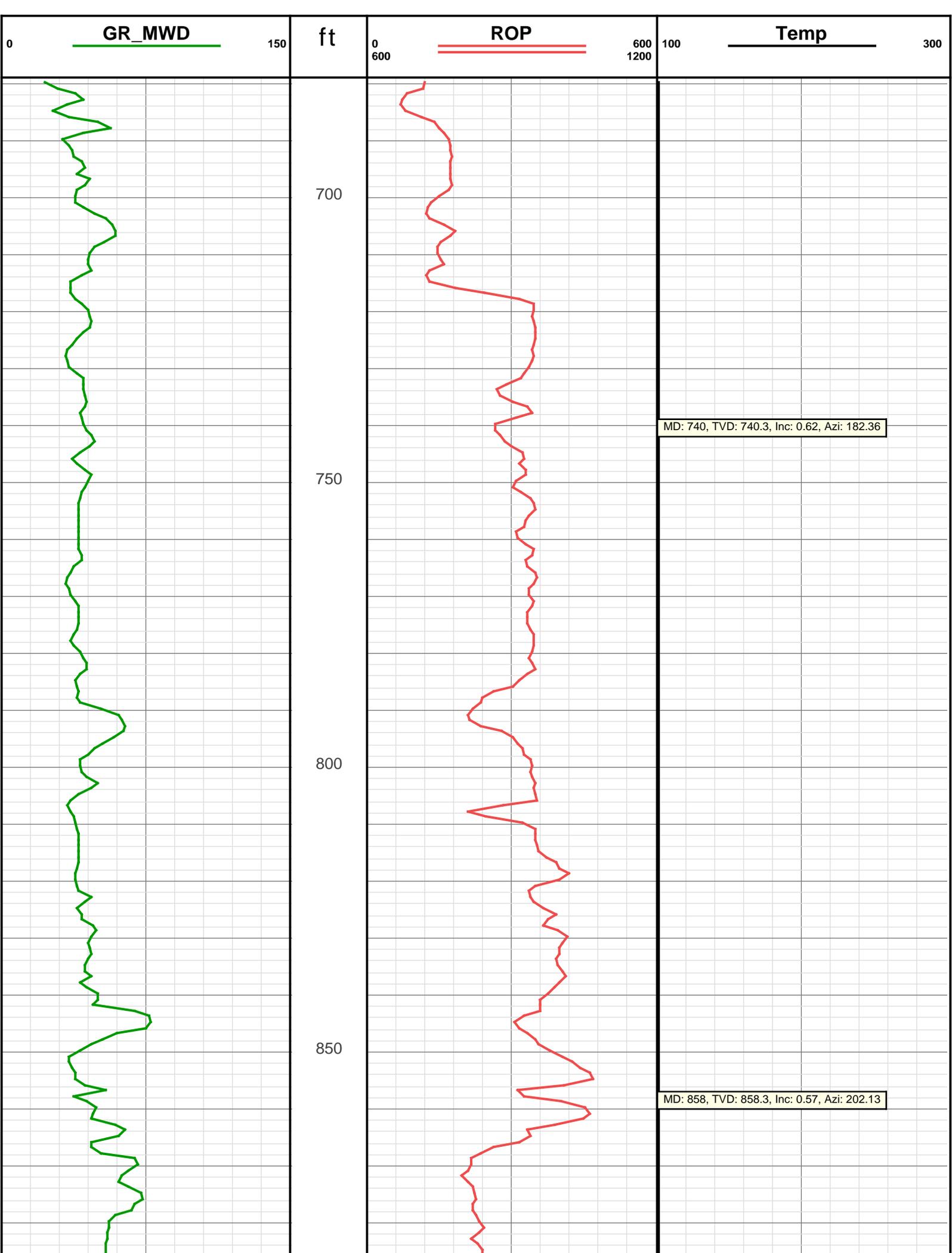
Run Name	MWD Run 1	MWD Run 2	LAS LAS Import.las					
Directional Sensor SN	NDM20136	20269						
Directional Offset	52	57						
Gamma Sensor SN	DG805	626						
Gamma Offset	37	41						
Gamma Corr. Factor	4.25	4.25						

### Mud Data

Run Name	MWD Run 1	MWD Run 2	LAS LAS Import.las					
Mud Type	Oil Based	Oil Based						
Mud Density (lb/gal)	10.2	10.2						
Funnel Visc. (s/qt)	56	57						
Plastic Visc. (cP)	14	14						
pH	NA	NA						
Chlor. Whole Mud (mg/L)	41000	40000						
API Filtrate (cm3/30)	NA	NA						
Max MWD Temp (F)	500.0	242.6						

### Personnel

Run Name	MWD Run 1	MWD Run 2	LAS LAS Import.las					
MWD Operator 1	Joe Sammarco	Joe Sammarco						
MWD Operator 2	Jason Goff	Jason Goff						
MWD Operator 3	N/A	N/A						



909 ESE Loop 323, Suite 777  
Tyler, TX 75701  
903-526-5800  
903-526-5477 FAX  
[www.sequiturenergy.com](http://www.sequiturenergy.com)



## SEM Operating Company LLC

06/25/2021

Railroad Commission of Texas  
Oil and Gas Division  
Austin, TX

RE: Tracking number 247524  
University 09C 3611WB

To Whom it May Concern:

Please accept this letter as a filed waiver to SWR-51A. The completion packet was not filed within 30 days from the test date on record so we would like to apply this waiver so the test date on file can be used accordingly to prevent overproduction.

Please let me know if you need anything further.

Best Regards,

*Amanda Landrem*

Amanda Landrem  
Regulatory Assistant  
SEM Operating Company LLC  
[alandrem@sequitirenergy.com](mailto:alandrem@sequitirenergy.com)

CERTIFICATE OF COMPLIANCE  
 AND TRANSPORTATION AUTHORITY

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.: 247524

1. Field name exactly as shown on proration schedule <b>LIN (WOLFCAMP)</b>		2. Lease name as shown on proration schedule <b>UNIVERSITY 09C</b>					
3. Current operator name exactly as shown on P-5 Organization Report <b>SEM OPERATING COMPANY LLC</b>		4. Operator P-5 no. <b>766370</b>	5. Oil Lse/Gas ID no. <b>18623</b>	6. County <b>REAGAN</b>	7. RRC district <b>7C</b>		
8. Operator address including city, state, and zip code <b>SUITE 1850 2050 WEST SAM HOUSTON PKWY S HOUSTON, TX 77042</b>		9. Well no(s) (see instruction E) <b>3611WB</b>			11. Effective Date <b>03/15/2021</b>		
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)					
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)							
a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____							
- - - - - OR - - - - -							
b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ Due to: <input checked="" type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> 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 <i>(Attach an additional sheet in same format if more space is needed)</i>			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	WTG GAS PROCESSING, L.P.(945227)			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 <i>(Attach an additional sheet in same format if more space is needed)</i>							Percent of Take
MEDALLION OPERATING COMPANY, LLC(558336)							100.0
<b>RRC USE ONLY:</b> Reviewer's initials: <u>RRC Staff</u> Approval date: <u>06/25/2021</u>							
<b>15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING.</b> 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) _____				<input type="checkbox"/> <b>Authorized Employee of previous operator</b>		<input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b>	
Title _____				Date _____		Phone with area code _____	
<b>16. CURRENT OPERATOR CERTIFICATION.</b> 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.							
SEM OPERATING COMPANY LLC				Amanda Landrem			
Name (print) _____				Signature _____			
Title _____				<input checked="" type="checkbox"/> <b>Authorized Employee of current operator</b>		<input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b>	
E-mail Address (optional) <u>alandrem@sequitenergy.com</u>				Date <u>03/16/2021</u>		Phone with area code <u>(903) 705-0829</u>	
				Date _____		Phone with area code _____	



# RAILROAD COMMISSION OF TEXAS

Form P-16

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

Page 1  
 Rev. 09/2019

## Acreage Designation

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 I. OPERATOR INFORMATION			
Operator Name:	SEM Operating Company LLC	Operator P-5 No.:	766370
Operator Address:	2050 W. Sam Houston Parkway S., Suite 1850, Houston, TX 77042		

SECTION II. WELL INFORMATION			
District No.:	7C	API No.:	383-40845
Well No.:	3611WB	Drilling Permit No.:	861083
Lease Name:	UNIVERSITY 09C	RRC ID or Lease No.:	18623
Total Lease Acres:	4926.740	Field Name:	LIN WOLFCAMP
Proration Acres:	320.000	Field No.:	53613750
Wellbore Profile	Horizontal Well	Is this a UFT field?	No
SL Record (Parent) Well Drilling Permit No.:		County:	Reagan

Purpose of Filing:  
 Drilling Permit Application (Form W-1)  
 Completion Report (Form G-1/W-2)

### 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.	Profile	Lease Name	API No.	Acres Assigned	SWR 38 Exempt. (Y/N)	Operator Name and Operator No. (if different from filing operator)
18623	1101H	Horiz.	UNIVERSITY 09C	383-38687	100.000	N	
18623	1106WB	Horiz.	UNIVERSITY 09C	383-39874	100.000	N	
18623	1111WB	Horiz.	UNIVERSITY 09C	383-39817	100.000	N	
18623	1201WB	Horiz.	UNIVERSITY 09C	383-39818	100.000	N	
18623	1201WC	Horiz.	UNIVERSITY 09C	383-40317	100.000	N	
18623	1207WA	Horiz.	UNIVERSITY 09C	383-39819	200.000	N	
18623	3603WB	Horiz.	UNIVERSITY 09C	383-40155	320.000	N	
18623	3605WB	Horiz.	UNIVERSITY 09C	383-40147	320.000	N	
18623	0102WC	Horiz.	UNIVERSITY 09C	383-40311	320.000	N	
18623	0104WB	Horiz.	UNIVERSITY 09C	383-40148	320.000	N	
18623	0105WB	Horiz.	UNIVERSITY 09C	383-40149	320.000	N	
18623	0101WC	Horiz.	UNIVERSITY 09C	383-40309	320.000	N	
18623	1212WB	Horiz.	UNIVERSITY 09C	383-40312	320.000	N	
18623	3611WB	Horiz.	UNIVERSITY 09C	383-40845	320.000	N	

A. Total Assigned Horiz. Acreage =		C. Total Assigned Acreage =	3260.000
Total Remaining Horiz. Acreage =		Total Remaining Acreage =	1666.740
B. Total Assigned Vert./Dir. Acreage =			
Total Remaining Vert./Dir. Acreage =			

### SECTION IV. REMARKS - REQUIRED FOR PSA AND CO-DEVELOPMENT (refer to instructions)

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.

Amanda Landrem  
 Signature

Amanda Landrem, Regulatory Assistant  
 Name and title (type or print)

[alandrem@sequitirenergy.com](mailto:alandrem@sequitirenergy.com)  
 Email  
 (include email address only if you affirmatively consent to its public release)

909 ESE Loop 323, Suite 777      Tyler      TX      75701  
Address      City,      State,      Zip Code

903-705-0829  
Tel:      Area Code      Number

03/16/21  
Date:      mo. day yr.

## GROUNDWATER PROTECTION DETERMINATION

Form GW-2



## Groundwater Advisory Unit

**Date Issued:** 20 January 2020      **GAU Number:** 268789

<b>Attention:</b>	SEM OPERATING COMPANY SUITE 1850 HOUSTON, TX 77042	<b>API Number:</b>	
<b>Operator No.:</b>	766370	<b>County:</b>	REAGAN
		<b>Lease Name:</b>	University 9C
		<b>Lease Number:</b>	18639
		<b>Well Number:</b>	3601WA
		<b>Total Vertical Depth:</b>	10000
		<b>Latitude:</b>	31.289225
		<b>Longitude:</b>	-101.684668
		<b>Datum:</b>	NAD27

**Purpose:** New Production Well  
**Location:** Survey-UL; Abstract-U72; Block-2; Section-36

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-bearing strata is estimated to occur at a depth of 475 feet at the site of the referenced well.

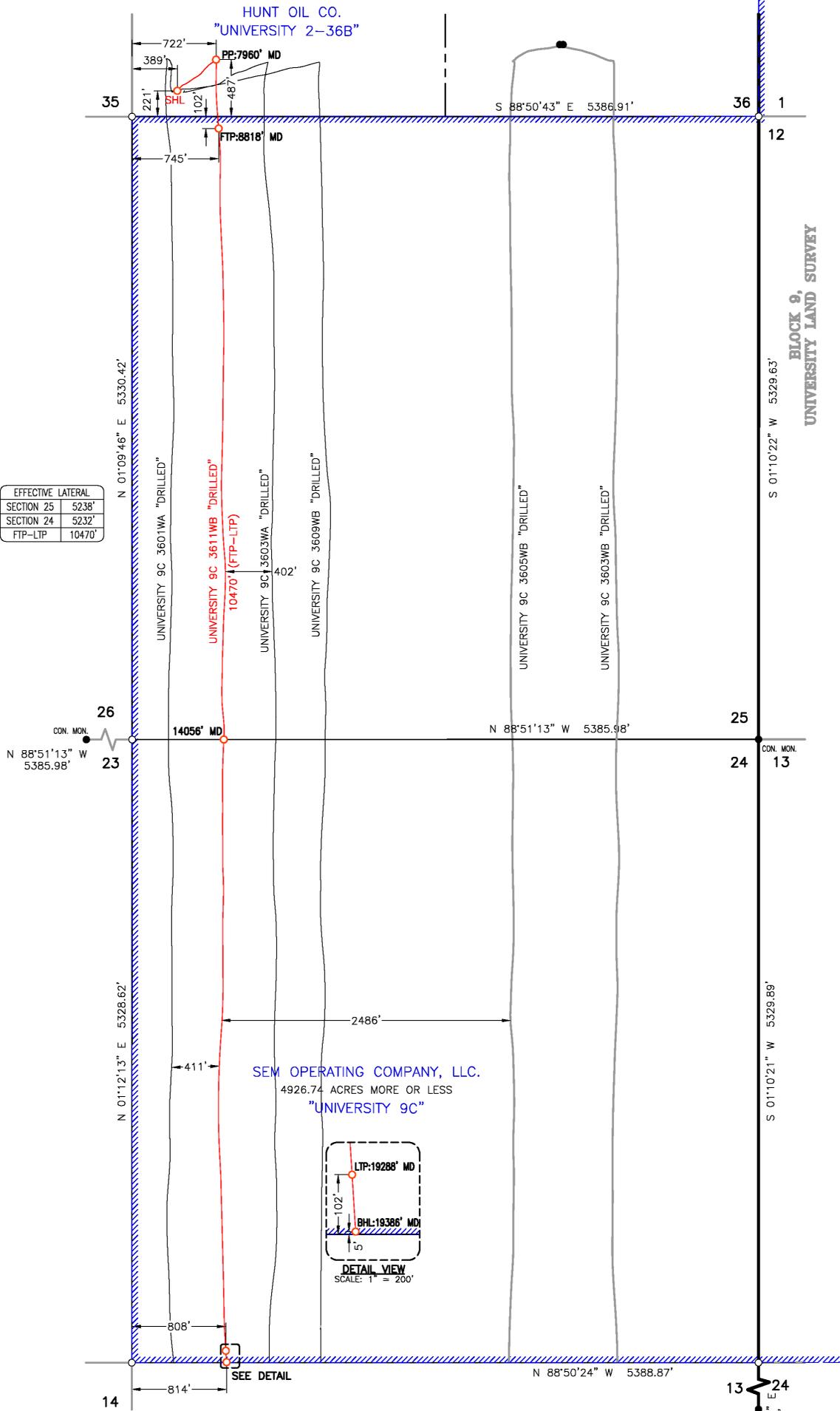
This recommendation is applicable for all wells drilled in this Survey-UL; Block-2; Section-36.

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 01/20/2020. 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.

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



EFFECTIVE	LATERAL
SECTION 25	5238'
SECTION 24	5232'
FTP-LTP	10470'



**SPECIAL NOTES:**  
All Bore survey data provided by client

Original Document Size: 11"x17"  
All Coordinates are in NAD 27  
TX-C Zone unless otherwise noted.

**Surface Hole Location:**  
221' FSL & 389' FWL (SEC. 36)  
OFF LEASE  
SHL Ground Elevation: 2619'  
X = 1577817 Y = 592722  
LAT.: N 31.2893750 LONG.: W 101.6849721  
NAD 83 TX-C ZONE:  
X = 1874285 Y = 10435298  
LAT.: N 31.2895246 LONG.: W 101.6853718

**Penetration Point:**  
487' FSL & 722' FWL (SEC. 36)  
OFF LEASE  
X = 1578155 Y = 592981  
LAT.: N 31.2900997 LONG.: W 101.6839003

**First Take Point:**  
102' FNL & 745' FWL (SEC. 25)  
102' FNLL & 745' FWLL  
X = 1578165 Y = 592392  
LAT.: N 31.2884795 LONG.: W 101.6838430

**Last Take Point Location:**  
102' FSL & 808' FWL (SEC. 24)  
102' FSLL & 808' FWLL  
X = 1578013 Y = 581938  
LAT.: N 31.2597343 LONG.: W 101.6839242

**Bottom Hole Location:**  
5' FSL & 814' FWL (SEC. 24)  
5' FSLL & 814' FWLL  
X = 1578017 Y = 581841  
LAT.: N 31.2594664 LONG.: W 101.6839075

LEGEND	
	Section Line
	Block Line
	Abstract Line
	Tract Line
	Lease Road
	County Road
	Unit/Lease Boundary
	Found Monument
	Set 1/2" Rebar w/cap
	Calculated Corner

Orig. Doc. 11x17      Surveyed: 11/11/19

COGO: 519-89429

Revision: ( )      / /

Drawn By: MV; 03/29/2021

ORIGINAL DOC. SIZE: 11"x17"

**CERTIFICATION:**  
This well location shown on this permit plat was surveyed under my direct supervision. All As-Complete information provided by client. This plat is for Texas Railroad Commission permit purpose only and should not be considered a boundary survey.

Signature Date:  
03/29/2021  
*William J. Keating*  
Texas Reg. No. 5041



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY  
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FILE NAME: AC\_UNIVERSITY\_9C\_3611WB

## SEM OPERATING COMPANY, LLC.

LEASE NAME & WELL NO.:

**UNIVERSITY 9C #3611WB "AS-COMPLETE"**

NEAREST TOWN IN COUNTY:  
±14.94 MILES NORTHWEST OF BIG LAKE, TEXAS

LOCATION DESCRIPTION:

SHL/PP: SECTION 36, BLOCK 2, UNIVERSITY LAND SURVEY  
FTP: SECTION 25, BLOCK 2, UNIVERSITY LAND SURVEY  
LTP/BHL: SECTION 24, BLOCK 2, UNIVERSITY LAND SURVEY  
REAGAN COUNTY, TEXAS