



**RAILROAD COMMISSION OF TEXAS**

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

**Form W-2**  
Status: Work in Progress  
Date:  
Tracking No.: 132656

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

OPERATOR INFORMATION	
<b>Operator Name:</b> SHERIDAN PRODUCTION COMPANY, LLC	<b>Operator No.:</b> 775854
<b>Operator Address:</b> 9 GREENWAY PLAZA STE 1300 HOUSTON, TX 77046-0000	

WELL INFORMATION	
<b>API No.:</b> 42-003-46321	<b>County:</b> ANDREWS
<b>Well No.:</b> 3009	<b>RRC District No.:</b> 08
<b>Lease Name:</b> UNIVERSITY CONS. IV	<b>Field Name:</b> FULLERTON
<b>RRC Lease No.:</b> 18399	<b>Field No.:</b> 33230001
<b>Location:</b> Section: 30, Block: 13, Survey: UL, Abstract: U422	
<b>Latitude:</b>	<b>Longitude:</b>
This well is located 15 miles in a NW direction from ANDREWS, which is the nearest town in the county.	

FILING INFORMATION		
<b>Purpose of filing:</b> Initial Potential		
<b>Type of completion:</b> New Well		
<b>Well Type:</b> Producing	<b>Completion or Recompletion Date:</b>	01/14/2015
<b>Type of Permit</b>	<b>Date</b>	<b>Permit No.</b>
Permit to Drill, Plug Back, or Deepen Rule 37 Exception	09/09/2014	786929
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION		
<b>Spud date:</b> 12/10/2014	<b>Date of first production after rig released:</b>	01/14/2015
<b>Date plug back, deepening, recompletion, or drilling operation commenced:</b> 12/10/2014	<b>Date plug back, deepening, recompletion, or drilling operation ended:</b>	01/14/2015
<b>Number of producing wells on this lease in this field (reservoir) including this well:</b> 24	<b>Distance to nearest well in lease &amp; reservoir (ft.):</b> 626.0	
<b>Total number of acres in lease:</b> 482.48	<b>Elevation (ft.):</b> 3316	RKB
<b>Total depth TVD (ft.):</b> 8800	<b>Total depth MD (ft.):</b>	
<b>Plug back depth TVD (ft.):</b> 8760	<b>Plug back depth MD (ft.):</b>	
<b>Was directional survey made other than inclination (Form W-12)?</b> Yes	<b>Rotation time within surface casing (hours):</b> 24.0	
	<b>Is Cementing Affidavit (Form W-15) attached?</b> Yes	
<b>Recompletion or reclass?</b> No	<b>Multiple completion?</b> No	
<b>Type(s) of electric or other log(s) run:</b> Combo of Induction/Neutron/Density		
<b>Electric Log Other Description:</b>		
<b>Location of well, relative to nearest lease boundaries of lease on which this well is located:</b>	330.0 Feet from the North Line and 408.0 Feet from the West Line of the UNIVERSITY CONSOLIDATED IV Lease.	<b>Off Lease :</b> 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.): 1575.0

Date: 08/12/2014

SWR 13 Exception

Depth (ft.):

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

Date of test: 01/23/2015

Production method: Pumping

Number of hours tested: 24

Choke size:

Was swab used during this test? No

Oil produced prior to test:

**PRODUCTION DURING TEST PERIOD:**

Oil (BBLs): 17.00

Gas (MCF): 1

Gas - Oil Ratio: 58

Flowing Tubing Pressure:

Water (BBLs): 2187

**CALCULATED 24-HOUR RATE**

Oil (BBLs): 17.0

Gas (MCF): 1

Oil Gravity - API - 60.: 32.0

Casing Pressure:

Water (BBLs): 2187

**CASING RECORD**

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	9 5/8	12 1/4	1685			CLASS C	1050	1386.0	1611	Calculation
2	Conventional Production	7	7 7/8	8800			CLASS C	2488	3284.0	1800	Cement Evaluation Log

**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 (ft.)	Packer Depth (ft.)/Type
1	2 7/8	8513	/

**PRODUCING/INJECTION/DISPOSAL INTERVAL**

Row	Open hole?	From (ft.)	To (ft.)
1	No	L 8617	8730.0

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

Was hydraulic fracturing treatment performed? No

Is well equipped with a downhole actuation sleeve? No

If yes, actuation pressure (PSIG):

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

Actual maximum pressure (PSIG) during hydraulic fracturing:

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	Acid	6000 GALS 15% HYDROCHLORIC ACID W/120 BALLS	8617 8730

**FORMATION RECORD**

<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
YATES	No			No	NOT ENCOUNTERED
SEVEN RIVERS	No			No	NOT ENCOUNTERED
QUEEN	No			No	NOT ENCOUNTERED
GRAYBURG	No			No	NOT ENCOUNTERED
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4396.0		Yes	
HOLT	No			No	NOT ENCOUNTERED
GLORIETA	Yes	5216.0		Yes	
TUBB	Yes	6517.0		Yes	
LOWER CLEARFORK	Yes	6588.0		Yes	
CLEARFORK	Yes	5614.0		Yes	
PERMIAN DETRITAL	Yes	8143.0		Yes	
LEON	No			No	NOT ENCOUNTERED
WICHITA ALBANY	Yes	7207.0		Yes	
SPRABERRY	No			No	NOT ENCOUNTERED
DEAN	No			No	NOT ENCOUNTERED
WOLFCAMP	Yes	8088.0		Yes	
CANYON	No			No	NOT ENCOUNTERED
PENNSYLVANIAN	No			No	NOT ENCOUNTERED
MCKEE	No			No	NOT ENCOUNTERED
STRAWN	No			No	NOT ENCOUNTERED
FUSSELMAN	No			No	NOT ENCOUNTERED
DEVONIAN	Yes	8227.0		Yes	
SILURIAN	No			No	NOT ENCOUNTERED
ELLENBURGER	No			No	NOT ENCOUNTERED

Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)? Yes  
 Is the completion being downhole commingled (SWR 10)? No

**REMARKS**

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**RRC REMARKS**

**PUBLIC COMMENTS:**

**CASING RECORD :**

**TUBING RECORD:**

**PRODUCING/INJECTION/DISPOSAL INTERVAL :**

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

**POTENTIAL TEST DATA:**

NEW WELL COMPLETION

**OPERATOR'S CERTIFICATION**

**Printed Name:** Mary Sutton

**Title:** Regulatory Analyst

**Telephone No.:** (432) 253-7966

**Date Certified:** 04/13/2015



# RAILROAD COMMISSION OF TEXAS

1701 N Congress  
P.O. Box 12967  
Austin, Texas 78703-2967

Form W-15

Rev. 08/2014

## CEMENTING REPORT

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

Operator Name: SHERIDAN PRODUCTION COMPANY		Operator P-S No.: 775864	
Cementer Name: JESUS A. BENAVIDES		Cementer P-S No.:	
District No.: 8		County: ANDREWS	
Well No.: 83009		API No.: 003-46321	
Lease Name: UNIVERSITY CONSOLIDATION IV		Drilling Permit No.: 786929	
Field Name: Fulkerton		Lease No.: 18319	
		Field No.: 33230001	

  

Type of Casing:	<input type="checkbox"/> Conductor	<input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Liner	<input type="checkbox"/> Production
Drilled hole size (in.):	12 1/4		Depth of drilled hole (ft.):	1695	
Size of casing in O.D. (in.):	9 5/8		Casing weight (lbs/ft) and grade:	36	
Was cement circulated to ground surface (or bottom of collar) outside casing? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			Setting depth shoe (ft.):	Top of liner (ft.):	
Hrs. waiting on cement before drill-out: 24			Calculated top of cement (ft.):	1611	
			Cementing date:	12/14/2014	

  

SLURRY					
Slurry No	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	425	CLASS C	REMARKS1	782	2497
2	200	CLASS C	REMARKS2	268	856
3					
Total	625			1050	3353

  

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.):			
Size of casing in O.D. (in.):			Casing weight (lbs/ft) and grade:			
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 collar) 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					

  

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.):			
Size of casing in O.D. (in.):			Casing weight (lbs/ft) and grade:			
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 collar) 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					





# 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: Sheridan Production			Operator P-5 No.: 775854		
Cementer Name: David Caldera Jr.			Cementer P-5 No.:		
WELL INFORMATION					
District No.: 8		County: Andrews			
Well No.: #3009		API No: 003-41632-1		Leasing Permit No.: 18160291	
Lease Name: University Cons IV			Lease No.: 18399		
Field Name: Fullerton			Field No.: 33230001		
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.): 7 7/8	Depth of drilled hole (ft.): 8900		Est. % wash-out or hole enlargement:		
Size of casing in O.D. (in.): 7 7/8	Casing weight (lbs/ft) and grade: 26		No. of centralizers used: 12		
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.):		Top of liner (ft.):
Hrs. waiting on cement before drill-out: 24			Calculated top of cement (ft.): 1800		Cementing date: 12/25/2014
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	720	50/50 H	Remark 1	2110	14033
2	310	50/50 H	Remark 2	378	2516
3					
Total	1030			2488	16549
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 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 <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:		
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 <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					



Tracking No.: 132656

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: SHERIDAN PRODUCTION COMPANY, LLC	District No. 08	Completion Date: 01/14/2015
Field Name FULLERTON	Drilling Permit No. 786929	
Lease Name UNIVERSITY CONS. IV	Lease/ID No. 18399	Well No. 3009
County ANDREWS	API No. 42- 003-46321	

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

Mary Sutton Signature SHERIDAN PRODUCTION COMPANY, LLC Name (print)	Regulatory Analyst Title (432) 253-7966 Phone 04/13/2015 Date
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-FOR RAILROAD COMMISSION USE ONLY-

# Schlumberger

Company: SHERIDAN PRODUCTION COMPANY, LLC

Well: University Consolidated IV #3009

Field: Fullerton

County: Andrews State: Texas

County: Andrews Field: Fullerton Location: 330' FNL & 914' FEL Well: University Consolidated IV #3009 Company: SHERIDAN PRODUCTION COMPANY, LLC	Platform Express			
	Compensated Neutron Log			
	Three Detector Litho-Density			
	Location:		330' FNL & 914' FEL	
		Block: 13 Section: 30 Abstract: U422		
		Survey: UL		
		Elev.: K.B. 3316.00 ft		
		G.L. 3298.00 ft		
		D.F. 3315.00 ft		
		Permanent Datum: Ground Level Elev.: 3298.00 f		
		Log Measured From: Kelly Bushing 18.00 ft above Perm.Datum		
		Drilling Measured From: Kelly Bushing		
API Serial No.		Block:	Section:	Abstract:
42-003-46321		13	30	U422
Logging Date		23-Dec-2014		
Run Number		1A		
Depth Driller		8800.00 ft		
Schlumberger Depth		8811.00 ft		
Bottom Log Interval		8811.00 ft		
Top Log Interval		1685.00 ft		
Casing Driller Size @ Depth		9.625 in @ 1685.00 ft		
Casing Schlumberger		1685 ft		
Bit Size		8.75 in		
Type Fluid In Hole		Salt Brine		
MUD	Density	Viscosity	10.2 lbm/gal	54 s
	Fluid Loss	PH	7.4 cm3	9.5
	Source of Sample		Active Tank	
RM @ Meas Temp		0.08 ohm.m @ 49 degF		
RMF @ Meas Temp		0.05 ohm.m @ 49 degF		
RMC @ Meas Temp				
Source RMF		RMC		
RM @ BHT		RMF @ BHT	0.03 @ 124	0.02 @ 124
Max Recorded Temperatures		124 degF		
Circulation Stopped Time		23-Dec-2014 14:00:00		
Logger on Bottom Time		23-Dec-2014 23:00:00		
Unit Number	Location:		2136	Midland
Recorded By		Daren Vandenberg & Danielle Krebs		
Witnessed By		Jennifer Wilson		

**REVISED**

# Schlumberger

Company: SHERIDAN PRODUCTION COMPANY, LLC

Well: University Consolidated IV #3009

Field: Fullerton

County: Andrews State: Texas

Platform Express  
Compensated Neutron Log  
Three Detector Litho-Density

**REVISED**

County: Andrews  
Field: Fullerton  
Location: 330' FNL & 914' FEL  
Well: University Consolidated IV #3009  
Company: SHERIDAN PRODUCTION COMPANY, LLC

Location:	330' FNL & 914' FEL	Elev.:	K.B.	3316.00 ft
	Block: 13 Section: 30 Abstract: U422		G.L.	3298.00 ft
	Survey: UL		D.F.	3315.00 ft
Permanent Datum:	Ground Level	Elev.:	3298.00 f	
Log Measured From:	Kelly Bushing	18.00 ft	above Perm.Datum	
Drilling Measured From:	Kelly Bushing			
API Serial No.	Block:	Section:	Abstract:	
42-003-46321	13	30	U422	

Logging Date	23-Dec-2014		
Run Number	1A		
Depth Driller	8800.00 ft		
Schlumberger Depth	8811.00 ft		
Bottom Log Interval	8811.00 ft		
Top Log Interval	1685.00 ft		
Casing Driller Size @ Depth	9.625 in	@	1685.00 ft
Casing Schlumberger	1685 ft		
Bit Size	8.75 in		
Type Fluid In Hole	Salt Brine		
MUD	Density	Viscosity	10.2 lbm/gal 54 s
	Fluid Loss	PH	7.4 cm3 9.5
	Source of Sample		
Active Tank			
RM @ Meas Temp	0.08 ohm.m	@	49 degF
RMF @ Meas Temp	0.05 ohm.m	@	49 degF
RMC @ Meas Temp			
Source RMF	RMC		
RM @ BHT	RMF @ BHT	0.03 @ 124	0.02 @ 124
Max Recorded Temperatures	124 degF		
Circulation Stopped	Time	23-Dec-2014	14:00:00
Logger on Bottom	Time	23-Dec-2014	23:00:00
Unit Number	Location:	2136	Midland
Recorded By	Darren Vandenberg & Danielle Krebs		
Witnessed By	Jennifer Wilson		

# Schlumberger

## PRODUCTION COMPANY, LLC

### Consolidated IV #3009

County:

State:

Texas

County: Andrews Field: Fullerton Location: 330' FNL & 914' FEL Well: University Consolidated IV #3009 Company: SHERIDAN PRODUCTION COMPANY, LLC	Platform Express		<b>REVISED</b>	
	High Resolution Laterolog Array			
Location:		330' FNL & 914' FEL	Elev.:	K.B. 3316.00 ft
		Block: 13 Section: 30 Abstract: U422		G.L. 3298.00 ft
		Survey: UL		D.F. 3315.00 ft
		Permanent Datum:	Ground Level	Elev.:
		Log Measured From:	Kelly Bushing	18.00 ft
		Drilling Measured From:	Kelly Bushing	3298.00 f
		API Serial No.	Block:	Section:
		42-003-46321	13	30
				Abstract:
				U422
Logging Date		23-Dec-2014		
Run Number		1A		
Depth Driller		8800.00 ft		
Schlumberger Depth		8811.00 ft		
Bottom Log Interval		8811.00 ft		
Top Log Interval		1685.00 ft		
Casing Driller Size @ Depth		9.625 in @ 1685.00 ft		
Casing Schlumberger		1685 ft		
Bit Size		8.75 in		
Type Fluid In Hole		Salt Brine		
MUD	Density	Viscosity	10.2 lbm/gal	54 s
	Fluid Loss	PH	7.4 cm3	9.5
	Source of Sample		Active Tank	
RM @ Meas Temp		0.08 ohm.m @ 49 degF		
RMF @ Meas Temp		0.05 ohm.m @ 49 degF		
RMC @ Meas Temp				
Source RMF		RMC		
RM @ BHT		RMF @ BHT	0.03 @ 124	0.02 @ 124
Max Recorded Temperatures		124 degF		
Circulation Stopped Time		23-Dec-2014	14:00:00	
Logger on Bottom Time		23-Dec-2014	23:00:00	
Unit Number	Location:	2136	Midland	
Recorded By		Darren Vandenberg & Danielle Krebs		
Witnessed By		Jennifer Wilson		

# Schlumberger

Company: SHERIDAN PRODUCTION COMPANY, LLC

Well: University Consolidated IV #3009

Field: Fullerton

County: Andrews State: Texas

County: Andrews Field: Fullerton Location: 330' FNL & 914' FEL Well: University Consolidated IV #3009 Company: SHERIDAN PRODUCTION COMPANY, LLC	Borehole Profile Log Future Casing Diameter = 7"			
	Location: 330' FNL & 914' FEL Block: 13 Section: 30 Abstract: U422 Survey: UL		Elev.: K.B. 3316.00 ft G.L. 3298.00 ft D.F. 3315.00 ft	
	Permanent Datum: _____		Ground Level _____ Elev.: 3298.00 f	
	Log Measured From: _____		Kelly Bushing 18.00 ft above Perm.Datum	
	Drilling Measured From: _____		Kelly Bushing	
API Serial No. 42-003-46321		Block: 13	Section: 30	Abstract: U422
Logging Date: 23-Dec-2014				
Run Number: 1A				
Depth Driller: 8800.00 ft				
Schlumberger Depth: 8811.00 ft				
Bottom Log Interval: 8811.00 ft				
Top Log Interval: 1685.00 ft				
Casing Driller Size @ Depth: 9.625 in @ 1685.00 ft				
Casing Schlumberger: 1685 ft				
Bit Size: 8.75 in				
Type Fluid In Hole: Salt Brine				
MUD	Density: _____ Viscosity: 10.2 lbm/gal 54 s			
	Fluid Loss: _____ PH: 7.4 cm3 9.5			
	Source of Sample: Active Tank			
RM @ Meas Temp: 0.08 ohm.m @ 49 degF				
RMF @ Meas Temp: 0.05 ohm.m @ 49 degF				
RMC @ Meas Temp: _____				
Source RMF: _____		RMC: _____		
RM @ BHT: _____		RMF @ BHT: 0.03 @ 124 0.02 @ 124		
Max Recorded Temperatures: 124 degF				
Circulation Stopped Time: _____		23-Dec-2014 14:00:00		
Logger on Bottom Time: _____		23-Dec-2014 23:00:00		
Unit Number: _____	Location: 2136 Midland			
Recorded By: Darren Vandenberg & Danielle Krebs				
Witnessed By: Jennifer Wilson				

REVISED

# Schlumberger

Company: SHERIDAN PRODUCTION COMPANY, LLC

Well: University Consolidated IV #3009

Field: Fullerton

County: Andrews Country: USA

County: Andrews Field: Fullerton Location: 330' FNL & 914' FEL Well: University Consolidated IV #3009 Company: SHERIDAN PRODUCTION COMPANY, LLC	Borehole Compensated Sonic Spectral Gamma Ray				<div style="border: 2px solid black; padding: 5px; display: inline-block; font-weight: bold; font-size: 1.2em;">REVISED</div>
	Location: 330' FNL & 914' FEL Block: 13 Section: 30 Abstract: U422 Survey: UL		Elev.: K.B. 3316.00 ft G.L. 3298.00 ft D.F. 3315.00 ft		
	Permanent Datum: Ground Level Log Measured From: Kelly Bushing Drilling Measured From: Kelly Bushing		Elev.: 3298.00 f 18.00 ft above Perm.Datum		
	API Serial No. 42-003-46321	Block: 13	Section: 30	Abstract: U422	
Logging Date		23-Dec-2014			
Run Number		1A			
Depth Driller		8800.00 ft			
Schlumberger Depth		8811.00 ft			
Bottom Log Interval		8811.00 ft			
Top Log Interval		1685.00 ft			
Casing Driller Size @ Depth		9.625 in @ 1685.00 ft			
Casing Schlumberger		1685 ft			
Bit Size		8.75 in			
Type Fluid In Hole		Salt Brine			
MUD	Density	Viscosity	10.2 lbm/gal	54 s	
	Fluid Loss	PH	7.4 cm3	9.5	
	Source of Sample		Active Tank		
RM @ Meas Temp		0.08 ohm.m @ 49 degF			
RMF @ Meas Temp		0.05 ohm.m @ 49 degF			
RMC @ Meas Temp					
Source RMF		RMC			
RM @ BHT		RMF @ BHT	0.03 @ 124	0.02 @ 124	
Max Recorded Temperatures		124 degF			
Circulation Stopped Time		23-Dec-2014 14:00:00			
Logger on Bottom Time		23-Dec-2014 23:00:00			
Unit Number	Location:		2136	Midland	
Recorded By		Darren Vandenberg & Danielle Krebs			
Witnessed By		Jennifer Wilson			

# Schlumberger

Company: SHERIDAN PRODUCTION COMPANY, LLC

Well: University Consolidated IV #3009

Field: Fullerton

County: Andrews State: Texas

County: Andrews	Field: Fullerton	Location: 330' FNL & 914' FEL	Well: University Consolidated IV #3009	Company: SHERIDAN PRODUCTION COMPANY, LLC	TCOM			
					<b>REVISED</b>			
Location:					330' FNL & 914' FEL	Elev.:	K.B.	3316.00 ft
					Block: 13 Section: 30 Abstract: U422		G.L.	3298.00 ft
					Survey: UL		D.F.	3315.00 ft
Permanent Datum:					Ground Level	Elev.:	3298.00 f	
Log Measured From:					Kelly Bushing	18.00 ft	above Perm.Datum	
Drilling Measured From:					Kelly Bushing			
API Serial No.					Block:	Section:	Abstract:	
42-003-46321					13	30	U422	

Logging Date		23-Dec-2014	
Run Number		1A	
Depth Driller		8800.00 ft	
Schlumberger Depth		8811.00 ft	
Bottom Log Interval		8811.00 ft	
Top Log Interval		1685.00 ft	
Casing Driller Size @ Depth		9.625 in @ 1685.00 ft	
Casing Schlumberger		1685 ft	
Bit Size		8.75 in	
Type Fluid In Hole		Salt Brine	
MUD	Density	Viscosity	10.2 lbm/gal 54 s
	Fluid Loss	PH	7.4 cm3 9.5
	Source of Sample		
RM @ Meas Temp		0.08 ohm.m @ 49 degF	
RMF @ Meas Temp		0.05 ohm.m @ 49 degF	
RMC @ Meas Temp			
Source RMF		RMC	
RM @ BHT		RMF @ BHT	
		0.03 @ 124 0.02 @ 124	
124 Temperatures		124 degF	
Time		23-Dec-2014 14:00:00	
		23-Dec-2014 23:00:00	
		Midland	
		Krahs	

# Schlumberger

Company: SHERIDAN PRODUCTION COMPANY, LLC

Well: University Consolidated IV #3009

Field: Fullerton

County: Andrews State: Texas

County: Andrews Field: Fullerton Location: 330' FNL & 914' FEL Well: University Consolidated IV #3009 Company: SHERIDAN PRODUCTION COMPANY, LLC	Spectral Gamma Ray			
	**FIELD PRINT**			
	Location: 330' FNL & 914' FEL		Elev.: K.B. 3316.00 ft	
	Block: 13 Section: 30 Abstract: U422		G.L. 3298.00 ft	
Survey: UL		D.F. 3315.00 ft		
Permanent Datum:		Ground Level	Elev.: 3298.00 f	
Log Measured From:		Kelly Bushing	18.00 ft above Perm.Datum	
Drilling Measured From:		Kelly Bushing		
API Serial No. 42-003-46321		Block: 13	Section: 30	Abstract: U422
Logging Date		23-Dec-2014		
Run Number		1A		
Depth Driller		8800.00 ft		
Schlumberger Depth		8811.00 ft		
Bottom Log Interval		8811.00 ft		
Top Log Interval		1685.00 ft		
Casing Driller Size @ Depth		9.625 in @ 1685.00 ft		
Casing Schlumberger		1685 ft		
Bit Size		8.75 in		
Type Fluid In Hole		Salt Brine		
MUD	Density	Viscosity	10.2 lbm/gal	54 s
	Fluid Loss	PH	7.4 cm3	9.5
	Source of Sample		Active Tank	
RM @ Meas Temp		0.08 ohm.m @ 49 degF		
RMF @ Meas Temp		0.05 ohm.m @ 49 degF		
RMC @ Meas Temp				
Source RMF		RMC		
RM @ BHT		RMF @ BHT	0.03 @ 124	0.02 @ 124
Max Recorded Temperatures		124 degF		
Circulation Stopped		Time	23-Dec-2014 14:00:00	
Logger on Bottom		Time	23-Dec-2014 23:00:00	
Unit Number	Location:		2136	Midland
Recorded By		Darren Vandenberg & Danielle Krebs		
Witnessed By		Jennifer Wilson		

**REVISED**