



## DAILY COMPLETION AND WORKOVER REPORT

### UNIVERSITY 46 1304H

**DATE : 05/28/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	JOSH WILLIFORD	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	7	Daily Cost:	\$17,370
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,822,933
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$66,155
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	32.53%	Cum Total Spent:	\$3,027,677

24 Hrs SUMMARY:	Completed RU of 2 3/8" CTU and support equipment. RU FB lines from manifold to the wellhead. Test casing and CTU PCE.				
Current Activity:	SDFN				
Forecast:	Make CT clean out run and TCP.				
Accident/Spill(Y/N):	N	Description:			

#### Casing Data

Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

#### Wellbore Detail

#### Wellhead Detail

#### BHA Summary

Horizontal/Vertical:		A Sec:		BHA #	
KB (ft):	2590.53	B Sec:		Qty	Description
GL (ft):	2565.53	C Sec:		O.D. (in)	I.D. (in)
KB-GL (ft):	25.00	Valve Detail Bottom to Top:			
KOP (ft):				Length (ft)	
Build Section:	Intermediate				
Deviation:	1.06				
TVD @ TD (ft):					
Average TVD (ft):					
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46				
PBSD (ft):					

#### Perforation Summary

#### Plug Detail

Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

#### Stimulation Data

Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

#### Operations Summary

#### Activity Last 24 hours

From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	07:00	1.00	COMP	SDFN	SDFN.
07:00	07:30	0.50	COMP	SM	Held safety meeting with personnel on location. Reviewed JSA/JHA and discussed expectations.
07:30	10:30	3.00	COMP	CTRU	RU CT pump lines and iron. Stab BOP's and flow cross on well. RUfb iron from manifold to wellhead.
10:30	12:30	2.00	COMP	TE	RU and test 5.5' 20# P110 production casing to 250 / 9800 psi. Sent copy of test chart to EIC, good test.
12:30	14:00	1.50	COMP	CTRU	Fill reel, pu injector head and lubricator joints. Attempt to pull test coil connector, weight indicator not reading properly.
14:00	16:00	2.00	COMP	CTRU	Troubleshoot weight indicator and lines. Found a leaking snap tight connection. Replaced connection and flushed line to the injector.
16:00	17:00	1.00	COMP	TE	Test and chart CT PCE, pump lines and coil : 250 / 6000 psi, good test. Test DBPV 250 / 1500 psi, good test.
17:00	06:00	13.00	COMP	SDFN	SDFN: SISCP-0 psi & SICP-0 psi.



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 05/29/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	JOSH WILLIFORD	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	8	Daily Cost:	\$79,170
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,822,933
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$145,325
State:	TEXAS	WI %:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	33.38%	Cum Total Spent:	\$3,106,847

24 Hrs SUMMARY:	Completed CTU cleanout run to PBTD- 13939' CTM.
Current Activity:	SDFN
Forecast:	Complete TCP run and RDMO 2 3/8" CTU and support equipment.
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:30	0.50	COMP	SM		Held safety meeting with all personnel on location and reviewed JSA/JHA's. Completed PTW and equipment inspections.
06:30	07:20	0.83	COMP	CTRU		PU injector head and lubricator. MU cleanout BHA and surface tested motor, 2 bpm at 1100 psi.
07:20	07:45	0.42	COMP	TE		Shell test lubricator and BOP's: 250 / 6000 psi for 5 minutes, good test
07:45	09:00	1.25	COMP	CTRIH		Open well -0 psi, RIH w/ cleanout BHA to 5300 psi. Perform weight check, weight indicator not reading the proper weight.
09:00	12:30	3.50	COMP	OT		Troubleshoot weight indicator. Flushed line to the injector head, adjusted the pipe heavy pancake transducer and the chain blocks on the injector head. Perform weight check, weight indicator reading the correct weight.
12:30	14:45	2.25	COMP	CTRIH		RIH w/ cleanout BHA pumping 3 bpm, CP-1900 psi. Displaced well fluid with 2 % KCL. Tagged PBTD at 13939' CTM, 59' deeper than the drilling estimated PBTD. PU 15' painted pipe and allowed 10 bbl sweep to exit the pipe.
14:45	17:45	3.00	COMP	CTPOOH		POOH f/ 13924' CTM to 5677' CTM (20 deg) pumping 3 bpm w/ CP-1900 psi, timed and pumped a high vis 10 bbl sweep to exit the pipe while pulling through the curve.
17:45	18:15	0.50	COMP	CTRIH		RIH f/ 5677' CTM (20 deg) to 6591' CTM (80 deg). POOH sweeping the curve at 25 fpm pumping 3 bpm, CP-1900 psi
		<b>24.00</b>				

**GENERAL COMMENTS :**

From	To	HRS	Ph	Op	Activity Last 24 hours
18:15	19:40	1.42	COMP	CTPOOH	POOH f/ 5670' CTM to surface pumping 3 bpm at 1900 psi. SWI-0 psi. LD cleanout BHA. RD lubricator and set injector head in the cradle.
19:40	06:00	10.33	COMP	SDFN	SDFN: S1SCP-0 psi & S1CP-0 psi
		<b>24.00</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 05/30/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	RON URMY	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	9	Daily Cost:	\$62,363
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,822,933
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$219,619
State:	TEXAS	WI %:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	34.17%	Cum Total Spent:	\$3,181,141

24 Hrs SUMMARY:	TCP stage 1. RDMO CTU and support equipment	
Current Activity:	Well SI.	
Forecast:	Well SI. Next activity RU frac stack per schedule.	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	07:00	1.00	COMP	SDFN	SDFN	
07:00	07:30	0.50	COMP	SM	JSA/PTW with all on location, re, explosives use, retest of lube, job scope for day and RDMO.	
07:30	08:30	1.00	COMP	CTRU	Inspect equipment, PU coil head and lube.	
08:30	08:45	0.25	COMP	TE	Test lube 250/6,000 psi. 5 min ea.	
08:45	09:00	0.25	COMP	CTBHA	Install TCP assembly.	
09:00	13:45	4.75	COMP	CTTCP	Stab lube and OW. RIH pumping .7 BPM thru open choke at surface to tanks. Wt checks @ 5500' and GIH. Tag PBTD at mark on coil. PU to first shot and pressure up to 3400 psi gun fired. PU and shoot every 6 min avg - perf 5 clusters of stage 1. POOH maintaining ~ 2-3,000 psi on well.	
13:45	17:30	3.75	COMP	CTRD	SI well With 1700 psi. Verify ASF. RD Spartan and TCP Specialties. RDMO CTS CTU. PU VZ containment.	
17:30	06:00	12.50	COMP	SDFN	SI well with 1700 psi on casing, 0 SSCP. Next activity RU frac stack.	
		<b>24.00</b>				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 05/31/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	RON URMY	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	10	Daily Cost:	\$2,380
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,822,933
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$233,000
State:	TEXAS	WI %:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	34.32%	Cum Total Spent:	\$3,194,522

24 Hrs SUMMARY:	Well SI waiting frac stack per schedule	
Current Activity:	Cost accumulation only	
Forecast:	Well SI waiting frac stack per schedule	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	SDFN		Cost only- released FL /ML left trash trailer and 2 portlets.
		24.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 06/19/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	Daily Cost:	\$61,027
REGION:	PERMIAN	AFE#:	Cum DRLG:	\$2,783,433
FIELD:	SOUTH MIDLAND	AFE Total:	Comp/WO (Event 2 or 4):	\$424,958
State:	TEXAS	WI%:	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	Cum Total Spent:	\$3,336,619

24 Hrs SUMMARY:	NU FRAC STACK & PRESSURE TEST (250 PSI / 9800 PSI.)		
Current Activity:	SDFN		
Forecast:	MIRU FRAC		
Accident/Spill(Y/N):	N	Description:	

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14.012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	18:00	12.00	COMP	SDFN	SDFN	
18:00	18:30	0.50	COMP	SM	SM WITH ALL VENDORS ON LOCATION.	
18:30	02:00	7.50	COMP	FRU	NU FRAC STACK & PRESSURE TEST (250 PSI / 9800 PSI.)	
02:00	06:00	4.00	COMP	SDFN	SDFN	
		<b>24.00</b>				

**GENERAL COMMENTS :**  
SM WITH ALL VENDORS ON LOCATION. DISCUSSED PTW, WORKING HEIGHTS, INCIDENT REPORTING, EMERGENCY PROCEDURES, WORKING WITH PRESSURE, NEAREST MEDICAL FACILITIES AND RIGHT TO STOP THE JOB.



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 06/20/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	30	Daily Cost:	\$46,351
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,783,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$471,309
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	36.34%	Cum Total Spent:	\$3,382,970

24 Hrs SUMMARY:	FRAC SPREAD RU
Current Activity:	CONTINUE FRAC RU. SICP 2000 PSI. SICP 0 PSI.
Forecast:	FRAC STAGE 1-5
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14.012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:30	0.50	COMP	SM	HELD SM WITH ALL VENDORS ON LOCATION	
06:30	18:00	11.50	COMP	FRU	MIRU FRAC EQUIPMENT	
18:00	18:30	0.50	COMP	SM	HELD SM WITH ALL VENDORS ON LOCATION	
18:30	00:00	5.50	COMP	FRU	MIRU FRAC EQUIPMENT	
00:00	02:00	2.00	COMP	FPT	PRESSURE TEST PD AND MAIN LINE TO 9800 PSI. SET PD POP OFF TO 8600 PSI. SET BACK SIDE POP OFF TO 1900 PSI. SET N2 POP OFF TO 9600 PSI (2900B / 260G)	
02:00	04:45	2.75	COMP	OT	WAITING ON PCM #2	
04:45	06:00	1.25	COMP	FRU	MIRU PCM #2	
		<b>24.00</b>				

**GENERAL COMMENTS :**  
SM WITH ALL VENDORS ON LOCATION. DISCUSSED PTW, WORKING HEIGHTS, INCIDENT REPORTING, EMERGENCY PROCEDURES, WORKING WITH PRESSURE, NEAREST MEDICAL FACILITIES AND RIGHT TO STOP THE JOB.



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 06/21/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	31	Daily Cost:	\$288,399
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,783,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$759,708
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	39.44%	Cum Total Spent:	\$3,671,369

24 Hrs SUMMARY:	CONTINUE FRAC RU AND FRAC STAGE #1	
Current Activity:	FRAC STAGE #2	
Forecast:	FRAC STAGES 2-6	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA # 03				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
02	06/21/2013	13,227	13,507	44	4.40	0.42	60	6	70.00	13,532	4.4	0	Baker CFP
03	06/21/2013	12,882	13,162	44	4.40	0.42	60	6	70.00	13,185	4.4	0	Baker CFP

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:30	0.50	COMP	SM	SM WITH ALL VENDORS ON LOCATION
06:30	11:45	5.25	COMP	FRU	RU CHEMICAL HOSES, BUCKET TEST LA PUMPS ON BLENDERS. MIX WATER TO 26%
11:45	12:30	0.75	COMP	SM	PERFORM HAZARD HUNT AND REVIEW HAZARDS WITH ALL ON LOCATION.
12:30	16:50	4.33	COMP	OT	WAITING ON PROTECHNICS
16:50	17:10	0.33	COMP	FP	OPEN WELL AND FRAC STAGE #1 OWHP: 1940 PSI.
17:10	17:50	0.67	COMP	OT	PERFORM STEP DOWN TEST AND SHUT DOWN DUE TO DENSOMETER NOT READING CORRECTLY. ISIP: 2876PSI. 5 MIN: 2617 PSI. 10 MIN: 2528 15 MIN: 2493
17:50	17:55	0.08	COMP	FP	OPEN WELL AND ATTEMPT TO FRAC STAGE #1
17:55	19:50	1.92	COMP	OT	SD DUE TO DENSOMETER NOT FUNCTIONING AGAIN
19:50	20:03	0.22	COMP	PTC	PRESSURE TEST MAIN LINE TO 9800 PSI. SET N2 POP OFF TO 9550 PSI (330G / 150B)
20:03	01:45	5.70	COMP	FP	OW AND FRAC STG 1 OPENING WH PRESSURE: 2442psi. AVERAGE RATE: 60.9bpm; AVERAGE PRESSURE: 7167psi; TOTAL PROP PUMPED 0lb; MAX SAND CONCENTRATION 0ppa. TOTAL FLUID PUMPED:1498.4bbbl. ISIP: 2665psi. TOTAL FUEL 4618
		<b>23.99</b>			

**GENERAL COMMENTS :**  
SM WITH ALL VENDORS ON LOCATION. DISCUSSED PTW, WORKING HEIGHTS, INCIDENT REPORTING, EMERGENCY PROCEDURES, WORKING WITH PRESSURE, NEAREST MEDICAL FACILITIES AND RIGHT TO STOP THE JOB.

From	To	HRS	Ph	Op	Activity Last 24 hours
01:45	02:17	0.53	COMP	WLRU	HELD SM/JSA W/ INVOLVED CREWS. PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & SHELL TEST WL LUBRICATOR AND BOPs TO 8500psi. BLED TO WHP: 1921psi & OW
02:17	02:31	0.23	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
02:31	03:03	0.53	COMP	WLPD	PD TO 13541' WLM. SET CFP @ 13532' WLM. MAX PD RATE: 16bpm; MAX PRESS: 3600psi; AVG PRESS: 3100psi. PERF STG 2 INTERVAL (13505-13227' WLM) WHILE ON THE FLY
03:03	04:00	0.95	COMP	WLPOOH	POOH W/WL
04:00	04:10	0.17	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 433bbls. LD WL BHA . SICP: 2125psi SISCP: 0psi
04:10	05:15	1.08	COMP	OT	WORKING ON PUMPS AND REPLACING SANDED OFF SUCTION LINE. HYDRAULIC VALVE POTENTIALLY LEAKING. SHUT MASTER AND FUNCTIONED HYDRAULIC VALVE. VALVE IS HOLDING.
05:15	05:45	0.50	COMP	OT	STROKED PUMPS TO PIT
05:45	06:00	0.25	COMP	FP	BEGIN FRAC STAGE #2
		<b>23.99</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 06/22/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	32	Daily Cost:	\$948,282
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,783,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$1,707,990
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	49.63%	Cum Total Spent:	\$4,619,651

24 Hrs SUMMARY:	FRAC STAGES #2-7	
Current Activity:	FRAC STAGE #8	
Forecast:	FRAC STAGES #8-13	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA # 08				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
04	06/22/2013	12,532	12,812	44	4.40	0.42	60	6	70.00	12,837	4.4	0	Baker CFP
05	06/22/2013	12,185	12,465	44	4.40	0.42	60	6	70.00	12,492	4.4	0	Baker CFP
06	06/22/2013	0	0	0		0.42	60	6		12,142	4.4	0	Baker CFP
06A	06/22/2013	11,837	12,117	44	4.40	0.42	60	6	70.00	12,142	4.4	0	Baker CFP
07	06/22/2013	11,490	11,770	44	4.40	0.42	60	6	70.00	11,795	4.4	0	Baker CFP
08	06/22/2013	11,142	11,422	44	4.40	0.42	60	6	70.00	11,447	4.4	0	Baker CFP

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	07:00	1.00	COMP	FP	CONTINUE STAGE #2 FRAC. SM WITH ALL DAY SHIFT VENDORS ON LOCATION.
07:00	07:20	0.33	COMP	FP	OW AND FRAC STG 2 OPENING WH PRESSURE: 1899psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 82.6bpm; AVERAGE PRESSURE: 6392psi; TOTAL PROP PUMPED 379360lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5047.8bbl. ISIP: 2531psi. TOTAL FUEL 1469 GALS
07:20	07:30	0.17	COMP	OT	EXCERCISE HYDRAULIC VALVE
07:30	07:35	0.08	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1860psi & OW
07:35	07:50	0.25	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.
07:50	08:15	0.42	COMP	WLPD	PD TO 13195' WLM. SET CFP @ 13185' WLM. MAX PD RATE: 16bpm; MAX PRESS: 3000psi; AVG PRESS: 2400psi. PERF STG 3 INTERVAL (13160-12882' WLM) WHILE ON THE FLY.
08:15	08:45	0.50	COMP	WLPOOH	POOH WWL
08:45	09:00	0.25	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 321bbbls. LD WL BHA . SICP: 1671psi SISCP: 0psi
09:00	10:15	1.25	COMP	OT	SWAP OUT FRAC PUMP DUE TO CRACKED FLUID IN.
10:15	11:45	1.50	COMP	TE	TEST FRAC IRON. 250-9800 PSI FOR 5 MINUTES. SET GORV 9550 PSI SET
		<b>24.01</b>			

**GENERAL COMMENTS :**

HSM/JSA REVIEW. TOUR CHANGE. NO ACCIDENTS, INCIDENTS, NEAR MISS, OR SPILLS REPORTED. DISCUSSED: COMMUNICATION, 1 ON 1 MENTORS FOR SSE'S, JSA'S FOR CHANGE OF PHASE OF OPERATION, LINE OF FIRE DURING RU/RD, RED ZONE, PTW, PINCH POINTS, AND SLIPS/TRIPS/FALLS. SPOTTERS ON ALL LIGHT AND HEAVY EQUIPMENT. PROPER USE OF TAG LINES AND NECESSARY PPE'S AT ALL TIMES.

From	To	HRS	Ph	Op	Activity Last 24 hours
11:45	13:15	1.50	COMP	FP	OW AND FRAC STG 3 OPENING WH PRESSURE: 1570psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 82.5bpm; AVERAGE PRESSURE: 6300psi; TOTAL PROP PUMPED 401010lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5131.4bbl. ISIP: 2630psi. TOTAL FUEL USED 1283
13:15	13:30	0.25	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1940psi & OW
13:30	13:45	0.25	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.
13:45	14:20	0.58	COMP	WLPD	PD TO 12850' WLM. SET CFP @ 12837' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2950psi; AVG PRESS: 2300psi. PERF STG 4 INTERVAL (12810-12532' WLM) WHILE ON THE FLY
14:20	14:50	0.50	COMP	WLPOOH	POOH W/ WL.
14:50	15:15	0.42	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 326bbbls. LD WL BHA . SICP: 1700psi SISCP: 0psi
15:15	16:15	1.00	COMP	OT	CAMERON GREASED HYDRAULIC VALVE AND UPPER MASTER VALVE
16:15	17:30	1.25	COMP	FP	OW AND FRAC STG 4 OPENING WH PRESSURE: 1550psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 84.3bpm; AVERAGE PRESSURE: 6287psi; TOTAL PROP PUMPED 418259lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5115.3bbl. ISIP: 2577psi. TOTAL FUEL 559 GALS.
17:30	18:05	0.58	COMP	WLRU	HELD SM/JSA W/ INVOLVED CREWS. PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1975psi & OW
18:05	18:20	0.25	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.
18:20	18:55	0.58	COMP	WLPD	PD TO 12505' WLM. SET CFP @ 12492' WLM. MAX PD RATE: 16bpm; MAX PRESS: 3100psi; AVG PRESS: 2550psi. PERF STG 5 INTERVAL (12463-12185' WLM) WHILE ON THE FLY
18:55	19:15	0.33	COMP	WLPOOH	POOH W/WL
19:15	19:38	0.38	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 326bbbls. LD WL BHA . SICP: 1771 psi SISCP: 0 psi
19:38	21:08	1.50	COMP	FP	OW AND FRAC STG 5 OPENING WH PRESSURE: 1975psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 82.9bpm; AVERAGE PRESSURE: 6032psi; TOTAL PROP PUMPED 401229lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:4915.1bbl. ISIP: 2413psi. TOTAL FUEL 1051 GALS
21:08	21:21	0.22	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1864psi & OW
21:21	21:34	0.22	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.
21:34	21:55	0.35	COMP	WLPD	PD TO 12150' WLM. MAX PD RATE: 16 bpm; MAX PRESS: 3000 psi; AVG PRESS: 2150 psi. ATTEMPTED TO SET CFP @ 11795' WLM. CURRENT BROKE OVER BUT DID NOT SEE ANY INDICATION OF PLUG SET.. ATTEMPTED TO PUMP BACK DOWN AND TAG PLUG. DID NOT TAG PLUG.
21:55	22:45	0.83	COMP	WLPOOH	POOH W / WL PLUG AND LIVE GUNS. STOP AT 500' WLM.
22:45	23:00	0.25	COMP	SM	HELD SM WITH ALL PERSONNEL ON LOCATION. DISCUSSED TOTAL RADIO SILENCE, ESSENTIAL PERSONNEL, AND REVIEW PROCEDURE FOR RD OF LIVE GUNS.
23:00	23:48	0.80	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1864psi & OW
23:48	00:22	0.57	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.
00:22	00:26	0.07	COMP	WLPD	PD TO 12159' WLM. SET CFP @ 12142' WLM. MAX PD RATE: 16bpm; MAX PRESS: 3300psi; AVG PRESS: 2350psi. PERF STG 6 INTERVAL (12115-11837' WLM) WHILE ON THE FLY
00:26	01:06	0.67	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 250bbbls. LD LUBRICATOR AND WL BHA . SICP: 1700psi SISCP: 0psi
01:06	02:51	1.75	COMP	FP	OW AND FRAC STG 6 OPENING WH PRESSURE: 1556psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 83.3bpm; AVERAGE PRESSURE: 5824psi; TOTAL PROP PUMPED 438584lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5975.6bbl. ISIP: 2455psi. TOTAL FUEL 1315 GALS.
02:51	03:01	0.17	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1871psi & OW
03:01	03:15	0.23	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.
03:15	03:34	0.32	COMP	WLPD	PD TO 11811' WLM. SET CFP @ 11795' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2600psi; AVG PRESS: 2150psi. PERF STG 7 INTERVAL (11768-11490' WLM) WHILE ON THE FLY
03:34	03:38	0.07	COMP	WLPOOH	OOH W / WL
03:38	04:17	0.65	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 240bbbls. LD LUBRICATOR AND WL BHA . SICP: 1600 psi SISCP: 0psi
04:17	06:00	1.72	COMP	FP	CONT. TO FRAC STAGE #7
		<b>24.01</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 06/23/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	33	Daily Cost:	\$681,058
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,783,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$2,389,048
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	56.94%	Cum Total Spent:	\$5,300,709

24 Hrs SUMMARY:	FRAC STAGES 8-11
Current Activity:	FRAC STAGE 12
Forecast:	FRAC STAGES 13 - 17
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA # 14				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
09	06/23/2013	10,794	11,074	44	4.40	0.42	60	6	70.00	11,099	4.4	0	Baker CFP
10	06/23/2013	10,447	10,727	44	4.40	0.42	60	6	70.00	10,752	4.4	0	Baker CFP
11	06/23/2013	10,099	10,379	44	4.40	0.42	60	6	70.00	10,404	4.4	0	Baker CFP
12	06/23/2013	9,752	10,032	44	4.40	0.42	60	6	70.00	10,057	4.4	0	Baker CFP
13	06/23/2013	9,404	9,684	44	4.40	0.42	60	6	70.00	9,706	4.4	0	Baker CFP
14	06/23/2013	9,057	9,337	44	4.40	0.42	60	6	70.00	9,362	4.4	0	Baker CFP

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:05	0.08	COMP	FP		OW AND FRAC STG 7 OPENING WH PRESSURE: 1547psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 83.9bpm; AVERAGE PRESSURE: 5610psi; TOTAL PROP PUMPED 411659lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5018.1bbl. ISIP: 2346psi. TOTAL FUEL 1116 GALS.
06:05	06:21	0.27	COMP	WLRU		HELD SM/JSA W/ INVOLVED CREWS. PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1806psi & OW
06:21	06:37	0.27	COMP	WLRH		RIH & CORRELATE TO MJ @ 5210' WLM.
06:37	06:41	0.07	COMP	WLPD		PD TO 11462' WLM. SET CFP @ 11447' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2700psi; AVG PRESS: 2100psi. PERF STG 8 INTERVAL (11420-11142' WLM) WHILE ON THE FLY
06:41	07:10	0.48	COMP	WLPOOH		POOH W / WL
07:10	07:30	0.33	COMP	WLRD		OOH W / WL .CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 220bbbls. LD LUBRICATOR AND WL BHA . SICP: 1644psi SISCP: 0psi
07:30	08:15	0.75	COMP	OT		WAITING ON SAND
08:15	09:45	1.50	COMP	FP		OW AND FRAC STG 8 OPENING WH PRESSURE: 1350psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 84.1bpm; AVERAGE PRESSURE: 5432psi; TOTAL PROP PUMPED 432428lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5259.9bbl. ISIP: 2427psi. TOTAL FUEL 769 GALS.
		<b>24.00</b>				

GENERAL COMMENTS :

HSM/JSA REVIEW. TOUR CHANGE. NO ACCIDENTS, INCIDENTS, NEAR MISS, OR SPILLS REPORTED. DISCUSSED: COMMUNICATION, 1 ON 1 MENTORS FOR SSE'S, JSA'S FOR CHANGE OF PHASE OF OPERATION, LINE OF FIRE DURING RU/RD, RED ZONE, PTW, PINCH POINTS, AND SLIPS/TRIPS/FALLS. SPOTTERS ON ALL LIGHT AND HEAVY EQUIPMENT. PROPER USE OF TAG LINES AND NECESSARY PPE'S AT ALL TIMES.

From	To	HRS	Ph	Op	Activity Last 24 hours
09:45	10:15	0.50	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 2065psi & OW
10:15	10:35	0.33	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
10:35	10:40	0.08	COMP	WLPD	PD TO 1110' WLM. SET CFP @ 11099' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2950psi; AVG PRESS: 2450psi. PERF STG 9 INTERVAL (11072-10794' WLM) WHILE ON THE FLY
10:40	11:05	0.42	COMP	WLPOOH	POOH W / WL
11:05	11:20	0.25	COMP	WLRD	OOH W / WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 232bbbls. LD LUBRICATOR AND WL BHA . SICP: 1105psi SISCP: 0psi
11:20	11:40	0.33	COMP	OT	OFF LOADING SAND
11:40	13:05	1.42	COMP	FP	OW AND FRAC STG 9 OPENING WH PRESSURE: 1822psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 84.4bpm; AVERAGE PRESSURE: 5372psi; TOTAL PROP PUMPED 438682lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5243.7bbbl. ISIP: 2433psi. TOTAL FUEL 1461 GALS.
13:05	13:40	0.58	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 2030psi & OW
13:40	13:50	0.17	COMP	WLRIH	RIH & CORRELATE TO XO @ 5210' WLM.
13:50	14:00	0.17	COMP	WLPD	PD TO 10420' WLM. SET CFP @ 10752' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2680psi; AVG PRESS: 2250psi. PERF STG 10 INTERVAL (10725-10447' WLM) WHILE PUMPING 0bpm.
14:00	14:20	0.33	COMP	WLPOOH	POOH W / WL
14:20	15:30	1.17	COMP	WLRD	OOH W/WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 206bbbls. LD LUBRICATOR AND WL BHA . SICP: 1540psi SISCP: 0psi
15:30	16:55	1.42	COMP	FP	OW AND FRAC STG 10 OPENING WH PRESSURE: 1458psi. CHASE BALL W/ 46.3bbbls OF HCL ACID. AVERAGE RATE: 80.3bpm; AVERAGE PRESSURE: 4929psi; TOTAL PROP PUMPED 3555527lb; MAX SAND CONCENTRATION 5.2ppa. TOTAL FLUID PUMPED:4829.2bbbl. ISIP: 2330psi. TOTAL FUEL 563 GALS.
16:55	17:15	0.33	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1770psi & OW
17:15	17:30	0.25	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
17:30	17:50	0.33	COMP	WLPD	PD TO 10420' WLM. SET CFP @ 10404' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2600psi; AVG PRESS: 2200psi. PERF STG 11 INTERVAL (10377-10099' WLM) WHILE ON THE FLY
17:50	18:10	0.33	COMP	WLPOOH	POOH W / WL
18:10	18:19	0.15	COMP	WLRD	OOH W/WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 188bbbls. LD LUBRICATOR AND WL BHA . SICP: 1695psi SISCP: 0psi
18:19	23:49	5.50	COMP	OT	SD WAITING SLB CREW TO ARRIVE.
23:49	00:04	0.25	COMP	SM	HSM/JSA REVIEW. TOUR CHANGE. NO ACCIDENTS, INCIDENTS, NEAR MISS, OR SPILLS REPORTED. DISCUSSED: COMMUNICATION, 1 ON 1 MENTORS FOR SSE'S, JSA'S FOR CHANGE OF PHASE OF OPERATION, LINE OF FIRE DURING RU/RD, RED ZONE, PTW, PINCH POINTS, AND SLIPS/TRIPS/FALLS. SPOTTERS ON ALL LIGHT AND HEAVY EQUIPMENT. PROPER USE OF TAG LINES AND NECESSARY PPE'S AT ALL TIMES.
00:04	01:17	1.22	COMP	FRU	PRIME PUMPS, FILL OILERS, AND READY EQUIPMENT FOR FRAC STAGE #11
01:17	01:59	0.70	COMP	FPT	PREESURE TEST MAIN LINE TO 9500 PSI FOR 5 MINUTES.
01:59	03:25	1.43	COMP	FP	OW AND FRAC STG 11 OPENING WH PRESSURE: 1714psi. CHASE BALL W/ 47.6bbbls OF HCL ACID. AVERAGE RATE: 84.2bpm; AVERAGE PRESSURE: 5078psi; TOTAL PROP PUMPED 428870lb; MAX SAND CONCENTRATION 5.1ppa. TOTAL FLUID PUMPED:5097.7bbbl. ISIP: 2417psi. TOTAL FUEL 1110 GALS.
03:25	03:44	0.32	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 2224psi & OW
03:44	03:58	0.23	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
03:58	04:16	0.30	COMP	WLPD	PD TO 10046' WLM. SET CFP @ 10057' WLM. MAX PD RATE: 15.8bpm; MAX PRESS: 2725psi; AVG PRESS: 2600psi. PERF STG 12 INTERVAL (10030-9752' WLM) WHILE ON THE FLY.
04:16	04:34	0.30	COMP	WLPOOH	POOH W / WL
04:34	04:47	0.22	COMP	WLRD	OOH W/WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 174.5bbbls. LD WL BHA . SICP: 1814psi SISCP: 0psi
04:47	06:00	1.22	COMP	FP	CONTINUE TO FRAC STAGE #12
		<b>24.00</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 06/24/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	34	Daily Cost:	\$1,054,798
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$2,783,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$3,443,846
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	68.27%	Cum Total Spent:	\$6,355,507

24 Hrs SUMMARY:	FRAC STAGES 13-18
Current Activity:	W/L STAGE 19
Forecast:	FRAC STAGES 19-22 AND RDMO FRAC. SDFN AND WAIT ON CT
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA # 21				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
15	06/24/2013	8,709	8,989	44	4.40	0.42	60	6	70.00	9,014	4.4	0	Baker CFP
16	06/24/2013	8,361	8,672	44	0.40	0.42	60	6	77.75	8,675	4.4	0	Baker CFP
17	06/24/2013	8,014	8,294	44	4.40	0.42	60	6	70.00	8,327	4.4	0	Baker CFP
18	06/24/2013	7,666	7,946	44	4.40	0.42	60	6	70.00	7,980	4.4	0	Baker CFP
19	06/24/2013	7,319	7,599	44	4.40	0.42	60	6	70.00	7,633	4.4	0	Baker CFP
20	06/24/2013	6,971	7,251	44	4.40	0.42	60	6	70.00	7,285	4.4	0	Baker CFP
21	06/24/2013	6,624	6,904	44	4.40	0.42	60	6	70.00	6,937	4.4	0	Baker CFP

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:25	0.42	COMP	FP		OW AND FRAC STG 12 OPENING WH PRESSURE: 1744psi. CHASE BALL W/ 47.6bbbs OF HCL ACID. AVERAGE RATE: 83.7bpm; AVERAGE PRESSURE: 4958psi; TOTAL PROP PUMPED 431140lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5057.7bbl. ISIP: 2331psi. TOTAL FUEL 835 GALS.
06:25	06:50	0.42	COMP	WLRU		HELD SM/JSA W/ INVOLVED CREWS. PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1681psi & OW
06:50	06:55	0.08	COMP	WLRH		RIH & CORRELATE TO MJ @ 5210' WLM.
06:55	07:15	0.33	COMP	WLPD		PD TO 9720' WLM. SET CFP @ 9706' WLM. MAX PD RATE: 16.4bpm; MAX PRESS: 2700psi; AVG PRESS: 2100psi. PERF STG 13 INTERVAL (9682-9404' WLM) WHILE ON THE FLY
07:15	07:40	0.42	COMP	WLPOOH		POOH W / WL
07:40	08:00	0.33	COMP	WLRD		OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 167bbbs. LD WL BHA . SICP: 1400psi SISCP: 0psi
08:00	09:10	1.17	COMP	OT		SAND HAULER INCIDENT, SAND TRUCK RAN OVER SAND CHIEF.
09:10	10:35	1.42	COMP	FP		OW AND FRAC STG 13 OPENING WH PRESSURE: 1460psi. CHASE BALL W/ 47.6bbbs OF HCL ACID. AVERAGE RATE: 84.5bpm; AVERAGE PRESSURE: 5012psi; TOTAL PROP PUMPED 414494lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5074.7bbl. ISIP: 2430psi. TOTAL FUEL
		<b>24.00</b>				

**GENERAL COMMENTS :**

HSM/JSA REVIEW. TOUR CHANGE. NO ACCIDENTS, INCIDENTS, NEAR MISS, OR SPILLS REPORTED. DISCUSSED: COMMUNICATION, 1 ON 1 MENTORS FOR SSE'S, JSA'S FOR CHANGE OF PHASE OF OPERATION, LINE OF FIRE DURING RU/RD, RED ZONE, PTW, PINCH POINTS, AND SLIPS/TRIPS/FALLS. SPOTTERS ON ALL LIGHT AND HEAVY EQUIPMENT. PROPER USE OF TAG LINES AND NECESSARY PPE'S AT ALL TIMES. INCIDENT WITH SAND HAULER RUNNING OVER SAND CHIEF.

From	To	HRS	Ph	Op	Activity Last 24 hours
10:35	10:45	0.17	COMP	WLRU	HELD SM/JSA W/ INVOLVED CREWS. PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLEED TO WHP: 1892psi & OW
10:45	11:05	0.33	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
11:05	11:20	0.25	COMP	WLPD	PD TO 9375' WLM. SET CFP @ 9362' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2640psi; AVG PRESS: 2050psi. PERF STG 14 INTERVAL (9335-9057' WLM) WHILE ON THE FLY
11:20	11:40	0.33	COMP	WLPOOH	POOH W WL
11:40	11:50	0.17	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND PUMP PAST WH W/ 0bbls. TOTAL PD: 150bbls. LD LUBRICATOR AND WL BHA . SICP: 1800psi SISCP: 0psi
11:50	13:00	1.17	COMP	OT	OFF LOADING SAND
13:00	14:30	1.50	COMP	FP	OW AND FRAC STG 14 OPENING WH PRESSURE: 1228psi. CHASE BALL W/ 43.9bbls OF HCL ACID. AVERAGE RATE: 84.6bpm; AVERAGE PRESSURE: 5019psi; TOTAL PROP PUMPED 414311lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5068.3bbl. ISIP: 2488psi. TOTAL FUEL 847 GALS.
14:30	14:35	0.08	COMP	WLRU	HELD SM/JSA W/ INVOLVED CREWS. PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLEED TO WHP: 2200psi & OW
14:35	14:55	0.33	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
14:55	15:05	0.17	COMP	WLPD	PD TO 9025' WLM. SET CFP @ 9014' WLM. MAX PD RATE: 16bpm; MAX PRESS: 3300psi; AVG PRESS: 2675psi. PERF STG 15 INTERVAL (8987-8709' WLM) WHILE ON THE FLY.
15:05	15:30	0.42	COMP	WLPOOH	POOH W / WL
15:30	15:50	0.33	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 140bbls. LD LUBRICATOR AND WL BHA . SICP: 1920psi SISCP: 0psi
15:50	17:30	1.67	COMP	OT	CHANGE OUT SAND CHIEF AND LOAD SAND.
17:30	19:25	1.92	COMP	FP	OW AND FRAC STG 15 OPENING WH PRESSURE: 1300psi. CHASE BALL W/ 47.6bbls OF HCL ACID. AVERAGE RATE: 84.7bpm; AVERAGE PRESSURE: 4864psi; TOTAL PROP PUMPED 412921lb; MAX SAND CONCENTRATION 5.5ppa. TOTAL FLUID PUMPED:4990.2bbl. ISIP: 2121psi. TOTAL FUEL 978 GALS.
19:25	19:40	0.25	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLEED TO WHP: 1852psi & OW
19:40	19:48	0.13	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
19:48	19:53	0.08	COMP	WLPD	PD TO 8657' WLM. SET CFP @ 8675' WLM. MAX PD RATE: 15.8bpm; MAX PRESS: 3220psi; AVG PRESS: 3000psi. PERF STG 16 INTERVAL (8639-8361' WLM) WHILE ON THE FLY.
19:53	20:16	0.38	COMP	WLPOOH	POOH W / WL
20:16	21:38	1.37	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 120bbls. LD LUBRICATOR AND WL BHA . SICP: 1900psi SISCP: 0psi
21:38	23:01	1.38	COMP	FP	OW AND FRAC STG 16 OPENING WH PRESSURE: 1556psi. CHASE BALL W/ 47.6bbls OF HCL ACID. AVERAGE RATE: 83.9bpm; AVERAGE PRESSURE: 4985psi; TOTAL PROP PUMPED 411956lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:4930.2bbl. ISIP: 2441psi. TOTAL FUEL 1153 GALS.
23:01	23:13	0.20	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLEED TO WHP: 2065psi & OW
23:13	23:28	0.25	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
23:28	23:45	0.28	COMP	WLPD	PD TO 8313' WLM. SET CFP @ 8327' WLM. MAX PD RATE: 15.7bpm; MAX PRESS: 2682psi; AVG PRESS: 2450psi. PERF STG 17 INTERVAL (8292-8014' WLM) WHILE ON THE FLY.
23:45	00:00	0.25	COMP	WLPOOH	POOH W WL
00:00	00:35	0.58	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 96bbls. LD WL BHA . SICP: 2149psi SISCP: 0psi
00:35	01:57	1.37	COMP	FP	OW AND FRAC STG 17 OPENING WH PRESSURE: 1610psi. CHASE BALL W/ 47.6bbls OF HCL ACID. AVERAGE RATE: 84.7bpm; AVERAGE PRESSURE: 4922psi; TOTAL PROP PUMPED 424663lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:4967.2bbl. ISIP: 2454psi. TOTAL FUEL 752 GALS.
01:57	02:27	0.50	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLEED TO WHP: 1807psi & OW
02:27	02:45	0.30	COMP	WLRIH	RIH & CORRELATE TO mj @ 5210' WLM.
02:45	02:53	0.13	COMP	WLPD	PD TO 76969' WLM. SET CFP @ 7980' WLM. MAX PD RATE: 15.8bpm; MAX PRESS: 2684psi; AVG PRESS: 2450psi. PERF STG 18 INTERVAL (7944-7666' WLM) WHILE ON THE FLY
02:53	03:05	0.20	COMP	WLPOOH	POOH W WL
03:05	03:15	0.17	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 84bbls. LD WL BHA . SICP: 1790psi SISCP: 0psi
03:15	04:08	0.88	COMP	OT	WAITING ON SAND
04:08	05:30	1.37	COMP	FP	OW AND FRAC STG 18 OPENING WH PRESSURE:2297 psi. CHASE BALL W/ 47.6bbls OF HCL ACID. AVERAGE RATE: 83.9bpm; AVERAGE PRESSURE: 4985 psi; TOTAL PROP PUMPED 411956lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:4930.2bbl. ISIP: 2592 psi. TOTAL FUEL ??? GALS.
05:30	05:45	0.25	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLEED TO WHP: 2220psi & OW
05:45	06:00	0.25	COMP	WLRIH	RIH & CORRELATE TO MJ @ 5210' WLM.
		<b>24.00</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 06/25/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	Daily Cost:	\$692,015
REGION:	PERMIAN	AFE#:	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	Comp/WO (Event 2 or 4):	\$4,135,861
State:	TEXAS	WI%:	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	Cum Total Spent:	\$7,347,522

24 Hrs SUMMARY:	WL AND FRAC STAGES 19-22
Current Activity:	RDMO FRAC AND SUPPORT EQUIPMENT
Forecast:	COMPLETE RD OF FRAC EQUIPMENT AND CONTAINMENT
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		<b>BHA # 22</b>				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
22	06/25/2013	6,346	6,728	44	4.40	0.42	60	6	95.50	6,590	4.4	0	Baker CFP

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary													
From	To	HRS	Ph	Op	Activity Last 24 hours								
06:00	06:22	0.37	COMP	WLPD	PD TO 7650' WLM. SET CFP @ 7633' WLM. MAX PD RATE: 15.8bpm; MAX PRESS: 2980psi; AVG PRESS: 2850psi. PERF STG 19 INTERVAL (7597-7319' WLM) WHILE ON THE FLY.								
06:22	06:30	0.13	COMP	WLPOOH	POOH W/WL, SM WITH DAY CREW								
06:30	06:40	0.17	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 69.2bbls. LD WL BHA . SICP: 2150psi SISCP: 0psi								
06:40	07:40	1.00	COMP	OT	WAITING ON SAND								
07:40	09:05	1.42	COMP	FP	OW AND FRAC STG 19 OPENING WH PRESSURE: psi. CHASE BALL W/ 47.6bbls OF HCL ACID. AVERAGE RATE: 85.1bpm; AVERAGE PRESSURE: 4887psi; TOTAL PROP PUMPED 417200lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:5046.6bbl. ISIP: 2130psi. TOTAL FUEL ???								
09:05	09:15	0.17	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLEED TO WHP: 2230psi & OW								
09:15	09:30	0.25	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.								
09:30	09:45	0.25	COMP	WLPD	PD TO 7300' WLM. SET CFP @ 7285' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2850psi; AVG PRESS: 2550psi. PERF STG 20 INTERVAL (7249-6971' WLM) ON THE FY.								
09:45	10:00	0.25	COMP	WLPOOH	POOH W WL								
		<b>24.00</b>											

**GENERAL COMMENTS :**

From	To	HRS	Ph	Op	Activity Last 24 hours
10:00	10:15	0.25	COMP	WLRD	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 54bbbls. LD WL BHA . SICP: 2130psi SISCP: 0psi
10:15	15:20	5.08	COMP	OT	WAITING ON SAND AND ACID
15:20	16:40	1.33	COMP	FP	OW AND FRAC STG 20 OPENING WH PRESSURE: 1600psi. CHASE BALL W/ 48bbbls OF HCL ACID. AVERAGE RATE: 85.2bpm; AVERAGE PRESSURE: 4826psi; TOTAL PROP PUMPED 416380lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:4711bbl. ISIP: 2480psi. TOTAL FUEL: 1358gal
16:40	16:55	0.25	COMP	WLRU	HELD SM/JSA W/ INVOLVED CREWS. PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 2133psi & OW
16:55	17:05	0.17	COMP	WLRH	RIH & CORRELATE TO MJ @ 5210' WLM.
17:05	17:15	0.17			PD TO 6950' WLM. SET CFP @ 6937' WLM. MAX PD RATE: 16bpm; MAX PRESS: 2950psi; AVG PRESS: 2550psi. PERF STG 21 INTERVAL 6902-6624' WLM) ON THE FY.
17:15	17:35	0.33	COMP	WLPOOH	POOH W WL
17:35	17:45	0.17	COMP	WLRU	OOH W/ WL. CONFIRM CFP SET AND ASF. DROP 2.5in BALL AND LEAVE ON HYDRAULIC. TOTAL PD: 54bbbls. LD WL BHA . SICP: 1880psi SISCP: 0psi
17:45	19:15	1.50	COMP	OT	WAITING ON SAND
19:15	20:32	1.28	COMP	FP	OW AND FRAC STG 21 OPENING WH PRESSURE: 1684psi. CHASE BALL W/ 48bbbls OF HCL ACID. AVERAGE RATE: 85.2bpm; AVERAGE PRESSURE: 4485psi; TOTAL PROP PUMPED 415094lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:4902bbl. ISIP: 2273psi.
20:32	20:42	0.17	COMP	WLRU	PU WL BHA: BAKER 10k CFP (OD: 4.38in) W/ BAKER 20 ST & 5 GUNS (5-5-4-4-4 SPF). STAB LUBRICATOR & QUICK TEST SUB TO 8500psi. BLED TO WHP: 1880psi & OW
20:42	21:05	0.38		WLRH	RIH W/ WL STAGE 22 AND CORRELATE MJ @ 5,210' WLM
21:05	21:12	0.12	COMP	WLPD	PD TO 6627' WLM. SET CFP @ 6590' WLM. MAX PD RATE: 13bpm; MAX PRESS: 2400psi; AVG PRESS: 2200psi. PERF STG 22 INTERVAL (6556-6276' WLM) ON THE FLY
21:12	21:20	0.13	COMP	WLPOOH	POOH W WL
21:20	22:20	1.00	COMP	WLRD	RD WL AND PUMP DOWN PUMPS
22:20	23:40	1.33	COMP	FP	OW AND FRAC STG 22 OPENING WH PRESSURE: 1689psi. CHASE BALL W/ 48bbbls OF HCL ACID. AVERAGE RATE: 85.6bpm; AVERAGE PRESSURE: 4078psi; TOTAL PROP PUMPED 412197lb; MAX SAND CONCENTRATION 5ppa. TOTAL FLUID PUMPED:4834bbl. ISIP: 2282psi.
23:40	00:00	0.33	COMP	FRD	FAN PUMPS TO PUMPS TO PIT
00:00	00:30	0.50	COMP	SM	HELD SM W/ ALL VENDORS ON LOCATION. DISCUSSED: HAMMERING W/ FACE SHIELDS. LIFTING PERMITS, LAND GUIDES, PROPER LIFTING TECHNIQUES, TRIP HAZARDS, RDMO PROCEDURE
00:30	06:00	5.50	COMP	FRD	RDMO FRAC AND SUPPORT EQUIPMENT
		<b>24.00</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 06/26/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	36	Daily Cost:	\$53,345
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,189,206
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	79.50%	Cum Total Spent:	\$7,400,867

24 Hrs SUMMARY:	RDMO Frac equipment and support equipment	
Current Activity:	Waiting on coil	
Forecast:	MIRU coil tubing for DO	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	18:00	12.00	COMP	SERD		Continue clean containment and moving water in to for drill out.
18:00	18:15	0.25	COMP	SM		Held safety meeting with Cameron nipple down crews.
18:15	19:30	1.25	COMP	FRD		Nipple down frac stack
19:30	06:00	10.50	COMP	SDFN		SDFN and wait on coil. ETA: Wed evening
		<b>24.00</b>				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 06/27/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	37	Daily Cost:	\$87,094
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,276,300
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	80.44%	Cum Total Spent:	\$7,487,961

24 Hrs SUMMARY:	RDMO
Current Activity:	Waiting on Equipment
Forecast:	MIRU CT and Support equipment.
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14.012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	OT	Waiting on CT and support equipment	
		24.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 06/28/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	38	Daily Cost:	\$14,015
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,290,315
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	80.59%	Cum Total Spent:	\$7,501,976

24 Hrs SUMMARY:	Wait on CT	
Current Activity:	Rigging up drill out support equipment .	
Forecast:	MIRU CT	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14.012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	08:00	2.00	COMP	SDFN	Well shut in and secure	
08:00	08:30	0.50	COMP	SM	Safety meeting with all personal on location	
08:30	13:00	4.50	COMP	SERU	MIRU sand -x,plug catcher and mixing plant	
13:00	06:00	17.00	COMP	SDFN	Location and well shut in and secured	
		<b>24.00</b>				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 06/29/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	39	Daily Cost:	\$14,250
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,304,565
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	80.74%	Cum Total Spent:	\$7,516,226

24 Hrs SUMMARY:	Wait on CT operations.
Current Activity:	Wait on CT operations
Forecast:	MIRU 2 3/8" CTU and support equipment. Test and chart all PCE. RIH and drill out CFP's.
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary					Activity Last 24 hours
From	To	HRS	Ph	Op	
06:00	06:00	24.00			Location and well shut in and secured
		24.00			

GENERAL COMMENTS :



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 06/30/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	40	Daily Cost:	\$89,852
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,394,417
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	81.71%	Cum Total Spent:	\$7,606,078

24 Hrs SUMMARY:	MIRU 2 3/8" CTU, TEST AND CHART CTU BOP'S. RIH W/ DRILL OUT BHA AND DRILL OUT CFP'S.	
Current Activity:	Pulling short trip	
Forecast:	DO CFP # 13-21 and run Spectra scan log	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	08:00	2.00	COMP	SDFN		LOCATION AND WELL SECURE. WAITING ON DRILL OUT OPERATIONS: SICP-1000 PSI & SI
08:00	08:30	0.50	COMP	SM		HELD SAFETY MEETING WITH ALL PERSONNEL ON LOCATION. REVIEWED JSA/ JHA, COMPLETED PTW AND EQUIPMENT INSPECTIONS.
08:30	13:15	4.75	COMP	CTRU		MIRU 2 3/8" CTU and support equipment.
13:15	17:00	3.75	COMP	TE		TEST AND CHART BLIND RAMS AND PIPE RAMS 250 / 6000 PSI, 5 MINUTES EACH. PU DRILL OUT BHA, MU LUBRICATOR AND INJECTOR HEAD ON BOP'S. TEST AND CHART LUBRICATOR, COIL TUBING & SHELL TEST BOP'S. BLEED PRESSURE DOWN TO 1500 PSI AND TEST DBPV.
17:00	19:17	2.28	COMP	CTRIH		OW-1000 PSI. RIH W/ DRILL OUT BHA.
19:17	19:35	0.30	COMP	CTD		TAG PLUG #1 @ 6602' CTM (6590' WLM). MILL OUT IN 18 min; WOB: 3000lbs, 4.bbls IN/ 4.5bbls OUT, CSG . CIRCULATING PRESS: 4200psi; WHP: 730psi; PUMP 10bbls GEL SWEEP. 0 STALLS.
19:35	20:03	0.47	COMP	CTRIH		Wash down to CFP #2
20:03	20:16	0.22	COMP	CTD		TAG PLUG #2 @ 6951' CTM (6937' WLM). MILL OUT IN 13 min; WOB: 3000lbs, 4.bbls IN/ 4.5bbls OUT, CSG . CIRCULATING PRESS: 4200psi; WHP: 730psi; PUMP 10bbls GEL SWEEP. 0 STALLS.
20:16	20:45	0.48	COMP	CTRIH		Washed down to CFP #3
20:45	20:51	0.10	COMP	CTD		TAG PLUG #3 @ 7303' CTM (7285'WLM). MILL OUT IN 18 min; WOB: 3000lbs, 4.bbls IN/ 4.5bbls OUT, CSG . CIRCULATING PRESS: 4200psi; WHP: 0psi; PUMP 10bbls GEL SWEEP. 0 STALLS.
		<b>24.00</b>				

**GENERAL COMMENTS :**

From	To	HRS	Ph	Op	Activity Last 24 hours
20:51	21:29	0.63	COMP	CTRIH	Washed down to CFP #4
21:29	21:51	0.37	COMP	CTD	TAG PLUG #4 @ 7652' CTM (7633'WLM). MILL OUT IN 22 min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4200psi; WHP: 750psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
21:51	22:35	0.73	COMP	CTRIH	Wash down to CFP #5
22:35	22:45	0.17	COMP	CTD	TAG PLUG #5 @ 8000' CTM (7980'WLM). MILL OUT IN 10 min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4200psi; WHP: 780psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
22:45	23:13	0.47	COMP	CTRIH	Wash down to CFP #6
23:13	23:27	0.23	COMP	CTD	TAG PLUG #6 @ 8355' CTM (8327'WLM). MILL OUT IN 14min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
23:27	23:54	0.45	COMP	CTRIH	Wash down CFP #7
23:54	00:00	0.10	COMP	CTD	TAG PLUG #7 @ 8701' CTM (8675 'WLM). MILL OUT IN 6 min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
00:00	00:18	0.30	COMP	CTRIH	Wash down to CFP #8
00:18	00:31	0.22	COMP	CTD	TAG PLUG #8 @ 9042' CTM (9014'WLM). MILL OUT IN 13min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
00:31	01:07	0.60	COMP	CTRIH	Wash down to CFP #9
01:07	01:15	0.13	COMP	CTD	TAG PLUG #9@ 9388' CTM (9362'WLM). MILL OUT IN 13min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 720psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
01:15	01:27	0.20	COMP	CTRIH	Washing down to CFP #10,the manifold and plug catcher became plugged off.
01:27	01:45	0.30	COMP	CTPOOH	POOH from 9443' to make repairs on manifold.
01:45	02:33	0.80	COMP	CTRIH	Wash down to CFP #10
02:33	02:45	0.20	COMP	CTD	TAG PLUG #10 @9726 ' CTM (9706'WLM). MILL OUT IN 12min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
02:45	03:31	0.77	COMP	CTRIH	Wash down to CFP #11
03:31	03:40	0.15	COMP	CTD	TAG PLUG #11 @10088' CTM (10057'WLM). MILL OUT IN 9min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
03:40	04:04	0.40	COMP	CTRIH	Wash down to CFP # 12
04:04	04:13	0.15	COMP	CTD	TAG PLUG #12 @10437' CTM (10404'WLM). MILL OUT IN 7min; WOB: 3000lbs, 4.bbbs IN/ 4.5bbbs OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbs GEL SWEEP. 0 STALLS.
04:13	04:58	0.75	COMP	CTRIH	Wash down to CFP # 13
04:58	05:13	0.25	COMP	CTST	Pump 10 bbbs sweep and wait on sweep to clear coil.
05:13	06:00	0.78	COMP	CTST	Pull short trip
		<b>24.00</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 07/01/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	Daily Cost:	\$55,715
REGION:	PERMIAN	AFE#:	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	Comp/WO (Event 2 or 4):	\$4,450,132
State:	TEXAS	WI%:	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	Cum Total Spent:	\$7,661,793

24 Hrs SUMMARY:	Drilled out CFP's and washed to PBTD, POOH sweeping wellbore clean. RIH with spectrascan log.			
Current Activity:	RIH with spectrascan log.			
Forecast:	Complete spectrascan log, RDMO CTU, RU flowback equipment			
Accident/Spill(Y/N):	N	Description:		

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14.012 987						0	0	0	0	

Wellbore Detail			Wellhead Detail			BHA Summary				
Horizontal/Vertical:			A Sec:			BHA #				
KB (ft):	2590.53		B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53		C Sec:							
KB-GL (ft):	25.00		Valve Detail Bottom to Top:							
KOP (ft):										
Build Section:	Intermediate									
Deviation:	1.06									
TVD @ TD (ft):										
Average TVD (ft):										
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46									
PBTD (ft):										

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	08:00	2.00	COMP	CTST		Pulling short trip ?Helt safety with all on LOC
08:00	11:15	3.25	COMP	CTRIH		RIH after making short trip
11:15	11:23	0.13	COMP	CTD		TAG PLUG #13 @10788' CTM (10752'WLM). MILL OUT IN 8min; WOB: 3000lbs, 4.bbls IN/ 4.5bbls OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbls GEL SWEEP. 0 STALLS.
11:23	11:48	0.42	COMP	CTRIH		Wash down to CFP #14
11:48	12:02	0.23	COMP	CTD		TAG PLUG #14 @11134' CTM (11099'WLM). MILL OUT IN 9min; WOB: 3000lbs, 4.bbls IN/ 4.5bbls OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbls GEL SWEEP. 0 STALLS.
12:02	12:48	0.77	COMP	CTRIH		Wash down to CFP #15
12:48	12:58	0.17	COMP	CTD		TAG PLUG #15 @11489' CTM (11447'WLM). MILL OUT IN 10min; WOB: 3000lbs, 4.bbls IN/ 4.5bbls OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbls GEL SWEEP. 0 STALLS.
12:58	13:48	0.83	COMP	CTRIH		Wash down to CFP #16
13:48	13:59	0.18	COMP	CTD		TAG PLUG #16 @11839' CTM (11795'WLM). MILL OUT IN 11min; WOB: 3000lbs, 4.bbls IN/ 4.5bbls OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbls GEL SWEEP. 0 STALLS.
13:59	14:40	0.68	COMP	CTRIH		Wask down to CFP #17
		<b>24.01</b>				

**GENERAL COMMENTS :**

From	To	HRS	Ph	Op	Activity Last 24 hours
14:40	14:50	0.17	COMP	CTD	TAG PLUG #17 @10088' CTM (10057'WLM). MILL OUT IN 9min; WOB: 3000lbs, 4.bbbls IN/ 4.5bbbls OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbls GEL SWEEP. 0 STALLS. TAG PLUG #11 @10088' CTM (10057'WLM). MILL OUT IN 9min; WOB: 3000lbs, 4.bbbls IN/ 4.5bbbls OUT, CSG . CIRCULATING PRESS: 4300psi; WHP: 750psi; PUMP 10bbbls GEL SWEEP. 0 STALLS.
14:50	15:15	0.42	COMP	CTRIH	Wash down to CPF #18
15:15	15:31	0.27	COMP	CTD	TAG PLUG #18 @ 12529' CTM (12492' WLM). MILL OUT IN 16min; WOB: 3000lbs, 4bbbls IN/ 4.5bbbls OUT, CSG 45" CHOKE. CIRCULATING PRESS: 3800psi; WHP: 650psi; PUMP 10bbbls GEL SWEEP. 0 STALLS.
15:31	16:01	0.50	COMP	CTRIH	RIH TO TAG PLUG #19, RIW: 9000lbs
16:01	16:14	0.22	COMP	CTD	TAG PLUG #19 @ 12874' CTM (12870' WLM). MILL OUT IN 13min; WOB: 4000lbs, 4bbbls IN/ 4.5bbbls OUT, CSG 45" CHOKE. CIRCULATING PRESS: 3600psi; WHP: 725psi; PUMP 10bbbls GEL SWEEP. 0 STALLS.
16:14	16:48	0.57	COMP	CTRIH	RIH TO TAG PLUG #20, RIW: 8000lbs
16:48	17:00	0.20	COMP	CTD	TAG PLUG #20 @ 13217' CTM (13223' WLM). MILL OUT IN 12min; WOB: 4000lbs, 4bbbls IN/ 4.5bbbls OUT, CSG 45" CHOKE. CIRCULATING PRESS: 3700psi; WHP: 600psi; PUMP 20bbbls GEL SWEEP. 0 STALLS.
17:00	17:34	0.57	COMP	CTRIH	RIH TO TAG PLUG #21, RIW: 7000lbs
17:34	17:46	0.20	COMP	CTD	TAG PLUG #21 @ 13567' CTM (13571' WLM). MILL OUT IN 12min; WOB: 4000lbs, 4bbbls IN/ 4.5bbbls OUT, CSG 45" CHOKE. CIRCULATING PRESS: 3500psi; WHP: 600psi; PUMP 10bbbls GEL SWEEP. 0 STALLS.
17:46	18:33	0.78	COMP	CTRIH	Wash down to PBTD. Tagged PBTD @ 13,977' CTM. Pumped 20 bbl gel sweep.
18:33	02:45	8.20	COMP	CTPOOH	POOH FROM 13977' CTM WITH DRILL OUT BHA @ 35fpm IN THE HORIZONTAL, PUMP 30bbl GEL SWEEP, POOH @ 25fpm IN CURVE TO 4810' CTM, PUMP 30bbl GEL SWEEP, RIH TO 7200 ' CTM. POOH @ 25fpm IN CURVE. POOH @ 60 fpm IN VERTICAL
02:45	04:20	1.58	COMP	CTBHA	Changed out CTDO BHA, made up Spectrascan Logging BHA, Tested lubricator to 6000 psi. opened well to RIH. OWP 750 psi.
04:20	06:00	1.67	COMP	CTRIH	RIH with spectrascan log to log to PBTD.
		<b>24.01</b>			



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/02/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	42	Daily Cost:	\$195,224
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,645,356
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.40%	Cum Total Spent:	\$7,857,017

24 Hrs SUMMARY:	DO CFP and Run spectra scan log	
Current Activity:	Waiting on test unit	
Forecast:	Flow well back	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:30	0.50	COMP	SM	Safety meeting with day crews./Continue RIH w/CT	
06:30	08:00	1.50	COMP	CTRIH	RIH w/CT and Spectra scan log	
08:00	09:56	1.93	COMP	CTRIH	Started logging down from 4800' @ 30' min. to PBTD (13980)	
09:56	14:23	4.45	COMP	CTPOOH	POOH logging @ 30 ft min.pull up to 4800 ft	
14:23	16:30	2.12	COMP	CTPOOH	POOH w/ CT C.W SICP 800 psi	
16:30	18:30	2.00	COMP	CTRD	RDMO CT and support equipment	
18:30	02:45	8.25	COMP	FB	RU flow back equipment	
02:45	06:00	3.25	COMP	FB	Well shut in and secured, waiting on test crew.	
		<b>24.00</b>				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 07/03/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	43	Daily Cost:	\$7,650
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,653,006
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.49%	Cum Total Spent:	\$7,864,667

24 Hrs SUMMARY:	Tested all flow back iron and opened well for start of flow back ops.	
Current Activity:	Flowing back well	
Forecast:	flow back ops.	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14.012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	10:30	4.50	COMP	TE		Tested all iron
10:30	06:00	19.50	COMP	FB		Operen up well for flowback ops. SICP 875 psi.
		<b>24.00</b>				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

**DATE : 07/05/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	44	Daily Cost:	\$5,650
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,658,656
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.55%	Cum Total Spent:	\$7,870,317

24 Hrs SUMMARY:	CHOKE: 18 POS, TUBING PRESSURE: N/A, CASING PRESSURE: 300PSI, INTERMEDIATE CASING: 0 PSI, SURFACE CASING: 0 PSI, BWPH: 28 BW last 5 hrs:144, BOPH: 0, BO last 5 hrs:0, TOR:0, Oil API:N/A, GAS: MMCSF/D, CHLORIDES: 53,333PPM, WATER WEIGHT: 8.88 LBS/GAL	
Current Activity:	FLOWING WELL BACK	
Forecast:	FLOW WELL BACK	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production	5.500	14,012										
Surface	9.625	987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB		FLOW WELL BACK
		24.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/06/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	45	Daily Cost:	\$5,650
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,664,306
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.61%	Cum Total Spent:	\$7,875,967

24 Hrs SUMMARY:	CHOKE: 18 POS, TUBING: 0 PSI, CASING: 300 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 29 BBLS, BW last 5 hrs: 154 BBLS BOPH: 0, BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 47,407 PPM, WATER WT: 8.82 PPG, TW TO RECOVER: 98,157, REMAINING TO RECOVER : 95,085 TWR: 3072 BBLS, % WATER RECOVERED: 3.13, TOR: 0 BBLS, Oil API: N/A, H2S: N/A, CO2: N/A, SAND/SOLIDS: 0 TBS In 24HRS, OIL SAMPLES: 0 WATER SAMPLES: 7, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRAC TANKS, TOTAL WATER PREV. 24 HR: 883 BBLS TOTAL OIL PREVIOUS 24 HR: 0 BBLS, TOTAL GAS PREVIOUS 24 HR: N/A, VAC. TRUCKS PREVIOUS 24 HR: 6, TOTAL VAC. TRUCKS: 18 CHOKE: 18 POS, TUBING PRESSURE: N/A, CASING PRESSURE: 300PSI, INTERMEDIATE CASING: 0 PSI, SURFACE CASING: 0 PSI, BWPH: 28 BW last 5 hrs:144, BOPH: 0, BO last 5 hrs:0, TOR:0, Oil API:N/A, GAS: MMCSF/D, CHLORIDES: 53,333PPM, WATER WEIGHT: 8.88 LBS/GAL				
Current Activity:	FLOWING WELL BACK				
Forecast:	FLOW WELL BACK				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production	5.500	14,012										
Surface	9.625	987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB		FLOW WELL BACK
		24.00				

**GENERAL COMMENTS :**





**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

DATE : 07/07/2013

EVENT #

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	46	Daily Cost:	\$5,515
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,669,821
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.67%	Cum Total Spent:	\$7,881,482

24 Hrs SUMMARY: CHOKER: 18 POS, TUBING: 0 PSI, CASING: 200 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 29 BBLS, BW last 5 hrs: 151 BBLS, BOPH: 0 BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 48,592 PPM, WATER WT: 8.83 PPG, TW TO RECOVER: 98,157, REMAINING TO RECOVER : 93,596 TWR: 4,561 BBLS, % WATER RECOVERED: 4.65, TOR: 0 BBLS, Oil API: N/A, H2S: N/A, CO2: N/A, SAND/SOLIDS: 0 TBS In 24HRS OIL SAMPLES: 0, WATER SAMPLES: 9, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRAC TANKS, TOTAL WATER PREV. 24 HR: 747 BBLS, TOTAL OIL PREVIOUS 24 HR: 0 BBLS, TOTAL GAS PREVIOUS 24 HR: N/A, VAC. TRUCKS PREVIOUS 24 HR: 2 TOTAL VAC. TRUCKS: 30 CHOKER: 18 POS, TUBING: 0 PSI, CASING: 230 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 30 BBLS, BW last 5 hrs: 152 BBLS, BOPH: 0 BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 48,592 PPM, WATER WT: 8.83 PPG, TW TO RECOVER: 98,157, REMAINING TO RECOVER : 94,330 TWR: 3827 BBLS, % WATER RECOVERED: 3.90, TOR: 0 BBLS, Oil API: N/A, H2S: N/A, CO2: N/A, SAND/SOLIDS: 0 TBS In 24HRS, OIL SAMPLES: 0 WATER SAMPLES: 7, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRAC TANKS, TOTAL WATER PREV. 24 HR: 772 BBLS TOTAL OIL PREVIOUS 24 HR: 0 BBLS, TOTAL GAS PREVIOUS 24 HR: N/A, VAC. TRUCKS PREVIOUS 24 HR: 10, TOTAL VAC. TRUCKS: 28

Current Activity:	FLOWING WELL BACK
Forecast:	FLOW WELL BACK
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB	FLOW WELL BACK	
		24.00				

GENERAL COMMENTS :





**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/10/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	47	Daily Cost:	\$5,515
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,675,336
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.73%	Cum Total Spent:	\$7,886,997

24 Hrs SUMMARY:	CHOKE: 18 POS, TUBING: 0 PSI, CASING: 180 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 24 BBLs BW last 5 hrs: 116 BBLs, BOPH: 0, BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 52,147 PPM, WATER WT: 8.87 PPG TW TO RECOVER: 98,157, REMAINING TO RECOVER : 92,946, TWR: 5,211 BBLs, % WATER RECOVERED: 5.31 TOR: 0 BBLs, Oil API: N/A, H2S: N/A, CO2: N/A, SAND/ SOLIDS: 0 TBS In 24HRS, OIL SAMPLES: 0 WATER SAMPLES: 10, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRACTANKS TOTAL WATER PREV. 24 HR: 732 BBLs, TOTAL OIL PREVIOUS 24 HR: 0 BBLs, TOTAL GAS PREVIOUS 24 HR: N/A VAC. TRUCKS PREVIOUS 24 HR: 8, TOTAL VAC. TRUCKS: 38	
Current Activity:	FLOWING WELL BACK	
Forecast:	FLOW WELL BACK	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB	FLOW WELL BACK	
		24.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/11/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	48	Daily Cost:	\$5,485
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,680,821
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.79%	Cum Total Spent:	\$7,892,482

24 Hrs SUMMARY:	CHOKE: 18 POS, TUBING: 0 PSI, CASING: 275 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 27 BBLs BW last 5 hrs: 136 BBLs, BOPH: 0, BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 53,333 PPM WATER WT: 8.89 PPG, TW TO RECOVER: 98,157, REMAINING TO RECOVER : 92,339, TWR: 5,818 BBLs % WATER RECOVERED: 5.93, TOR: 0 BBLs, Oil API: N/A, H2S: N/A, CO2: N/A, SAND/ SOLIDS: 0 TBS In 24HRS OIL SAMPLES: 0, WATER SAMPLES: 11, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRACTANKS TOTAL WATER PREV. 24 HR: 580 BBLs, TOTAL OIL PREVIOUS 24 HR: 0 BBLs, TOTAL GAS PREVIOUS 24 HR: N/A VAC. TRUCKS PREVIOUS 24 HR: 6, TOTAL VAC. TRUCKS: 44, Transfers: 55 bbls	
Current Activity:	FLOWING WELL BACK	
Forecast:	FLOW WELL BACK	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB		FLOW WELL BACK
		24.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/12/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	49	Daily Cost:	\$5,485
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,686,306
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.84%	Cum Total Spent:	\$7,897,967

24 Hrs SUMMARY:	CHOKE: 18 POS, TUBING: 0 PSI, CASING: 100 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 23 BBLS, BW last 5 hrs: 121 BBLS BOPH: 0, BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 53,333 PPM, WATER WT: 8.89 PPG, TW TO RECOVER: 98,157, REMAINING TO RECOVER : 91,770 TWR: 6,387 BBLS, % WATER RECOVERED: 6.51, TOR: 0 BBLS, Oil API: N/A, H2S: N/A, CO2: N/A, SAND/ SOLIDS: 0 TBS In 24HRS, OIL SAMPLES: 0 WATER SAMPLES: 12, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRACTANKS, TOTAL WATER PREV. 24 HR: 588 BBLS TOTAL OIL PREVIOUS 24 HR: 0 BBLS, TOTAL GAS PREVIOUS 24 HR: N/ A, VAC. TRUCKS PREVIOUS 24 HR: 5, TOTAL VAC TRUCKS: 49, TRANSFER 75 BBLS				
Current Activity:	FLOWING WELL BACK				
Forecast:	FLOW WELL BACK				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB	FLOW WELL BACK	
		24.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
UNIVERSITY 46 1304H

**DATE : 07/13/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	50	Daily Cost:	\$5,485
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,691,791
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	84.90%	Cum Total Spent:	\$7,903,452

24 Hrs SUMMARY:	CHOKE: 18 POS, TUBING: 0 PSI, CASING: 80 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 23 BBLS, BW last 5 hrs: 115 BBLS BOPH: 0, BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 53,333 PPM, WATER WT: 8.89 PPG, TW TO RECOVER: 98,157 REMAINING TO RECOVER : 91,233, TWR: 6,924 BBLS, % WATER RECOVERED: 7.05, TOR: 0 BBLS, Oil API: N/A, H2S: N/A CO2: N/A, SAND/ SOLIDS: 0 TBS In 24HRS, OIL SAMPLES: 0, WATER SAMPLES: 13, SEPARATOR VESSEL: N/A FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRACTANKS, TOTAL WATER PREV. 24 HR: 556 BBLS, TOTAL OIL PREVIOUS 24 HR: 0 BBLS TOTAL GAS PREVIOUS 24 HR: N/ A, VAC. TRUCKS PREVIOUS 24 HR: 5, TOTAL VAC. TRUCKS: 54, Transfers: 75 bbbls				
Current Activity:	FLOWING BACK WELL				
Forecast:	FLOBACK WELL				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB		FLOW WELL BACK
		24.00				

**GENERAL COMMENTS :**



Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

**Stimulation Data**

Stage	Acid Vol (bbt)	Fluid Volume (bbt)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

**Operations Summary**

From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:00	24.00	COMP	FB	FLOW WELL BACK
		24.00			

GENERAL COMMENTS :



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/15/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	52	Daily Cost:	\$5,485
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,702,761
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	85.02%	Cum Total Spent:	\$7,914,422

24 Hrs SUMMARY:	CHOKE: 18 POS, TUBING: 0 PSI, CASING: 70 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 18 BBLS, BW last 5 hrs: 98 BBLS BOPH: 0, BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 54,518 PPM, WATER WT: 8.9 PPG, TW TO RECOVER: 98,157, REMAINING TO RECOVER : 90,288 TWR: 7,869 BBLS, % WATER RECOVERED: 8.02, TOR: 0 BBLS, Oil API: N/A, H2S: .098%, CO2: N/A, SAND/SOLIDS: 0 TBS In 24HRS OIL SAMPLES: 0, WATER SAMPLES: 15, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRACTANKS TOTAL WATER PREV. 24 HR: 473 BBLS, TOTAL OIL PREVIOUS 24 HR: 0 BBLS, TOTAL GAS PREVIOUS 24 HR: N/A, VAC. TRUCKS PREVIOUS 24 HR: 3 TOTAL VAC. TRUCKS: 60, Transfers: 75 bbls				
Current Activity:	FLOWING WELL BACK				
Forecast:	FLOW BACK WELL				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB	FLOW WELL BACK	
		24.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/16/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	53	Daily Cost:	\$5,485
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,708,246
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	85.08%	Cum Total Spent:	\$7,919,907

24 Hrs SUMMARY: CHOKE: 18 POS, TUBING: 0 PSI, CASING: 702 PSI, INT. CASING: 0 PSI, SUR. CASING: 0 PSI, BWPH: 0 BBLs, BW last 5 hrs: 0 BBLs, BOPH: 0 BO last 5 hrs: 0, GAS: N/A, PH: 7, CHLORIDES: 54,518 PPM, WATER WT: 8.9 PPG, TW TO RECOVER: 98,157, REMAINING TO RECOVER : 90,066 TWR: 8,147 BBLs, % WATER RECOVERED: 8.30, TOR: 0 BBLs, Oil API: N/A, H2S: .098%, CO2: N/A, SAND/SOLIDS: 0 TBS In 24HRS, OIL SAMPLES: 0 WATER SAMPLES: 15, SEPARATOR VESSEL: N/A, FLOW PATH OF RETURNS: WELLHEAD, MANIFOLD, FRACTANKS, TOTAL WATER PREV. 24 HR: 451 BBLs TOTAL OIL PREVIOUS 24 HR: 0 BBLs, TOTAL GAS PREVIOUS 24 HR: N/A, VAC. TRUCKS PREVIOUS 24 HR: 5, TOTAL VAC. TRUCKS: 65, Transfers: 75 bbls

Current Activity: FLOWING WELL BACK  
Forecast: FLOWBACK WELL  
Accident/Spill(Y/N): N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:00	24.00	COMP	FB	FLOW WELL BACK	
		24.00				

GENERAL COMMENTS :



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/17/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	54	Daily Cost:	\$7,315
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,715,561
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	85.16%	Cum Total Spent:	\$7,927,222

24 Hrs SUMMARY:	Well flowing back	
Current Activity:	Well shut in	
Forecast:	Set packer	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14.012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail			BHA Summary				
Horizontal/Vertical:		A Sec:			BHA #				
KB (ft):	2590.53	B Sec:			Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:							
KB-GL (ft):	25.00	Valve Detail Bottom to Top:							
KOP (ft):									
Build Section:	Intermediate								
Deviation:	1.06								
TVD @ TD (ft):									
Average TVD (ft):									
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46								
PBTD (ft):									

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbbl)	Fluid Volume (bbbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	00:00	18.00	COMP	FB	Well shut in	
		18.00				

**GENERAL COMMENTS :**



**DAILY COMPLETION AND WORKOVER REPORT**  
**UNIVERSITY 46 1304H**

**DATE : 07/18/2013**

**EVENT #**

Well:	UNIVERSITY 46 1304H	Report by:	BRANDON TONDREAU	AFE C Total:	\$5,008,540
API #:	4210541480	Report #:	55	Daily Cost:	\$24,117
REGION:	PERMIAN	AFE#:	11DC120289	Cum DRLG:	\$3,083,433
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,308,740	Comp/WO (Event 2 or 4):	\$4,739,678
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	CROCKETT	% AFE Spent:	85.52%	Cum Total Spent:	\$7,960,539

24 Hrs SUMMARY:	Well shut in	
Current Activity:	MIRU pump truck and WL	
Forecast:	Wait on WSU	
Accident/Spill(Y/N):	N	Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Production Surface	5.500 9.625	14,012 987						0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:		A Sec:		BHA #				
KB (ft):	2590.53	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2565.53	C Sec:						
KB-GL (ft):	25.00	Valve Detail Bottom to Top:						
KOP (ft):								
Build Section:	Intermediate							
Deviation:	1.06							
TVD @ TD (ft):								
Average TVD (ft):								
Bottom Hole Loc:	50' FNL & 990' FWL SEC 8, BLK 46							
PBTD (ft):								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	07:00	1.00	COMP	SDFN	Well shut in	
07:00	07:30	0.50	COMP	SM	Safety meeting	
07:30	08:10	0.67	COMP	TE	Prime pump line and test 250/8500 psi for 5 min.	
08:10	09:00	0.83	COMP	FP	OW @310 psi, pump350 bbls of 4% KCL ISIP 1227 psi 15 min shut in 430 psi.	
09:00	09:45	0.75	COMP	WLRU	RUWL run gauge ring,set packer	
09:45	10:00	0.25	COMP	TE	pressure test WL PCE 250/5000 psi for 5 min.	
10:00	10:30	0.50	COMP	WLRH	OW 360 psi RIH with 4,5 GR/JB to 5530'	
10:30	10:50	0.33	COMP	WLPOOH	POOH /WL	
10:50	11:00	0.17	COMP	WLRU	Make up 5.5 Branton packer	
11:00	11:50	0.83	COMP	WLRH	RIH w/ 5.5 packer	
11:50	12:00	0.17	COMP	PKR	Set 5.5 10K packer @5457' w/ 310 psi under packer	
12:00	12:30	0.50	COMP	WLPOOH	POOH w/WL setting tool	
12:30	13:30	1.00	COMP	TE	applied 5000 psi on packer for 30 min./Bled pressure down to 0 and negative test packer for 30 min	
		<b>24.00</b>				

**GENERAL COMMENTS :**

From	To	HRS	Ph	Op	Activity Last 24 hours
13:30	14:00	0.50	COMP	WLRD	RDMO WL and pump truck.
14:00	06:00	16.00	COMP	SDFN	Well shut in and Secured SICP 0 psi
		<b>24.00</b>			