		Country: State: Field: Supervisors: Engineer/Manager:		Report Number: Date: Spud Date: Release Date: DOE: Last BOP T.:  DOL:  AFE Days: CSG Test:					
Event: Safety Meeting Topic:		API #: Rig: Rig Phone:		Drig		Comp		Total	
Location: Lat: Long:		POB: Manhours: 0.00		AFE #:		167160/57584			
				Day Cost(\$):		0		0	
				Cum Cost(\$)		0		0	
				AFE(\$):		2,042,561		3,630,124	
						258,000		5,930,685	

Current Activity:  
24 Hr Summary:  
24 Hr Forecast:

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	11:00	5.00	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIPMENT, FRAC SPREAD AND WIRELINE EQUIPMENT
11:00	13:00	2.00	P	MIRU	01	MIRU	NU AND TEST WIRELINE BOP RAMS TO 250 PSI LOW, AND 8,000 PSI HIGH. CHART EACH TEST 15 MIN.
13:00	14:00	1.00	P	MIRU	01	MIRU	MIRU WELLTEC TRACTOR BHA AND ASSOCIATED EQUIPMENT
14:00	17:30	3.50	P	STG01	21	PERF	WL STAGE # 1. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS AND WELLTEC TRACTOR ASSY. CORRELATE W/ MARKER JT AT 7,564'. CONTINUE DOWN TO 8,296' & ACTIVATE TRACTOR. CONTINUE RIH.
17:30	18:00	0.50	P	STG01	28	SFTYMTG	HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
18:00	23:00	5.00	P	STG01	21	PERF	CONTINUE TO TRACTOR DOWN TO 18547' PU & PERF STG 1 AT 18,369' - 18,522'. POOH. ALL SHOTS FIRED.
23:00	02:00	3.00	P	STG01	21	PERF	WL/TRACTOR STAGE #1 CORRELATE W/ MARKER JT AT 18,380. TRACTOR BACK TO 18544. PULL BACK INTO POSITON WITH 8-1'X 3 1/8 HSC AND PERFORATE 18,369-18521. POH LOGGING CCL LOG.
02:00	05:30	3.50	P	STG01	73	WOOWO	WAITING ON OTHER OPERATIONS.
05:30	06:00	0.50	P	STG01	28	SFTYMTG	HSM. DISCUSS JSA W/ DAY CREW ON OPS.

Daily Operations Comments:

CASING			FLUIDS		COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:		Down Hole Tool Co:			Tool Sup:	
	/		Fluids Eng:		Qty	Description	ID	OD	Top Set
	/		Pit Temp:						
	/		Density:						
			Brine Type:						
			Gel Type:						
			Viscosity:						
			Nitrogen:						
			NTU:						
			FLOWBACK						
			Gas Rate:						
			Choke Size:						
			Avg. Tbg. Press:						
			Avg. Csg. Press:						
			Fluid Rate (Water):						
			Fluid Rate (Oil):						
			Tot. Load Recovered:						

PERFORATIONS						
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Comments

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	11:00	5.00	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIPMENT, FRAC SPREAD AND WIRELINE EQUIPMENT
11:00	13:00	2.00	P	MIRU	01	MIRU	NU AND TEST WIRELINE BOP RAMS TO 250 PSI LOW, AND 8,000 PSI HIGH. CHART EACH TEST 15 MIN.
13:00	14:00	1.00	P	MIRU	01	MIRU	MIRU WELLTEC TRACTOR BHA AND ASSOCIATED EQUIPMENT
14:00	17:30	3.50	P	STG01	21	PERF	WL STAGE # 1. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS AND WELLTEC TRACTOR ASSY. CORRELATE W/ MARKER JT AT 7,564'. CONTINUE DOWN TO 8,296' & ACTIVATE TRACTOR. CONTINUE RIH.
17:30	18:00	0.50	P	STG01	28	SFTYMTG	HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
18:00	23:00	5.00	P	STG01	21	PERF	CONTINUE TO TRACTOR DOWN TO 18547' PU & PERF STG 1 AT 18,369' - 18,522'. POOH. ALL SHOTS FIRED.
23:00	02:00	3.00	P	STG01	21	PERF	WL/TRACTOR STAGE #1 CORRELATE W/ MARKER JT AT 18,380. TRACTOR BACK TO 18544. PULL BACK INTO POSITON WITH 8-1'X 3 1/8 HSC AND PERFORATE 18,369-18521. POH LOGGING CCL LOG.
02:00	05:30	3.50	P	STG01	73	WOOWO	WAITING ON OTHER OPERATIONS.
05:30	06:00	0.50	P	STG01	28	SFTYMTG	HSM. DISCUSS JSA W/ DAY CREW ON OPS.


Daily Operations Comments:

CASING			FLUIDS		COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)			Down Hole Tool Co:			Tool Sup:	
	/				Qty	Description	ID	OD	Top Set
	/								
	/								
			FLOWBACK						
			Gas Rate:						
			Choke Size:						
			Avg. Tbg. Press:						
			Avg. Csg. Press:						
			Fluid Rate (Water):						
			Fluid Rate (Oil):						
			Tot. Load Recovered:						

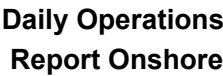
PERFORATIONS						
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Comments

<div>EP ENERGY</div>			Country: State: Field: Supervisors: Engineer/Manager:			Report Number: Date: Spud Date: Release Date: DOE: Last BOP T.: <div>DOL: AFE Days: CSG Test:</div>				
Event: Safety Meeting Topic:			API #: Rig: Rig Phone:			AFE #:	Drig	Comp		Total
Location: Lat:						Day Cost(\$):	0	0	0	
Long:			POB: Manhours: 0.00			Cum Cost(\$)	0	0	0	
						AFE(\$):	2,042,561	3,630,124	258,000	5,930,685
Current Activity:										
24 Hr Summary:										
24 Hr Forecast:										
OPERATION DETAILS										
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION			
06:00	17:30	11.50	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIPMENT, FRAC SPREAD AND OFFLOAD PROPPANT.			
17:30	18:00	0.50	P	STG01	28	SFTYMTG	HSM. DISCUSS JSA W/ NIGHT CREW ON OPS.			
18:00	19:00	1.00	P	STG01	28	SFTYMTG	CONDUCT FRAC PREPAD MEETING.			
19:00	05:30	10.50	P	MIRU	01	MIRU	RU ZIPPER IRON AND PRESSURE TEST SAME.			
05:30	06:00	0.50	P	MIRU	28	SFTYMTG	DAY CREW SAFETY MEETING.			
Daily Operations Comments:										
CASING			FLUIDS				COMPLETION STRING DETAILS			
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:					
					Fluids Eng:					
					Pit Temp:					
					Density:					
					Brine Type:					
					Gel Type:					
					Viscosity:					
					Nitrogen:					
					NTU:					
					FLOWBACK					
					Gas Rate:					
					Choke Size:					
					Avg. Tbg. Press:					
					Avg. Csg. Press:					
					Fluid Rate (Water):					
					Fluid Rate (Oil):					
					Tot. Load Recovered:					
PERFORATIONS										
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments			
OPERATION DETAILS										
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION			
06:00	17:30	11.50	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIPMENT, FRAC SPREAD AND OFFLOAD PROPPANT.			
17:30	18:00	0.50	P	STG01	28	SFTYMTG	HSM. DISCUSS JSA W/ NIGHT CREW ON OPS.			
18:00	19:00	1.00	P	STG01	28	SFTYMTG	CONDUCT FRAC PREPAD MEETING.			
19:00	05:30	10.50	P	MIRU	01	MIRU	RU ZIPPER IRON AND PRESSURE TEST SAME.			
05:30	06:00	0.50	P	MIRU	28	SFTYMTG	DAY CREW SAFETY MEETING.			
Daily Operations Comments:										
CASING			FLUIDS				COMPLETION STRING DETAILS			
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Down Hole Tool Co:					
					Tool Sup:					
					Qty	Description		ID	OD	Top Set
					FLOWBACK					
					Gas Rate:					
					Choke Size:					
					Avg. Tbg. Press:					
					Avg. Csg. Press:					
					Fluid Rate (Water):					
					Fluid Rate (Oil):					
					Tot. Load Recovered:					
PERFORATIONS										
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments			

<div>EPENERGY</div>			Country: State: Field: Supervisors: Engineer/Manager:			Report Number: Date: Spud Date: Release Date: DOE: Last BOP T.: <div>DOL:AFE Days: CSG Test:</div>							
Event: Safety Meeting Topic:			API #: Rig: Rig Phone:			Drig		Comp		Total			
Location: Lat: Long:			POB: Manhours: 0.00			AFE #:		167160/57584					
						Day Cost(\$):		0		0			
						Cum Cost(\$)		0		0			
						AFE(\$):		2,042,561		3,630,124			
258,000		5,930,685											
Current Activity: 24 Hr Summary: 24 Hr Forecast:													
OPERATION DETAILS													
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION						
06:00	09:00	3.00	P	MIRU	01	MIRU	INSTALL RESTRAINT SYSTEM ON 4" TREATING IRON BETWEEN ZIPPER AND FRAC STACKS						
09:00	09:30	0.50	N	STG01	09	EQRP	TROUBLESHOOT AND REPAIR SOLARIS SILO SYSTEM						
09:30	12:00	2.50	P	STG01	35	STIM	FRAC STAGE # 1: SICP: 253. PUMP 60 BBLS 15% HCL; FRW PAD; 278,900 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,880 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3,075 PSI. FG: 0.82 PSI/FT. ATP: 6,330 PSI. ATR: 66.5 BPM. MTP: 7,533 PSI. MTR: 84.2 BPM. LTR: 8,444 BBLS						
12:00	17:30	5.50	P	STG02	73	WOOWO	WAITING ON OTHER WELL OPS						
17:30	18:00	0.50	P	STG02	28	SFTYMTG	HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL						
18:00	02:40	8.67	P	STG02	73	WOOWO	WAITING ON OTHER WELL OPS.						
02:40	04:45	2.08	P	STG02	21	PERF	WL STAGE # 2. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RzrFRAC CFP 5.5" & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 18,352', PU & PERF ON THE FLY AT 18,188' - 18,292'. LD WL. ALL SHOTS FIRED. PUMPED 638 BBLS						
04:45	04:50	0.08	P	STG02	73	WOOWO	STANDBY @ 200' FOR FRAC.						
04:50	05:30	0.67	P	STG03	18	OTHR	SWAPPING WELLS						
05:30	06:00	0.50	P	STG03	28	SFTYMTG	HSM, DISCUSS JSA W/ DAY CREW ON OPS.						
Daily Operations Comments:													
CASING			FLUIDS				COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co: Fluids Eng: Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:				Down Hole Tool Co:		Tool Sup:		
/ / /			Qty						Description		ID	OD	Top Set
				FLOWBACK									
				Gas Rate:									
				Choke Size:									
				Avg. Tbg. Press:									
				Avg. Csg. Press:									
				Fluid Rate (Water):									
				Fluid Rate (Oil):									
				Tot. Load Recovered:									
PERFORATIONS													
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments						
OPERATION DETAILS													
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION						
06:00	09:00	3.00	P	MIRU	01	MIRU	INSTALL RESTRAINT SYSTEM ON 4" TREATING IRON BETWEEN ZIPPER AND FRAC STACKS						
09:00	09:30	0.50	N	STG01	09	EQRP	TROUBLESHOOT AND REPAIR SOLARIS SILO SYSTEM						
09:30	12:00	2.50	P	STG01	35	STIM	FRAC STAGE # 1: SICP: 253. PUMP 60 BBLS 15% HCL; FRW PAD; 278,900 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,880 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3,075 PSI. FG: 0.82 PSI/FT. ATP: 6,330 PSI. ATR: 66.5 BPM. MTP: 7,533 PSI. MTR: 84.2 BPM. LTR: 8,444 BBLS						
12:00	17:30	5.50	P	STG02	73	WOOWO	WAITING ON OTHER WELL OPS						
17:30	18:00	0.50	P	STG02	28	SFTYMTG	HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL						
18:00	02:40	8.67	P	STG02	73	WOOWO	WAITING ON OTHER WELL OPS.						
02:40	04:45	2.08	P	STG02	21	PERF	WL STAGE # 2. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RzrFRAC CFP 5.5" & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 18,352', PU & PERF ON THE FLY AT 18,188' - 18,292'. LD WL. ALL SHOTS FIRED. PUMPED 638 BBLS						
04:45	04:50	0.08	P	STG02	73	WOOWO	STANDBY @ 200' FOR FRAC.						
04:50	05:30	0.67	P	STG03	18	OTHR	SWAPPING WELLS						
05:30	06:00	0.50	P	STG03	28	SFTYMTG	HSM, DISCUSS JSA W/ DAY CREW ON OPS.						
Daily Operations Comments:													
CASING			FLUIDS				COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)						Down Hole Tool Co:		Tool Sup:		
/ / /			Qty						Description		ID	OD	Top Set
				FLOWBACK									
				Gas Rate:									
				Choke Size:									
				Avg. Tbg. Press:									
				Avg. Csg. Press:									
				Fluid Rate (Water):									
				Fluid Rate (Oil):									
				Tot. Load Recovered:									

	<b>Daily Operations Report Onshore</b>	Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/00	Report Number: 005				
		Country: USA State: TEXAS Field: WOLFCAMP CENTRAL Supervisors: R. MULL / J. CATHEY / J. CASTILLO / B. HEBER Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN	Report Date: 01/30/2017 Spud Date: 10/09/2016 Release Date: DOE: 5 Last BOP T.:  DOL: 5  AFE Days: 8.00 CSG Test:				
24 Hr Forecast: CONTINUE FRAC OPERATIONS.							
PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments





Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / J. CATHEY / J. CASTILLO / B. HEBERT  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 008  
Report Date: 02/01/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 7 DOL: 7 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 35 Manhours: 136.00

Current Activity: WOOWO  
24 Hr Summary: FRAC STGS 5 & 6 WL STGS 5, 6 & 7  
24 Hr Forecast: CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

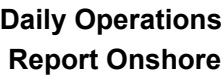
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG05	73	WOOWO	WAITING ON OTHER WELL OPS
06:30	07:00	0.50	P	STG05	18	OTHR	SWAPPING WELLS
07:00	09:30	2.50	P	STG05	21	PERF	WL STAGE # 5. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 17,802', PU & PERF ON THE FLY AT 17,629' - 17,782'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 597 BBLS. POH. ALL SHOTS FIRED.
09:30	10:15	0.75	P	STG05	18	OTHR	SWAPPING WELL AND GREASE WELLHEAD EQUIPMENT
10:15	10:59	0.73	P	STG05	09	EQRP	REPLACE PACKING IN PUMP
10:59	13:09	2.17	P	STG05	35	STIM	FRAC STAGE # 5: SICP: 2,345. PUMP 60 BBLS 15% HCL; FRW PAD: 278,740 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,160 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3,788 PSI. FG: 0.91 PSI/FT. ATP: 6,670 PSI. ATR: 73.1 BPM. MTP: 7,654 PSI. MTR: 89.7 BPM. LTR: 8,372 BBLS
13:09	17:30	4.35	P	STG05	73	WOOWO	WOOWO
17:36	18:00	0.40	P	STG05	28	SFTYMTG	HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
18:00	20:32	2.54	P	STG05	21	PERF	WL STAGE # 6. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 17,612', PU & PERF ON THE FLY AT 17,444' - 17,596'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 597 BBLS. POH. ALL SHOTS FIRED.
20:32	21:16	0.73	P	STG05	73	WOOWO	WOOWO
21:16	23:30	2.23	P	STG06	35	STIM	FRAC STAGE # 6: SICP: 2,409. PUMP 60 BBLS 15% HCL; FRW PAD: 276,400 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 92,950 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3,368 PSI. FG: 0.86 PSI/FT. ATP: 6,866 PSI. ATR: 72.7 BPM. MTP: 7,815 PSI. MTR: 86.47 BPM. LTR: 8,476 BBLS
23:30	02:50	3.33	P	STG07	73	WOOWO	WOOWO
02:50	05:30	2.67	P	STG07	21	PERF	WL STAGE # 7. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 17,427', PU & PERF ON THE FLY AT 17,259' - 17,408'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 584 BBLS. POH. ALL SHOTS FIRED.
05:30	06:00	0.50	P	STG07	28	SFTYMTG	HSM, DISCUSS JSA W/ DAY CREW ON OPS.

## Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / J. CATHEY / J. CASTILLO / B. HEBER  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 009  
Report Date: 02/02/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 8 DOL: 8 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 35 Manhours: 136.00

Current Activity: GREASE AND RE TORQUE FRAC STACK  
24 Hr Summary: FRAC STG 7, 8, 9. WL STG 8, 9.  
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:08	2.13	P	STG07	35	STIM	FRAC STAGE # 7: SICP: 2,726. PUMP 60 BBLS 15% HCL; FRW PAD; 278,600 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,340 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3,773 PSI. FG: 0.91 PSI/FT. ATP: 6,676 PSI. ATR: 75.6 BPM. MTP: 7,917 PSI. MTR: 87.0 BPM. LTR: 8,367 BBLS
08:08	11:08	3.00	P	STG08	73	WOOWO	WOOWO
11:08	12:00	0.87	P	STG08	18	OTHR	REHEAD WL TOOLS AND STANDBY FOR FRAC TO REPAIR PUMPS
12:00	14:40	2.67	P	STG08	21	PERF	WL STAGE # 8. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 17,237', PU & PERF ON THE FLY AT 17,070' - 17,222'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 566 BBLS. POH. ALL SHOTS FIRED.
14:40	16:20	1.67	P	STG08	73	WOOWO	WOOWO
16:20	17:36	1.27	P	STG08	35	STIM	BEGIN FRAC STAGE # 8
17:36	18:00	0.40	P	STG08	28	SFTYMTG	HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
18:00	18:26	0.43	P	STG08	35	STIM	FRAC STAGE # 8: SICP: 2,535. PUMP 60 BBLS 15% HCL; FRW PAD; 278,840 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,440 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3,277 PSI. FG: 0.85 PSI/FT. ATP: 6,752 PSI. ATR: 75.4 BPM. MTP: 7,643 PSI. MTR: 90.9 BPM. LTR: 8321 BBLS
18:26	21:50	3.40	P	STG09	73	WOOWO	WOOWO
21:50	01:05	3.25	P	STG09	21	PERF	WL STAGE # 9. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 17,057', PU & PERF ON THE FLY AT 16,889' - 17,041'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 568 BBLS. POH. ALL SHOTS FIRED.
01:05	01:45	0.67	P	STG09	73	WOOWO	SWAPPING WELLS.
01:45	03:54	2.15	P	STG09	35	STIM	FRAC STAGE # 9: SICP: 2,674. PUMP 60 BBLS 15% HCL; FRW PAD; 278,050 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,450 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 4,132 PSI. FG: 0.95 PSI/FT. ATP: 6,472 PSI. ATR: 74.1 BPM. MTP: 7,599 PSI. MTR: 86.6 BPM. LTR: 8364 BBLS
03:54	05:30	1.60	P	STG10	73	WOOWO	GREASE AND RETORGUE FRAC STACK.
05:30	06:00	0.50	P	STG10	28	SFTYMTG	HSM, DISCUSS JSA W/ DAY CREW ON OPS.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments







Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01  
Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / K. FETTEROLF / R. ONTIVEROS/ B. H  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 011  
Report Date: 02/04/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 10 DOL: 10 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 35 Manhours: 136.00

Current Activity: WOOWO  
24 Hr Summary: FRAC STAGE 12 THRU 14, WIRELINE STAGE 13 THRU 14  
24 Hr Forecast: CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:10	0.17	P	STG12	73	WOOWO	WOOWO
06:10	06:50	0.67	P	STG12	18	OTHR	SWAP WELLS.
06:50	07:30	0.67	N	STG12	09	EQRP	REPLACE FRAC PUMP, PRIME AND TEST
07:30	09:40	2.17	P	STG12	35	STIM	FRAC STAGE # 12: SICP: 2,660. PUMP 60 BBLS 15% HCL; FRW PAD; 278,780 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,900 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 4,098 PSI. FG: 0.95 PSI/FT. ATP: 6,354 PSI. ATR: 73.4 BPM. MTP: 7,654 PSI. MTR: 87.6 BPM. LTR: 8,203 BBLS. PUMPS IN LINE: 13, LOST: 00, STANDBY: 02
09:40	13:05	3.42	P	STG13	73	WOOWO	WOOWO
13:05	13:55	0.83	P	STG13	18	OTHR	SWAP WELLS & RE-HEAD WIRELINE TOOLS
13:55	16:20	2.42	P	STG13	21	PERF	WL STAGE # 13. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 16,317', PU & PERF ON THE FLY AT 16,149' - 16,302'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 522 BBLS. POH. ALL SHOTS FIRED.
16:20	17:00	0.67	P	STG13	18	OTHR	SWAP WELLS
17:00	19:10	2.17	P	STG13	35	STIM	FRAC STAGE # 13: SICP: 2,467. PUMP 60 BBLS 15% HCL; FRW PAD; 278,240 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,020 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3,828 PSI. FG: 0.92 PSI/FT. ATP: 6,270 PSI. ATR: 68.5 BPM. MTP: 7,675 PSI. MTR: 88.9 BPM. LTR: 8270 BBLS. PUMPS IN LINE: 14, LOST: 1, STANDBY: 2. HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
19:10	22:25	3.25	P	STG14	73	WOOWO	WOOWO
22:25	03:00	4.58	P	STG14	21	PERF	WL STAGE # 14. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 16,132', PU & PERF ON THE FLY AT 15,985' - 16,091'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 493 BBLS. POH. ALL SHOTS FIRED.
03:00	03:21	0.35	P	STG14	18	OTHR	SWAP WELLS
03:21	05:30	2.15	P	STG14	35	STIM	FRAC STAGE # 14: SICP: 2512. PUMP 30 BBLS 15% HCL; FRW PAD; 278,000 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL; 93,600 LBS 40/70 @ 1.00 - 2.00 PPG; FRW FLUSH + 15 BBLS. ISIP: 3820 PSI. FG: 0.92 PSI/FT. ATP: 6,570 PSI. ATR: 76.8 BPM. MTP: 7,979 PSI. MTR: 89.8 BPM. LTR: 8163 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 2. HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
05:30	06:00	0.50	P	STG15	28	SFTYMTG	HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL

## Daily Operations Comments:

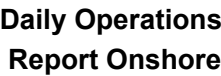
NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01			Report Number: 012 Report Date: 02/05/2017 Spud Date: 10/09/2016 Release Date: DOE: 11 DOL: 11 AFE Days: 8.00 Last BOP T.: CSG Test:				
Event: COMPLETION LAND			API #: 4238339687							
Safety Meeting Topic:			Rig:							
Location: Lat: 31° 11' 59.34853 N			Rig Phone:							
Long: 101° 37' 37.79502 W			KB(ft): 2,862.01							
			POB: 36 Manhours: 140.00							
Current Activity: READY TO FRAC STAGE 17										
24 Hr Summary: FRAC STAGE 15 THRU 16, WIRELINE STAGE 15 THRU 17										
24 Hr Forecast: CONTINUE FRAC OPERATIONS										
OPERATION DETAILS										
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION			
06:00	09:45	3.75	P	STG15	73	WOOWO	WOOWO			
09:45	11:57	2.20	P	STG15	21	PERF	WL STAGE # 15. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 15,946', PU & PERF ON THE FLY AT 15,779' - 15,931'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 507 BBLS. POH. ALL SHOTS FIRED.			
11:57	12:55	0.97	P	STG15	18	OTHR	SWAP WELLS			
12:55	15:00	2.08	P	STG15	35	STIM	FRAC STAGE # 15 SLICKWATER - SICP: 2,390. PUMP 30 BBLS 15% ACID; PUMP 278,140 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,600 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,429 PSI. ATR: 76.2 BPM. MTP: 7,762 PSI. MTR: 93.3 BPM. ISIP: 3,746 PSI. FG: 0.91 LTR: 7,981 BBLS. PUMPS IN LINE: 14, LOST: 00, STANDBY: 03			
15:00	17:30	2.50	P	STG16	73	WOOWO	WOOWO			
17:30	18:00	0.50	P	STG16	28	SFTYMTG	HELD JSA SAFETY MEETING WITH NIGHT SHIFT PERSONNEL			
18:00	20:30	2.50	P	STG16	21	PERF	WL STAGE # 16. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 15,761', PU & PERF ON THE FLY AT 15,615' - 15,724'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 471 BBLS. POH. ALL SHOTS FIRED.			
20:30	21:45	1.25	P	STG16	18	OTHR	SWAP WELLS, PUMP MAINTENANCE			
21:45	23:45	2.00	P	STG16	35	STIM	FRAC STAGE # 16 SLICKWATER - SICP: 2,358. PUMP 30 BBLS 15% ACID; PUMP 279,500 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,100 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,510 PSI. ATR: 76.0 BPM. MTP: 7,597 PSI. MTR: 89.2 BPM. ISIP: 3,791 PSI. FG: 0.91 LTR: 8021 BBLS. PUMPS IN LINE: 14, LOST: 00, STANDBY: 03			
23:45	02:45	3.00	P	STG17	73	WOOWO	WOOWO			
02:45	05:30	2.75	P	STG17	21	PERF	WL STAGE # 17. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 15,576', PU & PERF ON THE FLY AT 15,409' - 15,561'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 486 BBLS. POH. ALL SHOTS FIRED.			
05:30	06:00	0.50	P	STG17	28	SFTYMTG	HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL			
Daily Operations Comments:										
NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT										
CASING			FLUIDS			COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:			Down Hole Tool Co:		Tool Sup:		
	/ 1,201.00		Fluids Eng:			Qty	Description	ID	OD	Top Set
9.625	1,201.00 / 1,201.00		Pit Temp:							
Density:										
Brine Type:										
Gel Type:										
Viscosity:										
Nitrogen:										
NTU:			FLOWBACK							
			Gas Rate:							
			Choke Size:							
			Avg. Tbg. Press:							
			Avg. Csg. Press:							
			Fluid Rate (Water):							
			Fluid Rate (Oil):							
			Tot. Load Recovered:							
PERFORATIONS										
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments			



Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / K. FETTEROLF / M. ALLISON / R. ONT  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 013  
Report Date: 02/06/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 12 DOL: 12 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity:	READY TO WIRELINE STAGE 20
24 Hr Summary:	FRAC STAGE 17 THRU 19, WIRELINE STAGE 18 THRU 19
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:21	0.35	P	STG17	28	SFTYMTG	PJSM & JSA'S WITH ALL CREWS
06:21	08:27	2.10	P	STG17	35	STIM	FRAC STAGE # 17 SLICKWATER - SICP: 2,640. PUMP 60 BBLS 15% ACID; PUMP 278,250 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,200 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,450 PSI. ATR: 76.1 BPM. MTP: 7,639 PSI. MTR: 91.0 BPM. ISIP: 3,768 PSI. FG: 0.91 LTR: 7,892 BBLS. PUMPS IN LINE: 14, LOST: 00, STANDBY: 03
08:27	12:25	3.97	P	STG18	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
12:25	13:30	1.08	P	STG18	21	PERF	WL STAGE # 18. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 15,391', PU & PERF ON THE FLY AT 15,224' - 15,376'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 468 BBLS. POH. ALL SHOTS FIRED.
13:30	14:43	1.22	P	STG18	73	WOOWO	WOOWO
14:43	16:00	1.28	P	STG18	18	OTHR	GREASE AND TORQUE. HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL.
16:00	18:05	2.08	P	STG18	35	STIM	FRAC STAGE # 18 SLICKWATER - SICP: 2,496. PUMP 60 BBLS 15% ACID; PUMP 278,660 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,200 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,362 PSI. ATR: 74.2 BPM. MTP: 7,598 PSI. MTR: 85.8 BPM. ISIP: 3,683 PSI. FG: 0.90 LTR: 8206 BBLS. PUMPS IN LINE: 14, LOST: 00, STANDBY: 03
18:05	21:15	3.17	P	STG19	73	WOOWO	WOOWO
21:15	23:44	2.48	P	STG19	21	PERF	WL STAGE # 19. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 15,206', PU & PERF ON THE FLY AT 15,039' - 15,191'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 452 BBLS. POH. ALL SHOTS FIRED.
23:44	00:22	0.63	P	STG19	18	OTHR	SWAPPING WELLS.
00:22	02:27	2.08	P	STG19	35	STIM	FRAC STAGE # 19 SLICKWATER - SICP: 2634. PUMP 60 BBLS 15% ACID; PUMP 278,950 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,500 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6251 PSI. ATR: 76.1 BPM. MTP: 7297 PSI. MTR: 90.1 BPM. ISIP: 3973 PSI. FG: .93 LTR: 8236 BBLS. PUMPS IN LINE: 14, LOST: 01, STANDBY: 03
02:27	05:30	3.05	P	STG20	73	WOOWO	WOOWO
05:30	06:00	0.50	P	STG20	28	SFTYMTG	HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL. WIRELINE REHEAD

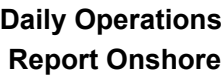
## Daily Operations Comments:

NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/ 1,201.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 / 1,201.00		Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



**Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01**

Report Number: 014  
Report Date: 02/07/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 13 DOL: 13 AFE Days: 8.00  
Last BOP T.: CSG Test:

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity:	WAITING ON OTHER WELL OP'S
24 Hr Summary:	FRAC STAGE 20,21, WIRELINE STAGE 20,21,22
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:15	0.25	P	STG20	28	SFTYMTG	PJSM & JSA'S WITH ALL CREWS
06:15	07:15	1.00	P	STG20	21	PERF	WL STAGE # 20. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 15,021', PU & PERF ON THE FLY AT 14,875' - 15,006'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 452 BBLS. POH. ALL SHOTS FIRED.
07:15	08:44	1.48	P	STG20	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
08:44	09:15	0.52	P	STG20	18	OTHR	SWAPPING WELLS, SWAPPING PUMPS
09:15	12:02	2.78	P	STG20	35	STIM	FRAC STAGE # 20 SLICKWATER - SICP: 2285. PUMP 60 BBLS 15% ACID; PUMP 278,730 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,840 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6368 PSI. ATR: 74.3 BPM. MTP: 7667 PSI. MTR: 91.5 BPM. ISIP: 4,097 PSI. FG: .95 LTR: 9,400 BBLS. PUMPS IN LINE: 13, LOST: 01, STANDBY: 02
12:02	14:12	2.17	N	STG20	18	OTHR	WHILE PUMPING 1.5 PPG 40/70, CHEMAD UNIT THREW THE FAN BELT AND BUSTED THE IDLER PULLEY. RIGGED UP CHEMICALS DIRECT TO BLENDER TO COMPLETE STAGE.
14:12	14:29	0.28	P	STG20	35	STIM	COMPLETED STAGE #20
14:29	14:56	0.45	P	STG21	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
14:56	15:50	0.90	P	STG21	21	PERF	WL STAGE # 21. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 14,836', PU & PERF ON THE FLY AT 14,669' - 14,821'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 447 BBLS. POH. ALL SHOTS FIRED.
15:50	17:30	1.67	P	STG21	73	WOOWO	WAITING ON OTHER WELL OP'S
17:30	18:00	0.50	P	STG21	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	22:18	4.30	P	STG21	73	WOOWO	CONT S/B ON OTHER WELL OP'S
22:18	00:19	2.02	P	STG21	35	STIM	FRAC STAGE # 21 SLICKWATER - SICP: 2525. PUMP 60 BBLS 15% ACID; PUMP 279,100 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,500 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6523 PSI. ATR: 76.5 BPM. MTP: 7357 PSI. MTR: 91.2 BPM. ISIP: 3635 PSI. FG: .89 LTR: 8262 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 02
00:19	12:50		P	STG22	18	OTHR	SWAPPING WELLS
00:50	03:45	2.92	P	STG22	21	PERF	WL STAGE # 22. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 14,651' PU & PERF ON THE FLY AT 14,484' - 14,636'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 423 BBLS. POH. ALL SHOTS FIRED.
03:45	05:30	1.75	P	STG22	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG22	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

## Daily Operations Comments:

CASING				FLUIDS		COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Fluids Co:		Down Hole Tool Co:			Tool Sup:	
	/ 1,201.00			Fluids Eng:		Qty	Description	ID	OD	Top Set
9.625	1,201.00 / 1,201.00			Pit Temp:						
				Density:						
				Brine Type:						
				Gel Type:						
				Viscosity:						
				Nitrogen:						
				NTU:						
				FLOWBACK						
				Gas Rate:						
				Choke Size:						
				Avg. Tbg. Press:						
				Avg. Csg. Press:						
				Fluid Rate (Water):						
				Fluid Rate (Oil):						
				Tot. Load Recovered:						
PERFORATIONS										
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments			



**Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01**

Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / K. FETTEROLF / M. ALLISON / R. ONT  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 015  
Report Date: 02/08/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 14 DOL: 14 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity:	SCHEDULED RE-TORQUE ON STACK AND ZIPPER
24 Hr Summary:	W/L STG 23,24. FRAC STG 22,23,24
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:57	2.95	P	STG22	73	WOOWO	WAITING ON OTHER WELL OP'S
08:57	10:55	1.97	P	STG22	35	STIM	FRAC STAGE # 22 SLICKWATER - SICP: 2,540. PUMP 60 BBLS 15% ACID; PUMP 279,180 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,560 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,970 PSI. ATR: 77.1 BPM. MTP: 7,306 PSI. MTR: 90.2 BPM. ISIP: 3,693 PSI. FG: 0.90 LTR: 7,966 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 03
10:55	11:30	0.58	P	STG23	18	OTHR	SWAP WELLS
11:30	13:40	2.17	P	STG23	21	PERF	WL STAGE # 23. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 14,466' PU & PERF ON THE FLY AT 14,299' - 14,452'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 413 BBLS. POH. ALL SHOTS FIRED.
13:40	17:30	3.83	P	STG23	73	WOOWO	WAITING ON OTHER WELL OP'S
17:30	18:00	0.50	P	STG23	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	20:06	2.10	P	STG23	35	STIM	FRAC STAGE # 23 SLICKWATER - SICP: 2374. PUMP 60 BBLS 15% ACID; PUMP 278,750 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,600 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6363 PSI. ATR: 75.2 BPM. MTP: 7471 PSI. MTR: 90.4 BPM. ISIP: 3905 PSI. FG: 0.93 LTR: 8200 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 03
20:06	20:40	0.57	P	STG24	73	WOOWO	SWAPPING WELLS
20:40	23:15	2.58	P	STG24	21	PERF	WL STAGE # 24. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 14,281' PU & PERF ON THE FLY AT 14,114' - 14,266'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 387 BBLS. POH. ALL SHOTS FIRED.
23:15	02:40	3.42	P	STG24	73	WOOWO	WAITING ON OTHER WELL OP'S
02:40	04:55	2.25	P	STG24	35	STIM	FRAC STAGE # 24 SLICKWATER - SICP: 2352. PUMP 60 BBLS 15% ACID; PUMP 276,400 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,150 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6304 PSI. ATR: 76.6 BPM. MTP: 7471 PSI. MTR: 89.6 BPM. ISIP: 3892 PSI. FG: 0.92 LTR: 8350 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 03
04:55	05:30	0.58	P	STG25	18	OTHR	GREASE AND RETORQUE STACK.
05:30	06:00	0.50	P	STG25	28	SFTYMTG	HSM, DISCUSS JSA W/DAY CREW ON OPS.

## Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/ 1,201.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 / 1,201.00		Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / K. FETTEROLF / M. ALLISON / R. ONT  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 016  
Report Date: 02/09/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 15 DOL: 15 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: CONT ZIPPER FRAC OP'S  
24 Hr Summary: W/L 25,26,27. FRAC 25,26  
24 Hr Forecast: CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG25	09	EQRP	DEVELOPED LEAK ON FRAC STACK TEST PORT WHILE TESTING FOR WL RUN. REPAIR LEAK AND CONTINUE
06:30	09:05	2.58	P	STG25	21	PERF	WL STAGE # 25. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 14,096' PU & PERF ON THE FLY AT 13,929' - 14,082'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 386 BBLS. POH. ALL SHOTS FIRED.
09:05	12:35	3.50	P	STG25	73	WOOWO	WAITING ON OTHER WELL OP'S
12:35	14:35	2.00	P	STG25	35	STIM	FRAC STAGE # 25 SLICKWATER - SICP: 2,267. PUMP 60 BBLS 15% ACID; PUMP 279,540 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,160 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,131 PSI. ATR: 75.4 BPM. MTP: 7,101 PSI. MTR: 89.3 BPM. ISIP: 4,245 PSI. FG: 0.97 LTR: 8,113 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 03
14:35	15:05	0.50	P	STG26	73	WOOWO	SWAPPING WELLS
15:05	17:30	2.42	P	STG26	21	PERF	WL STAGE # 26. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 13,911' PU & PERF ON THE FLY AT 13,744' - 13,897'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 380 BBLS. POH. ALL SHOTS FIRED.
17:30	18:00	0.50	P	STG26	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	21:36	3.60	P	STG26	73	WOOWO	WAITING ON OTHER WELL OP'S
21:36	23:33	1.95	P	STG26	35	STIM	FRAC STAGE # 26 SLICKWATER - SICP: 2427. PUMP 60 BBLS 15% ACID; PUMP 278,100 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,300 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6468 PSI. ATR: 77.9 BPM. MTP: 7621 PSI. MTR: 90.8 BPM. ISIP: 3518 PSI. FG: 0.88 LTR: 8159 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 03
23:33	00:30	0.95	P	STG26	18	OTHR	SCHEDULED RE-HEAD, M/U GUNS AND P/U INTO LUB
00:30	02:45	2.25	P	STG27	21	PERF	WL STAGE # 27. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 13,726' PU & PERF ON THE FLY AT 13,559' - 13,712'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 361BBLS. POH. ALL SHOTS FIRED.
02:45	05:30	2.75	P	STG27	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG27	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

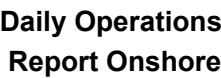
## Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, NO OFFICIAL VISITS

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / K. FETTEROLF / M. ALLISON / M. SHIE  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 017  
Report Date: 02/10/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 16 DOL: 16 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: WILL FINISH STG 29 BEFORE SHIFT CHANGE  
24 Hr Summary: W/L STG 28,29. FRAC STG 27,28,29  
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:27	0.45	P	STG27	73	WOOWO	WAITING ON OTHER WELL OP'S
06:27	08:28	2.02	P	STG27	35	STIM	FRAC STAGE # 27 SLICKWATER - SICP: 2,755. PUMP 60 BBLS 15% ACID; PUMP 278,440 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,380 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,349 PSI. ATR: 76.4 BPM. MTP: 7,417 PSI. MTR: 90.2 BPM. ISIP: 3,784 PSI. FG: 0.91 LTR: 8,176 BBLS. PUMPS IN LINE: 14, LOST: 3, STANDBY: 3
08:28	09:05	0.62	P	STG28	73	WOOWO	SWAPPING WELLS
09:05	11:50	2.75	P	STG28	21	PERF	WL STAGE # 28. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 13,544' PU & PERF ON THE FLY AT 13,374' - 13,526'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 361BBLS. POH. ALL SHOTS FIRED.
11:50	17:30	5.67	P	STG28	73	WOOWO	WAITING ON OTHER WELL OP'S
17:30	18:00	0.50	P	STG28	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	18:52	0.87	P	STG28	73	WOOWO	WAITING ON OTHER WELL OP'S
18:52	20:57	2.08	P	STG28	35	STIM	FRAC STAGE # 28 SLICKWATER - SICP: 2473. PUMP 60 BBLS 15% ACID; PUMP 277,250 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,100 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6217 PSI. ATR: 76.9 BPM. MTP: 7497 PSI. MTR: 90.0 BPM. ISIP: 3552 PSI. FG: 0.88 LTR: 8271 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 2
20:57	21:20	0.38	P	STG29	73	WOOWO	SWAPPING WELL'S
21:20	23:55	2.58	P	STG29	21	PERF	WL STAGE # 29. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 13,356' PU & PERF ON THE FLY AT 13,189' - 13,296'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 338 BBLS. POH. ALL SHOTS FIRED.
23:55	03:15	3.33	P	STG29	73	WOOWO	WAITING ON OTHER WELL OP'S
03:15	05:30	2.25	P	STG29	35	STIM	FRAC STAGE # 29 SLICKWATER - SICP: 2594. PUMP 60 BBLS 15% ACID; PUMP 278,500 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,750 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6058 PSI. ATR: 72.2 BPM. MTP: 7086 PSI. MTR: 90.1 BPM. ISIP: 3712 PSI. FG: 0.90 LTR: 7946 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 2
05:30	06:00	0.50	P	STG29	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW, NIGHT CREW WILL FINISH STG 29 BEFORE SHIFT CHANGE

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments





Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01  
Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / K. FETTEROLF / M. ALLISON / M. SHIE  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 018  
Report Date: 02/11/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 17 DOL: 17 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity:	CONT ZIPPER FRAC OP'S
24 Hr Summary:	W/L 30,31,32. FRAC 30,31
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:20	2.33	P	STG30	21	PERF	WL STAGE # 30. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 13,171' PU & PERF ON THE FLY AT 13,004' - 13,157'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 327 BBLS. POH. ALL SHOTS FIRED.
08:20	13:17	4.95	P	STG30	73	WOOWO	WAITING ON OTHER WELL OP'S
13:17	15:23	2.10	P	STG30	35	STIM	FRAC STAGE # 30 SLICKWATER - SICP: 2607. PUMP 60 BBLS 15% ACID; PUMP 279,120 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER; PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,500 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,198 PSI. ATR: 76.3 BPM. MTP: 7114 PSI. MTR: 92.8 BPM. ISIP: 3965 PSI. FG: 0.93 LTR: 8,394 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 0
15:23	15:50	0.45	P	STG31	73	WOOWO	SWAPPING WELL'S
15:50	17:30	1.67	P	STG31	21	PERF	WL STAGE # 31. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 12,986' PU & PERF ON THE FLY AT 12,819' - 12,972'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 312 BBLS. POH. ALL SHOTS FIRED.
17:30	18:00	0.50	P	STG31	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	22:10	4.17	P	STG31	73	WOOWO	WAITING ON FRAC TO FINISH, W/L WAITING AT 200'
22:10	00:07	1.95	P	STG31	35	STIM	FRAC STAGE # 31 SLICKWATER - SICP: 2,763. PUMP 60 BBLS 15% ACID; PUMP 279,000 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,291 PSI. ATR: 78 BPM. MTP: 7,385 PSI. MTR: 91.3 BPM. ISIP: 4,157 PSI. FG: 0.96 LTR: 8098 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 0
00:07	00:30	0.38	P	STG32	73	WOOWO	SWAPPING WELLS
00:30	02:50	2.33	P	STG32	21	PERF	WL STAGE # 32. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 12,801' PU & PERF ON THE FLY AT 12,634' - 12,787'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 307 BBLS. POH. ALL SHOTS FIRED.
02:50	05:30	2.67	P	STG32	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG32	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

## Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, NO OFFICIAL VISIT'S

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments





Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: R. MULL / K. FETTEROLF / M.SHIELDS/ B. HEBB  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 019  
Report Date: 02/12/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 18 DOL: 18 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity:	CONT ZIPPER FRAC OP'S
24 Hr Summary:	FRAC 32,33,34. W/L 33,34
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG32	73	WOOWO	WAITING ON OTHER WELL OP'S
06:30	08:30	2.00	P	STG32	35	STIM	FRAC STAGE # 32 SLICKWATER - SICP: 2,675. PUMP 60 BBLS 15% ACID; PUMP 279,420 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,660 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,969 PSI. ATR: 73.4 BPM. MTP: 7,129 PSI. MTR: 89.7 BPM. ISIP: 4,205 PSI. FG: 0.96 LTR: 7849 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 1
08:30	09:30	1.00	P	STG32	18	OTHR	GREASE AND TORQ WELLHEAD EQUIPMENT
09:30	12:42	3.20	P	STG33	73	WOOWO	WAITING ON OTHER WELL OP'S
12:42	13:40	0.97	P	STG33	18	OTHR	RE-HEAD WIRELINE TOOLS AND SWAP WELLS
13:40	15:55	2.25	P	STG33	21	PERF	WL STAGE # 33. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 12,616' PU & PERF ON THE FLY AT 12,449' - 12,602'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 287 BBLS. POH. ALL SHOTS FIRED.
15:55	17:00	1.08	P	STG33	18	OTHR	SWAPPING WELLS
17:00	17:30	0.50	P	STG33	35	STIM	BEGIN FRAC STAGE # 33
17:30	18:00	0.50	P	STG33	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	21:40	3.67	P	STG33	35	STIM	FRAC STAGE # 33 SLICKWATER - SICP: 2,695. PUMP 60 BBLS 15% ACID; PUMP 279,000 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,443 PSI. ATR: 75 BPM. MTP: 5,358 PSI. MTR: 93.5 BPM. ISIP: 3,779 PSI. FG: 0.91 LTR: 8055 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 0
21:40	21:55	0.25	P	STG34	73	WOOWO	SWAPPING WELLS
21:55	00:15	2.33	P	STG34	21	PERF	WL STAGE # 34. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 12,431' PU & PERF ON THE FLY AT 12,264' - 12,417'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 266 BBLS. POH. ALL SHOTS FIRED.
00:15	00:40	0.42	P	STG34	18	OTHR	SWAPPING WELLS
00:40	02:39	1.98	P	STG34	35	STIM	FRAC STAGE # 34 SLICKWATER - SICP: 2,519. PUMP 60 BBLS 15% ACID; PUMP 278,250 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,250 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,232 PSI. ATR: 76 BPM. MTP: 7,287 PSI. MTR: 89.5 BPM. ISIP: 3,962 PSI. FG: 0.93 LTR: 8,339 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 0
02:39	05:30	2.85	P	STG34	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG34	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

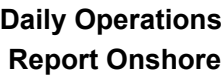
## Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO HSE ISSUES TO REPORT

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: J. CASTILLO / K. FETTEROLF / M.SHIELDS/ J. C.  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 020  
Report Date: 02/13/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 19 DOL: 19 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: WILL FINISH STG 37 FRAC BEFORE SHIFT CHANGE  
24 Hr Summary: W/L 35,36,37. FRAC, 35,36,37.  
24 Hr Forecast: CONT ZIPPER FRAC OP'S

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:55	0.92	P	STG35	21	PERF	REHEAD W/L
06:55	09:45	2.83	P	STG35	21	PERF	WL STAGE # 35. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 12,249' PU & PERF ON THE FLY AT 12,079' - 12,232'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 265 BBLS. POH. ALL SHOTS FIRED.
09:45	10:00	0.25	P	STG35	73	WOOWO	WAIT ON OTHER WELL OP'S
10:00	12:00	2.00	P	STG35	35	STIM	FRAC STAGE # 35 SLICKWATER - SICP: 2,536. PUMP 30 BBLS 15% ACID; PUMP 278,580 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,320 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,955 PSI. ATR: 74.2 BPM. MTP: 7,119 PSI. MTR: 91.1 BPM. ISIP: 4,417 PSI. FG: 0.99 LTR: 8,107 BBLS. PUMPS IN LINE: 14, LOST: 1, STANDBY: 1
12:00	16:30	4.50	P	STG36	73	WOOWO	WAITING ON OTHER WELL OP'S
16:30	17:30	1.00	P	STG36	21	PERF	WL STAGE # 36. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 12,061' PU & PERF ON THE FLY AT 11,891' - 12,047'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 248 BBLS.
17:30	18:00	0.50	P	STG36	28	SFTYMTG	SAFETY MEETING WITH NIGHT CREW
18:00	19:15	1.25	P	STG36	73	WOOWO	S/B AT 200' WAITING FOR FRAC TO FINISH, FRAC FINISHED, POOH, ALL SHOTS FIRED
19:15	21:17	2.03	P	STG36	35	STIM	FRAC STAGE # 36 SLICKWATER - SICP: 2,622. PUMP 30 BBLS 15% ACID; PUMP 278,777 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,898 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,098 PSI. ATR: 76.0 BPM. MTP: 7,241 PSI. MTR: 88.6 BPM. ISIP: 3,771 PSI. FG: 0.91 LTR: 8,031 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 1
21:17	00:05	2.80	P	STG37	73	WOOWO	WOOWO
00:05	00:45	0.67	P	STG37	18	OTHR	SCHEDULED W/L RE-HEAD BEFORE PERF AND PLUG RUN
00:45	03:05	2.33	P	STG37	21	PERF	WL STAGE # 37. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 11,876' PU & PERF ON THE FLY AT 11,709' - 11,861'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 231 BBLS.
03:05	03:30	0.42	P	STG37	73	WOOWO	SWAPPING WELLS
03:30	05:30	2.00	P	STG37	35	STIM	FRAC STAGE # 37 SLICKWATER - SICP: 2,382. PUMP 30 BBLS 15% ACID; PUMP 279,000 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,017 PSI. ATR: 79.0 BPM. MTP: 7,378 PSI. MTR: 90.4 BPM. ISIP: 3,683 PSI. FG: 0.90 LTR: 8,166 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 1
05:30	06:00	0.50	P	STG37	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW, NIGHT CREW WILL FINISH STG 37 BEFORE SHIFT CHANGE

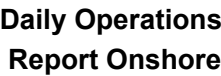
## Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS , NO SPILLS OR POLLUTION, NO OFFICIAL

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01

Report Number: 021  
Report Date: 02/14/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 20 DOL: 20 AFE Days: 8.00  
Last BOP T.: CSG Test:

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: CONT ZIPPER FRAC OP'S  
24 Hr Summary: W/L 38,39. FRAC 38,39. WERE DOWN FOR WEATHER FOR 5 HRS  
24 Hr Forecast: CONT ZIPPER FRAC OP'S

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:45	2.75	P	STG38	73	WOOWO	WAIT ON OTHER WELL OP'S
08:45	09:15	0.50	P	STG38	18	OTHR	SWAPPING WELLS
09:15	11:34	2.33	P	STG38	21	PERF	WL STAGE # 38. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 11,660' PU & PERF ON THE FLY AT 11,524' - 11,677'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 231 BBLS.
11:34	12:07	0.55	P	STG38	73	WOOWO	WAIT ON OTHER WELL OP'S
12:07	14:27	2.33	P	STG38	35	STIM	FRAC STAGE # 38 SLICKWATER - SICP: 2542. PUMP 30 BBLS 15% ACID; PUMP 279,680 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,310 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5790 PSI. ATR: 72.6 BPM. MTP: 7,189 PSI. MTR: 89.1 BPM. ISIP: 4120 PSI. FG: 0.95 LTR: 8,918 BBLS. PUMPS IN LINE: 14, LOST: 0, STANDBY: 0
14:27	17:30	3.05	P	STG39	73	WOOWO	WAITING ON OTHER WELL OPS
17:30	18:00	0.50	P	STG39	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	20:15	2.25	P	STG39	21	PERF	WL STAGE # 39. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 11,506' PU & PERF ON THE FLY AT 11,339' - 11,492'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 224 BBLS.
20:15	01:32	5.28	P	STG39	43	WOW	UNABLE TO PULL LUB OFF DUE TO LIGHTENING AND HARD RAIN, SHUT DOWN OPERATION UNTIL WEATHER PASSES. W/L WILL REMAIN AT 200' UNTIL IT CLEARS, STORM PASSED, POOH, ALL GUNS FIRED
01:32	04:24	2.87	P	STG39	35	STIM	FRAC STAGE # 39 SLICKWATER - SICP: 2,726. PUMP 30 BBLS 15% ACID; PUMP 279,000 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,011 PSI. ATR: 75.0 BPM. MTP: 7,420 PSI. MTR: 88.0 BPM. ISIP: 3,945 PSI. FG: 0.88 LTR: 9,360 BBLS. DURING THE 1.00 PPG STAGE OF 100 MESH THE HOPPER BECAME CLOGGED WITH WET SAND. WE SWEEPED WELL BORE AND SHUT DOWN BRIFLY TO CLEAN THE HOPPER.
04:25	05:30	1.08	P	STG39	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG39	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

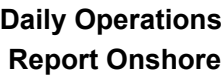
## Daily Operations Comments:

NO ACCIDENTS, SPILLS OR POLLUTION TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 / 1,201.00		Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:					
			<b>FLOWBACK</b>					
			Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01

Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: K. FETTEROLF/P. SHUMAKE / M.SHIELDS/ J. C.  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 022  
Report Date: 02/15/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 21 DOL: 21 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: CONT ZIPPER FRAC OP'S  
24 Hr Summary: W/L 40,41. FRAC 40,41  
24 Hr Forecast: CONT ZIPPER FRAC OP'S

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:10	1.17	P	STG40	73	WOOWO	WAITING ON OTHER WELL OP'S
07:10	07:30	0.33	P	STG40	18	OTHR	SWAPPING WELLS
07:30	09:45	2.25	P	STG40	21	PERF	WL STAGE # 40. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 11,321' PU & PERF ON THE FLY AT 11,339' - 11,492'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 224 BBLS.
09:45	10:57	1.20	P	STG40	73	WOOWO	WAITING ON OTHER WELL OP'S
10:57	12:49	1.87	P	STG40	35	STIM	FRAC STAGE # 40 SLICKWATER - SICP: 2750. PUMP 30 BBLS 15% ACID; PUMP 278,980 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,580 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,169 PSI. ATR: 78.3 BPM. MTP: 7,438 PSI. MTR: 92.5 BPM. ISIP: 4100 PSI. FG: 0.95 LTR: 7885 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 02
12:49	16:30	3.68	P	STG41	73	WOOWO	WAITING ON OTHER WELL OPS, START TORQUE ALL STACKS
16:30	17:30	1.00	N	STG41	43	WOW	WIND GUSTING 35MPH UNABLE TO PU GUNS AFTER REHEAD, AND UNABLE TO FINISH TORQUE STACKS.
17:30	18:00	0.50	N	STG41	28	SFTYMTG	PJSM, JSA REVIEW WITH NIGHT CREW
18:00	20:15	2.25	N	STG41	43	WOW	CONT WAITING ON WIND TO DECREASE TO SAFE WORKING CONDITION, CHECK EVERY 30 MIN,
20:15	21:25	1.17	P	STG41	21	PERF	WL STAGE # 41. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 11,136' PU & PERF ON THE FLY AT 11,154' - 11,307'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 190 BBLS.
21:25	23:15	1.83	P	STG41	73	WOOWO	WAITING ON OTHER WELL OP'S, SPENT 15 MIN WORKING ON GENERATOR FOR FRAC VAN, GOOD TO GO.
23:15	01:18	2.05	P	STG41	35	STIM	FRAC STAGE # 41 SLICKWATER - SICP: 2,481. PUMP 30 BBLS 15% ACID; PUMP 278,870 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,990 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,373 PSI. ATR: 74.9 BPM. MTP: 7,272 PSI. MTR: 91.0 BPM. ISIP: 3,564 PSI. FG: 0.88 LTR: 7,992 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 02
01:18	05:30	4.20	P	STG41	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG41	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

## Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION TO REPORT

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



**Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01**

Report Number: 023  
Report Date: 02/16/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 22 DOL: 22 AFE Days: 8.00  
Last BOP T.: CSG Test:

API #:	4238339687
Rig:	
Rig Phone:	
KB(ft):	2,862.01
POB: 36	Manhours: 140.00

Current Activity:	CONT ZIPPER FRAC OP'S
24 Hr Summary:	W/L 42,43,44. FRAC 42,43,44
24 Hr Forecast:	CONT ZIPPER FRAC OP'S

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:25	0.42	P	STG42	18	OTHR	SWAPPING WELLS
06:25	08:20	1.92	P	STG42	21	PERF	WL STAGE # 42. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 10,951' PU & PERF ON THE FLY AT 10,784' - 10,937'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 177 BBLS.
08:20	09:43	1.38	P	STG42	73	WOOWO	WAIT ON OTHER WELL OP'S
09:43	11:40	1.95	P	STG42	35	STIM	FRAC STAGE # 42 SLICKWATER - SICP:2519 PUMP 30 BBLS 15% ACID; PUMP 279,560 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,460 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5834 PSI. ATR: 71.9 BPM. MTP: 6982 PSI. MTR: 90.8 BPM. ISIP: 3931 PSI. FG: 0.93 LTR: 7,523 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 02
11:40	14:45	3.08	P	STG43	73	WOOWO	WAITING ON OTHER WELL OPS
14:45	16:20	1.58	N	STG43	21	PERF	SWAPPING WELLS / REHEAD, MOVING FROM THE (C) TO (A), WHILE IN THE LUBRICATOR PRESSURE TESTING, THE LINE LOCKED IN GREASE HEAD, LINE SLACKED OFF. BOTTOM SHEEVE SET DOWN ON THE GROUND, THOUGHT THE ROPE SOCKET POPPED, PU TOOL STRING AND STILL HAD THEM, HAD THEM PULL LUBRICATOR, LAID TOOLS DOWN TO INSPECT, MADE THE DECISION TO REHEAD, PLUG HAND CHANGED THE PLUG, RESUMED TO PROCEDURE !!
16:20	17:30	1.17	P	STG43	21	PERF	START WL STAGE # 42.
17:30	18:00	0.50	P	STG43	28	SFTYMTG	PJSM, JSA REVIEW WITH THE NIGHT CREW
18:00	19:11	1.18	P	STG43	21	PERF	FINISH WL STAGE # 43. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 10,766' PU & PERF ON THE FLY AT 10,599' - 10,752'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 163 BBLS.
19:11	21:01	1.83	P	STG43	35	STIM	FRAC STAGE # 43 SLICKWATER - SICP: 1,921 PUMP 30 BBLS 15% ACID; PUMP 278,400 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,760 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,060 PSI. ATR: 76.1 BPM. MTP: 7,199 PSI. MTR: 91.5 BPM. ISIP: 3,896 PSI. FG: 0.92 LTR: 7,863 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 02
21:01	00:00	2.98	P	STG43	73	WOOWO	WAIT ON OTHER WELL OP'S
00:00	02:15	2.25	P	STG44	21	PERF	WL STAGE # 44. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 10,581' PU & PERF ON THE FLY AT 10,417' - 10,566'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 159 BBLS.
02:15	02:50	0.58	P	STG44	73	WOOWO	SWAPPING WELLS
02:50	04:45	1.92	P	STG44	35	STIM	FRAC STAGE # 44 SLICKWATER - SICP: 2,310 PUMP 30 BBLS 15% ACID; PUMP 278,360 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,660 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,176 PSI. ATR: 75.6 BPM. MTP: 8,928 PSI. MTR: 89.4 BPM. ISIP: 3,863 PSI. FG: 0.92 LTR: 8,050 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 02
04:45	05:30	0.75	P	STG44	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG44	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

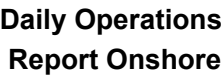
## Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



**Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01**

Report Number: 024  
Report Date: 02/17/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 23 DOL: 23 AFE Days: 8.00  
Last BOP T.: CSG Test:

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: AT REPORT TIME STABBING ONTO WELL FOR STG 47  
24 Hr Summary: W/L 45,46, START 47. FRAC 45,46  
24 Hr Forecast: CONT ZIPPER FRAC OP'S

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:15	2.25	P	STG44	73	WOOWO	WAITING ON OTHER OP'S
08:15	08:40	0.42	P	STG45	21	PERF	SWAPPING WELLS
08:40	10:40	2.00	P	STG45	21	PERF	WL STAGE # 45. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 10,396' PU & PERF ON THE FLY AT 10,229' - 10,382'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 137 BBLS.
10:40	13:31	2.85	P	STG45	73	WOOWO	WAIT ON OTHER WELL OP'S
13:31	15:32	2.02	P	STG45	35	STIM	FRAC STAGE # 45 SLICKWATER - SICP: 2423 PUMP 30 BBLS 15% ACID; PUMP 279,420 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,560 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5908 PSI. ATR: 75.0 BPM. MTP: 7735 PSI. MTR: 90.3 BPM. ISIP: 3,975 PSI. FG: 0.93 LTR: 7513 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 02
15:32	17:30	1.97	P	STG45	73	WOOWO	WAITING ON OTHER WELL OP'S
17:30	18:00	0.50	P	STG45	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW
18:00	21:15	3.25	P	STG45	73	WOOWO	CONT WAIT ON OTHER WELL OP'S
21:15	23:30	2.25	P	STG46	21	PERF	WL STAGE # 46. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 10,211' PU & PERF ON THE FLY AT 10,044' - 10,198'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 135 BBLS.
23:30	00:04	0.57	P	STG46	73	WOOWO	SWAPPING WELLS
00:04	01:59	1.92	P	STG46	35	STIM	FRAC STAGE # 46 SLICKWATER - SICP: 2,233 PUMP 30 BBLS 15% ACID; PUMP 278,700 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,050 PSI. ATR: 76.2 BPM. MTP: 7,108 PSI. MTR: 93.2 BPM. ISIP: 4,080 PSI. FG: 0.95 LTR: 8,009 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 02
01:59	05:00	3.02	P	STG46	73	WOOWO	WAITING ON OTHER WELL OP'S
05:00	05:30	0.50	P	STG47	18	OTHR	SCHEDULED RE-HEAD BEFORE MAKING NEXT RUN
05:30	06:00	0.50	P	STG47	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW, NIGHT CREW FIN RE-HEAD AND MOVE ONTO WELL

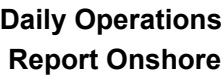
## Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS NO SPILLS OR POLLUTION TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 / 1,201.00		Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:					
			<b>FLOWBACK</b>					
			Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: K. FETTEROLF/ J. CASTILLO / M.SHIELDS/ J. C.  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 025  
Report Date: 02/18/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 24 DOL: 24 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: WAITING ON OTHER WELL OP'S  
24 Hr Summary: W/L 47,48,49. FRAC 47,48  
24 Hr Forecast: CONT ZIPPER FRAC OPERATIONS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	STG47	21	PERF	WL STAGE # 47. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 10,026' PU & PERF ON THE FLY AT 9,859' - 9,990'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 127 BBLS.
08:30	08:59	0.48	P	STG47	73	WOOWO	WAITING ON OTHER WELL OP'S
08:59	11:11	2.20	P	STG47	35	STIM	FRAC STAGE # 47 SLICKWATER - SICP: 2,517 PUMP 30 BBLS 15% ACID; PUMP 279,100 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,620 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,944 PSI. ATR: 74.3 BPM. MTP: 8,302 PSI. MTR: 89.8 BPM. ISIP: 4,490 PSI. FG: 1.00 LTR: 8,073 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 01
11:11	13:53	2.70	P	STG48	73	WOOWO	WOOWO
13:53	17:30	3.62	N	STG48	43	WOW	SHUT DOWN DUE TO HIGH SUSTAINED WINDS.
17:30	18:00	0.50	N	STG48	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT CREW, RIGHT AFTER MEETING CHECKED WIND SPEED AT CRANE BOOM 21 MPH, ALSO AT WORKING HEIGHT IN MAN BASKET, 15 MPH, BACK TO WORK
18:00	18:30	0.50	P	STG48	21	PERF	WIND SPEED IS WITHIN WORKING LIMITS, GET LUB OFF WELL, SWAP GUNS AND STAB ONTO WELL
18:30	20:55	2.42	P	STG48	21	PERF	WL STAGE # 48. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 9,841' PU & PERF ON THE FLY AT 9,674' - 9,826'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 113 BBLS.
20:55	21:46	0.85	P	STG48	73	WOOWO	WAITING ON OTHER WELL OP'S
21:46	23:39	1.88	P	STG48	35	STIM	FRAC STAGE # 48 SLICKWATER - SICP: 2,709 PUMP 30 BBLS 15% ACID; PUMP 278,500 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,660 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,850 PSI. ATR: 76.0 BPM. MTP: 6,916 PSI. MTR: 90.0 BPM. ISIP: 3,963 PSI. FG: .93 LTR: 7,646 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 01
23:39	03:35	3.93	P	STG48	73	WOOWO	WAITING ON OTHER WELL OP'S, ALSO SCHEDULED RE-HEAD BEFORE GOING IN HOLE
03:35	05:30	1.92	P	STG49	21	PERF	WL STAGE # 49. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 9,656' PU & PERF ON THE FLY AT 9,489' - 9,642'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 103 BBLS.
05:30	06:00	0.50	P	STG49	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW,

## Daily Operations Comments:

NO HSE INCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments





**Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01**

Report Number: 026  
Report Date: 02/19/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 25 DOL: 25 AFE Days: 8.00  
Last BOP T.: CSG Test:

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2,862.01  
POB: 36 Manhours: 140.00

Current Activity: W/L WAITING AT 200' FOR FRAC TO FINISH  
24 Hr Summary: W/L 50,51. FRAC 49,50 51  
24 Hr Forecast: CONT ZIPPER FRAC OP'S

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:22	2.37	P	STG49	73	WOOWO	WAITING ON OTHER WELL OP'S
08:22	10:26	2.07	P	STG49	35	STIM	FRAC STAGE # 49 SLICKWATER - SICP: 2,394 PUMP 30 BBLS 15% ACID; PUMP 279,450 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,560 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,733 PSI. ATR: 75.7 BPM. MTP: 7,347 PSI. MTR: 88.2 BPM. ISIP: 4,248 PSI. FG: .97 LTR: 8,098 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 01
10:26	10:35	0.15	P	STG50	73	WOOWO	WAIT ON OTHER WELL OP'S
10:35	10:52	0.28	P	STG50	18	OTHR	SWAPPING WELLS
10:52	12:47	1.92	P	STG50	21	PERF	WL STAGE # 50. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 9,471' PU & PERF ON THE FLY AT 9,304' - 9,456'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 87 BBLS.
12:47	17:10	4.38	P	STG50	73	WOOWO	WAITING ON OTHER WELL OP'S
17:10	17:30	0.33	P	STG50	35	STIM	START FRAC STAGE #50
17:30	18:00	0.50	P	STG50	28	SFTYMTG	PJSM, JSA REVIEW W/ NIGHT CREW
18:00	19:27	1.45	P	STG50	35	STIM	FINISH FRAC STAGE # 50 SLICKWATER - SICP: 2,547 PUMP 30 BBLS 15% ACID; PUMP 278,780 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,720 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,022 PSI. ATR: 75.8 BPM. MTP: 8,124 PSI. MTR: 91.0 BPM. ISIP: 3,932 PSI. FG: .93 LTR: 7,559 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 01
19:27	20:50	1.38	P	STG50	73	WOOWO	SWAPPING WELLS
20:50	22:15	1.42	P	STG51	21	PERF	WL STAGE # 51. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 9,286' PU & PERF ON THE FLY AT 9,119' - 9,272'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 83BBLS.
22:15	01:33	3.30	P	STG51	73	WOOWO	WAITING ON OTHER WELL OP'S
01:33	03:23	1.83	P	STG51	35	STIM	FRAC STAGE # 51 SLICKWATER - SICP: 2,507 PUMP 30 BBLS 15% ACID; PUMP 278,260 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,840 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,769 PSI. ATR: 76.0 BPM. MTP: 7,334 PSI. MTR: 90.7 BPM. ISIP: 4,078 PSI. FG: .95 LTR: 7,460 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 01
03:23	03:45	0.37	P	STG52	73	WOOWO	SWAPPING WELLS
03:45	05:30	1.75	P	STG52	21	PERF	WL STAGE # 52. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 9,286' PU & PERF ON THE FLY AT 9,119' - 9,272'. PUH TO 200' & STANDBY FOR FRAC. PUMPED XXBBLS.
05:30	06:00	0.50	P	STG52	28	SFTYMTG	SAFETY MEETING WITH DAY CREW, W/L WAITING AT 200' FOR FRAC TO FINISH

## Daily Operations Comments:

NO HSE INCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments







Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01

Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: K. FETTEROLF/ J. CASTILLO / M.SHIELDS/ J. C.  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 028  
Report Date: 02/21/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 27 DOL: 27 AFE Days: 8.00  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 11' 59.34853 N  
Long: 101° 37' 37.79502 W

API #: 4238339687  
Rig:  
Rig Phone:  
KB(ft): 2.862.01  
POB: 36 Manhours: 140.00

Current Activity: R/D AND MOVE OFF PAD  
24 Hr Summary: FRAC 54.55, SET AND TEST KILL PLUG, START R/D AND MOVE OFF  
24 Hr Forecast: CONT R/D AND MOVE OFF PAD

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:37	0.62	P	STG54	35	STIM	FINISH FRAC STAGE # 54 SLICKWATER - SICP: 2,252 PUMP 30 BBLS 15% ACID; PUMP 279,000 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,678 PSI. ATR: 75.7 BPM. MTP: 7,288 PSI. MTR: 91.3 BPM. ISIP: 4,342 PSI. FG: .98 LTR: 7,622 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 01
06:37	06:40	0.05	P	STG54	73	WOOWO	WAIT ON OTHER WELL OP'S
06:40	07:05	0.42	P	STG55	73	WOOWO	SWAPPING WELLS
07:05	09:20	2.25	P	STG55	21	PERF	WL STAGE # 55. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ RZR FRAC CFP 5.5" & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 7,564'. PUMP DOWN AND SET CFP @ 8,548', PU & PERF ON THE FLY AT 8,379' - 8,532'. PUH TO 200' & STANDBY FOR FRAC. PUMPED 31 BBLS.
09:20	12:39	3.32	P	STG55	73	WOOWO	WOOWO
12:39	14:33	1.90	P	STG55	35	STIM	FRAC STAGE # 55 SLICKWATER - SICP: 2,369 PUMP 60 BBLS 15% ACID; PUMP 274,520 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 94,160 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,510 PSI. ATR: 76.2 BPM. MTP: 7,048 PSI. MTR: 90.1 BPM. ISIP: 4,054 PSI. FG: .94 LTR: 7,545 BBLS. PUMPS IN LINE: 14 LOST: 00 STANDBY: 01. FRAC STAGES COMPLETE.
14:33	14:50	0.28	P	STG55	73	WOOWO	WAIT ON OTHER WELL OP'S
14:50	15:00	0.17	P	STG55	18	OTHR	SWAPPING WELLS
15:00	15:30	0.50	P	STG55	27	SETP	SET KILL PLUG. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO SOLID CBP, CORRELATE W/ MARKER JT AT 7,564'. AND SET CBP @ 7,600', PUH TO 200' & STANDBY FOR FRAC. TESTED W/ PUMP DOWN PUMP TO 3500 PSI, GOOD TEST , CHARTED AND SIGNED , OP'S COMPLETED ON THIS WELL, CLOSE LMMV, WELL SECURE
15:30	23:30	8.00	P	STG55	73	WOOWO	WAIT ON OTHER WELL OP'S
23:30	05:30	6.00	P	RDMO	02	RDMO	START R/D AND MOVE OFF EQUIPT
05:30	06:00	0.50	P	RDMO	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW

## Daily Operations Comments:

NO HSE INCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/	1,201.00	Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,201.00 /	1,201.00	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					


## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01			Report Number: 029 Report Date: 02/22/2017 Spud Date: 10/09/2016 Release Date: DOE: 28 DOL: 28 AFE Days: 8.00 Last BOP T.: CSG Test:				
Event: COMPLETION LAND Safety Meeting Topic:			API #: 4238339687							
			Rig:							
Location: Lat: 31° 11' 59.34853 N			Rig Phone:							
Long: 101° 37' 37.79502 W			KB(ft): 2,862.01							
			POB: 36 Manhours: 140.00							
Current Activity: WAITING ON WINCH TRUCKS AND MAINTAINER, MOVING TRAILERS TO NEXT PAD, THIS WILL BE THE FINAL REPORT FROM THIS WELL, UNTI DRILL OUT										
24 Hr Summary: MOVED OFF ALL EQUIPT, N/D FRAC STACK,ZIPPER'S, INSTALLED B-1 FLANGE ONTOP OF MMV. READY TO TURN OVER TO DRILL OUT										
24 Hr Forecast: FINISH R/D AND MOVE OUT, DRESS PAD SURFACE, P/U TRASH										
OPERATION DETAILS										
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION			
06:00	06:30	0.50	P	RDMO	02	RDMO	SAFETY MEETING.			
06:30	12:00	5.50	P	RDMO	02	RDMO	RIG DOWN REMAINING FRAC EQUIPMENT.			
12:00	16:00	4.00	P	RDMO	02	RDMO	RIG DOWN SILOS AND EMPTY WATER TANKS.			
16:00	17:30	1.50	P	RDMO	02	RDMO	RIG DOWN REMAINING EQUIPMENT.			
17:30	18:00	0.50	P	RDMO	02	RDMO	SAFETY MEETING.			
18:00	18:00	0.00	P	RDMO	02	RDMO	CONT MOVE OFF EQUIPT, SPEARHEAD WILL BE HERE IN AM TO SCRAPE THE PAD, JAVALINA WILL TAKE ALL BUT 8 TANKS , TOTAL TANKS WILL COME GET ACID TANKS IN AM.			
Daily Operations Comments:										
CASING			FLUIDS				COMPLETION STRING DETAILS			
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Fluids Co:			Down Hole Tool Co:		Tool Sup:	
	/ 1,201.00			Fluids Eng:			Qty	Description	ID	OD
9.625	1,201.00 / 1,201.00			Pit Temp:						
				Density:						
				Brine Type:						
				Gel Type:						
				Viscosity:						
				Nitrogen:						
				NTU:						
				FLOWBACK						
				Gas Rate:						
				Choke Size:						
				Avg. Tbg. Press:						
				Avg. Csg. Press:						
				Fluid Rate (Water):						
				Fluid Rate (Oil):						
				Tot. Load Recovered:						
PERFORATIONS										
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments			

<div>EP ENERGY</div>				Country: State: Field: Supervisors: Engineer/Manager:				Report Number: Date: Spud Date: Release Date: DOE: Last BOP T.: <div>DOL:AFE Days: CSG Test:</div>					
Event: Safety Meeting Topic:				API #: Rig: Rig Phone:						Drig	Comp		Total
Location: Lat: Long:				POB:Manhours: 0.00				AFE #:		167160/57584			
								Day Cost(\$):		0	0	0	
								Cum Cost(\$)		0	0	0	
				AFE(\$):		2,042,561		3,630,124	258,000	5,930,685			
Current Activity: 24 Hr Summary: 24 Hr Forecast:													
OPERATION DETAILS													
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION						
06:00	10:00	4.00	P	MIRU	01	MIRU	PREPARE LOCATION FOR WOR DRILL OUT						
10:00	12:00	2.00	P	MIRU	01	MIRU	MOVE IN AND SPOT BASE BEAM						
12:00	14:00	2.00	P	MIRU	01	MIRU	CHECK TO SEE IF KP WAS HOLDING, BLED WELL DOWN TO 0 PSI, WELL NEVER QUIT FLOWING, SHUT IN WELL, BUILT UP 1000 PSI IN 1 HOUR, BLED TO 0 PSI, SHUT ING WELL, 5-MIN-100 PSI 10-MIN-300 PSI 15-MIN-350 PSI 30-MIN-650 PSI						
14:00	15:00	1.00	N	MIRU	09	EQRP	TALKED TO ON DUTY SUPERVISOR AND ENGINEER, CALLLING IN WL TO SET ADDITIONAL KP.						
15:00	17:30	2.50	N	WLWORK	42	WOEP	WAIT ON E LINE TO SET ANOTHER PLUG.						
17:30	18:30	1.00	P	MIRU	28	SFTYMTG	HELD PRE SPUD MEETING WITH ALL SUPERVISORS AND ENGINEER						
18:30	21:30	3.00	N	WLWORK	30	SEQP	SPOT AND RU E LINE EQUIP. ROD TEST BOPS - GOOD TEST						
21:30	23:30	2.00	N	WLWORK	26	SETC	RIH WITH COMPOSITE PLUG. LOCATE COLLAR AT 7,508'. SET PLUG AT 7,500'. POOH WITH SETTING TOOL.						
23:00	00:00	1.00	N	WLWORK	16	NUND	TEST PLUG FOR 15 MINUTES, RD/MO E LINE.						
00:00	01:00	1.00	P	MIRU	01	MIRU	SICP: 0 PSI. WITH NEW KP SET & VERIFIED HOLDING & FRAC VALVE IN CLOSED POSITION: NU 7-1/16" 10M FLOW CROSS W/ 3" & 2" OUTLETS, 7-1/16" 10M X 5M SPOOL.						
01:00	03:30	2.50	N	MIRU	42	WOEP	WAIT ON 5K BOLTS TO NU FROM CROSSOVER ABOVE FLOWCROSS.						
03:30	06:00	2.50	P	MIRU	01	MIRU	SICP: 0 PSI. WITH KP SET & VERIFIED HOLDING & FRAC VALVE IN CLOSED POSITION: NU 7-1/16" 10M FLOW CROSS W/ 3" & 2" OUTLETS, 7-1/16" 10M X 5M SPOOL, 7-1/16" 5M DBL BOP DRESSED W/ 2-7/8" PIPE RAM ON BTM & BLIND SHEAR ON TOP.7-1/16" 5M SINGLE BOP DRESSED W/ 2-7/8" SLIP RAMS, 7-1/16" 5M ANNULAR, 7-1/16" 3M MUELLAR HEAD. RU WOR FLOOR.						
Daily Operations Comments:													
CASING			FLUIDS				COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:				Down Hole Tool Co:			Tool Sup:			
	/		Fluids Eng:				Qty	Description	ID	OD	Top Set		
	/		Pit Temp:										
	/		Density:										
			Brine Type:										
			Gel Type:										
			Viscosity:										
			Nitrogen:										
			NTU:										
			FLOWBACK										
			Gas Rate:										
			Choke Size:										
			Avg. Tbg. Press:										
			Avg. Csg. Press:										
			Fluid Rate (Water):										
			Fluid Rate (Oil):										
			Tot. Load Recovered:										
PERFORATIONS													
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments						
OPERATION DETAILS													
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION						
06:00	10:00	4.00	P	MIRU	01	MIRU	PREPARE LOCATION FOR WOR DRILL OUT						
10:00	12:00	2.00	P	MIRU	01	MIRU	MOVE IN AND SPOT BASE BEAM						
12:00	14:00	2.00	P	MIRU	01	MIRU	CHECK TO SEE IF KP WAS HOLDING, BLED WELL DOWN TO 0 PSI, WELL NEVER QUIT FLOWING, SHUT IN WELL, BUILT UP 1000 PSI IN 1 HOUR, BLED TO 0 PSI, SHUT ING WELL, 5-MIN-100 PSI 10-MIN-300 PSI 15-MIN-350 PSI 30-MIN-650 PSI						
14:00	15:00	1.00	N	MIRU	09	EQRP	TALKED TO ON DUTY SUPERVISOR AND ENGINEER, CALLLING IN WL TO SET ADDITIONAL KP.						
15:00	17:30	2.50	N	WLWORK	42	WOEP	WAIT ON E LINE TO SET ANOTHER PLUG.						
17:30	18:30	1.00	P	MIRU	28	SFTYMTG	HELD PRE SPUD MEETING WITH ALL SUPERVISORS AND ENGINEER						
18:30	21:30	3.00	N	WLWORK	30	SEQP	SPOT AND RU E LINE EQUIP. ROD TEST BOPS - GOOD TEST						
21:30	23:30	2.00	N	WLWORK	26	SETC	RIH WITH COMPOSITE PLUG. LOCATE COLLAR AT 7,508'. SET PLUG AT 7,500'. POOH WITH SETTING TOOL.						
23:00	00:00	1.00	N	WLWORK	16	NUND	TEST PLUG FOR 15 MINUTES, RD/MO E LINE.						
00:00	01:00	1.00	P	MIRU	01	MIRU	SICP: 0 PSI. WITH NEW KP SET & VERIFIED HOLDING & FRAC VALVE IN CLOSED POSITION: NU 7-1/16" 10M FLOW CROSS W/ 3" & 2" OUTLETS, 7-1/16" 10M X 5M SPOOL.						
01:00	03:30	2.50	N	MIRU	42	WOEP	WAIT ON 5K BOLTS TO NU FROM CROSSOVER ABOVE FLOWCROSS.						
03:30	06:00	2.50	P	MIRU	01	MIRU	SICP: 0 PSI. WITH KP SET & VERIFIED HOLDING & FRAC VALVE IN CLOSED POSITION: NU 7-1/16" 10M FLOW CROSS W/ 3" & 2" OUTLETS, 7-1/16" 10M X 5M SPOOL, 7-1/16" 5M DBL BOP DRESSED W/ 2-7/8" PIPE RAM ON BTM & BLIND SHEAR ON TOP.7-1/16" 5M SINGLE BOP DRESSED W/ 2-7/8" SLIP RAMS, 7-1/16" 5M ANNULAR, 7-1/16" 3M MUELLAR HEAD. RU WOR FLOOR.						
Daily Operations Comments:													

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01			Report Number: 030 Report Date: 02/24/2017 Spud Date: 10/09/2016 Release Date: DOE: 30 Last BOP T.: <div>DOL: 29 AFE Days: 8.00 CSG Test:</div>		
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			Country: State: Field: Supervisors: Engineer/Manager:			Report Number: Date: Spud Date: Release Date: DOE: Last BOP T.: <div>DOL: AFE Days: CSG Test:</div>							
Event: Safety Meeting Topic:			API #: Rig: Rig Phone:			AFE #:	Drig	Comp		Total			
Location: Lat: Long:			POB: Manhours: 0.00			Day Cost(\$):	0	0	0				
						Cum Cost(\$)	0	0	0				
						AFE(\$):	2,042,561	3,630,124	258,000	5,930,685			
Current Activity: 24 Hr Summary: 24 Hr Forecast:													
OPERATION DETAILS													
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION						
06:00	08:00	2.00	P	WOR	36	SFEQ	TEST CAMERON TYPE U 7-1/16" 5M SNGL BOP DRESSED W/ 2-7/8" SLIP RAM, 7-1/16" 5M ANNULAR, 7-1/16" 3M MUELLAR HEAD. TEST BLIND SHEAR RAMS TO 250 PSI LOW / 4,000 PSI HIGH. TEST 2-7/8" PIPE RAMS TO 250 PSI LOW / 4,000 PSI HIGH. TEST ANNULAR TO 250 PSI LOW / 2,500 PSI HIGH.						
Daily Operations Comments:													
CASING			FLUIDS				COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Fluids Co: Fluids Eng: Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:  FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:				Down Hole Tool Co:		Tool Sup:			
	/							Qty	Description		ID	OD	Top Set
	/												
	/												
PERFORATIONS													
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method		Comments					
OPERATION DETAILS													
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION						
06:00	08:00	2.00	P	WOR	36	SFEQ	TEST CAMERON TYPE U 7-1/16" 5M SNGL BOP DRESSED W/ 2-7/8" SLIP RAM, 7-1/16" 5M ANNULAR, 7-1/16" 3M MUELLAR HEAD. TEST BLIND SHEAR RAMS TO 250 PSI LOW / 4,000 PSI HIGH. TEST 2-7/8" PIPE RAMS TO 250 PSI LOW / 4,000 PSI HIGH. TEST ANNULAR TO 250 PSI LOW / 2,500 PSI HIGH.						
Daily Operations Comments:													
CASING			FLUIDS				COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)					Down Hole Tool Co:		Tool Sup:			
	/							Qty	Description		ID	OD	Top Set
	/												
	/												
PERFORATIONS													
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method		Comments					



<div>EP ENERGY</div>			Country: State: Field: Supervisors: Engineer/Manager:			Report Number: Date: Spud Date: Release Date: DOE: Last BOP T.: <div>DOL:AFE Days: CSG Test:</div>						
Event: Safety Meeting Topic:  Location: Lat: Long: 24 Hr Forecast:			API #: Rig: Rig Phone:  POB:Manhours: 0.00					Drig	Comp			Total
						AFE #:		0/57584 167160				
						Day Cost(\$):		0	0	0		
						Cum Cost(\$)		0	0	0		
						AFE(\$):		4,085,122	7,260,248	516,000	11,861,370	
<div>CASING</div>			<div>FLUIDS</div>			<div>COMPLETION STRING DETAILS</div>						
Size(in)MD(ft)/TVD(ft)LOT(ppg)			Fluids Co: Fluids Eng: Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:			Down Hole Tool Co:			Tool Sup:			
						Qty	Description			ID	OD	Top Set
<div>PERFORATIONS</div>												
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments					



<div><div>EPENERGY</div><div><div>Daily Operations</div><div>Report Onshore</div></div></div>				Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01			Report Number: 032 Report Date: 02/26/2017 Spud Date: 10/09/2016 Release Date: DOE: 32DOL: 31AFE Days: 8.00 Last BOP T.:CSG Test:			
Country: USA State: TEXAS Field: WOLFCAMP CENTRAL Supervisors: DJ GOSS / SHANE SMITH Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN										
24 Hr Forecast: COMPLETE DRILLING PLUGS, SWEEP WELL, POOH										
OPERATION DETAILS										
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION			
06:00	06:30	0.50	P	WOR	28	SFTYMTG	SAFETY MEETING DISCUSSING JSA'S			
06:30	06:30	0.00	P	WOR	40	WASH	WASH/DRILL TO #7 CFP @ 9,638'(TM). DRILL UP IN 15 MIN. CIRC RATE: 5 BPM @ 2,200 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #8 CFP @ 9,822'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #9 CFP @ 10,008'(TM). DRILL UP IN 14 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #10 CFP @ 10,190'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #11 CFP @ 10,380'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #12 CFP @ 10,560'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #13 CFP @ 10,750'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #14 CFP @ 10,929'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #15 CFP @ 11,113'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #16 CFP @ 11,300'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #17 CFP @ 11,485'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #18 CFP @ 11,678'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #19 CFP @ 11,850'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #20 CFP @ 12,048'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #21 CFP @ 12,226'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #22 CFP @ 12,410'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #23 CFP @ 12,595'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #24 CFP @ 12,780'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #25 CFP @ 12,970'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #26 CFP @ 13,155'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #27 CFP @ 13,338'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3200 PSI. R/R: 5 BPM @ 800 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #28 CFP @ 13,515'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 4.3 BPM @ 850 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #29 CFP @ 13,705'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 4.3 BPM @ 850 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #30 CFP @ 13,891'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 3600 PSI. R/R: 5 BPM @ 850 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #31 CFP @ 14,073'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 3500 PSI. R/R: 5 BPM @ 850 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #32 CFP @ 14260'(TM). DRILL UP IN 19 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #33 CFP @ 14,445'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 3200 PSI. R/R: 5 BPM @ 800 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #34 CFP @ 14,630'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 750 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #35 CFP @ 14,815'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #36 CFP @ 14,995'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #37 CFP @ 15,180'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 800 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE. WASH/DRILL TO #38 CFP @ 15,371'(TM). DRILL UP IN 13 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5 BPM @ 800 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCIDIE.			
Daily Operations Comments:										
CASING			FLUIDS			COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)				Down Hole Tool Co:		Tool Sup:		
	/					Qty	Description	ID	OD	Top Set
	/									
	/									
			FLOWBACK							
			Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:							
PERFORATIONS										
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments			





Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01

Country: USA  
State: TEXAS  
Field: WOLFCAMP CENTRAL  
Supervisors: DJ GOSS / SHANE SMITH  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 033  
Report Date: 02/27/2017  
Spud Date: 10/09/2016  
Release Date:  
DOE: 33 DOL: 32 AFE Days: 8.00  
Last BOP T.: CSG Test:

24 Hr Forecast: CIRCULATE SWEEP AT HEEL, POOH. RU E LINE.

## OPERATION DETAILS


FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING. DISCUSSED PINCH POINTS AND MUSTERING.
06:30	16:45	10.25	P	WOR	40	WASH	WASH/DRILL TO #39 CFP @ 15,565'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #40 CFP @ 15,740'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #41 CFP @ 15,940'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #42 CFP @ 16,129'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #43 CFP @ 16,315'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,300 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #44 CFP @ 16,500'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #45 CFP @ 16,685'(TM). DRILL UP IN 14 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #46 CFP @ 16,868'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #47 CFP @ 17,050'(TM). DRILL UP IN 13 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #48 CFP @ 17,240'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #49 CFP @ 17,424'(TM). DRILL UP IN 13 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.
16:45	21:00	4.25	N	WOR	06	CIRC	EATON POWER SWIVEL BLOWED OUT ORINGS, CHANGE OUT SWIVEL. PIPE DRAGGING, PUMP 20 BBL SWEEP AND WORK PIPE. PUMP 20 - 10 - 20 SWEEP WORK PIPE FREE.
21:00	23:00	2.00	P	WOR	40	WASH	WASH/DRILL TO #50 CFP @ 17,580'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 3500 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #51 CFP @ 17,763'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.
23:00	01:00	2.00	P	WOR	06	CIRC	PIPE DRAGGING, SWIVEL TORQUING UP, WORK PIPE PUMP 20 - 10 - 20 SWEEP. WORK PIPE FREE.
01:00	05:00	4.00	P	WOR	40	WASH	WASH/DRILL TO #52 CFP @ 17,950'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #53 CFP @ 18,128'(TM). DRILL UP IN 16 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #54 CFP @ 18,315'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #55 CFP @ 18,505'(TM). DRILL UP IN 15 MIN. CIRC RATE: 5 BPM @ 3400 PSI. R/R: 5.5 BPM @ 700 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.
05:00	06:00	1.00	P	WOR	06	CIRC	PUMPED 30 BBL GEL - 30 BBL 2% KCL - 30 BBL GEL WITH BIT AT 18,500".

Daily Operations Comments:

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)		Down Hole Tool Co:		Tool Sup:		
	/			Qty	Description	ID	OD	Top Set
	/							
	/							
			Flowback					
			Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

		Country: State: Field: Supervisors: Engineer/Manager:		Report Number: Date: Spud Date: Release Date: DOE: Last BOP T.: <div>DOL:                      AFE Days: CSG Test:</div>					
Event: Safety Meeting Topic:		API #: Rig: Rig Phone:		Drig		Comp		Total	
Location:    Lat:		POB:		Manhours:    0.00		AFE #:		167160/57584	
Long:						Day Cost(\$):		0	
						Cum Cost(\$)		0	
						AFE(\$):		2,042,561	
								3,630,124	
								258,000	
								5,930,685	

Current Activity:  
24 Hr Summary:  
24 Hr Forecast:

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	WOR	40	WASH	WAITING ON LAST SWEEP TO GET TO SURFACE
06:45	14:00	7.25	P	WOR	39	TRIP	RACK SWIVEL BACK, POOH TO CURVE
14:00	15:30	1.50	P	WOR	06	CIRC	PUMPED 30 BBL GEL - 30 BBL 2% KCL - 30 BBL GEL WITH BIT AT 8,726'.
15:30	17:30	2.00	P	WOR	39	TRIP	LAY DOWN SWIVEL AND POOH
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. REVIEWED JSA'S WITH NIGHT SHIFT OPERATIONS
18:00	20:00	2.00	P	WOR	39	TRIP	CONT TO POOH WITH WS
20:00	21:00	1.00	P	MIRU	33	SNUB	MIRU SNUBCO SNUBBING UNIT AND TEST
22:00	22:30	0.50	P	WOR	28	SFTYMTG	STOP OPERATIONS DUE TO HIGH STRANDED WIRE.HSM REVIEWED JSA'S REGARDING WL OPS
22:30	00:30	2.00	N	WLWORK	59	EQFAIL	WAIT ON ELU TO RETRIEVE HIGH STRANDED LINE
00:30	02:30	2.00	P	WOR	39	TRIP	SNUB WS OOH AND RID DOWN SPARTAN BH DRILL ASSY
02:30	05:30	3.00	N	WLWORK	42	WOEP	WAIT ON ELU
05:30	06:00	0.50	P	WLWORK	28	SFTYMTG	HSM. REVIEWED JSA'S WITH DAY SHIFT OPS.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:			Tool Sup:		
	/		Fluids Eng:	Qty	Description		ID	OD	Top Set
	/		Pit Temp:						
	/		Density:						
			Brine Type:						
			Gel Type:						
			Viscosity:						
			Nitrogen:						
			NTU:						
			FLOWBACK						
			Gas Rate:						
			Choke Size:						
			Avg. Tbg. Press:						
			Avg. Csg. Press:						
			Fluid Rate (Water):						
			Fluid Rate (Oil):						
			Tot. Load Recovered:						

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	WOR	40	WASH	WAITING ON LAST SWEEP TO GET TO SURFACE
06:45	14:00	7.25	P	WOR	39	TRIP	RACK SWIVEL BACK, POOH TO CURVE
14:00	15:30	1.50	P	WOR	06	CIRC	PUMPED 30 BBL GEL - 30 BBL 2% KCL - 30 BBL GEL WITH BIT AT 8,726'.
15:30	17:30	2.00	P	WOR	39	TRIP	LAY DOWN SWIVEL AND POOH
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. REVIEWED JSA'S WITH NIGHT SHIFT OPERATIONS
18:00	20:00	2.00	P	WOR	39	TRIP	CONT TO POOH WITH WS
20:00	21:00	1.00	P	MIRU	33	SNUB	MIRU SNUBCO SNUBBING UNIT AND TEST
22:00	22:30	0.50	P	WOR	28	SFTYMTG	STOP OPERATIONS DUE TO HIGH STRANDED WIRE.HSM REVIEWED JSA'S REGARDING WL OPS
22:30	00:30	2.00	N	WLWORK	59	EQFAIL	WAIT ON ELU TO RETRIEVE HIGH STRANDED LINE
00:30	02:30	2.00	P	WOR	39	TRIP	SNUB WS OOH AND RID DOWN SPARTAN BH DRILL ASSY
02:30	05:30	3.00	N	WLWORK	42	WOEP	WAIT ON ELU
05:30	06:00	0.50	P	WLWORK	28	SFTYMTG	HSM. REVIEWED JSA'S WITH DAY SHIFT OPS.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)		Down Hole Tool Co:		Tool Sup:		
/				Qty	Description	ID	OD	Top Set
			FLOWBACK					
Gas Rate:								
Choke Size:								
Avg. Tbg. Press:								
Avg. Csg. Press:								
Fluid Rate (Water):								
Fluid Rate (Oil):								
Tot. Load Recovered:								

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 0810AH/01			Report Number: 036 Report Date: 03/02/2017 Spud Date: 10/09/2016 Release Date: DOE: 36 DOL: 35 AFE Days: 8.00 Last BOP T.: CSG Test:								
Event: COMPLETION LAND			API #: 4238339687											
Safety Meeting Topic:			Rig:											
Location: Lat: 31° 11' 59.34853 N			Rig Phone:											
Long: 101° 37' 37.79502 W			KB(ft): 2,862.01											
			POB: 21 Manhours: 252.00											
Current Activity: XX														
24 Hr Summary: XX														
24 Hr Forecast: XX														
OPERATION DETAILS														
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION							
06:00	07:00	1.00	P	WOR	40	WASH	CONT POOH WITH ELU, RDMO ELU							
07:00	07:00	0.00	P	WOR	39	TRIP	PREPARE FLOOR FOR RUNNING PRODUCTION TUBING							
Daily Operations Comments:														
CASING			FLUIDS				COMPLETION STRING DETAILS							
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:				Down Hole Tool Co:		Tool Sup:			
	/ 1,201.00				Fluids Eng:				Qty	Description		ID	OD	Top Set
9.625	1,201.00 / 1,201.00				Pit Temp:									
				Density:										
				Brine Type:										
				Gel Type:										
				Viscosity:										
				Nitrogen:										
				NTU:										
				FLOWBACK										
				Gas Rate:										
				Choke Size:										
				Avg. Tbg. Press:										
				Avg. Csg. Press:										
				Fluid Rate (Water):										
				Fluid Rate (Oil):										
				Tot. Load Recovered:										
PERFORATIONS														
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method		Comments						