## Greystone Petroleum, LLC

## Daily Completion and Workover Report University 31-2H

					Job Type.	completion
Well:	University 31-2H			Report by:	Report Date:	10/28/2017
	42-003-47488			Report #:	Daily Cost:	
	Permian Permian	Field:	Emma	AFE#:	Cum Drilling:	
State:			Andrews	AFE Total:	Cum Comp/WO:	
	Sec 42 Block 9 ,113' FNL &			WI%:	Cum Fac:	
	32° 07' 53.01" & -102° 37'			% AFE Spent:	Cum Total Spent:	

24 Hrs Summary:	TIH w/ 3-3/4	string mill & mule shoe	to 11,119'. TOH tbg, GIH to shoot circ holes	24 Hr NPT:	
	Finish TIH the			Cum NPT:	
carrent receiver.			to circulate		
Accident/Spill (Y/N):	N	Incident Report #:	NONE		

Section         Size (in)         Depth (ft) (lbs/ft)         Weight (lbs/ft)         Grade (lbs/ft)         Connection         ID (in)         Drift (in)         Burst (psi)         Collapse (psi)         Tension (lbs)         TOC         Comments           Surface         13-½         1,642         54.5         J-55         BTC         12.615         12.459         2,457         0         763,700         0           Inter.         9-½         5,840         40         HCL-80         LTC         8.853         8.679         5,175         0         0         0         0           Inter.         7         10,543         26         HCL-80         LTC         6.276         6.151         6,516         7,020         543,600         0         DV Tool @ 9,104¹           Liner         4-1/2         18,080         11.6         P-110         GBCD         4.000         3.875         9,621         6,822         330,300         9,846         Liner Top @ 9,717¹								Cas	ing Data		1.85,860		
Surface         13-%         1,642         54.5         J-55         BTC         12.615         12.459         2,457         0         763,700         0           Inter.         9-%         5,840         40         HCL-80         LTC         8.835         8.679         5,175         0         0         0         0         DV Tool @ 9,104¹           Inter.         7         10,543         26         HCL-80         LTC         6.276         6.151         6,516         7,020         543,600         0         DV Tool @ 9,104¹           Inter.         7         10,543         26         HCL-80         LTC         6.276         6.151         6,516         7,020         543,600         0         DV Tool @ 9,104¹	Section	Size (in)	Depth (ft)	_	Grade	Connection	ID (in)	Drift (in)	Burst (psi)	Collapse (psi)	of account of	тос	Comments
Inter. 9-1/4 5,840 40 HCL-80 LTC 8.835 8.679 5,175 0 0 0 0 0 0 DV Tool @ 9,104 inter. 7 10,543 26 HCL-80 LTC 6.276 6.151 6,516 7,020 543,600 0 DV Tool @ 9,104 inter. 7 10,543 26 HCL-80 LTC 6.276 6.151 6,516 7,020 543,600 0 DV Tool @ 9,104 inter.	Surface	13-%	1.642		J-55	BTC	12.615	12.459	2,457	0	763,700	0	
inter. 7 10,543 26 HCL-80 LTC 6.276 6.151 6,516 7,020 543,600 0 DV Tool @ 9,104 inter.					HCL-80	LTC	8.835	8.679	5,175	0	0	0	
mer. / 10,343 20 mer so 200 0 000 0 000 0 000 0 000 0 000 0 000 0		7				LTC	6.276	6.151	6.516	7,020	543,600	0	DV Tool @ 9,104'
		11/2								6,822	330,300	9,846	Liner Top @ 9,717'
	Tubing												

Wellh	ore Detail		Wellhead Detail		BHA Summ	nary		
KB:	25.0'	A Sec:		BHA #:		No wife was		
KOP:	9,827'	B Sec:			Component	OD (in)	ID (in)	Length (ft
and the second second	11,155'	C Sec:						
EOB MD:		C Sec.						
EOB TVD:	10,520'							
TVD @ TD:	10,541'	Rental Stack Botto	om to Top:					
Ave. TVD:	10,537'							
Lat. Length:	7,065'		0					
PBTD:	17,991'							
				V			1 5 5	
						Max	Min	Total
						0.000	0.000	0.00
					Total	0.000	0.000	0.00

Operations Summary Operations							
tart	End	Hours	Time Code	NPT	Operations		
5:00	16:00	10:00	WSURIH		MU & TIH w/ 2-3/8" x 15' Mule shoe, 3-3/4" String mill w/ light mesh & (357) jts 2-3/8" 5.95# P-110 PH6 tbg		
6:00	17:30	1:30	WSURIH		TIH to 11,119'. Did not tag anything, PU clean. Decision made to TOH & RU WL to shoot Circ holes in tie back		
7:30	18:45	1:15	OT	~	TOH w/ (12) jts. Lost all air pressure on rig. Mech arrived on location, made repairs & inspection of drilling line was advised needed		
8:45	18:45	0:00	OT		to replace. Decision made to replace rig once tbg on bottom.		
8:45	1:43	6:58	WSUPOOH	-	Finish TOH w/ tbg & string mill		
1:43	4:50	3:07	WLRU		MIRU Renegade WL. GIH w/ 1-9/16" gun, loaded w/ 3.2 gr, (8) 1/4" holes. Correlate to XO. Pull up to 10' sub & perf @ 9,703' (WLM)		
4:50	4:50	0:00	WLPOOH		POOH WL		
4:50	6:00	1:10	WSURIH		TIH w/ (250) jts 2-3/8" 5.95# P-110 PH6 tbg		
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## Greystone Petroleum, LLC

## Daily Completion and Workover Report University 31-2H

				Job Type:	Completion
University 31-2H			Report by:	Report Date:	10/29/2017
-345			Report #:	Daily Cost:	
	Field:	Emma	AFE #:	Cum Drilling:	
	County:	Andrews	AFE Total:	Cum Comp/WO:	
Sec 42 Block 9 .113' FNL &	376' FWL		WI%:	Cum Fac:	
			% AFE Spent:	Cum Total Spent:	
	University 31-2H 42-003-47488 Permian TX Sec 42 Block 9 ,113' FNL &	University 31-2H 42-003-47488 Permian Field: TX County: Sec 42 Block 9 ,113' FNL & 376' FWL	42-003-47488	University 31-2H	University 31-2H

24 Hrs Summary:	MIRU N2 unit	s Flowback & Mixing pla	int, Break cir. Pump diverter & plugged off circ holes	24 Hr NPT:	
	WO orders			Cum NPT:	
current receiving.	The state of the s		art drilling plugs		
Accident/Spill (Y/N):	l N	Incident Report #:	NONE		

							Cas	ing Data				
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Connection	ID (in)	Drift (in)	Burst (psi)	Collapse (psi)	Tension (lbs)	тос	Comments
Surface	13-%	1,642	54.5	J-55	BTC	12.615	12.459	2,457	0	763,700	0	
Inter.	9-5/8	5,840	40	HCL-80	LTC	8.835	8.679	5,175	0	0	0	
Inter.	7	10,543	26	HCL-80	LTC	6.276	6.151	6,516	7,020	543,600	. 0	DV Tool @ 9,104'
Liner	4-1/2	18,080	11.6	P-110	GBCD	4.000	3.875	9,621	6,822	330,300	9,846	Liner Top @ 9,717'
Tubing												

Wellbo	ore Detail	Wellh	ead Detail	BHA Summary						
KB:	25.0'	A Sec:	BHA #:							
KOP:	9,827'	B Sec:		Component	OD (in)	ID (in)	Length (ft			
EOB MD:	11,155'	C Sec:								
EOB TVD:	10,520'									
TVD @ TD:	10,541'	Rental Stack Bottom to Top:								
Ave. TVD:	10,537'									
Lat. Length:	7,065'									
PBTD:	17,991'									
					Max	Min	Total			
				Total	0.000	0.000	0.00			

	Operations Summary								
Start	End	Hours	Time Code	NPT	Operations				
6:00	8:30	2:30	WSURIH		Finish TIH w/ (98) jts 2-3/8" 5.95# P-110 PH6 tbg				
8:30	10:45	2:15	OT		RDMO move out 600 series rig. MIRU 500 series rig.				
10:45	16:45	6:00	OT		MIRU Flowco N2 membrane units. MIRU Chemco mixing plant. MIRU Performance Flowback				
16:45	18:00	1:15	OT		Finish all hook ups. Bring start injecting N2 down csg				
18:00	23:15	5:15	OT		Pumping 1,200 scfm down backside @2,000 psi well began to unload				
23:15	0:45	1:30	OT		Unloaded 80 bbls from backside & pressure leveled off @ 1,000 psi				
0:45	2:25	1:40	OT		Began mixing 50 visc 60 bbl gel pill w/ 1 lb per bbl of Pre-vert 150 diverter & flushed to EOT				
2:25	4:30	2:05	OT		Shut in and let 20 min. Bring N2 back online & begin pumping fluid @ 2.6 bpm w/ RR-2.3				
4:30	5:30	1:00	OT		Backside pressure climbed to 2,800 psi. Circulating 2.6 bpm in/2.3bpm out w/ fluid alone. Circulate 225 bbls				
5:30	6:00	0:30	OT		Start bleeding backside down & TOH w/ (26) jts 2-3/8" 5.9# P-110 PH6 tbg				
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