DAILY REPORT

DATE	July 3, 2018	**API NUMBER**	42495340760000	**REPORT #**	13
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	10:15	4.3	Held TGSM and reviewed JRS's, Discussing overhead loads, Falling objects, HP Iron/Red zone, pressure release, line of fire, stop job authority, good communication , radio silence, lease road speed limits, house keeping on lease road and location, GPS location for air evacuation , nearest hospital in Kermit Texas & Designated driver, spotters when backing traffic, max pressures, proper PPE, valve and well control. Altitude WL lay down lubricator and re-head. NPT - 10 hrs 45 mins.
10:15	14:45	4.5	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 21,496'. Perf Stg #2 From 21,484' - 21,329'. PDV - 444 BBLS. POOH Logging, Verify all shots fired - Drop Ball on Hydraulic Master Valve, SI and secure. Turn Well to Frac.
14:45	18:00	3.3	Frac Stg #2, PT Treating Iron to 11,190 Psi, Frac Stg w/ 11,841 BBLS Frac Fluid, LTR This Stg- 12,285 BBLS, TLTR - 12,285 BBLS. Good Acid Break. ISIP=5,189 psi, 1-min=4,852 psi, 100% of proppant placed.
18:00	23:30	5.5	W/O WL - RU 10k Lubricator, RE-Head, Pump Down & Perforate Stg #2 on 2H.
23:30	03:30	4.0	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 21,314'. Perf Stg #3 @ 21,301' Only 1 cluster fired POOH. PDV-443 bbls.
03:30	06:00	2.5	RU Altitude WL Crew, with 12 cluster perf string and PD Sleeve. RBIH to Perf Stg #3 remaining clusters.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 4, 2018	**API NUMBER**	42495340760000	**REPORT #**	14
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:15	2.3	RU Altitude WL Crew, with 12 cluster perf string and PD Sleeve to Perf Stg #3 from 21,302' - 21,150'. PDV - 925 BBLS. POOH, Verify all shots fired - Drop Ball on Hydraulic Master Valve, SI and secure. Turn Well to Frac
08:15	08:45	0.5	PT Rig Lock night cap - Seals leaking by, W/O Rig Lock to change out seals.
08:45	11:45	3.0	Frac Stg #3, PT Treating Iron to 11,190 Psi, Frac Stg w/ 11,709 BBLS Frac Fluid, LTR This Stg- 12,634 BBLS, TLTR - 36,794 BBLS. Good Acid Break. Good Response when Ball Seated. ISIP=6,763 psi, 1-min=5,100 psi, 97% of proppant placed. Pressure started increasing on 2.00# 40/70 sand, Increased FR & Lowered rate getting temporary relief, Cut sand early and flushed WB.
11:45	03:30	15.8	W/O WL to repair grease head, Pump Down & Perforate Stg #3 on 1H.
03:30	04:30	1.0	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD)
04:30	06:00	1.5	During Integrity Energy Services Pump Down one pump kept derating due to low oil pressure sensor kickout, Pull to Surface. Shut in well and await Frac operations to conclude on the 1H, to pump WL down.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 5, 2018	**API NUMBER**	42495340760000	**REPORT #**	15
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:45	0.8	Wait on Frac operations to conclude on the 1H for pumpdown.
06:45	07:15	0.5	Integrity Energy Services pump down pumps broke down - Flush out treating iron to FBT - Prep to pump down WL w/Frac.
07:15	10:00	2.8	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 21,131'. Perf Stg #4 From 21,117' - 20,964'. PDV for both pump downs - 543 BBLS. POOH, Verify all shots fired - Drop Ball on Hydraulic Master Valve, SI and secure. Turn Well to Frac.
10:00	13:30	3.5	Wait on Wireline run on UL Mill 3427-21 # 1H to frac / use frac services to pump down wireline.
13:30	14:45	1.3	Pump 2547 Gal 15% HCl - Disp w/500 bbls FW. Good Ball Action. Good Acid Break.
14:45	16:30	1.8	Zipper manifold leaking externally at 4" frac-head flange connections. Replace 2 ring gaskets & re-torque.
16:30	19:45	3.3	Frac Stg #4, PT Treating Iron to 11,398 Psi, Frac Stg w/ 11,951 BBLS Frac Fluid, LTR This Stg- 11,951 BBLS, TLTR - 48,746 BBLS. ISIP=5,343 psi, 1-min=5,108 psi, 89% of proppant placed.
19:45	00:45	5.0	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 21,131'. Perf Stg #5 From 20,782' - 20,936'. PDV -482 BBLS. POOH, Verify all shots fired - Drop Ball on Hydraulic Master Valve Open Well, Pump 13 BBLS water W/Integrity Pump Down, Switched to acid pumped 64 BBLS 15% HCL. Flushed W/ 500 BBLS. Good Response when ball seated. SWI. (Total Pumped=982 BBLS.)
00:45	01:30	0.8	Liberty Oilfield Services, repair 2 Pumps.
01:30	04:15	2.8	Frac Stg #5, PT Treating Iron to 11,133 Psi, Frac Stg w/ 11,219 BBLS Frac Fluid, LTR This Stg- 11,219 BBLS, TLTR - 59,965 BBLS. ISIP=4,820 psi, 1-min=4,779 psi, 89% of proppant placed.
04:15	06:00	1.8	Altitude WL Rig-up 12,500 Psi. Lubricator and Grease Package, Re-head
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 6, 2018	**API NUMBER**	42495340760000	**REPORT #**	16
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	10:00	4.0	Altitude WL Rig-up 12,500 Psi. Lubricator and Grease Package, Re-head. Altitude WL NPT = 5.75 hrs.
10:00	13:15	3.3	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 20,767'. Perf Stg #6 From 20,755' - 20,600'. PDV - 451 BBLS. POOH, Verify all shots fired - Drop Ball on Hydraulic Master Valve Turn Well to Frac.
13:15	17:15	4.0	Frac Stg 6 Frac Stg #6, PT Treating Iron to 10,920 Psi, Frac Stg w/ 12,274 BBLS Frac Fluid, LTR This Stg- 12,274 BBLS, TLTR - 72,239 BBLS. ISIP=5,114 psi, 1-min=4,918 psi, 100% of proppant placed.
17:15	18:30	1.3	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 20,585'. Perf Stg #7,
18:30	21:30	3.0	P.O.O.H. with Altitude WL due to misrun, Plug did not set, due to bad connection on a quick change, NPT will continue until back on Plug Depth of 20,585'.
21:30	23:00	1.5	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 20,585'. Perf Stg #7 From 20,417' - 20,572'. PDV for both runs -694 BBLS. POOH, Verify all shots fired - Drop Ball on Hydraulic Master Valve. While coming off the well gun string sitting on top of the tool trap while trap was in the open position, set BOP's down with gunstring in lubricator to repair tool trap.
23:00	23:45	0.8	Liberty Oilfield Services Repair Pumps.
23:45	02:30	2.8	Frac Stg #7, PT Treating Iron to 11,239 Psi, Frac Stg w/ 11,594 BBLS Frac Fluid, LTR This Stg- 12,288 BBLS, TLTR - 84,527 BBLS. ISIP=5,044 psi, 1-min=4,809 psi, 100% of proppant placed.
02:30	03:00	0.5	Wait on WL stage #7 on the 1H.
03:00	04:15	1.3	Replace seals on riglock and repair swing arm.
04:15	06:00	1.8	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns @ Report time Stage #8.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 7, 2018	**API NUMBER**	42495340760000	**REPORT #**	17
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:45	0.8	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 20,402'. Perf Stg #8 From 20,235' - 20,389'. PDV -406 BBLS. POOH, Verify all shots fired - Drop Ball on Hydraulic Master Valv
06:45	07:30	0.8	Oilstates grease isolation tool master valves.
07:30	11:30	4.0	Frac Stg #8, PT Treating Iron to 11,234Psi, Frac Stg w/ 12,359 BBLS Frac Fluid, LTR This Stg- 12,359 BBLS, TLTR - 96,887 BBLS. Good Ball Action. Good Acid Break. ISIP=5,528 psi, 1-min=5,152 psi, 100% of proppant placed.
11:30	12:15	0.8	Setting sleeve for ProDrill BP defective. W/O Slb to deliver replacement.
12:15	15:15	3.0	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set ProDrill CBP (4.43" OD) AT 20,220'. Perf Stg #9 From 20,208' - 20,015'. PDV - 331 BBLS. POOH, Verify all shots fired - SWI. Open Well, Pump 95 BBLS water W/Integrity Pump Down, Switched & pumped 60 BBLS 15% HCL. Flushed W/ 450 BBLS. Good Acid Break. ISIP = 6,105, 1 min = 5,340. SWI. (Total Pumped=936 BBLS.)
15:15	17:30	2.3	W/O Frac to complete Stg #8 on 1H.
17:30	20:15	2.8	Frac Stg #9, PT Treating Iron to 11,003Psi, Frac Stg w/ 11,868 BBLS Frac Fluid, LTR This Stg- 12,199 BBLS, TLTR - 109,086 BBLS. Good Ball Action. Good Acid Break. ISIP=5,426 psi, 1-min=5,089 psi, 100% of proppant placed.
20:15	06:00	9.8	Wait on Offset Current Frac on UL Mill 3427-21 # 2H & 1H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 8, 2018	**API NUMBER**	42495340760000	**REPORT #**	18
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 9, 2018	**API NUMBER**	42495340760000	**REPORT #**	19
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 10, 2018	**API NUMBER**	42495340760000	**REPORT #**	20
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 11, 2018	**API NUMBER**	42495340760000	**REPORT #**	21
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 12, 2018	**API NUMBER**	42495340760000	**REPORT #**	22
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 13, 2018	**API NUMBER**	42495340760000	**REPORT #**	23
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 14, 2018	**API NUMBER**	42495340760000	**REPORT #**	24
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 15, 2018	**API NUMBER**	42495340760000	**REPORT #**	25
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	07:00	1.0	Wait on Offset Current Frac on UL Mill 3427-21 # 1H & 2H / monitoring pressure on memory gauges on UL Mill 3427-21 #3HR.
07:00	07:30	0.5	RU Altitude WL to perforate stage #10, WL crew RU wrong plug on setting tool, lay down tool string and rebuild setting tool with weatherford shorty plug. RU and had to move chain on bottom WL sheave to avoid rubbing WL on wellhead. SI and Secured Reservoir Data Systems Gauge, SICP = 4,057 psi.
07:30	10:15	2.8	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. while Liberty Frac finished completing frac stage 16 on the 2H, pump down to 15,467' at 15 bpm at 9,825 psi, decided to shut down, POOH and flush wellbore with frac services
10:15	11:15	1.0	RU Liberty Oilfield Services and mixed and pumped 100 bbls at 3.0 GPT FR and displaced wellbore with a total of 1,575 bbls, having a max rate of 78.2 bpm at 10,998 psi, SD prepare to wireline.
11:15	14:15	3.0	RU Altitude WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFT Shorty CFP (4.38" OD) AT 20,000'. Perf Stg # 10 From 19,986' - 19,796'. PDV - 501 BBLS. for both runs, POOH - ASF, Drop Ball on Hyd Master Valve. 1st run on Re-head
14:15	19:00	4.8	Wait on Offset Current Frac on UL Mill 3427-21 # 1H
19:00	20:30	1.5	Repair Pumps: 4 pumps down- 2 Packings, 2 D-Rings. During PT had to replace 3" chixon on well.
20:30	22:45	2.3	Frac Stg #10, PT Treating Iron to 11,234 Psi, Frac Stg w/ 11,091 BBLS Frac Fluid, LTR This Stg- 10,658 BBLS, TLTR - 11,159 BBLS. Good Acid Break. ISIP=6,178 psi, 1-min=5,720 psi, 100% of proppant placed.
22:45	00:00	1.3	RDMO Altitude Wireline.
00:00	06:00	6.0	MIRU Patriot Wireline Services.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 16, 2018	**API NUMBER**	42495340760000	**REPORT #**	26
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	14:00	8.0	MIRU Patriot Wireline Solutions
14:00	15:15	1.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns to 545', check switches, could only read BRT and top 3 guns due to short in tool string, POOH and Lay down guns. Repair gun string, failure due to wire connector on 4th cluster broke and shorted. Rig back up, load lubricator. Rig lock leaking . bled off, PU Lubricator and change O-Rings,
15:15	15:45	0.5	MU Lubricator. Load and test lube, had leak on liberty down joint, Bled off and repair Iron.
15:45	18:45	3.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns to 12,429', Intergrity pumps went down due to boost hose blowing a hole in it on mix plant, SD and got PU to marker joint, tied back in, checked switches, guns sting good. repair boost hose. establish pump down rate and pump down pump went down due to transmission pressure sensor. Prime up frac services and pressure test to zipper manifold to 9,210 psi. held good, equalize to 4,230 psi. open zipper manifold,
18:45	22:15	3.5	Pump down with Liberty Frac Services, Set WFT Shorty CFP (4.38" OD) AT 19,781'. Perf Stg # 11 From 19,577' - 19,769'. PDV - 436 BBLS. POOH Logging collars - ASF, Drop Ball on Hyd Master Valve. 1st run on Re-head Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 15.2% HCL. Flushed W/ 469 BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = 926 BBLS.)
22:15	00:00	1.8	Pump Down Wireline w/Frac on offset UL Mill 3427-21 2H.
00:00	02:30	2.5	Frac Stg #11, PT Treating Iron to 11,179 Psi, Frac Stg w/ 10,614 BBLS Frac Fluid, LTR This Stg- 11,050 BBLS, TLTR - 132,697 BBLS. Good Acid Break. ISIP=5,738 psi, 1-min=5,460 psi, 100% of proppant placed.
02:30	03:30	1.0	Patriot had no guns built for next stage , building perf string now.
03:30	06:00	2.5	RU Patriot Wireline Services, when stabbing on well top shiv wheel twisted, were unable to move wire in or out, after we came off well could not drop out of lube, laid lubricator down to repair twisted wire. PU and drop out of Lube. Inspect cable head and 300' of wire. Cut off 300' of 1/4" wireline. Re-head cable head.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 17, 2018	**API NUMBER**	42495340760000	**REPORT #**	27
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:15	2.3	RU Patriot Wireline Services, when stabbing on well top shiv wheel twisted, were unable to move wire in or out, after we came off well could not drop out of lube, laid lubricator down to repair twisted wire. PU and drop out of Lube. Inspect cable head and 300' of wire. Cut off 300' of 1/4" wireline. Re-head cable head.
08:15	11:45	3.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set SLB Diamondback CFP (4.375" OD) AT 19,562'. Perf Stg # 12 From 19,463' - 19,397'. PDV - 316 BBLS. POOH, 1st run on re-head. set schlumberger plug due to not having a good setting tool for weatherford shorty due to tool string being dropped. waiting on new setting tool at RU time, during plug set in the 89* tension went from 1,666# to 1,674#, did not get a good plug set indication. cycled plug 3-times to make sure plug set, no indication. switch showed fired, PU to string to 19,433' CCL depth, Perforation depth of 19,447' and tried to pump back down. bringing rate up to 4 BPM with Intergrity pressure climbed to 10,234 psi and kicked out pump. Pressure held rock steady. talked to wireline ground crew. they rigged plug up with ball in place. Note: both crews were told upon arrival for job, all balls would be dropped at surface. bled pressure back to 4,632 psi, shot 9 clusters at that CCL depth, with standoff depths. POOH Perforating on depth last 4 clusters.
11:45	12:15	0.5	Laid down gun string with forklift, Verify all shots fired, wait on gun to built for next run.
12:15	15:15	3.0	Frac Stg #12, PT Treating Iron to 11,305 Psi, Frac Stg w/ 12,184 BBLS Frac Fluid, LTR This Stg- 12,530 BBLS, TLTR - 145,228 BBLS. Good Acid Break. ISIP=5,384 psi, 1-min=5,271 psi, 100% of proppant placed.
15:15	17:15	2.0	Wait on crew to build gun string for next run. found short in wiring, had to tear gun down and re-build
17:15	20:00	2.8	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set SLB Diamondback CFP (4.375" OD) AT 19,382'. Perf Stg # 13 From 19,216' - 19,367'. PDV - 330 BBLS. POOH, ASF, drop ball on master valve, 3rd run on re-head.
20:00	23:00	3.0	Frac Stg #13, PT Treating Iron to 11,305 Psi, Frac Stg w/ 12,184 BBLS Frac Fluid, LTR This Stg- 12,530 BBLS, TLTR - 145,228 BBLS. Good Acid Break. ISIP=5,384 psi, 1-min=5,271 psi, 100% of proppant placed.
23:00	00:00	1.0	WO offset wireline operations on UL Mill 3427-21 2H.
00:00	01:45	1.8	WO Patriot to build gun for next stage. (Greased Oil States Isolation Tool).
01:45	05:00	3.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 19,201'. Perf Stg # 14 From 19,038' - 19,189'. PDV - 334 BBLS. POOH, ASF, drop ball on master valve, 4th run on re-head.
05:00	05:30	0.5	Grease Oilstates Isolation Tool
05:30	06:00	0.5	Pumping Frac stage #14 @ Report time.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 18, 2018	**API NUMBER**	42495340760000	**REPORT #**	28
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:30	2.5	Frac Stg #14, PT Treating Iron to 11,290Psi, Frac Stg w/ 11,358 BBLS Frac Fluid, LTR This Stg- 11,692 BBLS, TLTR - 168,258 BBLS. Good Acid Break. ISIP=5,647 psi, 1-min=5,368 psi, 100% of proppant placed.
08:30	09:45	1.3	Wait on wireline to build gun string for next wireline run. Patriot Wireline hand got overheated, sit him in cooling trailer and gave him water, concerned about heat exhaustion or heat stroke. Liberty Oilfield Service designated ambulance driver took him into nearest hospital in Kermit, Texas to emergency room to have him looked at.
09:45	12:45	3.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 19,023'. Perf Stg # 15 From 19,011' - 18,860'. PDV - 300 BBLS. POOH, ASF, drop ball on master valve, 5th run on re-head.
12:45	13:45	1.0	LOS Pump Maintenance
13:45	16:45	3.0	Frac Stg #15, PT Treating Iron to 11,429 Psi, Frac Stg w/ 11,782 BBLS Frac Fluid, LTR This Stg- 12,082 BBLS, TLTR - 180,340 BBLS. Good Acid Break. ISIP=6,221 psi, 1-min=5,718 psi, 100% of proppant placed.
16:45	20:15	3.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 18,845'. Perf Stg # 16 From 18,682' - 18,830'. PDV - 330 BBLS. POOH, ASF, drop ball on master valve, 2nd run on re-head. Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 75 BBLS 17% HCL. Flushed W/ 449 BBLS.Good Ball Seat. Good Acid Break. SWI. (Total Pumped=789 BBLS.)
20:15	21:15	1.0	WO offset UL Mill 3427-21 2H frac operations
21:15	21:45	0.5	Repair Pumps: 2 D-Rings.
21:45	00:30	2.8	Frac Stg #16, PT Treating Iron to 11,169 Psi, Frac Stg w/ 11,052 BBLS Frac Fluid, LTR This Stg- 11,382 BBLS, TLTR - 192,181 BBLS. Good Acid Break. ISIP=6,226 psi, 1-min=5,674 psi, 100% of proppant placed.
00:30	01:00	0.5	Displacing acid w/ pumpdown on 2H.
01:00	04:45	3.8	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 18,667'. Perf Stg # 17 From 18,504' - 18,651'. PDV - 312 BBLS. POOH, ASF, drop ball on master valve, 2nd run on re-head. Open Well, Pump 5 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 17% HCL. Flushed W/ 446 BBLS.Good Ball Seat. Good Acid Break. SWI. (Total Pumped=763 BBLS.)
04:45	05:30	0.8	Grease Oilstates isolation tool
05:30	06:00	0.5	Pumping Frac Stage #17 @ Report time.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 19, 2018	**API NUMBER**	42495340760000	**REPORT #**	29
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:30	2.5	Frac Stg #17, PT Treating Iron to 11,249Psi, Frac Stg w/ 11,656 BBLS Frac Fluid, LTR This Stg- 11,968 BBLS, TLTR - 204,149 BBLS. Good Acid Break. ISIP=5,328 psi, 1-min=5,155 psi, 100% of proppant placed.
08:30	11:00	2.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 18,482'. Perf Stg # 18 From 18,469' - 18,326'. PDV - 360 BBLS. POOH, ASF, drop ball on master valve, 2nd run on re-head.
11:00	14:15	3.3	Wait on Acid to arrive, no acid on pump down side. will have to pump acid with frac.
14:15	17:30	3.3	Frac Stg #18, PT Treating Iron to 11,385 Psi, Frac Stg w/ 12,055 BBLS Frac Fluid, LTR This Stg- 12,055 BBLS, TLTR - 216,204 BBLS. Good Acid Break. ISIP=5,743 psi, 1-min=5,620 psi, 100% of proppant placed.
17:30	20:00	2.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 18,305'. Perf Stg # 19 From 18,148' - 18,291'. PDV - 318 BBLS. POOH, ASF, drop ball on master valve.
20:00	21:15	1.3	WO offset frac operations
21:15	21:45	0.5	Repair Pumps: 2 D-Rings.
21:45	01:00	3.3	Frac Stg #19, PT Treating Iron to 11,385 Psi, Frac Stg w/ 12,919 BBLS Frac Fluid, LTR This Stg- 12,919 BBLS, TLTR - 229,123 BBLS.Good Ball Seat.Good Acid Break. ISIP=5,636 psi, 1-min=5,342 psi, 100% of proppant placed.
01:00	04:30	3.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 18,125'. Perf Stg # 20 From 17,970' - 18,112'. PDV - 270 BBLS. POOH, ASF, drop ball on master valve. Repair high pressure leak on Integrity pump down Fluid end Discharge before displacing acid. Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS (2,982 gal) 17.2 % HCL (Titrated). Flushed W/ 440 BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = 710 BBLS.)
04:30	04:45	0.3	Waiting on Offset 2H operation.
04:45	06:00	1.3	Liberty Oilfield Services repair pumps.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 20, 2018	**API NUMBER**	42495340760000	**REPORT #**	30
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:45	0.8	Repair Liberty Frac Pumps / Tried to pressure test, repair leaks.
06:45	09:30	2.8	Frac Stg #20, PT Treating Iron to 11,402 Psi, Frac Stg w/ 12,454 BBLS Frac Fluid, LTR This Stg- 12,724 BBLS, TLTR - 242,485 BBLS. ISIP=5,692 psi, 1-min=5,530 psi, 100% of proppant placed.
09:30	12:30	3.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 17,952'. Perf Stg # 21 From 17,939' - 17,792'. PDV - 272 BBLS. POOH, ASF, drop ball on master valve. Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS (2,940 gal) 16.8 % HCL (Titrated). Flushed W/ 381 BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = 475 BBLS.)
12:30	13:30	1.0	W/O Liberty Frac Crew to complete Stg # 27 on 2H.
13:30	15:45	2.3	Repair Frac Pumps / Pressure Tested, Open well and started Frac Stage 21, started stage with 18 pumps inline, lost one pump immediately after stage started, was on 1.0#, 100 Mesh stage, lost a total of 4-pumps, was able to get 1-pump back online, 2-other pumps could not bring out of first gear, 3- pumps overheating. max rate was at 79 bpm, told crew to flush wellbore with 431 bbls / 50 bbls over flush, shut down. fix pumps to be able to get rate. 15:10 - SI and Secure wellbore, bled off iron. start Pump Maintenance . charge down time since prior to stage starting due to not being able to get or maintain rate.
15:45	18:00	2.3	Frac Stg #21, PT Treating Iron to 11,387 Psi, Frac Stg w/ 13,407 BBLS Frac Fluid, LTR This Stg- 13,679 BBLS, TLTR - 256,164 BBLS. ISIP=6,759 psi, 1-min=5,941 psi, 100% of proppant placed.
18:00	21:30	3.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 17,774'. Perf Stg # 22 From 17,614' - 17,761'. PDV - 346 BBLS. POOH, ASF, drop ball on master valve. Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS (2,940 gal) 16.8 % HCL (Titrated). Flushed W/ 427 BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = 783BBLS.)
21:30	22:00	0.5	WO offset UL Mill 3427-21 2H frac operations
22:00	23:00	1.0	Liberty Oilfield Services work on 5 Pumps D-rings.
23:00	01:30	2.5	Frac Stg #22, PT Treating Iron to 11,303 Psi, Frac Stg w/ 12,313 BBLS Frac Fluid, LTR This Stg- 12,313 BBLS, TLTR - 268,477 BBLS. ISIP=6,663 psi, 1-min=6,273 psi, 100% of proppant placed.
01:30	04:15	2.8	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 17,599'. Perf Stg # 23 From 17,439' - 17,587'. PDV - 264 BBLS. POOH, ASF, drop ball on master valve. Open Well, Pump xx BBLS water W/Integrity Pump Down, Switched & pumped xx BBLS (2,xxx gal) 16.8 % HCL (Titrated). Flushed W/ xxx BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = xxx BBLS.)
04:15	04:30	0.3	Liberty Oilfield Services Swap 1 Pump
04:30	05:15	0.8	Wait on Oil States to Grease Isolation Tool.
05:15	06:00	0.8	Frac Stg #23 @ Report time.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 21, 2018	**API NUMBER**	42495340760000	**REPORT #**	31
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:00	2.0	Frac Stg #23, PT Treating Iron to 11,105 Psi, Frac Stg w/ 12,566 BBLS Frac Fluid, LTR This Stg- 12,830 BBLS, TLTR - 281,307 BBLS. ISIP=6,127 psi, 1-min=5,801 psi, 100% of proppant placed. 06:47 - Shut down on after flushing 1.0#, 40/70 Mesh due to losing FR, Switched ISO and resumed stage at 07:20 Liberty NPT=00:34 minutes
08:00	11:15	3.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 17,421'. Perf Stg # 24 From 17,265' - 17,406'. PDV - 252 BBLS. POOH, ASF, drop ball on master valve. Bottom Gun shorted out after setting plug, shot cluster 2-2.0' lower, top cluster also shot 5.0' lower, to space out perforations, 12 total guns shot, total of 24 holes. Open Well, Pump 5 BBLS water W/Integrity Pump Down, Switched & pumped 75 BBLS (3,150 gal) 16.8 % HCL (Titrated). Flushed W/ 370 BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = 467 BBLS.)
11:15	11:45	0.5	W/O Liberty Frac Crew to complete Stg # 30 on 2H.
11:45	13:15	1.5	Repair 5-pumps
13:15	16:30	3.3	Frac Stg #24, PT Treating Iron to 11,288 Psi, Frac Stg w/ 12,393 BBLS Frac Fluid, LTR This Stg- 13,191 BBLS, TLTR - 294,498 BBLS. ISIP=5,936 psi, 1-min=5,748 psi, 100% of proppant placed. 14:00 - Flushed well on 0.75#, 100 Mesh, SD and SI well, bled off, Repair leak on Rig Lock, 14:15 - Pressure test and resume stage as designed. Rig Lock NPT=00:15 minutes
16:30	19:45	3.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 17,243'. Perf Stg #25 From 17,231' - 17,051'. PDV - 246 BBLS. POOH, ASF, drop ball on master valve. Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 16.8 % HCL (Titrated). Flushed W/ 450 BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = 696 BBLS.)
19:45	21:15	1.5	Wait on Frac to Repair Forklifts for Sand on the 2H.
21:15	22:30	1.3	Wait on Offset operation.
22:30	23:45	1.3	Repair pumps: 2 D-Rings, 1 Packing
23:45	01:45	2.0	Frac Stg #25, PT Treating Iron to 11,428 Psi, Frac Stg w/ 10,153 BBLS Frac Fluid, LTR This Stg- 10,153 BBLS, TLTR - 304,651 BBLS. ISIP=6,306 psi, 1-min=5,946 psi, 100% of proppant placed.
01:45	05:00	3.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set Weatherford Shorty CFP (4.375" OD) AT 17,036'. Perf Stg #26 From 17,023' - 16,845'. PDV - 288 BBLS. POOH, ASF, drop ball on master valve. Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 71 BBLS 16.8 % HCL (Titrated). Flushed W/ 441 BBLS. Good Response when ball seated. Good Acid Break. SWI. (Total Pumped = 729 BBLS.)
05:00	05:30	0.5	Liberty Oilfield Services Repair Pumps.
05:30			Frac Stg #26 @ Report Time.
Total Hours		**23.5**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 22, 2018	**API NUMBER**	42495340760000	**REPORT #**	32
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:00	2.0	Frac Stg #26, PT Treating Iron to 11,161 Psi, Frac Stg w/ 10,825 BBLS Frac Fluid, LTR This Stg- 11,113 BBLS, TLTR - 315,765 BBLS. ISIP=5,819 psi, 1-min=5,271psi, 100% of Prop Placed. (Good Acid Break)
08:00	08:30	0.5	W/O Patriot WL Crew to POOH on 2H.
08:30	12:00	3.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 16,830'. Perf Stg #27 From 16,784' - 16,632'. PDV - 204 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 20 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 16.8 % HCL (Titrated). Flushed W/370 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 664 BBLS.)
12:00	14:00	2.0	W/O Frac to Flush 1H.
14:00	14:30	0.5	REPAIR PUMPS
14:30	17:00	2.5	Frac Stg #27, PT Treating Iron to 11,343 Psi, Frac Stg w/ 10,391 BBLS Frac Fluid, LTR This Stg- 12,595 BBLS, TLTR - 328,360 BBLS. ISIP=5,930 psi, 1-min=5,669 psi, 100% of Prop Placed.
17:00	20:00	3.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 16,610'. Perf Stg #28 From 16,432' - 16,595'. PDV - 212 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 6 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 16.8 % HCL (Titrated). Flushed W/402 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 620 BBLS.)
20:00	20:45	0.8	WO offset frac operations on UL Mill 3427-21 1H
20:45	21:30	0.8	Liberty Oilfield Services Repair Pumps.
21:30	23:30	2.0	Frac Stg #28, PT Treating Iron to 11,343 Psi, Frac Stg w/ 10,468 BBLS Frac Fluid, LTR This Stg- 10,468 BBLS, TLTR - 338,828 BBLS. ISIP=5,921 psi, 1-min=5,658 psi, 100% of Prop Placed.
23:30	02:30	3.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 16,420'. Perf Stg #29 From 16,225' - 16,405'. PDV - 222 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 5 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 16.8 % HCL (Titrated). Flushed W/398 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 625 BBLS.)
02:30	03:00	0.5	WO offset UL Mill 3427-21 1H frac operations
03:00	03:30	0.5	Repair pumps and pump maintenance.
03:30	06:00	2.5	Frac Stg #29, PT Treating Iron to 11,298 Psi, Frac Stg w/ 11,062 BBLS Frac Fluid, LTR This Stg- 11,062 BBLS, TLTR - 349,890 BBLS. ISIP=5,989 psi, 1-min=5,498 psi, 100% of Prop Placed.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 23, 2018	**API NUMBER**	42495340760000	**REPORT #**	33
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:45	2.8	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 16,210'. Perf Stg #30 From 16,197' - 16,020'. PDV - 235 BBLS. POOH, ASF, Drop ball on master valve.
08:45	09:15	0.5	WAIT ON OFFSET OPERATIONS ON 1H.
09:15	10:15	1.0	REPAIR PUMPS
10:15	13:15	3.0	Frac Stg #30, PT Treating Iron to 11,402Psi, Frac Stg w/ 11,764 BBLS Frac Fluid, LTR This Stg- 11,999 BBLS, TLTR - 361,889 BBLS. ISIP=5,932 psi, 1-min=5,404psi, 100% of Prop Placed. (Good Acid Break)
13:15	15:45	2.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 16,005'. Perf Stg #31 From 15,815' - 15,992'. PDV - 199 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 6 BBLS water W/Integrity Pump Down, Switched & pumped 50 BBLS 16 % HCL (Titrated). Flushed W/426 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 634 BBLS.)
15:45	18:30	2.8	WAIT ON OFFSET OPERATIONS 1H
18:30	20:00	1.5	REPAIR PUMPS: 2 D-Rings, 1 Valves and Seats, 1 power end issue. Started stage opened well while bring up rate on pumps blender died, SD to replace fuel filters.
20:00	22:45	2.8	Frac Stg #31, PT Treating Iron to 11,294 Psi, Frac Stg w/ 12,402 BBLS Frac Fluid, LTR This Stg- 12,402 BBLS, TLTR - 373,821 BBLS. ISIP=6,261 psi, 1-min=5,463 psi, 100% of Prop Placed.
22:45	03:00	4.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 15,800'. Perf Stg #32 From 15,785' - 15,610'. PDV - 200 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 10 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 16 % HCL (Titrated). Flushed W/405 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 627 BBLS.)
03:00	03:45	0.8	Repair Pumps: swap 2 pumps.
03:45	05:45	2.0	Frac Stg #32, PT Treating Iron to 11,088 Psi, Frac Stg w/ 10,230 BBLS Frac Fluid, LTR This Stg- 10,230 BBLS, TLTR - 384,886 BBLS. ISIP=5,750 psi, 1-min=5,605 psi, 100% of Prop Placed.
05:45	06:00	0.3	RIH w/wireline @ report time.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 24, 2018	**API NUMBER**	42495340760000	**REPORT #**	34
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:00	2.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 15,595'. Perf Stg #33 From 15,405' - 15,580'. PDV - 186 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 6 BBLS water W/Integrity Pump Down, Switched & pumped 50 BBLS 16 % HCL (Titrated). Flushed W/421 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 663 BBLS.)
08:00	08:30	0.5	Wait on Offset Operations on the 1H
08:30	10:30	2.0	Repair Pumps, Packing, D-Ring, and Head Check..
10:30	13:00	2.5	Frac Stg #33, PT Treating Iron to 11,321 Psi, Frac Stg w/ 12,578 BBLS Frac Fluid, LTR This Stg- 12,764 BBLS, TLTR - 397,650 BBLS. ISIP=5,520 psi, 1-min=5,019 psi, 100% of Prop Placed.
13:00	15:45	2.8	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 15,390'. Perf Stg #34 From 15,199' - 15,377'. PDV - 159 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 20 BBLS water W/Integrity Pump Down, Switched & pumped 58 BBLS 16 % HCL (Titrated). Flushed W/422 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 659 BBLS.)
15:45	17:00	1.3	Wait on offset operations on the 1H
17:00	19:00	2.0	Repair pumps.
19:00	21:00	2.0	Frac Stg #34, PT Treating Iron to 11,313 Psi, Frac Stg w/ 10,476 BBLS Frac Fluid, LTR This Stg- 10,476 BBLS, TLTR - 408,126 BBLS. ISIP=5,753 psi, 1-min=5,528 psi, 100% of Prop Placed.
21:00	23:30	2.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 15,186'. Perf Stg #35 From 14,996' - 15,173'. PDV - 149 BBLS. POOH, ASF, Drop ball on master valve. Open Well, Pump 5 BBLS water W/Integrity Pump Down, Switched & pumped 75 BBLS 16 % HCL (Titrated). Flushed W/372 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 526 BBLS.)
23:30	00:00	0.5	WO on offset UL Mill 3427-21 1H frac operations
00:00	01:00	1.0	Liberty Oilfield Services Repair 7 Pumps lost on previous stage.
01:00	06:00	5.0	Wait on Bottom Master Valve to be replaced on Payzone Zipper Manifold and top Crown Valve on Oilstates Isolation Tool on the 1H.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 25, 2018	**API NUMBER**	42495340760000	**REPORT #**	35
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	12:15	6.3	Wait on Bottom Master Valve to be replaced on Payzone Zipper Manifold and top Crown Valve on Oilstates Isolation Tool on the 1H.
12:15	12:30	0.3	Frac Stg #35, PT Treating Iron to 11,419 Psi.
12:30	13:00	0.5	LOST TWO PUMPS IN THE PAD STAGE, SHUT DOWN AND REPACK BOTH PUMPS
13:00	15:30	2.5	CONTINUE TO FRAC STAGE 35 - Frac Stg w/ 12,033 BBLS Frac Fluid, LTR This Stg- 12,182 BBLS, TLTR - 420,307 BBLS. ISIP=5,719 psi, 1-min=5,429 psi, 100% of Prop Placed.
15:30	18:00	2.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 14,975 Stg #36 From 14,791' - 14,960'. PDV - 155 BBLS. POOH, ASF, Drop ball on master valve.
18:00	19:00	1.0	WAIT ON OFFSET OPERATIONS 1H
19:00	20:30	1.5	Repair pumps: 1 valves and seats, 2 packings, 1 D-Ring.
20:30	23:45	3.3	Frac Stg #36, PT Treating Iron to 11,152 Psi, Frac Stg w/ 12,632 BBLS Frac Fluid, LTR This Stg- 12,135 BBLS, TLTR - 432,442 BBLS. ISIP=5,812 psi, 1-min=5,662 psi, 100% of Prop Placed.
23:45	03:45	4.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 14,776' Stg #37 From 14,763' - 14,586'. PDV - 156 BBLS. POOH, after last shot fired, gun-string got wall stuck taking our Line Tension from 1950# to 2800#, Picked up to 3000# at the KOP, Pumped up to 15 BPM with no CCL Movement. The decision was made to Flow Back the well on a 28/64" choke stabilizing the Line Tension at 1900# while Coming out of the hole through the Perfs, once Clear of 14,580' CCL depth where the last shot was fired Shut in at the Manifold and POOH,ASF, Drop ball on master valve.
03:45	05:30	1.8	Frac Stg #37, PT Treating Iron to 11,150 Psi, Frac Stg w/ 8,550 BBLS Frac Fluid, LTR This Stg- 8,550 BBLS, TLTR - 441,490 BBLS. ISIP=5,997 psi, 1-min=5,359 psi, 100% of Prop Placed. Good Pressure Response when Ball Seated.
05:30	06:00	0.5	WO offset operations. POOH w/ wireline on UL Mill 3427-21 1H
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 26, 2018	**API NUMBER**	42495340760000	**REPORT #**	36
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:15	0.3	Patriot WL Pick-up new Gunstring and swap wells
06:15	08:30	2.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 14,571' Stg #38 From 14,558' - 14,381'. PDV - 119 BBLS. POOH - ASF, Drop Ball on Master Valve. Open Well, Pump 20 BBLS water W/Integrity Pump Down, Switched & pumped 70 BBLS 16 % HCL (Titrated). Flushed W/320 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 529 BBLS.)
08:30	08:45	0.3	Grease Oilstates Isolation Tool Master Valves & Zipper Manifold.
08:45	10:30	1.8	Repairing pumps
10:30	12:30	2.0	Frac Stg #38, PT Treating Iron to 11,431 Psi, Frac Stg w/ 10,720 BBLS Frac Fluid, LTR This Stg- 10,839 BBLS, TLTR - 452,329 BBLS. ISIP=5,329 psi, 1-min=5,122 psi, 100% of Prop Placed.
12:30	15:45	3.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 14,356' Stg #39 From 14,343' - 14,189'. PDV - 120 BBLS. POOH - ASF, Drop Ball on Master Valve. Open Well, Pump 20 BBLS water W/Integrity Pump Down, Switched & pumped 48 BBLS 15% HCL (Titrated). Flushed W/315 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 503 BBLS.)
15:45	16:15	0.5	W/O Liberty Frac Crew to Repair Pumps.
16:15	18:30	2.3	Frac Stg #39, PT Treating Iron to 11,431Psi, Frac Stg w/ 10,421 BBLS Frac Fluid, LTR This Stg- 10,541 BBLS, TLTR - 462,870 BBLS. ISIP=5,273 psi, 1-min=4,963 psi, 100% of Prop Placed.
18:30	21:15	2.8	W/O Wireline to Perforate the 1H
21:15	22:00	0.8	Repair Tool Trap and pick-up new gun-string.
22:00	00:00	2.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set SLB ProDrill (4.425" OD) AT 14,174' Stg #40 From 14,161' - 13,983'. PDV - 96 BBLS. POOH - ASF
00:00	00:15	0.3	Wait on Offset Operations.
00:15	00:45	0.5	Repair Pumps.
00:45	02:45	2.0	Frac Stg #40, PT Treating Iron to 11,184 Psi, Frac Stg w/ 9,169 BBLS Frac Fluid, LTR This Stg- 9,265 BBLS, TLTR - 472,135 BBLS. ISIP=5,142 psi, 1-min=4,913 psi, 100% of Prop Placed.
02:45	06:00	3.3	Wait on Offset Frac OP's on UL Mill 3427-21 # 1H & 2H / Monitoring Pressure on Memory Gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 27, 2018	**API NUMBER**	42495340760000	**REPORT #**	37
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Frac OP's on UL Mill 3427-21 # 1H & 2H / Monitoring Pressure on Memory Gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 28, 2018	**API NUMBER**	42495340760000	**REPORT #**	38
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Frac OP's on UL Mill 3427-21 # 1H & 2H / Monitoring Pressure on Memory Gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 29, 2018	**API NUMBER**	42495340760000	**REPORT #**	39
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Frac OP's on UL Mill 3427-21 # 1H & 2H / Monitoring Pressure on Memory Gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 30, 2018	**API NUMBER**	42495340760000	**REPORT #**	40
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	Wait on Offset Frac OP's on UL Mill 3427-21 # 1H & 2H / Monitoring Pressure on Memory Gauges on UL Mill 3427-21 #3HR.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	July 31, 2018	**API NUMBER**	42495340760000	**REPORT #**	41
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	09:45	3.8	Wait on Offset Frac OP's on UL Mill 3427-21 # 1H & 2H / Monitoring Pressure on Memory Gauges on UL Mill 3427-21 #3HR. SI Memory Gauge at 09:43. - SICP - 3,907.
09:45	10:00	0.3	Injection Test - Flush Lateral at 85 bpm - 10,000 psi w/475 bbls Treated Wtr.
10:00	10:30	0.5	W/O Patriot WL Crew to Build 13 Cluster String.
10:30	12:45	2.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 13,957' Stg #41 From 13,944' - 13,777'. PDV - 105 BBLS. POOH - ASF, Drop Ball on Master Valve. Open Well, Pump 20 BBLS water W/Integrity Pump Down, Switched & pumped 48 BBLS 15% HCL (Titrated). Flushed W/306 BBLS. Good Ball Action. Good Acid Break. SWI. (Total Pumped = 479 BBLS.)
12:45	13:15	0.5	Grease Oilstates Isolation Tool Master Valves.
13:15	13:45	0.5	W/O Liberty Frac Crew to Repair Pumps.
13:45	16:00	2.3	Frac Stg #41, PT Treating Iron to 11,493Psi, Frac Stg w/ 11,147 BBLS Frac Fluid, LTR This Stg- 11,606 BBLS, TLTR - 483,387 BBLS. ISIP = 5,684 psi, 1-min = 5,440 psi, 100% of Prop Placed
16:00	21:00	5.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns.Stg #42. Upon Getting on Depth at 13,762' set plug. 1848# Before tension, 1690# After tension with good CCL kicks pick up to 13,749' shot gun 1. and pulled 2200#. Attempt to Pump 4,6,8 BPM. Tried Flowing on a 28/64" choke recieved CCL kicks but no Movement, attempt Pumping up to 12 BPM at 1300# of Line Tension, lost 400# of Line Tension, No CCL read. POOH with 13,715 of Wire. High Stranded at 150' Depth. Strip remaining wire, shut in well bleed off.
21:00	06:00	9.0	W/O CTU 2 5/8" for fishing operations. Open Memory Gauge and Monitor pressures while operations are being done on the 2H and 1H.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 1, 2018	**API NUMBER**	42495340760000	**REPORT #**	42
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:45	2.8	W/O CTU 2 5/8" for fishing operations. Monitor pressures on memory gauge while zipper frac operations continue on the 2H and 1H.
08:45	06:00	21.3	W/O CTU 2 5/8" for fishing operations. Monitor pressures on memory gauge while stage frac operations continue on the 2H.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 2, 2018	**API NUMBER**	42495340760000	**REPORT #**	43
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	15:00	9.0	W/O CTU 2 5/8" for fishing operations. Monitor pressures on memory gauge while stage frac operations continue on the 2H.
15:00	17:45	2.8	RD treating iron off zipper manifold & goat head, RDMO backside/test pump, 1 pump down truck & 1 frac pump, ND rig-lock, reposition crane for CT op's.
17:45	01:45	8.0	MIRU 2-5/8" CTU - NU 15 k BOP's on goat head, PU injector head & 70' lubricator.
01:45	02:30	0.8	Attach coil connector pull test to 40,000 #, MU fishing tool BHA as follows Coil Connector 2 7/8" O.D. Length-.20", Dual Flapper Check Valve 2 7/8" O.D. Length- 1.05", Bi-Dir. Oil Jar 2 7/8" O.D. , Length- 5.72", Hydraulic Disconnect 2 7/8 O.D. Length- 1.46", Indexing Tool 2 7/8 O.D. Length- 4.74", Drain Sub Crossover 3 1/8 O.D. Length- 0.7", Overshot 4 3/8 O.D. Length- 5.90"...Total Length- 19.77'. NU to wellhead.
02:30	02:45	0.3	Break circulation to FBT and PT coil and surface lines to 8,500 psi. Held 10 minutes. Good test.
02:45	03:45	1.0	SICP- 4,384 psi, RIH w/CT flowing 3/4 bpm in/ 3/4 bpm out in vertical section, circ pres- 4,200 psi, WHP- 4,100 psi, @ 2,382' we were suddenly stopped by our injector head, couldn't rih or ooh, CT mechanic needs to go up to injector. We are making phone calls to find a 125' manbasket. CT mechanic thinks the injector brake is engaging and disengaging on its own on us.
03:45	06:00	2.3	We are now able to pull slowly ooh @ 15 f/m, occasionally injector brake is engaging .
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 3, 2018	**API NUMBER**	42495340760000	**REPORT #**	44
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	07:30	1.5	We are now able to pull slowly ooh @ 15 f/m, occasionally injector brake is ingaging .
07:30	10:30	3.0	SWI 07:30 - Repair injector head, Hyd hoses installed incorrectly, Switch hoses around, Unable to determine injector head fully functional without RBIH, MU lubricator connection & equalize to SICP, Open Well.
10:30	11:30	1.0	RBIH w/2-5/8" CT & fishing BHA. CT spooled loose on reel, Corner wrap trying to jump off reel, RIH 10 fpm to 400'.
11:30	15:15	3.8	Continue RIH to 11,000' CTM - WT check 42k, 13,600' WT check 51k, 1bpm in/out, Circ 4830 psi - FCP 4200 psi, Tag 13,865' Circ Press increase to 5044 psi, RIH to 13,868' Circ 5200 psi - Set down 5k, PU to 13,861' - WT 50k Circ 4800 psi, RIH to 13,870' - Set down 15k Circ 5100 psi, PU 13,859' WT 53k - Circ 4800 psi, RIH to 13,879' Set down 14k - Circ 5200 psi, POOH.
15:15	20:00	4.8	POOH to 13,793' - WT 63k, fire jars WT 58k, RIH & set jars, PU to 13,793' - WT 66k fire jars WT 56k, RIH & set jars, PU to 13,781' - WT 65k fire jars WT 55k, RIH & set jars, PU to 13,651' - WT 65k fire jars WT 62k, RIH & set jars, POOH to 12,645' - Pipe drag - did not fire jars, Continue POOH dragging on collars.
20:00	21:00	1.0	OOH - SWI at upper master valve & bleed press off lube, Complete fish on surface w/half set WFT Shorty CFP - Setting tool stroked. WFT plug run by Patriot w/ Sclumberger Prodrill adapter sleeve. Dismantle fish and BHA.
21:00	00:00	3.0	RDMO Cretic CT.
00:00	04:15	4.3	Liberty Frac Serv hang stand pipe on oilstates frac head. Liberty back in 1 frac pump, Spot in Command center.
04:15	04:45	0.5	PT Surface lines to 11,132 psi. Equilize and open well. Slowly came up on rate to 80 BPM pumped Wellbore volume of 292 bbls plus 50 bbl overflush, Total bbls pumps- 741bbls.
04:45	06:00	1.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 13,762'. Plug Did Not Shear, Work Wire @ Report time.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 4, 2018	**API NUMBER**	42495340760000	**REPORT #**	45
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:45	2.8	Work wire & tools - PU to 2800 LTEN lbs, Pump 6 bpm down csg, No movement, Press increasing to 8500 psi, Hard SD, No Movement, Csg press leak off to 6000 psi - Shot bottom 2 guns, Pump 2 bpm - Press increase to 8800 psi, SD Pump, Csg press leak off to 4500 psi, Open Csg to FB tank on 18 ck, Tools moving / CCL reading / Addressable gun string reading, Continue POOH at 130 fpm - No drag noticed.
08:45	09:45	1.0	OOH w/complete tool string - CFP set IH on depth, 2 of 5 screws did not shear, Re-head WL, PU 11 barrel gun string & dummy plug. Injection test - 17 bpm at 9,400 psi.
09:45	12:30	2.8	RU Patriot WL Crew & RBIH w/CCL, Dummy Plug & Perf Guns. Perforate Stg #42 From 13,750' - 13,571'. PDV - 484 BBLS. POOH - ASF, Drop Ball on Master Valve.
12:30	13:15	0.8	W/O Liberty frac crew to repair pumps.
13:15	15:45	2.5	Frac Stg #42, PT Treating Iron to 11,341Psi, Frac Stg w/ 11,915 BBLS Frac Fluid, LTR This Stg- 12,399 BBLS, TLTR - 495,786 BBLS. ISIP = 5,862 psi, 1-min = 5,474 psi, 100% of Prop Placed.
15:45	17:00	1.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns, Pump down to 13,556' WLM, Attempt to arm plug - igniter not detected, PU 15' Make 2nd attempt to arm plug - igniter not detected.
17:00	18:15	1.3	POOH w/plug & live guns. PU new string.
18:15	20:45	2.5	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 13,556' Stg #43 From 13,365' - 13,540'. PDV - 164 BBLS. POOH, While pulling OOH Tension pulling abnormally heavy @ 2,500 Good indication of plug set 190# tension loss. - ASF, Drop Ball on Master Valve.
20:45	22:15	1.5	Oilstates top hydraulic valve leaking, externally at grease insert. Repair Master valve.
22:15	01:45	3.5	Frac Stg #43, PT Treating Iron to 11,401 Psi, Frac Stg w/ 13,352 BBLS Frac Fluid, LTR This Stg- 13,432 BBLS, TLTR - 509,218 BBLS. ISIP = 5.672 psi, 1-min = 5,459 psi, 100% of Prop Placed.
01:45	03:00	1.3	Repair sensor bypass on crane. Circle 8 crane mechanic on-site.
03:00	05:00	2.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 13,350' Stg #44 From 13,160' - 13,335'. PDV - 78 BBLS. POOH, - ASF, Drop Ball on Master Valve.
05:00	06:00	1.0	Frac stage #44 @ Report time.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 5, 2018	**API NUMBER**	42495340760000	**REPORT #**	46
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:00	2.0	Frac Stg #44, PT Treating Iron to 11,542 Psi, Frac Stg w/ 11,570 BBLS Frac Fluid, LTR This Stg- 11,684 BBLS, TLTR - 520,866 BBLS. ISIP = 6,189 psi, 1-min = 5,925 psi, 100% of Prop Placed.
08:00	10:15	2.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 13,145' Stg #45 From 13,130' - 12,954'. PDV - 94 BBLS. POOH, - ASF, Drop Ball on Master Valve.
10:15	11:30	1.3	W/O Oilstates to grease isolation tool master valves & c/o o-rings in upper master valve.
11:30	11:45	0.3	frac equipmet getting put in line
11:45	14:45	3.0	Frac Stg #45, PT Treating Iron to 11,224 Psi, Frac Stg w/ 11,728 BBLS Frac Fluid, LTR This Stg- 11,822 BBLS, TLTR - 532,688 BBLS. ISIP = 5,835 psi, 1-min = 5,236 psi, 100% of Prop Placed.
14:45	16:45	2.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 12,939' Stg #46 From 12,926' - 12,748'. PDV - 74 BBLS. POOH, - ASF, Drop Ball on Master Valve.
16:45	17:15	0.5	W/O Liberty frac crew to repair pumps.
17:15	20:00	2.8	Frac Stg #46, PT Treating Iron to 11,265 Psi, Frac Stg w/ 11,126 BBLS Frac Fluid, LTR This Stg- 11,200 BBLS, TLTR - 543,888 BBLS. ISIP = 5,876 psi, 1-min = 5,695 psi, 100% of Prop Placed.
20:00	22:15	2.3	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 12,733' Stg #47 From 12,542' - 12,718'. PDV - 64 BBLS. POOH, - ASF, Drop Ball on Master Valve.
22:15	00:45	2.5	Frac Stg #47, PT Treating Iron to 11,434Psi, Frac Stg w/ 10,481 BBLS Frac Fluid, LTR This Stg- 10,545 BBLS, TLTR - 554,433 BBLS. ISIP = 5,564 psi, 1-min = 5,477 psi, 100% of Prop Placed.
00:45	02:45	2.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 12,520' Stg #48 From 12,336' - 12,504'. PDV - 41 BBLS. POOH, - ASF, Drop Ball on Master Valve.
02:45	03:30	0.8	Repair Densometer.
03:30	06:00	2.5	Frac Stg #48, PT Treating Iron to 11,288Psi, Frac Stg w/ 10,781 BBLS Frac Fluid, LTR This Stg- 10,822 BBLS, TLTR - 565,256 BBLS. ISIP = 5,706 psi, 1-min = 5,473 psi, 100% of Prop Placed.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 6, 2018	**API NUMBER**	42495340760000	**REPORT #**	47
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	07:45	1.8	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 12,321' Stg #49 From 12,312' - 12,140'. PDV - 37 BBLS. POOH, - ASF, Drop Ball on Master Valve.
07:45	08:30	0.8	W/O Liberty frac crew to repair sand box forklift.
08:30	12:00	3.5	Frac Stg #49, PT Treating Iron to 11,288 Psi, Frac Stg w/ 11,820 BBLS Frac Fluid, LTR This Stg- 11,857 BBLS, TLTR - 577,112 BBLS. ISIP = 5,820 psi, 1-min = 5,227 psi, 100% of Prop Placed.
12:00	14:00	2.0	RU Patriot WL Crew. RIH w/CCL, Plug & Perf Guns. Set WFD Shorty CFP (4.375" OD) AT 12,125' Stg #50 From 12,113' - 11,946'. PDV - 24 BBLS. POOH, - ASF, Drop Ball on Master Valve.
14:00	14:30	0.5	Repair the forklift for sand
14:30	17:15	2.8	Frac Stg #50, PT Treating Iron to 11,347 Psi, Frac Stg w/ 11,299 BBLS Frac Fluid, LTR This Stg- 11,323 BBLS, TLTR - 588,336 BBLS. ISIP = 5,659 psi, 1-min = 5,262 psi,5-min.=5009psi. 10-min.=4931psi. 15-min.=4895psi. 100% of Prop Placed.
17:15	06:00	12.8	RDMO Frac & Assist.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 7, 2018	**API NUMBER**	42495340760000	**REPORT #**	48
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	15:00	9.0	RDMO Frac
15:00	06:00	15.0	WO CTP 2 5/8 CT unit.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 8, 2018	**API NUMBER**	42495340760000	**REPORT #**	49
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	WO CTP 2 5/8 CT unit
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 9, 2018	**API NUMBER**	42495340760000	**REPORT #**	1
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00			WO CTP 2 5/8 coil unit
Total Hours			

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 16, 2018	**API NUMBER**	42495340760000	**REPORT #**	2
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	11:45	5.8	HELD SAFETY MEETING WITH ALL SUPPORTING VENDORS. NU 5 1/8 MANUAL VALVE, NU 5 1/8" 15K FLOW CROSS, NU 5 1/8" CT BOPS. RU 2-5/8" CTU AND CRANE. WELD ON CC . PULL TEST CONNECTOR TO 40K, GOOD TEST. FB CLEAN FLUID SYSTEM FROM PREVIOUS OFFSET DRILL-OUTS. FUNCTION TEST MOTOR AT SURFACE - 3.8 BPM/3500 PSI. PT LUBE & FB IRON TO 7500 PSI - GOOD TEST.
11:45	12:15	0.5	MU BAKER HUGHES TOOL STRING & RIH AS FOLLOWS: O.D. I.D. LENGTH: 1 - 2.88" X 1.25" X 0.25' WELD ON COIL CONNECTOR 1 - 2.88" X 1.00" X 1.94' DUAL BACK PRESSURE VALVE 1 - 2.88" X 0.69" X 2.13' TJ HYDRAULIC DISCONNECT W/ 3/4" ACTIVATION BALL 1 - 2.88" - 2.44' TEMPRESS SCREEN SUB 1 - 2.88" - 2.69" TEMPRESS HYDROPULL EXTENDED REACH TOOL 1 - 2.88" - 12.58' X-TREME AD MOTOR 1 - 3.13" - 0.90" X 1.0' CROSSOVER 2 3/8 REG BOX X 2 3/8 PAC PIN 1 - 4.50" X 1.00" X 0.50' BORE HAUG JZ HYBRID SEALED BEARING ROCK BIT. TOTAL BHA LENGTH = 23.53'.
12:15	15:15	3.0	EQUALIZE TO SICP - 4200 PSI, RIH - 0.8 BPM IN/OUT, WT CHECK AT KOP - 11,350' CTM - 28K, CONTINUE IH - 3.5 BPM IN/OUT, CIRC - 6000 PSI/FCP - 3600 PSI, CK - 22/64.
15:15	18:30	3.3	TAG CFP #50 @ 15:14 - 12,127' CTM, (12,125' - WLM), DRILL IN 13 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3500, CIRC - 6000, NO - SAND/NO PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #49 @ 15:51 - 12,320' CTM, (12,321' - WLM), DRILL IN 19 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3500, CIRC - 6000, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #48 @ 17:11 - 12,528' CTM, (12,520' - WLM), DRILL IN 8 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3400, CIRC - 6000, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #47 @ 17:29 - 12,738' CTM, (12,733' - WLM), DRILL IN 11 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300, CIRC - 6000, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #46 @ 17:53 - 12,934' CTM, (12,939' - WLM), DRILL IN 10 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3,600, CIRC - 6,000, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #45 @ 18:18 - 13,139' CTM, (13,145' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3400, CIRC - 5700, MEDIUM - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
18:30	21:00	2.5	TAG CFP #44 @ 18:47 - 13,344' CTM, (13,344' - WLM), DRILL IN 13 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #43 @ 19:14 - 13,543' CTM, (13,556' - WLM), DRILL IN 14 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #42 @ 19:47 - 13,757' CTM, (13,762' - WLM), DRILL IN 17 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #41 @ 20:38 - 13,950' CTM, (13,957' - WLM), DRILL IN 15 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
21:00	00:00	3.0	LOWER BIT, TAG PLUG 40, PUMP 10 - 10 - 10 GEL SWEEP, 99 VIS, CIRCULATE SWEEPS OUT OF COIL TBG, PUMP 45 BBL CLEAN UP CYCLE. SHORT TRIP TO 11,300', CIRCULATING PRESSURE 5,700 PSI, WHP 3,200 PSI, HAD NO ABNORMAL DRAG ON SHORT TRIP, MEDIUM SAND.
00:00	03:30	3.5	TAG CFP #40 @ 00:00 - 14,160' CTM, (14,174' - WLM), DRILL IN 9 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300 PSI, CIRC - 5700 PSI, LIGHT - SAND/NO PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #39 @ 00:31 - 14,339' CTM, (14,356' - WLM), DRILL IN 8 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300 PSI, CIRC - 5800 PSI, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #38 @ 01:00 - 14,568' CTM, (14,571' - WLM), DRILL IN 8 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300 PSI, CIRC - 5800 PSI, LIGHT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #37 @ 02:30 - 14,745' CTM, (14,776' - WLM), DRILL IN 10 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200 PSI, CIRC - 5700 PSI, LIGHT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #36 @ 03:12 - 14,954' CTM, (14,975' - WLM), DRILL IN 14 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3,200 PSI, CIRC - 5900 PSI, MEDIUM - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
03:30	06:00	2.5	TAG CFP #35 @ 03:47 - 15,166' CTM, (15,186' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300 PSI, CIRC - 5900 PSI, LIGHT - SAND/NO PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #34 @ 04:14 - 15,367' CTM, (15,390' - WLM), DRILL IN 9 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200 PSI, CIRC - 5900 PSI, LIGHT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #33 @ 04:51 - 15,584' CTM, (15,595' - WLM), DRILL IN 12 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200 PSI, CIRC - 5700 PSI, LIGHT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #32 @ 05:21 - 15,771' CTM, (15,800' - WLM), DRILL IN 8 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200 PSI, CIRC - 5700 PSI, MEDIUM - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 17, 2018	**API NUMBER**	42495340760000	**REPORT #**	3
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	07:00	1.0	TAG CFP #31 @ 05:56 - 15,980' CTM, (16,005' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300 PSI, CIRC - 5700 PSI, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #30 @ 06:30 - 16,181' CTM, (16,210' - WLM), W/O 10-10-10 SWEEP + 75 BBLS TO CLEAR BIT.
07:00	08:30	1.5	SHORT TRIP TO 14,180' - 40 FPM, FCP - 3300 PSI, CIRC - 5700 PSI, PUMP 10 BBL SWEEP EVERY 110 BBLS/REEL CAP, LT/MED SAND, GOOD PLUG PARTS.
08:30	11:45	3.3	TAG CFP #30 @ 08:40 - 16,181' CTM, (16,210' - WLM), DRILL IN 6 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300, CIRC - 5700, NO - SAND/NO PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #29 @ 09:16 - 16,390' CTM, (16,420' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3500, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #28 @ 09:51 - 16,580' CTM, (16,610' - WLM), DRILL IN 8 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3500, CIRC - 5800, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #27 @ 10:23 - 16,798' CTM, (16,830' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3500, CIRC - 5800, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #26 @ 10:59 - 17,005' CTM, (17,036' - WLM), DRILL IN 5 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3500, CIRC - 5800, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #25 @ 11:31 - 17,210' CTM, (17,243' - WLM), DRILL IN 5 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3400, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
11:45	14:30	2.8	TAG CFP #24 @ 11:59 - 17,384' CTM, (17,421' - WLM), DRILL IN 6 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3400, CIRC - 5800, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #23 @ 12:25 - 17,562' CTM, (17,599' - WLM), DRILL IN 5 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #22 @ 12:51 - 17,773' CTM, (17,774' - WLM), DRILL IN 6 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3400, CIRC - 5800, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #21 @ 13:15 - 17,916' CTM, (17,952' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300, CIRC - 5800, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #20 @ 13:41 - 18,087' CTM, (18,125' - WLM), 3.5 - IN/OUT, 22/64 - CK, FCP - 3300, CIRC - 5800, LT - SAND/GOOD PLUG PARTS, W/O 10-10-10 SWEEP + 100 BBLS TO CLEAR BIT.
14:30	16:00	1.5	SHORT TRIP TO 16,000' - 40 FPM, FCP - 3300 PSI, CIRC - 5700 PSI, PUMP 10 BBL SWEEP EVERY 110 BBLS/REEL CAP, LT/MED - SAND, GOOD PLUG PARTS.
16:00	18:15	2.3	TAG CFP #20 @ 16:07 - 18,087' CTM, (18,125' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3400, CIRC - 5700, MED - SAND/NO PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #19 @ 16:28 - 18,258' CTM, (18,305' - WLM), DRILL IN 9 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #18 @ 16:55 - 18,441' CTM, (18,482' - WLM), DRILL IN 5 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5600, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #17 @ 17:28 - 18,632' CTM, (18,667' - WLM), DRILL IN 8 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5600, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #16 @ 17:46 - 18,857' CTM, (18,895' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #15 @ 18:02 - 18,969' CTM, (19,023' - WLM), DRILL IN 5 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3250, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
18:15	21:15	3.0	TAG CFP #14 @ 18:32 - 19,158' CTM, (19,201' - WLM), DRILL IN 4 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #13 @ 19:08 - 19,365' CTM, (19,382' - WLM), DRILL IN 6 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3100, CIRC - 5600, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #12 @ 19:37 - 19,522' CTM, (19,562' - WLM), DRILL IN 6 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5800, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #11 @ 20:20 - 19,737' CTM, (19,781' - WLM), DRILL IN 9 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300, CIRC - 5800, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
21:15	00:00	2.8	SHORT TRIP TO 18,000' - 40 FPM, FCP - 3200 PSI, CIRC - 5800 PSI, PUMP 10 BBL SWEEP EVERY 110 BBLS/REEL CAP, LT/MED - SAND, GOOD PLUG PARTS.
00:00	03:00	3.0	TAG CFP #10 @ 23:52 - 20,005' CTM, (20,000' - WLM), DRILL IN 22 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, NO - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #9 @ 00:36 - 20,219' CTM, (20,220' - WLM), DRILL IN 4 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5600, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #8 @ 01:12 - 20,398' CTM, (20,402' - WLM), DRILL IN 9 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3300, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #7 @ 01:45 - 20,584' CTM, (20,585' - WLM), DRILL IN 10 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #6 @ 02:15 - 20,765' CTM, (20,767' - WLM), DRILL IN 16 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, LIGHT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH.
03:00	05:15	2.3	TAG CFP #5 @ 02:52 - 20,945' CTM, (20,949' - WLM), DRILL IN 11 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #4 @ 03:33 - 21,132' CTM, (21,131' - WLM), DRILL IN 16 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, LT - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #3 @ 04:11 - 21,323' CTM, (21,314' - WLM), DRILL IN 13 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5700, MED - SAND/GOOD PLUG PARTS, PUMP 10 BBL SWEEP, CONTINUE WASH IH. TAG CFP #2 @ 04:50 - 21,495' CTM, (21,496' - WLM), DRILL IN 7 - MIN, 3.5 - IN/OUT, 22/64 - CK, FCP - 3200, CIRC - 5900, LT - SAND/GOOD PLUG PARTS, PUMP 10-10-10 BBL SWEEP, CONTINUE WASH IH.
05:15	06:00	0.8	WASH & LOWER BIT TO PBTD, BURST SUB, 21,692' CTM, (21,692', CSGM). PUMP 10 - 10 - 10, 100 VIS GEL SWEEP. PUMP RATE 3.5 BPM - CIRC- 5,700 PSI, RETURN RATE 3.5 BPM - WHP 3,350 PSI, 22/64" CK. CIRCULATE HOLE CLEAN.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 18, 2018	**API NUMBER**	42495340760000	**REPORT #**	4
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:15	2.3	WASH IH TO PBTD - 21,692'. PUMP 10-10-10-SWEEP/100 BBL SPACER/ 10-10-10-SWEEP, 3.5 BPM IN - CIRC- 5700 PSI, 3.5 BPM OUT - FCP 3350 PSI, 22/64" CK. LT/MED - SAND, GOOD PLUG PARTS, CIRCULATE BOTTOMS UP 2X, RETURNS CLEAN.
08:15	16:45	8.5	POOH AT 35 FPM, 3.5 BPM IN/OUT, PUMP 10 BBL SWEEP EVERY 2500', LT/MED SAND, GOOD PLUG PARTS, FCP - 3300 PSI, CIRC - 5700 PSI, PUMP & W/O 10-10-10 HEEL SWEEP TO CLEAR BIT AT 12,250', PU & CIRCULATE BOTTOMS UP AT 11,410' W/TREATED WATER - RETURNS CLEAN, CONTINUE POOH TO SURFACE.
16:45	21:00	4.3	OOH - BLEED OFF & LD DRILL-OUT BHA. BLOW CT DRY TO BUSTER TANK, RDMO CTU.
21:00	23:00	2.0	ND 5-1/8" UPPER MASTER VALVE & FLOW CROSS, NU NIGHT CAP, RDMO 3" DRILL-OUT IRON/HYD CK MANIFOLD, HAUL OFF SPENT DRILL-OUT FLUIDS
23:00	06:00	7.0	W/O MIRU WL AND OPERATIONS ON THE 1H
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 19, 2018	**API NUMBER**	42495340760000	**REPORT #**	5
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	23:00	17.0	W/O OPERATIONS ON 1H & 2H.
23:00	00:30	1.5	RU AXIO E-LINE SERVICES & PRESS CONTROL. MU CCL, 4.50" GAUGE RING & JUNK BASKET.
00:30	02:00	1.5	RIH W/4.50" GAUGE RING & JUNK BASKET TO 11,350' WLM - NO OBSTRUCTIONS NOTICED. POOH CLEAN.
02:00	02:45	0.8	LD JB & GR, PU PKR BHA.
02:45	05:45	3.0	SICP 3,000 PSI. RIH W/ROPE SOCKET, CCL, BAKER 20 SETTING SLEEVE, NICKEL COATED 2.313" X- PROFILE STINGER, NICKEL COATED W&M SERVICES 5.5 - 23#, 4.43" OD, WL SET AS1X PACKER, 4FT 2-7/8" NICKEL COATED PUP JT, NICKEL COATED XN- NIPPLE W/ 2.313" PROFILE, 2.20" NO/GO, DBL 10K CERAMIC DISC, WL ENTRY GUIDE. SET PKR AT 11,375' CORRELATED TO SHORT JOINT AT 11,331' - 11,353'. SICP 3,000 PSI. POH W/WL & SETTING TOOL. CSG PRESS BLED DOWN 3,000 TO 2,600 PSI WHILE POH. BLED CSG DOWN TO BUSTER TANK 2,600 PSI TO 0 PSI IN 2 MINS. MONITOR CSG 30 MINS-NEG TEST, PRESS REMAINED 0 PSI, NO FLOW, PKR & DISC HOLDING.
05:45	06:00	0.3	AXIO WL RDMO, WAIT ON OFFSET OPERATIONS.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 20, 2018	**API NUMBER**	42495340760000	**REPORT #**	6
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	W/O OFFSET OPERATIONS ON 1H & 2H - RUN GLV'S.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 21, 2018	**API NUMBER**	42495340760000	**REPORT #**	7
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:00	24.0	W/O OFFSET OPERATIONS ON 1H & 2H - RUN GLV'S.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 22, 2018	**API NUMBER**	42495340760000	**REPORT #**	8
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	17:30	11.5	W/O OFFSET OPERATIONS ON 2H - RUN GLV'S.
17:30	00:15	6.8	MIRU WSU, HYD CATWALK, SICP 0 PSI - BLOW CSG DOWN.
00:15	06:00	5.8	PU & RIH W/ 4 1/2" OD WM SERVICES
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	

DAILY REPORT

DATE	August 23, 2018	**API NUMBER**	42495340760000	**REPORT #**	9
WELL	UL Mill 3427-21 3HR				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	08:00	2.0	CONTINUE TO PU & RIH W/ 4 1/2" OD WM SERVICES T-2 ON-OFF TOOL, 345 JTS 2 7/8", 6.5#, L-80, EUE, 8RD TBG AND 16 GAS LIFT VALVES INSTALLED BY DESIGN. TAG & LATCH ON TO TOP OF PKR TOP AT 11,384.63' - TM. PU ON PKR - 20K, RELEASE ON-OFF TOOL FROM PKR. SPACE OUT & LAND TBG IN 19K LBS COMPRESSION W/ HH-NL RATED HANGER. RUN IN LOCKING PINS ON TBG HEAD. MONITOR CSG 30 MIN - NO FLOW/BLOW, PKR HOLDING - SI CSG. EOT = 11,398.97'.
08:00	13:30	5.5	ND 7 1/16 10K HYD BOP, 7 1/16 10K X 7 1/16 15K SPOOL & 7 1/16 15K FRAC VALVE. NU 5K PROD TREE. GE TEST TREE SEALS & VOID TO 10,000 PSI, HELD GOOD 10 MINS. RELEASE PRESSURE. REMOVE BPV FROM TBG HANGER. PT TBG TO 500 PSI, HOLD 15 MIN, GOOD TEST, BLEED PRESS OFF TBG. RDMO WSU & ALL SUPPORTING EQUIPMENT.
13:30	15:00	1.5	MIRU AXIO SLICKLINE. PRESSURE TEST LUBE TO 5000 #. HELD GOOD 5 MIN. RELEASE PRESSURE. RIH W/ 1.750 OD TWO STEP CHISEL TO 10,000'. PRESSURE TBG TO 4,000 PSI. TAG AND BUST CERAMIC DISC AT 11,383', SLM, TBG PRESSURE FELL TO 3,100 PSI. POOH W/ SLICKLINE AND 1.750 OD TWO STEP CHISEL. RDMO SLICKLINE.
15:00	06:00	15.0	TURN WELL OVER TO PRODUCTION.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	97.6	J-55	105	Welded	
Surface	13-3/8	12.150	54.5	J-55	1,597	STC	
Intermediate	10-3/4	9.950	45.5	J-55	5,466	BTC	
Intermediate 2	7-5/8	6.875	29.7	P-110	11,206	BTC	
	5-1/2	4.670	23.0	P-110	21,853	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks
Tubing Hanger	7.625				26	1	Tbg Hanger & 25' KB
Tubing	2.875		6.5	L-80	58	33	Tbg Jt
Pup Joint	2.875		6.5	L-80	66	8	Tbg Sub
Pup Joint	2.875		6.5	L-80	74	8	Tbg Sub
Pup Joint	2.875		6.5	L-80	80	6	Tbg Sub
Pup Joint	2.875		6.5	L-80	84	3	Tbg Sub
Tubing	2.875		6.5	L-80	2,368	2,285	70 Tbg Jts

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	