



DAILY REPORT

DATE	November 23, 2018	API NUMBER	42475375760000	REPORT #	14
WELL	UL Loveland 1920-17 7H				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:15	0.3	FRAC STAGE 21: RU FRAC CREW, PT FRAC LINES TO 13,565 PSI, FRAC STAGE W/, 11,017 BBLs FRAC FLUID, LTR THIS STAGE- 11,891 BBLs, TLTR - 258,153 BBLs.
06:15	06:30	0.3	WELL SWAP
06:30	09:00	2.5	R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 17,420 PERFORATE STAGE #22 FROM 17,223- 17,408. PUMP DOWN VOLUME- 335 BBLs. POOH, ALL GUNS FIRED. OPEN WELL, PUMP 20 BBLs WATER W/ VALOR PUMP TRUCK, SWITCHED TO ACID PUMPED 60 BBLs 15% HCL. FLUSHED W/ 390 BBLs WATER. GOOD RESPONSE WHEN BALL SEATED. SWI. (TOTAL PUMPED 470 BBLs
09:00	09:45	0.8	FRAC DOWN DUE TO SAFETY STOPPING THEM FROM PUTTING DEF IN TRUCKS WHILE PUMPING
09:45	11:15	1.5	FRAC STAGE 22: RU FRAC CREW, PT FRAC LINES TO 13,453 PSI, FRAC STAGE W/, 10,654 BBLs FRAC FLUID, LTR THIS STAGE- 11,553 BBLs, TLTR - 269,687 BBLs.
11:15	11:45	0.5	WELL SWAP
11:45	14:30	2.8	R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 17,208 PERFORATE STAGE #23 FROM 17,011- 17,196. PUMP DOWN VOLUME- 285 BBLs. POOH, ALL GUNS FIRE
14:30	15:00	0.5	WAIT ON OFFSET OPPS
15:00	17:45	2.8	FRAC STAGE 23: RU FRAC CREW, PT FRAC LINES TO 13,475 PSI, FRAC STAGE W/, 10,818 BBLs FRAC FLUID, LTR THIS STAGE- 11,698 BBLs, TLTR - 281,385BBLs. R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 17,208 PERFORATE STAGE #24 FROM 17,011- 17,196. PUMP DOWN VOLUME- 285 BBLs. POOH, ALL GUNS FIRE
17:45	20:30	2.8	OPEN WELL, PUMP 10 BBLs WATER W/ VALOR PUMP TRUCK, SWITCHED TO ACID PUMPED 59 BBLs 15% HCL. FLUSHED W/ 401 BBLs WATER. GOOD RESPONSE WHEN BALL SEATED. SWI. (TOTAL PUMPED 470 BBLs
20:30	20:45	0.3	WAIT ON OFF SET WELL 2H
20:45	21:30	0.8	WELL SWAP, PAYZONE GREASE WELL HEAD.
21:30	00:00	2.5	FRAC STAGE 24: RU FRAC CREW, PT FRAC LINES TO 13,500 PSI, FRAC STAGE W/, 9,653 BBLs FRAC FLUID, LTR THIS STAGE- 11,996 BBLs, TLTR - 293,381 BBLs.
00:00	02:30	2.5	R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 16,780 PERFORATE STAGE #25 FROM 16,588- 16,766. PUMP DOWN VOLUME- 284 BBLs. POOH, ALL GUNS FIRE
02:30	03:45	1.3	OPEN WELL, PUMP 10 BBLs WATER W/ VALOR PUMP TRUCK, SWITCHED TO ACID PUMPED 59 BBLs 15% HCL. FLUSHED W/ 383 BBLs WATER. GOOD RESPONSE WHEN BALL SEATED. SWI. (TOTAL PUMPED 452 BBLs
03:45	04:15	0.5	WAIT ON OFF SET WELL 2H
04:15	06:00	1.8	WELL SWAP FRACING STAGE 25 AT REPORT TIME.
Total Hours		24.0	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	94.0		93	Welded	
Surface	13-3/8	12.615	54.5	J-55	1,232	8 RD STC	Cement to surface after top job
Intermediate	10-3/4	9.950	45.5	J-55	5,098	BTC	Cement to surface (144 bbls)
Intermediate 2	7-5/8	6.875	29.7	HCL-80	10,258	ULT-SF/BTC	16 bbls. Spacer to surface on 2nd Stage
	5-1/2	4.670	23.0	P-110	21,675	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	November 24, 2018	API NUMBER	42475375760000	REPORT #	15
WELL	UL Loveland 1920-17 7H				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	06:30	0.5	CONTINUE TO FRAC STAGE 25: RU FRAC CREW, PT FRAC LINES TO 13,462 PSI, FRAC STAGE W/, 10,483 BBLs FRAC FLUID, LTR THIS STAGE- 11,728 BBLs, TLTR - 305,109 BBLs. R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 16,573 PERFORATE STAGE #26 FROM 16,376- 16,561. PUMP DOWN VOLUME- 256 BBLs. POOH. ALL GUNS FIRE OPEN WELL, PUMP 20 BBLs WATER W/ VALOR PUMP TRUCK, SWITCHED TO ACID PUMPED 60 BBLs 15% HCL. FLUSHED W/ 397 BBLs WATER. GOOD RESPONSE WHEN BALL SEATED. SWI. (TOTAL PUMPED 477 BBLs)
06:30	09:00	2.5	
09:00	09:45	0.8	WELL SWAP
09:45	12:00	2.3	FRAC STAGE 26: RU FRAC CREW, PT FRAC LINES TO 13, 429 PSI, FRAC STAGE W/, 10,289 BBLs FRAC FLUID, LTR THIS STAGE- 11,082 BBLs, TLTR - 316,191 BBLs. R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 16,361 PERFORATE STAGE #27 FROM 16,164 - 16,349. PUMP DOWN VOLUME- 249 BBLs. POOH. ALL GUNS FIRE OPEN WELL, PUMP 20 BBLs WATER W/ VALOR PUMP TRUCK, SWITCHED TO ACID PUMPED 60 BBLs 15% HCL. FLUSHED W/ 368 BBLs WATER. GOOD RESPONSE WHEN BALL SEATED. (TOTAL PUMPED 450 BBLs)
12:00	14:30	2.5	
14:30	15:15	0.8	WAIT ON OFF SET OPPS
15:15	16:15	1.0	WELL SWAP
16:15	18:15	2.0	FRAC STAGE 27: RU FRAC CREW, PT FRAC LINES TO 13,392 PSI, FRAC STAGE W/, 11,003 BBLs FRAC FLUID, LTR THIS STAGE- 11,775 BBLs, TLTR - 327,966 BBLs. R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 16,149' PERFORATE STAGE #28 FROM 15,952' - 16,136'. PUMP DOWN VOLUME- 238 BBLs. POOH. ALL GUNS FIRE OPEN WELL, PUMP 10 BBLs WATER W/ VALOR PUMP TRUCK, SWITCHED TO ACID PUMPED 55 BBLs 15% HCL. FLUSHED W/ 370 BBLs WATER. GOOD RESPONSE WHEN BALL SEATED. (TOTAL PUMPED 435 BBLs)
18:15	20:45	2.5	
20:45	21:15	0.5	WAIT ON OFF SET WELL 2H
21:15	21:45	0.5	WELL SWAP/ PAYZONE GREASE WELL HEAD
21:45	00:15	2.5	FRAC STAGE 28: RU FRAC CREW, PT FRAC LINES TO 13,525 PSI, FRAC STAGE W/, 10,769 BBLs FRAC FLUID, LTR THIS STAGE- 11,513 BBLs, TLTR - 339,479 BBLs. R/U ROYALTY WL CREW. RIH WITH CCL, SETTING TOOL & PERF GUNS. SET HALLIBURTON FAST DRILL @ 15,937' PERFORATE STAGE #29 FROM 15,740' - 15,924'. PUMP DOWN VOLUME- 224 BBLs. POOH. ALL GUNS FIRE OPEN WELL, PUMP 10 BBLs WATER W/ VALOR PUMP TRUCK, SWITCHED TO ACID PUMPED 57 BBLs 15% HCL. FLUSHED W/ 373 BBLs WATER. GOOD RESPONSE WHEN BALL SEATED. (TOTAL PUMPED 440 BBLs)
00:15	02:30	2.3	
02:30	03:30	1.0	WAIT ON OFF SET WELL 2H
03:30	04:00	0.5	WELL SWAP
04:00	06:00	2.0	FRACING STAGE 29 AT REPORT TIME.
Total Hours		24.0	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	94.0		93	Welded	
Surface	13-3/8	12.615	54.5	J-55	1,232	8 RD STC	Cement to surface after top job
Intermediate	10-3/4	9.950	45.5	J-55	5,098	BTC	Cement to surface (144 bbls)
Intermediate 2	7-5/8	6.875	29.7	HCL-80	10,258	ULT-SF/BTC	16 bbls. Spacer to surface on 2nd Stage
	5-1/2	4.670	23.0	P-110	21,675	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic		BOP Test Due		Accidents	
Last BOP Test					



DAILY REPORT

DATE	December 29, 2018	API NUMBER	42475375760000	REPORT #	3
WELL	UL Loveland 1920-17 7H				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	Description
06:00	07:00	1.0	HELD SAFETY MEETING WITH ALL SUPPORTING VENDORS. CONTINUE TO LOWER BIT TAG PLUG 38, @ 13,890' (13,990' WLM). CONTINUE PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.6 BPM, WHP 3,500 PSI, CIRCULATING PRESS 5,600 PSI, MED TO HEAVY SAND, PUMP 10 BBL 97 VIS GEL SWEEP. LOWER BIT, TAG PLUG 37 @ 14,069' (14,179' WLM). CONTINUE PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.6 BPM, WHP 3,400 PSI, CIRCULATING PRESS 5,600 PSI, HEAVY SAND, PUMP 10 BBL 96 VIS GEL SWEEP.
07:00	09:45	2.8	LOWER BIT, TAG PLUG 36, SEND 10-10-10 & 100BBL FRESH WATER, SHORT TRIP TO 10,300', CONTINUE PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.6 BPM, WHP 3,400 PSI, CIRCULATING PRESS 5,600 PSI, HEAVY SAND.
09:45	12:30	2.8	LOWER BIT, TAG PLUG 36 @ 14,245' CTM, (14,179' WLM), DRILLED IN 6 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,600 PSI, HEAVY SAND, PUMP 10 BBL 98 VIS GEL SWEEP. LOWER BIT, TAG PLUG 35 @ 14,438' CTM, (14,556' WLM), DRILLED IN 5 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,600 PSI, HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP. LOWER BIT, TAG PLUG 34 @ 14,626' CTM, (14,745' WLM), DRILLED IN 4 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,700 PSI, HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP.
12:30	13:00	0.5	LOWER BIT, TAG PLUG 33 @ 14,815' CTM, (14,934' WLM), DRILLED IN 4 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,700 PSI, HEAVY SAND, PUMP 10 BBL 96 VIS GEL SWEEP.
13:00	14:15	1.3	LOWER BIT, TAG PLUG 32 @ 15,002' CTM, (15,123' WLM), DRILLED IN 5 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,700 PSI, HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP.
14:15	16:30	2.3	LOWER BIT, TAG PLUG 31 @ 15,189' CTM, (15,311' WLM), DRILLED IN 3 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.6 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,800 PSI, HEAVY SAND, PUMP 10 BBL 98 VIS GEL SWEEP. LOWER BIT TO TAG PLUG 30 NO SHOW, (15,123' WLM), CONTINUE PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,800 PSI, HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP. LOWER BIT TO TAG PLUG 29 NO SHOW, (15,729' WLM), CONTINUE PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,800 PSI, HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP.
16:30	19:00	2.5	LOWER BIT TO TAG PLUG 28 NO SHOW (15,973' WLM), CONTINUE PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,800 PSI, HEAVY SAND, PUMP 10 BBL 96 VIS GEL SWEEP. LOWER BIT, TAG PLUG 27 @ 16,027' CTM, (16,149' WLM), DRILLED IN 3 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,700 PSI, CIRCULATING PRESS 5,800 PSI, HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP. PU 500', RIH CONTINUE DRILLING PLUGS
19:00	21:00	2.0	LOWER BIT, TAG PLUG 26 @ 16,236' CTM, (16,364' WLM), DRILLED IN 3 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,500 PSI, CIRCULATING PRESS 5,900 PSI, MED/HEAVY SAND, PUMP 10 BBL 97 VIS GEL SWEEP. LOWER BIT, TAG PLUG 25 @ 16,444' CTM, (16,573' WLM), DRILLED IN 6 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 5,900 PSI, MED/HEAVY SAND, PUMP 10 BBL 98 VIS GEL SWEEP. LOWER BIT, TAG PLUG 24 @ 16,649' CTM, (16,780' WLM), DRILLED IN 2 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 5,900 PSI, MED/HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP.
21:00	23:00	2.0	LOWER BIT, TAG PLUG 23 @ 16,869' CTM, (16,996' WLM), DRILLED IN 5 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 6,000 PSI, MED/HEAVY SAND, PUMP 10 BBL 98 VIS GEL SWEEP. LOWER BIT, TAG PLUG 22 @ 17,083' CTM, (17,208' WLM), DRILLED IN 5 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 5,800 PSI, MED/HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP. PU 500', RIH CONTINUE DRILLING PLUGS
23:00	01:30	2.5	LOWER BIT, TAG PLUG 21 @ 17,287' CTM, (17,420' WLM), DRILLED IN 4 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 5,900 PSI, MEDIUM SAND, PUMP 10 BBL 97 VIS GEL SWEEP. LOWER BIT, TAG PLUG 20 @ 17,483' CTM, (17,615' WLM), DRILLED IN 6 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 5,900 PSI, MEDIUM SAND, PUMP 10 BBL 98 VIS GEL SWEEP. LOWER BIT, TAG PLUG 19 @ 17,680' CTM, (17,810' WLM), DRILLED IN 4 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 5,900 PSI, MED/HEAVY SAND, PUMP 10 BBL 99 VIS GEL SWEEP. LOWER BIT, TAG PLUG 18 @ 17,873' CTM, (18,005' WLM), DRILLED IN 5 MIN, PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.8 BPM, WHP 3,600 PSI, CIRCULATING PRESS 6,000 PSI, MED/HEAVY SAND, PUMP 10 BBL 96 VIS GEL SWEEP.
01:30	06:00	4.5	SHORT TRIP TO 14,500', CONTINUE PUMPING 3.5 BPM, 22/64 CK, RETURNS 3.6 BPM, WHP 3,600 PSI, CIRCULATING PRESS 6,000 PSI, CONTINUE TO RIH FROM ST TO PLUG 17 AT REPORT TIME
Total Hours		24.0	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	94.0		93	Welded	
Surface	13-3/8	12.615	54.5	J-55	1,232	8 RD STC	Cement to surface after top job
Intermediate	10-3/4	9.950	45.5	J-55	5,098	BTC	Cement to surface (144 bbls)
Intermediate 2	7-5/8	6.875	29.7	HCL-80	10,258	ULT-SF/BTC	16 bbls. Spacer to surface on 2nd Stage
	5-1/2	4.670	23.0	P-110	21,675	GeoConn	

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic	
Last BOP Test	BOP Test Due
	Accidents

