

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/21/2018

Daily Completion Report

RPT NO 12	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO OPP_Frac_01	TMD --	TVD --	COMPLETION START DATE 5/8/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Frac stages 22,23,24.	KB ELEV 2,791.0 usft	REPORT DESCRIPTION STIMULATION				
24 HR FORECAST Continue Frac Operations.	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				
WELL DIRECTIONS						

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 08:45	2.75	Wireline Ops	NPT Weather	PJSM SD due to 40 to 50 mph wind		
08:45 - 11:00	2.25	Wireline Ops	Plug & Perf - Frac Ops	Stage 22 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 4680 psi , RIH w/ 2 3/4" 8 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug, RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 16 bpm @ 6400 psi , 350 FPM , Spot & Set Diamond Back Ball drop plug at 18,563' , Lost 425# on Line tension. PU and fire gun #1 18,545' - 18,546' , 6 shots , PU & Fire Gun #2 @ 18,512' - 18,513' , 6 shots , PU and Fire gun #3 @ 18,479' - 18,480' , 5 shots , PU and Fire gun #4 @ 18,446' - 18,447' , 5 shots , PU & Fire Gun #5 @ 18,412'-18,413' , 5 Shots, PU & Fire Gun #6 @ 18,379'-18,380' , 5 Shots. PU & Fire Gun #7 @ 18,346'-18,347' , 4 Shots, PU & Fire Gun #8 @ 18,313'-18,314' , 4 Shots. POOH , (All Scalloped perf guns ,2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 16 bpm , Max Pressure 6445 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on lower master valve.		
11:00 - 11:30	0.50	Frac NPT	NPT Greasing Valves	Grease frac stack		
11:30 - 15:15	3.75	Frac Ops	Pumping	Stage #22 Frac: Oper Well Up SICP-4583 PSI. Pumped 4000 gals 15% HCL , 608,705 gals of Slickwater w/ 174,260 lbs of 100 mesh , 367,620 lbs 40/70 White , Linear Gel 1500 gals. Max psi: 9130 psi , Avg Psi: 8742 psi , Max rate 80.1 bpm , Avg rate 76.3 bpm , 0.90 Frac Gradient , Approx. load to recover 14,634 bbls , ISIP 5535 psi , 5 min. 5241 psi , 10 min. 5161 psi , 15 min 5114 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi		
15:15 - 16:00	0.75	Frac NPT	NPT Missile/Iron	Replace 2" dtop valve.		
16:00 - 18:15	2.25	Wireline Ops	Plug & Perf - Frac Ops	Stage 23 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 4980 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug, RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6400 psi , 336 FPM , Spot & Set Diamond Back Ball drop plug at 18,297' , Lost 500# on Line tension. PU and fire gun #1 18,279' - 18,280' , 8 shots , PU & Fire Gun #2 @ 18,246' - 18,247' , 8 shots , PU and Fire gun #3 @ 18,213' - 18,214' , 6 shots , PU and Fire gun #4 @ 18,180' - 18,181' , 6 shots , PU & Fire Gun #5 @ 18,146'-18,147' , 6 Shots, PU & Fire Gun #6 @ 18,113'-18,114' , 6 Shots. POOH , (All Scalloped perf guns ,2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6430 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master valve.		
18:15 - 22:30	4.25	Frac Ops	Pumping	PJSM. Stage #23 Frac: Oper Well Up SICP-4826 PSI. Pumped 4000 gals 15% HCL , 488,284 gals of Slickwater w/ 126,700 lbs of 100 mesh , 274,460 lbs 40/70 White , Linear Gel 70,938 gals. Max psi: 9317 psi , Avg Psi: 8697 psi , Max rate 74.4 bpm , Avg rate 64.2 bpm , 0.92 Frac Gradient , Approx. load to recover 13,416 bbls , ISIP 5733 psi , 5 min. 5219 psi , 10 min. 5110 psi , 15 min 5050 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1340 psi		
22:30 - 01:00	2.50	Wireline Ops	Plug & Perf - Frac Ops	Stage 24 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5009 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug, RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6300 psi , 330 FPM , Spot & Set Diamond Back Ball drop plug at 18,097' , Lost 290# on Line tension. PU and fire gun #1 18,080' - 18,081' , 8 shots , PU & Fire Gun #2 @ 18,047' - 18,048' , 8 shots , PU and Fire gun #3 @ 18,016' - 18,017' , 6 shots , PU and Fire gun #4 @ 17,980' - 17,981' , 6 shots , PU & Fire Gun #5 @ 17,947'-17,948' , 6 Shots, PU & Fire Gun #6 @ 17,920'-17,921' , 6 Shots. POOH , (All Scalloped perf guns ,2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6520 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master valve		
01:00 - 04:15	3.25	Frac Ops	Pumping	Stage #24 Frac: Oper Well Up SICP-4825 PSI. Pumped 4000 gals 15% HCL , 467,469 gals of Slickwater w/ 127,300 lbs of 100 mesh , 277,720 lbs 40/70 White , Linear Gel 7182 gals. Max psi: 9138 psi , Avg Psi: 8777 psi , Max rate 80.0 bpm , Avg rate 76.9 bpm , 0.90 Frac Gradient , Approx. load to recover 11,396 bbls , ISIP 5499 psi , 5 min. 5179 psi , 10 min. 5126 psi , 15 min 5096 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1340 psi		
04:15 - 06:00	1.75	Wireline Ops	Plug & Perf - Frac Ops	Stage 25 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5087 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 5900 psi , 330 FPM , Spot & Set Diamond Back Ball drop plug at 17,898' , Lost 360# on Line tension. PU and fire gun #1 17,880' - 17,881' , 8 shots , PU & Fire Gun #2 @ 17,847' - 17,848' , 8 shots , PU and Fire gun #3 @ 17,814' - 17,815' , 6 shots , PU and Fire gun #4 @ 17,781' - 17,782' , 6 shots , PU & Fire Gun #5 @ 17,747'-17,748' , 6 Shots, PU & Fire Gun #6 @ 17,714'-17,715' , 6 Shots. POOH , (All Scalloped perf guns ,2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6267 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master valve.		

COMMENT:

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/22/2018

Daily Completion Report

RPT NO 13	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO OPP_Frac_01	TMD --	TVD --	COMPLETION START DATE 5/8/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Frac stgs #25, #26, #27, #28,	KB ELEV 2,791.0 usft	REPORT DESCRIPTION STIMULATION				
24 HR FORECAST Cont frac ops	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				
WELL DIRECTIONS						

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 07:00	1.00	Wireline Ops	Plug & Perf - Frac Ops	PJSM. Cont OOH. LD guns verify all shots fired. Drop 1" 1.9 Sp. Gr ball on top of upper master.		
07:00 - 10:15	3.25	Frac Ops	Pumping	Stage #25 Frac: Oper Well Up SICP-4946 PSI. Pumped 4000 gals 15% HCL , 471,252 gals of Slickwater w/ 126,000 lbs of 100 mesh , 277,360 lbs 40/70 White , Linear Gel 1500 gals. Max psi: 9103 psi , Avg Psi: 8734 psi , Max rate 82.0 bpm , Avg rate 78.2 bpm , 0.89 Frac Gradient , Approx. load to recover 11,352 bbls , ISIP 5404 psi , 5 min. 5175 psi , 10 min. 5116 psi , 15 min 5085 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1340 psi		
10:15 - 13:00	2.75	Wireline Ops	Plug & Perf - Frac Ops	Stage 26 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5100 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6900 psi , 310 FPM , Spot & Set Diamond Back Ball drop plug at 17,698' , Lost 310# on Line tension. PU and fire gun #1 17,681' - 17,682' , 8 shots , PU & Fire Gun #2 @ 17,648' - 17,649' , 8 shots , PU and Fire gun #3 @ 17,614' - 17,615' , 6 shots , PU and Fire gun #4 @ 17,581' - 17,582' , 6 shots , PU & Fire Gun #5 @ 17,550'-17,551' , 6 Shots , PU & Fire Gun #6 @ 17,520'-17,521' , 6 Shots. POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6920 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on lower master valve. Grease stack.		
13:00 - 16:00	3.00	Frac Ops	Pumping	Stage #26 Frac: Oper Well Up SICP-4859 PSI. Pumped 4000 gals 15% HCL , 457,816 gals of Slickwater w/ 126,280 lbs of 100 mesh , 275,320 lbs 40/70 White , Linear Gel 2000 gals. Max psi: 9055 psi , Avg Psi: 8702 psi , Max rate 80.8 bpm , Avg rate 78.9 bpm , 0.90 Frac Gradient , Approx. load to recover 11,048 bbls , ISIP 5463 psi , 5 min. 5244 psi , 10 min. 5202 psi , 15 min 5179 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1410 psi		
16:00 - 18:00	2.00	Wireline Ops	Plug & Perf - Frac Ops	Stage 27 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5150 psi , RIH w/ 2 3/4" 4 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6400 psi , 300 FPM , Spot & Set Diamond Back Ball drop plug at 17,504' , Lost 260# on Line tension. PU and fire gun #1 17,481' - 17,482' , 11 shots , PU & Fire Gun #2 @ 17,448' - 17,449' , 10 shots , PU and Fire gun #3 @ 17,415' - 17,416' , 10 shots , PU and Fire gun #4 @ 17,382' - 17,383' , 9 shots , POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6433 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master.		
18:00 - 20:30	2.50	Frac Ops	Pumping	PJSM // Start Stage #27 Frac: Oper Well Up SICP-5045 PSI. Pumped 4000 gals 15% HCL , 334,236 gals of Slickwater w/ 83,200 lbs of 100 mesh , 181,980 lbs 40/70 White , Linear Gel 3,486 gals. Max psi: 9257 psi , Avg Psi: 8790 psi , Max rate 80.2 bpm , Avg rate 78.8 bpm , 0.90 Frac Gradient , Approx. load to recover 8,121 bbls , ISIP 5513 psi , 5 min. 5236 psi , 10 min. 5178 psi , 15 min 5153 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1460 psi		
20:30 - 22:45	2.25	Wireline Ops	Plug & Perf - Frac Ops	Stage 28 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5075 psi , RIH w/ 2 3/4" 4 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 15 bpm @ 6100 psi , 300 FPM , Spot & Set Diamond Back Ball drop plug at 17,366' , Lost 340# on Line tension. PU and fire gun #1 17,348' - 17,349' , 11 shots , PU & Fire Gun #2 @ 17,316' - 17,317' , 10 shots , PU and Fire gun #3 @ 17,282' - 17,283' , 10 shots , PU and Fire gun #4 @ 17,249' - 17,250' , 9 shots , POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 15 bpm , Max Pressure 6353 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on lower master.		
22:45 - 23:15	0.50	Other	NPT Greasing Valves	Grease Frac Stack.		
23:15 - 01:45	2.50	Frac Ops	Pumping	Start Stage #28 Frac: Oper Well Up SICP-4940 PSI. Pumped 4000 gals 15% HCL , 344,241 gals of Slickwater w/ 82,700 lbs of 100 mesh , 183,820 lbs 40/70 White , Linear Gel 2,352 gals. Max psi: 9499 psi , Avg Psi: 8826 psi , Max rate 80.6 bpm , Avg rate 75.8 bpm , 0.90 Frac Gradient , Approx. load to recover 8,371 bbls , ISIP 5572 psi , 5 min. 5191 psi , 10 min. 5136 psi , 15 min 5105 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1450 psi		
01:45 - 04:30	2.75	Wireline Ops	Plug & Perf - Frac Ops	Stage 29 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5093 psi , RIH w/ 2 3/4" 4 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 15 bpm @ 6640 psi , 300 FPM , Spot & Set Diamond Back Ball drop plug at 17,233' , Lost 300# on Line tension. PU and fire gun #1 17,215' - 17,216' , 11 shots , PU & Fire Gun #2 @ 17,182' - 17,183' , 10 shots , PU and Fire gun #3 @ 17,149' - 17,150' , 10 shots , PU and Fire gun #4 @ 17,116' - 17,117' , 9 shots , POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 15 bpm , Max Pressure 6747 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master.		
04:30 - 05:30	1.00	Frac NPT	NPT Data Van	Backing up files to server.		
05:30 - 06:00	0.50	Frac Ops	Pumping	Start stage 29 Frac Open Well SICP-4807 psi.		

COMMENT:

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

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Well ID: 18233

Report Date: 05/23/2018

Daily Completion Report

RPT NO 14	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO OPP_Frac_01	TMD --	TVD --	COMPLETION START DATE 5/8/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Frac stg #29,#30, #31,#32, Start stage #33.	KB ELEV 2,791.0 usft	REPORT DESCRIPTION STIMULATION				
24 HR FORECAST Cont frac ops	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				
WELL DIRECTIONS						

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 07:45	1.75	Frac Ops	Pumping	Start Stage #29 Frac: Open Well Up SICP-4807 PSI. // PJSM // Pumped 4000 gals 15% HCL , 329,251 gals of Slickwater w/ 82,250 lbs of 100 mesh , 180,880 lbs 40/70 White , Linear Gel 4,180 gals. Max psi: 9184 psi , Avg Psi: 8792 psi , Max rate 79.7 bpm , Avg rate 76.9 bpm , 0.90 Frac Gradient , Approx. load to recover 8,040 bbls , ISIP 5472 psi , 5 min. 5239 psi , 10 min. 5196 psi , 15 min 5172 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1440 psi		
07:45 - 10:30	2.75	Wireline Ops	Plug & Perf - Frac Ops	Stage 30 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5125 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6700 psi , 260 FPM , Spot & Set Diamond Back Ball drop plug at 17,100' , Lost 332# on Line tension. PU and fire gun #1 17,082' - 17,083' , 8 shots , PU & Fire Gun #2 @ 17,049' - 17,050' , 8 shots , PU and Fire gun #3 @ 17,014' - 17,015' , 6 shots , PU and Fire gun #4 @ 16,983' - 16,984' , 6 shots , PU & Fire Gun #5 @ 16,949'-16,950' , 6 Shots , PU & Fire Gun #6 @ 16,916'-16,917' , 6 Shots. POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6773 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master valve		
10:30 - 14:00	3.50	Frac Ops	Pumping	Start Stage #30 Frac: Open Well Up SICP-5033 PSI. Pumped 4000 gals 15% HCL , 516,687 gals of Slickwater w/ 126,635 lbs of 100 mesh , 275,800 lbs 40/70 White , Linear Gel 3,307 gals. Max psi: 9618 psi , Avg Psi: 8660 psi , Max rate 78.0 bpm , Avg rate 76.0 bpm , 0.90 Frac Gradient , Approx. load to recover 12,473 bbls , ISIP 5569 psi , 5 min. 5298 psi , 10 min. 5230 psi , 15 min 5195 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi		
14:00 - 16:45	2.75	Wireline Ops	Plug & Perf - Frac Ops	Stage 31 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5195 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6550 psi , 275 FPM , Spot & Set Diamond Back Ball drop plug at 16,900' , Lost 440# on Line tension. PU and fire gun #1 17,883' - 16,884' , 8 shots , PU & Fire Gun #2 @ 16,850' - 16,851' , 8 shots , PU and Fire gun #3 @ 16,816' - 16,817' , 6 shots , PU and Fire gun #4 @ 16,783' - 16,784' , 6 shots , PU & Fire Gun #5 @ 16,750'-16,751' , 6 Shots , PU & Fire Gun #6 @ 16,717'-16,718' , 6 Shots. POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6600 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master valve		
16:45 - 17:15	0.50	Frac NPT	NPT Greasing Valves	Grease frac stack.		
17:15 - 20:15	3.00	Frac Ops	Pumping	Start Stage #31 Frac: Open Well Up SICP-4985 PSI. // PJSM // Pumped 4000 gals 15% HCL , 465,991 gals of Slickwater w/ 126,200 lbs of 100 mesh , 273,240 lbs 40/70 White , Linear Gel 4,452 gals. Max psi: 9109 psi , Avg Psi: 8715 psi , Max rate 80.5 bpm , Avg rate 78.1 bpm , 0.91 Frac Gradient , Approx. load to recover 11,301 bbls , ISIP 5661 psi , 5 min. 5270 psi , 10 min. 5200 psi , 15 min 5164 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi.		
20:15 - 23:00	2.75	Wireline Ops	Plug & Perf - Frac Ops	Stage 32 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5038 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 16 bpm @ 5870 psi , 300 FPM , Spot & Set Diamond Back Ball drop plug at 16,701' , Lost 280# on Line tension. PU and fire gun #1 16,683' - 16,684' , 8 shots , PU & Fire Gun #2 @ 16,650' - 16,651' , 8 shots , PU and Fire gun #3 @ 16,617' - 16,618' , 6 shots , PU and Fire gun #4 @ 16,584' - 16,585' , 6 shots , PU & Fire Gun #5 @ 16,555'-16,556' , 6 Shots , PU & Fire Gun #6 @ 16,517'-16,518' , 6 Shots. POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 16 bpm , Max Pressure 6235 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master valve.		
23:00 - 02:15	3.25	Frac Ops	Pumping	Stage #32 Frac: Open Well Up SICP-4936 PSI. Pumped 4000 gals 15% HCL , 463,621 gals of Slickwater w/ 130,000 lbs of 100 mesh , 271,720 lbs 40/70 White , Linear Gel 3486 gals. Max psi: 9222 psi , Avg Psi: 8881 psi , Max rate 80.7 bpm , Avg rate 77.8 bpm , 0.91 Frac Gradient , Approx. load to recover 11,497 bbls , ISIP 5594 psi , 5 min. 5302 psi , 10 min. 5260 psi , 15 min 5207 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1450 psi.		
02:15 - 04:45	2.50	Wireline Ops	Plug & Perf - Frac Ops	Stage 33 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5029 psi , RIH w/ 2 3/4" 8 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 15 bpm @ 6480 psi , 320 FPM , Spot & Set Diamond Back Ball drop plug at 16,498' , Lost 335# on Line tension. PU and fire gun #1 16,484' - 16,485' , 6 shots , PU & Fire Gun #2 @ 16,451' - 16,452' , 6 shots , PU and Fire gun #3 @ 16,417' - 16,418' , 5 shots , PU and Fire gun #4 @ 16,384' - 16,385' , 5 shots , PU & Fire Gun #5 @ 16,351'-16,352' , 5 Shots , PU & Fire Gun #6 @ 16,321'-16,322' , 6 Shots. PU Fire gun #7 @ 16,284'- 16,285' , 4 shots , PU Fire gun #8 @ 16,251'-16,252' , 4 Shots. POOH , (All Scalloped perf guns , 2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 15 bpm , Max Pressure 6529 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on upper master valve.		
04:45 - 06:00	1.25	Frac Ops	Pumping	Start Stage #33 Frac: Open Well Up SICP-4942 PSI		



UL 21 Bighorn 4H-Sidetrack 1

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Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 05/23/2018

Daily Completion Report

COMMENT:

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/24/2018

Daily Completion Report

RPT NO 15	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO OPP_Frac_01	TMD --	TVD --	COMPLETION START DATE 5/8/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Frac stg #36.	KB ELEV 2,791.0 usft	REPORT DESCRIPTION STIMULATION				
24 HR FORECAST Cont frac opps	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 08:15	2.25	Frac Ops	Pumping	PJSM. // Stage #33 Frac: Open Well Up SICP-4942 PSI. Pumped 4000 gals 15% HCL , 599,845 gals of Slickwater w/ 168,020 lbs of 100 mesh , 366,480 lbs 40/70 White , Linear Gel 6687 gals. Max psi: 9651 psi , Avg Psi: 8862 psi , Max rate 86.2 bpm , Avg rate 82.3 bpm , 0.90 Frac Gradient , Approx. load to recover 14,539 bbls , ISIP 5565 psi , 5 min. 5351 psi , 10 min. 5285 psi , 15 min 5251 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi.		
08:15 - 11:15	3.00	Wireline Ops	Plug & Perf - Frac Ops	Stage 34 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5200 psi , RIH w/ 2 3/4" 8 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6200 psi , 285 FPM , Spot & Set Diamond Back Ball drop plug at 16,235' , Lost 200# on Line tension. PU and fire gun #1 16,218' - 16,219' , 6 shots , PU & Fire Gun #2 @ 16,185' - 16,186' , 6 shots , PU and Fire gun #3 @ 16,151' - 16,152' , 5 shots , PU and Fire gun #4 @ 16,118' - 16,119' , 5 shots , PU & Fire Gun #5 @ 16,080'-16,081' , 5 Shots , PU & Fire Gun #6 @ 16,052'-16,053' , 6 Shots. PU Fire gun #7 @ 16,018'- 16,019' , 4 shots , PU Fire gun #8 @ 15,985'-15,986' , 4 Shots. POOH , (All Scalloped perf guns ,2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6250 psi. LD guns, verified all shots fired, 40 holes. Load 1" 1.9 Sp. Gr. Ball on lower master valve.		
11:15 - 12:00	0.75	Frac NPT	NPT Greasing Valves	LD WL lube & grease frac stack.		
12:00 - 15:30	3.50	Frac Ops	Pumping	Stage #34 Frac: Open Well Up SICP-5067 PSI. Pumped 4000 gals 15% HCL , 632,088 gals of Slickwater w/ 168,205 lbs of 100 mesh , 368,100 lbs 40/70 White , Linear Gel 5850 gals. Max psi: 9399 psi , Avg Psi: 8769 psi , Max rate 85.0 bpm , Avg rate 81.1 bpm , 0.91 Frac Gradient , Approx. load to recover 15,289 bbls , ISIP 5620 psi , 5 min. 5403 psi , 10 min. 5351 psi , 15 min 5322 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1440 psi.		
15:30 - 18:30	3.00	Wireline Ops	Plug & Perf - Frac Ops	Stage 35 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5300 psi , RIH w/ 2 3/4" 8 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 17 bpm @ 6310 psi , 300 FPM , Spot & Set Diamond Back Ball drop plug at 15,969' , Lost 470# on Line tension. PU and fire gun #1 15,952' - 15,953' , 6 shots , PU & Fire Gun #2 @ 15,919' - 15,920' , 6 shots , PU and Fire gun #3 @ 15,885' - 15,886' , 5 shots , PU and Fire gun #4 @ 15,852' - 15,853' , 5 shots , PU & Fire Gun #5 @ 15,819'-15,820' , 5 Shots , PU & Fire Gun #6 @ 15,786'-15,787' , 6 Shots. PU Fire gun #7 @ 15,752'- 15,753' , 4 shots , PU Fire gun #8 @ 15,719'-15,720' , 4 Shots. POOH , (All Scalloped perf guns ,2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 17 bpm , Max Pressure 6374 psi.		
18:30 - 21:00	2.50	Wireline Ops	NPT Weather	PJSM. // SD due to lightening & high wind.		
21:00 - 21:30	0.50	Wireline Ops	Plug & Perf - Frac Ops	Finish POOH. Load ball on upper master. Re-head.		
21:30 - 01:15	3.75	Frac Ops	Pumping	Stage #35 Frac: Open Well Up SICP-4937 PSI. Pumped 4000 gals 15% HCL , 570,851 gals of Slickwater w/ 160,080 lbs of 100 mesh , 364,420 lbs 40/70 White , Linear Gel 29,064 gals. Max psi: 9228 psi , Avg Psi: 8822 psi , Max rate 87.2 bpm , Avg rate 82.3 bpm , 0.92 Frac Gradient , Approx. load to recover 14,374 bbls , ISIP 5719 psi , 5 min. 5301 psi , 10 min. 5231 psi , 15 min 5196 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1320 psi.		
01:15 - 03:45	2.50	Wireline Ops	Plug & Perf - Frac Ops	Stage 36 Pumpdown: Test Lube to 9500 psi , Open well w/ SICP 5120 psi , RIH w/ 2 3/4" 6 cluster guns , 4 1/2" 13.5 # Diamond Back ball drop frac plug. RIH and get on depth with MJ 11,024'-11,046' , RIH and pumpdown at 15 bpm @ 6150 psi , 300 FPM , Spot & Set Diamond Back Ball drop plug at 15,703' , Lost 240# on Line tension. PU and fire gun #1 15,686' - 15,687' , 8 shots , PU & Fire Gun #2 @ 15,653' - 15,654' , 8 shots , PU and Fire gun #3 @ 15,619' - 15,620' , 6 shots , PU and Fire gun #4 @ 15,586' - 15,587' , 6 shots , PU & Fire Gun #5 @ 15,553'-15,554' , 6 Shots , PU & Fire Gun #6 @ 15,520'-15,521' , 6 Shots. POOH , (All Scalloped perf guns ,2 3/4" , 6 SPF , 60 Degree phasing , 19 gram charges , .039 EHD) Max Rate 15 bpm , Max Pressure 6173 psi. 207 bbls pumped.		
03:45 - 06:00	2.25	Frac Ops	Pumping	Start stage 36 Frac. OWU SICP-4837 psi.		

COMMENT:

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/25/2018

Daily Completion Report

RPT NO 16	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO OPP_Frac_01	TMD --	TVD --	COMPLETION START DATE 5/8/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Pumping Treatment for Stage #40	KB ELEV 2,791.0 usft	REPORT DESCRIPTION STIMULATION				
24 HR FORECAST Cont. P&P Frac Ops	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				
WELL DIRECTIONS						

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 06:55	0.92	Frac Ops	Pumping	*Cont. from Previous Report*		
				Stage #36 Frac: Open Well Up SICP-4937 PSI. Pumped 4000 gals 15% HCL , 437,075 gals of Slickwater w/ 127,240 lbs of 100 mesh , 273,220 lbs 40/70 White , Linear Gel 43134 gals. Max psi: 9283psi , Avg Psi: 8684 psi , Max rate 84 bpm , Avg rate 78.4 bpm , 0.91 Frac Gradient , Approx. load to recover 11534 bbls , ISIP 5684 psi , 5 min. 5301 psi , 10 min. 5250 psi , 15 min 5219 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi.		
06:55 - 09:45	2.83	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9500PSI - GOOD		
				Stage - 37 Perforate RIH with SLB DiamondBack 3.44" CBP and 4 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 330 ft/min (5800 psi @ 15 BPM) Set Ball Drop CFP @ 15504' Perforate @ 15486' - 11 Shots, 15451' - 10 Shots, 15420' - 10 Shots, 15387' - 9 Shots Pumped 294 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
09:45 - 10:45	1.00	Frac Ops	NPT Greasing Valves	Shut in Botton Master after WL Run for Stage #37 Grease Frac Tree		
10:45 - 12:05	1.33	Frac NPT	NPT HHP	HES completed Pump Maint during WL, Begin to Prime up HHP and Found Leak on CVA. Bleed down and Replace Insert, complete Prime Up. Pressure Test - GOOD		
12:05 - 14:10	2.08	Frac Ops	Pumping	Frac Stage #37		
				Frac: Open Well Up SICP-4940 PSI. Pumped 4000 gals 15% HCL , 335,458 gals of Slickwater w/ 84600 lbs of 100 mesh , 183020 lbs 40/70 White , Linear Gel 2267 gals. Max psi: 9111psi , Avg Psi: 8766 psi , Max rate 83.3 bpm , Avg rate 79.5 bpm , 0.90 Frac Gradient , Approx. load to recover 8148 bbls , ISIP 5572 psi , 5 min. 5344 psi , 10 min. 5283 psi , 15 min 5252 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi.		
14:10 - 17:30	3.33	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9500PSI - GOOD		
				Stage - 38 Perforate RIH with SLB DiamondBack 3.44" CBP and 4 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 300 ft/min (6100 psi @ 15 BPM) Set Ball Drop CFP @ 15371' Perforate @ 15353' - 11 shots, 15315' - 10 shots , 15287' - 10 Shots, 15254' - 9 Shots Pumped 254 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
17:30 - 19:45	2.25	Frac Ops	Pumping	Frac Stage #38		
				Frac: Open Well Up SICP-4990 PSI. Pumped 4000 gals 15% HCL , 326,848 gals of Slickwater w/ 84,420 lbs of 100 mesh, 184,480 lbs 40/70 White , Linear Gel 11088 gals. Max psi: 91676psi , Avg Psi: 8833 psi , Max rate 80.4 bpm , Avg rate 77.2 bpm , 0.90 Frac Gradient , Approx. load to recover 8144 bbls , ISIP 5550 psi , 5 min. 5237 psi , 10 min. 5174 psi , 15 min 5138 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi.		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

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Well ID: 18233

Report Date: 05/25/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
19:45 - 22:15	2.50	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9500PSI - GOOD Stage - 39 Perforate RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 300 ft/min (6400 psi @ 15 BPM) Set Ball Drop CFP @ 15238' Perforate @ 15220' - 8 Shots, 15182' - 8 Shots, 15154' - 6 Shots, 15121' - 6 Shots, 15085' - 6 Shots, 15059' - 6 Shots Pumped 294 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
22:15 - 01:10	2.92	Frac Ops	Pumping	Frac Stage #39 Frac: Open Well Up SICP-5060 PSI. Pumped 4000 gals 15% HCL , 461,137 gals of Slickwater w/ 126,070lbs of 100 mesh , 277,140 lbs 40/70 White , Linear Gel 3696 gals. Max psi: 9437psi , Avg Psi: 8612 psi , Max rate 89.6 bpm , Avg rate 83.1 bpm , 0.91 Frac Gradient , Approx. load to recover 11167 bbls , ISIP 5626 psi , 5 min. 5287 psi , 10 min. 5217 psi , 15 min 5173 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1430 psi.		
01:10 - 04:20	3.17	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9500PSI - GOOD Stage - 40 Perforate RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 310 ft/min (5900 psi @ 15 BPM) Set Ball Drop CFP @ 15038' Perforate @ 15021' - 8 Shots, 14988' - 8 Shots, 14954' - 6 Shots, 14921' - 6 Shots, 14888' - 6 Shots, 14855' - 6 Shots Pumped 294 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH. While POOH, BHA became stuck at 11610' Were POOH @ 250FPM Safe Max Pull was 2900lbs, attempted, no go Attempted to Pumpdown on BHA 4 times, on the 4th, reached 15BPM and BHA became free. Cont. to pump and went to 11850'. Shut down, corolated and began to POOH agian, Made it thru 11610' with no hang up or tension spikes, cont. thru LT and OOH to Surface. Once at surface, did not see any scaring or wear on BHA indicating on why we got stuck.		
04:20 - 04:35	0.25	Frac Ops	Pressure Test	Prime up an HHP Pressure Test Treating Iron to 10554PSI - GOOD		
04:35 - 06:00	1.42	Frac Ops	Pumping	Begin Pumping Treatment for Stage #40 *Details on Next Report*		
COMMENT: Daily NPT - 2.33hrs____Daily Pump - 9.59hrs PRV Set to 9850PSI						

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/26/2018

Daily Completion Report

RPT NO 17	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO OPP_Frac_01	TMD --	TVD --	COMPLETION START DATE 5/8/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS RIH with WL for Plug and Perf Stage #45	KB ELEV 2,791.0 usft	REPORT DESCRIPTION STIMULATION				
24 HR FORECAST Cont. P&P Frac Ops	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				
WELL DIRECTIONS						

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 07:15	1.25	Frac Ops	Pumping	*Cont. from Previous Reprt* PJSM Frac Stage #40 - Open Well Up SICP-4792 PSI. Pumped 4000 gals 15% HCL , 468,806 gals of Slickwater w/ 126,050lbs of 100 mesh , 276,340 lbs 40/70 White , Linear Gel 1200 gals. Max psi: 9319 psi , Avg Psi: 8735 psi , Max rate 90.2 bpm , Avg rate 86.8 bpm , 0.90 Frac Gradient , Approx. load to recover 11,286 bbls , ISIP 5489 psi , 5 min. 5282 psi , 10 min. 5209 psi , 15 min 5167 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1420 psi.		
07:15 - 10:30	3.25	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9500PSI - GOOD Stage - 41 Perforate - 4 Cluster Stage - RIH with SLB DiamondBack 3.44" CBP and 4 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 290 ft/min (6300 psi @ 17 BPM) Set Ball Drop CFP @ 14,834' Perforate @ 14815' - 11 Shots, 14788' - 10 Shots, 14755' - 10 Shots, 14722' - 9 Shots Pumped 212 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
10:30 - 13:30	3.00	Frac Ops	Pumping	Frac Stage #41 - Open Well Up SICP-4913 PSI. Pumped 4000 gals 15% HCL , 406,165 gals of Slickwater w/ 84,048 lbs of 100 mesh , 184,960 lbs 40/70 White , Linear Gel 2537 gals. Max psi: 9050 psi , Avg Psi: 8440 psi , Max rate 87.9 bpm , Avg rate 81.3 bpm , 0.90 Frac Gradient , Approx. load to recover 9827 bbls , ISIP 5483 psi , 5 min. 5230 psi , 10 min. 5174 psi , 15 min 5140 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1420 psi.		
13:30 - 16:00	2.50	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9500PSI - GOOD Stage - 42 Perforate RIH with SLB DiamondBack 3.44" CBP and 4 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 270 ft/min (6400 psi @ 17 BPM) Set Ball Drop CFP @ 14,706' Perforate @ 14,688' - 11 Shots, 14,655' - 10 Shots, 14,622' - 10 Shots, 14,589' - 9 Shots Pumped 207 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
16:00 - 18:15	2.25	Frac Ops	Pumping	Frac Stage #42 - Open Well Up SICP-4930 PSI. Pumped 4000 gals 15% HCL , 332,262 gals of Slickwater w/ 84,060 lbs of 100 mesh , 186,940 lbs 40/70 White , Linear Gel 1680 gals. Max psi: 9121 psi , Avg Psi: 8525 psi , Max rate 92.7 bpm , Avg rate 82.9 bpm , 0.90 Frac Gradient , Approx. load to recover 8036 bbls , ISIP 5469 psi , 5 min. 5211 psi , 10 min. 5120 psi , 15 min 5058 psi , 13 3/8" x 9 5/8" 0 psi , 9 5/8" x 7" Average pressure 1420 psi.		
18:15 - 19:00	0.75	Frac NPT	NPT Missile/Iron	While swapping valves to prepare for Pumpdown for WL Stage #43, HES had to knock off a HHP from the Main Line, Begin Pressure Test and have leak. Fix Leak, Pressure Test to 10,618PSI - Good		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/26/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
19:00 - 21:05	2.08	Wireline Ops	Plug & Perf - Frac Ops	WL NU to WH Pressure Test WL Equip. to 9550PSI - GOOD Open Well @ 19:10, 4850PSI Stage #43 - Perforate - 8 Cluster - RIH with SLB DiamondBack 3.44" CBP and 8 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 292 ft/min (6200 psi @ 15 BPM) Set Ball Drop CFP @ 14,573' Perforate @ 14,552' - 6 Shots, 14,522' - 6 Shots, 14,489' - 5 Shots, 14,456' - 5 Shots, 14,427' - 5 Shots, 14,389' - 5 Shots, 14,356' - 4 Shots, 14,323' - 4 Shots, Pumped 147 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
21:05 - 21:25	0.33	Frac Ops	NPT Greasing Valves	When Complete with WL Stage #43, Shut in Bottom Master Valve. Grease Entire Frac Tree.		
21:25 - 00:35	3.17	Frac Ops	Pumping	Frac Stage #43 Pump Stage Treatment as designed . 8 Cluster Stage. Open Well Pressure - 4539psi 4000gal 15% HCL Spearhead 100 Mesh - 169,120lbs 40/70 White - 372,480lbs Total Clean - 14172bbbls Total SW - 13,745bbbls Total Linear - 324bbbls Max Prop. Conc - 1.75PPG ISIP - 5641psi Frac Gradient - 0.91 5min - 5289psi 10min - 5201psi 15min - 5154psi		
00:35 - 02:45	2.17	Wireline Ops	Plug & Perf - Frac Ops	WL NU to WH Pressure Test WL Equip. to 9550PSI - GOOD Open Well @ 00:50, 4989PSI Stage #44 - Perforate - 6 Cluster - RIH with SLB DiamondBack 3.44" CBP and 8 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 292 ft/min (6200 psi @ 15 BPM) Set Ball Drop CFP @ 14,307' Perforate @ 14,289' - 8 Shots, 14,256' - 8 Shots, 14,223' - 6 Shots, 14,190' - 6 Shots, 14,156' - 6 Shots, 14,123' - 6 Shots. Pumped 142 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
02:45 - 05:30	2.75	Frac Ops	Pumping	Frac Stage #44 Pump Stage Treatment as designed . 6 Cluster Stage. Open Well Pressure - 4775psi 4000gal 15% HCL Spearhead 100 Mesh - 126,050lbs 40/70 White - 280,960lbs Total Clean - 11,411bbbls Total SW - 11,087bbbls Total Linear - 215bbbls Max Prop. Conc - 1.75PPG ISIP - 5553psi Frac Gradient - 0.90 5min - 5190psi 10min - 5102psi 15min - 5043psi		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/26/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
05:30 - 06:00	0.50	Wireline Ops	Plug & Perf - Frac Ops	WL NU to WH Pressure Test WL Equip. to 9550PSI - GOOD Open Well @ 05:50 - 4935PSI Open Pressure Stage #45 - Perforate - 8 Cluster Stage - RIH with WL, Details on Next Report		
COMMENT: Daily NPT - 1.08hrs Daily Pump - 12.42hrs PRV Set to 9850PSI						

Printed: 5/27/2018 7:07:55AM

Page 3 of 3

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/27/2018

Daily Completion Report

RPT NO. 19	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO OPP_Frac_01	TMD --	TVD --	COMPLETION START DATE 5/8/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START		FRAC SUSPEND		FRAC RESTART		FRAC END
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Pumping Treatment for Stage #48			KB ELEV 2,791.0 usft	REPORT DESCRIPTION STIMULATION		
24 HR FORECAST Cont. P&P Frac Ops			SAFETY MEETING TOPIC	ACC LST 24 HRS? No		
WELL DIRECTIONS						

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 08:00	2.00	Wireline Ops	Plug & Perf - Frac Ops	*Cont. from Previous Report* Stage #45 - Perforate - 8 Cluster - RIH with SLB DiamondBack 3.44" CBP and 8 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 292 ft/min (6200 psi @ 15 BPM) Set Ball Drop CFP @ 14,107' Perforate @ 14,090' - 6 Shots, 14,054' - 6 Shots, 14,023' - 5 Shots, 13,990' - 5 Shots, 13,957' - 5 Shots, 13,924' - 5 Shots, 13,890' - 4 Shots, 13,857' - 4 Shots Pumped 122 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
08:00 - 12:00	4.00	Frac Ops	Pumping	Frac Stage #45 Pump Stage Treatment as designed. 8 Cluster Stage. Open Well Pressure - 4448 psi 4000gal 15% HCL Spearhead 100 Mesh - 168,100 lbs 40/70 White - 371,160 lbs Total Clean - 15,525 bbls Total SW - 15,378 bbls Total Linear - 1650bbls Max Prop. Conc - 1.75PPG ISIP - 5590 psi Frac Gradient - 0.91 5min - 5256 psi 10min - 5159 psi 15min - 5102 psi		
12:00 - 14:30	2.50	Wireline Ops	Plug & Perf - Frac Ops	WL NU to WH Pressure Test WL Equip. to 9550PSI - GOOD Open Well @ 5000 PSI Stage #46 - Perforate - 8 Cluster - RIH with SLB DiamondBack 3.44" CBP and 8 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 300 ft/min (6100 psi @ 15 BPM) Set Ball Drop CFP @ 13,841' Perforate @ 13,823' - 6 Shots, 13,791' - 6 Shots, 13,757' - 5 Shots, 13,724' - 5 Shots, 13,691' - 5 Shots, 13,658' - 5 Shots, 13,624' - 4 Shots, 13,591' - 4 Shots. Pumped 164 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
14:30 - 15:15	0.75	Frac Ops	NPT Greasing Valves	Grease frac stack. Frac Pressure Test Treating Iron to 10,830PSI		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/27/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
15:15 - 19:05	3.83	Frac Ops	Pumping	Frac Stage #46 Pump Stage Treatment as designed . 8 Cluster Stage. Open Well Pressure - 4647 psi 4000gal 15% HCL Spearhead 100 Mesh - 168,080lbs 40/70 White - 367,620 lbs Total Clean - 14,105 bbls Total SW - 13,920 bbls Total Linear - 87bbls Max Prop. Conc - 1.75PPG ISIP - 55985psi Frac Gradient - 0.91 5min - 5161 psi 10min - 5073 psi 15min - 5022 psi		
19:05 - 19:40	0.58	Frac NPT	NPT Missile/Iron	While Pressure Testing WL , reach 6000PSI and HES develop a leak on the Truckside T going to the CVA . Shut Down, Bleed down and attempt to replace insert. The T was washed and needed replaced . HES did not have a replacement T on location , Isolate truckside CVA. Will complete WL run, then swap out the bad T. Will bleed Truckside off of the Blender.		
19:40 - 21:25	1.75	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9000PSI - GOOD Open Well @ 19:50 - IP 4760PSI Stage #47 - Perforate - 8 Cluster - RIH with SLB DiamondBack 3.44" CBP and 8 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 305 ft/min (6100 psi @ 15 BPM) Set Ball Drop CFP @ 13,575' Perforate @ 13,558' - 6 Shots, 13,525' - 6 Shots, 13,491' - 5 Shots, 13,458' - 5 Shots, 13,421' - 5 Shots, 13,392' - 5 Shots, 13,358' - 4 Shots, 13,325' - 4 Shots. Pumped 98 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
21:25 - 21:50	0.42	Frac NPT	NPT HHP	Durning WL, Frac isolated 2 HHP's and began HHP Maint. Completed Maint, replaced the T on the CVA. Prime Up ALL HHP's, Pressure Test to 10850PSI - GOOD		
21:50 - 01:35	3.75	Frac Ops	Pumping	Frac Stage #47 Pump Stage Treatment as designed . 8 Cluster Stage. Open Well Pressure - 4778 psi 4000gal 15% HCL Spearhead 100 Mesh - 167,060lbs 40/70 White - 375,160 lbs Total Clean - 15,268 bbls Total SW - 13,802 bbls Total Linear - 1370bbls Max Prop. Conc - 1.75PPG ISIP - 5587psi Frac Gradient - 0.91 5min - 5240 psi 10min - 5170 psi 15min - 5129 psi		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/27/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
01:35 - 03:40	2.08	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9390PSI - GOOD Open Well @ 01:55 - IP 5005PSI Stage #48 - Perforate - 6 Cluster - RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 320 ft/min (6789 psi @ 15 BPM) Set Ball Drop CFP @ 13,309' Perforate @ 13,292' - 8 Shots, 13,259' - 8 Shots, 13,221' - 6 Shots, 13,192' - 6 Shots, 13,159' - 6 Shots, 13,126' - 6 Shots. Pumped 81 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
03:40 - 03:50	0.17	Frac Ops	Pressure Test	HES worked on Packing on 3 HHP's Durning WL Ops. Prime UP HHP's Pressure Test Frac Treating Iron to 10450PSI - GOOD		
03:50 - 06:00	2.17	Frac Ops	Pumping	Begin Pumping Treatment for Stage #48. -Details on Next Report-		

COMMENT: Daily NPT - 1.75hrs Daily Pump - 11.58hrs
PRV Set to 9850PSI

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/28/2018

Daily Completion Report

RPT NO. 20		OPERATOR OASIS PETROLEUM PERMIAN		FIELD NAME Phantom (Wolfcamp)		RIG NAME/NO OPP_Frac_01		TMD --		TVD --		COMPLETION START DATE 5/8/18 0:00					
SPUD DATE 1/28/2018 21:00			API 4249534008		STATE Texas		COUNTY Ward			LOCATION UL 21 Bighorn 4H			SIDETRACK NO 01				
FRAC START					FRAC SUSPEND					FRAC RESTART					FRAC END		
CLEANOUT START				CLEANOUT END				FIRST PRODUCTION				RODUP START				WELL ON PUMP (RODUP END)	
CURRENT STATUS RIH with WL for Stage #53								KB ELEV 2,791.0 usft		REPORT DESCRIPTION STIMULATION							
24 HR FORECAST Complete 54 Stage P&P Frac Job, RDMO								SAFETY MEETING TOPIC				ACC LST 24 HRS? No					

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 06:35	0.58	Frac Ops	Pumping	-Cont. from Previous Report- Frac Stage #48 Pump Stage Treatment as designed. 6 Cluster Stage. Open Well Pressure - 4896 psi 4000gal 15% HCL Spearhead 100 Mesh - 126,430lbs 40/70 White - 280,260 lbs Total Clean - 11,179 bbls Total SW - 10,861bbls Total Linear - 204bbls Max Prop. Conc - 1.75PPG ISIP - 5562psi Frac Gradient - 0.91 5min - 5237 psi 10min - 5166 psi 15min - 5122 psi		
06:35 - 09:00	2.42	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9550PSI - GOOD Open Well @ 06:55 - IP 5015PSI Stage #49 - Perforate - 6 Cluster - RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 300 ft/min (6350 psi @ 15 BPM) Set Ball Drop CFP @ 13,110' Perforate @ 13,092' - 8 Shots, 13,055' - 8 Shots, 13,026' - 6 Shots, 12,993' - 6 Shots, 12,993' - 6 Shots, 12,926' - 6 Shots. Pumped 105 bbl of fresh water. 0 Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
09:00 - 09:45	0.75	Frac Ops	NPT Greasing Valves	Grease frac stack.		
09:45 - 12:45	3.00	Frac Ops	Pumping	Frac Stage #49 Pump Stage Treatment as designed. 6 Cluster Stage. Open Well Pressure - 4830 psi 4000gal 15% HCL Spearhead 100 Mesh - 127,405lbs 40/70 White - 278,480 lbs Total Clean - 11,043 bbls Total SW - 10,890 bbls Total Linear - 2350 bbls Max Prop. Conc - 1.75PPG ISIP - 5417 psi Frac Gradient - 0.89 5min - 5128 psi 10min - 5061 psi 15min - 5025 psi		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/28/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
12:45 - 14:45	2.00	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9500 PSI - GOOD Open Well @ 13:05 - IP 5000 PSI Stage #50 - Perforate - 4 Cluster - RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 310 ft/min (5900 psi @ 15 BPM) Set Ball Drop CFP @ 12,910' Perforate @ 12,893' - 11 Shots, 12,860' - 10 Shots, 12,831' - 10 Shots, 12,793' - 9 Shots. Pumped 95 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
14:45 - 16:00	1.25	Frac NPT	NPT HHP	Work on pumps.		
16:00 - 16:55	0.92	Frac Ops	Pumping	Begin Pumping Treatment for Stage #50 After Pumping 11,000# of 100 mesh, the Belt of the T-Belt parted. Cut Screws and Flushed Well.		
16:55 - 19:20	2.42	Frac NPT	NPT Sand Equipment	After Flushing Wellbore, Shut Down, Shut In Well and Bled all Pressure Off. **HOLD SITE WIDE SAFETY MEETING AT THIS TIME** The replacement T-Belt was already on location due to the expected failure of the T-Belt. Swapped out Belts, All Parties prepare to resume ops. Open WH up at 19:10, remove from NPT when Sand was Started.		
19:20 - 20:45	1.42	Frac Ops	Pumping	Frac Stage #50 Pump Stage Treatment as designed. 4 Cluster Stage. Open Well Pressure - 4760 psi 4000gal 15% HCL Spearhead 100 Mesh - 91,300lbs 40/70 White - 185,900 lbs Total Clean - 9,099 bbls Total SW - 8,944 bbls Total Linear - 63 bbls Max Prop. Conc - 1.75PPG ISIP - 5409 psi Frac Gradient - 0.89 5min - 5142 psi 10min - 5060 psi 15min - 5014 psi		
20:45 - 22:25	1.67	Wireline Ops	Plug & Perf - Frac Ops	Pressure Test WL to 9450 PSI - GOOD Open Well @ 21:00 - IP 4900 PSI Stage #51 - Perforate - 4 Cluster - RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF Tie into Liner Top @ 10992'-MD. Pump BHA down at 328 ft/min (5960 psi @ 15 BPM) Set Ball Drop CFP @ 12,783' Perforate @ 12,760' - 11 Shots, 12,727' - 10 Shots, 12,693' - 10 Shots, 12,660' - 9 Shots. Pumped 60 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.		
22:25 - 22:35	0.17	Frac Ops	Pressure Test	HES Pressure Test Treating Iron to 10568PSI - GOOD		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/28/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
22:35 - 00:50	2.25	Frac Ops	Pumping	<p>Frac Stage #51</p> <p>Pump Stage Treatment as designed . 4 Cluster Stage.</p> <p>Open Well Pressure - 4753 psi 4000gal 15% HCL Spearhead 100 Mesh - 84,250lbs 40/70 White - 185,000 lbs</p> <p>Total Clean - 7996 bbls Total SW - 7,773 bbls Total Linear - 105 bbls Max Prop. Conc - 1.75PPG</p> <p>Max Pressure - 9486 psi Avg. Pressure - 8728 psi Max Rate - 85.5 BPM Avg. Rate - 78.9 BPM</p> <p>ISIP - 5658 psi Frac Gradient - 0.91 5min - 5072 psi 10min - 5021 psi 15min - 5014 psi</p>		
00:50 - 01:25	0.58	Frac NPT	NPT Missile/Iron	<p>While beginning Pressure Test for WL , find HES has a leak on their Truckside CVA. A 1X2 Plug Valve is washed, allowing Pressure to Bleed past and leak out of a bad insert.</p> <p>Bleed down, knock off and Cap. Will bleed truckside off to Blender after WL run .</p>		
01:25 - 02:50	1.42	Wireline Ops	Plug & Perf - Frac Ops	<p>Pressure Test WL to 9450 PSI - GOOD Open Well @ 21:00 - IP 4900 PSI</p> <p>Stage #52 - Perforate - 6 Cluster -</p> <p>RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF</p> <p>Tie into Liner Top @ 10992'-MD. Pump BHA down at 293 ft/min (6350 psi @ 15 BPM)</p> <p>Set Ball Drop CFP @ 12,644'</p> <p>Perforate @ 12,627' - 8 Shots, 12,594' - 8 Shots, 12,560' - 6 Shots, 12,527' - 6 Shots, 12,494' - 6 Shots, 12,461' - 6 Shots.</p> <p>Pumped 55 bbl of fresh water. Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.</p>		
02:50 - 03:00	0.17	Frac Ops	Pressure Test	HES Pressure Test Treating Lines to 10460PSI - GOOD		
03:00 - 05:45	2.75	Frac Ops	Pumping	<p>Frac Stage #52</p> <p>Pump Stage Treatment as designed . 6 Cluster Stage.</p> <p>Open Well Pressure - 4817 psi 4000gal 15% HCL Spearhead 100 Mesh - 134,200lbs 40/70 White - 284,360 lbs</p> <p>Total Clean - 11,331 bbls Total SW - 11,013 bbls Total Linear - 248 bbls Max Prop. Conc - 1.75PPG</p> <p>Max Pressure - 9269 psi Avg. Pressure - 8230 psi Max Rate - 90.7 BPM Avg. Rate - 88.2 BPM</p> <p>ISIP - 5323 psi Frac Gradient - 0.89 5min - 4971 psi 10min - 4934 psi 15min - 4926 psi</p>		
05:45 - 06:00	0.25	Wireline Ops	Plug & Perf - Frac Ops	<p>Begin WL run for Stage #53 -Details on Next Report-</p>		

COMMENT: Daily NPT - 5hrs____Daily Pump - 10.92hrs
PRV Set to 9850PSI

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

1

Well ID: 18233

Report Date: 05/29/2018

Daily Completion Report

RPT NO. 21		OPERATOR OASIS PETROLEUM PERMIAN		FIELD NAME Phantom (Wolfcamp)		RIG NAME/NO OPP_Frac_01		TMD --		TVD --		COMPLETION START DATE 5/8/18 0:00	
SPUD DATE 1/28/2018 21:00		API 4249534008		STATE Texas		COUNTY Ward				LOCATION UL 21 Bighorn 4H		SIDETRACK NO 01	
FRAC START				FRAC SUSPEND				FRAC RESTART				FRAC END	
CLEANOUT START		CLEANOUT END			FIRST PRODUCTION			RODUP START			WELL ON PUMP (RODUP END)		
CURRENT STATUS Frac RDMO, Prepare for MIRU CT						KB ELEV 2,791.0 usft		REPORT DESCRIPTION STIMULATION					
24 HR FORECAST RDMO all Vendors.						SAFETY MEETING TOPIC				ACC LST 24 HRS? No			

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 07:25	1.42	Wireline Ops	Plug & Perf - Frac Ops	<p>**Cont. from Previous Report**</p> <p>Pressure Test WL to 9540 PSI - GOOD</p> <p>Open Well @ 21:00 - IP 4850 PSI</p> <p>Stage #53 - Perforate - 6 Cluster -</p> <p>RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF</p> <p>Tie into Liner Top @ 10992'-MD. Pump BHA down at 290 ft/min (6295 psi @ 15 BPM)</p> <p>Set Ball Drop CFP @ 12,445'</p> <p>Perforate @ 12,427' - 8 Shots, 12,394' - 8 Shots, 12,361' - 6 Shots, 12,331' - 6 Shots, 12,294' - 6 Shots, 12,261' - 6 Shots.</p> <p>Pumped 51 bbl of fresh water.</p> <p>Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.</p>		
07:25 - 08:00	0.58	Frac Ops	Pressure Test	HES Pressure Test Treating Iron to 10550PSI - GOOD		
08:00 - 10:45	2.75	Frac Ops	Pumping	<p>Frac Stage #53</p> <p>Pump Stage Treatment as designed. 6 Cluster Stage.</p> <p>Open Well Pressure - 4782 psi</p> <p>4000gal 15% HCL Spearhead</p> <p>100 Mesh - 126,060 lbs</p> <p>40/70 White - 278,640 lbs</p> <p>Total Clean - 11,652 bbls</p> <p>Total SW - 11,440 bbls</p> <p>Total Linear - 5334 bbls</p> <p>Max Prop. Conc - 1.75 PPG</p> <p>Max Pressure - 9123 psi Avg. Pressure - 7654 psi</p> <p>Max Rate - 91.0 BPM Avg. Rate - 84.6 BPM</p> <p>ISIP - 5522 psi Frac Gradient - 0.90</p> <p>5min - 5168 psi</p> <p>10min - 5068 psi</p> <p>15min - 5018 psi</p>		
10:45 - 11:15	0.50	Frac Ops	PT Routine Maintenance	Repair HHP & safety meeting		
11:15 - 13:00	1.75	Wireline Ops	Plug & Perf - Frac Ops	<p>Pressure Test WL to 9500 PSI - GOOD</p> <p>Open Well @ 11:20 - IP 4850 PSI</p> <p>Stage #54 - Perforate - 6 Cluster -</p> <p>RIH with SLB DiamondBack 3.44" CBP and 6 gun(s), with 60 deg phasing and 6 SPF</p> <p>Tie into Liner Top @ 10992'-MD. Pump BHA down at 290 ft/min (6080 psi @ 15 BPM)</p> <p>Set Ball Drop CFP @ 12,245'</p> <p>Perforate @ 12,228' - 8 Shots, 12,195' - 8 Shots, 12,161' - 6 Shots, 12,128' - 6 Shots, 12,098' - 6 Shots, 12,062' - 6 Shots.</p> <p>Pumped 55 bbl of fresh water.</p> <p>Ball Position = Ball Drop. Confirm ALL Shots Fired, Load Ball in WH.</p>		

UL 21 Bighorn 4H-Sidetrack 1

1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 05/29/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
13:00 - 16:45	3.75	Frac Ops	Pumping	Frac Stage #54 Pump Stage Treatment as designed . 6 Cluster Stage. Open Well Pressure - 4678 psi 4000gal 15% HCL Spearhead 100 Mesh - 125,365 lbs 40/70 White - 278,500 lbs Total Clean - 11,049 bbls Total SW - 10,932 bbls Total Linear - 0.00 bbls Max Prop. Conc - 1.75 PPG Max Pressure - 9116 psi Avg. Pressure - 7393 psi Max Rate - 88.3 BPM Avg. Rate - 76.3 BPM ISIP - 5659 psi Frac Gradient - 0.91 5min - 5269 psi 10min - 5194 psi 15min - 5153 psi		
16:45 - 06:00	13.25	Frac Ops	NPT R/U, R/D	RDMO Frac and WL related Equipment. RD Crown Valve and GH Prepare Location for Coil Operations.		
COMMENT: Daily NPT - 0hrs____Daily Pump - 0hrs PRV Set to 9850PSI						

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 05/30/2018

Daily Completion Report

RPT NO 1	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START		FRAC SUSPEND		FRAC RESTART		FRAC END
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Cir. Sweep OOH, then Mill Plug #11.			KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT		
24 HR FORECAST Cont. Cleanout Ops			SAFETY MEETING TOPIC	ACC LST 24 HRS? No		

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 08:30	2.50	R/U, R/D	R/U	Frac has RDMOL Wait for Vendors to arrive location and begin RU.		
08:30 - 17:00	8.50	R/U, R/D	R/U	PJSM. Set sand-x 1/2 pits & gen. ND frac FB iron, NU plug catcher & FB iron to sand-X. RU Nichols mixing plant. Spot containment & RU Crane. PU coil BOPs & lube. Spot & RU 2 5/8" coil reel, command center & pump. Weld on coil connector.		
17:00 - 18:30	1.50	Coil Ops	Handle BHA	Baker weld on Coil Connector. Pull Test to 30,000lbs - GOOD		
18:30 - 18:50	0.33	safety Meetir	Safety Meeting	ALL PARTIES ON LOCATION MEET FOR SITE WIDE SAFETY MEETING TOPICS: SWA, PPE, Muster Areas, H2S, Planned Ops		
18:50 - 19:10	0.33	Coil Ops	Handle BHA	Make Up Baker BHA Function Test BHA - GOOD *Pic. of BHA Diagram attached to this report*		
19:10 - 19:40	0.50	Coil Ops	NU BOP	NU CT to Well		
19:40 - 20:35	0.92	Coil Ops	Pressure Test Coil	Walk the Line with FlowBack and CT. Ensure Proper Valving on ALL Iron, Manifolds and Well Head. Open Up to last valve on FlowBack Manifold. Open Entire WH down to Bottom Master Valve. Pressure Test CT, Flowback iron and Manifolds to 9500PSI - GOOD		
20:35 - 00:48	4.22	Coil Ops	Trip In/Out	Open Well with 4580PSI Begin RIH @ 23:00 - 8000' @ 23:55 - Reach LT - Did NOT see and weight loss, cont. towards Plug #1.		
00:48 - 06:00	5.20	Coil Ops	Drillout frac plug	Reach Plug #1 @ 00:48 Mill Plugs 1 - 10 *NOTE* When arriving to Plug #7, saw the weight indicator loose weight and Cir. Pressure increase, Coil Operator was changing settings on rate and on radio, did not stop Coil and ended up pushing plug. Picked back up, TIH and did not see plug #8. Cont. to Plug #9. @ 05:32 - Mill Plug #10, once milled, send a 10/10/10 Sweep. Will move pipe but will not begin milling on Plug #11 until sweep is at surface. Sweep will be to surface @ 07:00.		

COMMENT: Daily NPT - 0hrs
Top Master - 16 3/4 turns - Bottom Master 17 1/2 turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 05/31/2018

Daily Completion Report

RPT NO 2	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO Cretic Energy Coil Tubing	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS	KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT				
24 HR FORECAST Cont. Cleanout Operations.	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Wesley Ruddick	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	11.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 07:30	1.50	Coil Ops	Drillout frac plug	*Cont. from Previous Report*		
				Cont circulate 10/10/10 sweeps to surface. PJSM. RIH , Tag Plug #11 at 14,311', Circ Press. 6600 psi , WH 4200 psi , WOB 1.5K , DOT- 5 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/2 gal per 10 bbl.		
07:30 - 08:15	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #12 at 14,439', Circ Press. 6700 psi , WH 4200 psi , WOB 1.5K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/2 gal per 10 bbl.		
08:15 - 09:00	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #13 at 14,709', Circ Press. 6600 psi , WH 4300 psi , WOB 1.5K , DOT- 4 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, Drop FR to 1/4 gal per 10 bbl.		
09:00 - 09:45	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #14 at 14,836', Circ Press. 6600 psi , WH 4200 psi , WOB 1.5K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/4 gal per 10 bbl.		
09:45 - 10:30	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #15 at 15,035', Circ Press. 6200 psi , WH 4200 psi , WOB 1.5K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/4 gal per 10 bbl.		
10:30 - 11:15	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #16 at 15,238', Circ Press. 6500 psi , WH 4200 psi , WOB 1.5K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/4 gal per 10 bbl.		
11:15 - 12:00	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #17 at 15,367', Circ Press. 6000 psi , WH 4200 psi , WOB 1.5K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/4 gal per 10 bbl.		
12:00 - 12:45	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #18 at 15,498', Circ Press. 6100 psi , WH 4300 psi , WOB 1.5K , DOT- 4 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/4 gal per 10 bbl.		
12:45 - 13:30	0.75	Coil Ops	Drillout frac plug	RIH , Tag Plug #19 at 15,692', Circ Press. 6500 psi , WH 4100 psi , WOB 1.5K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/4 gal per 10 bbl.		
13:30 - 14:00	0.50	Coil Ops	Drillout frac plug	RIH , Tag Plug #20 at 15,973', Circ Press. 6100 psi , WH 4100 psi , WOB 1.5K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out ,Pump 10 bbl sweep, FR 1/4 gal per 10 bbl.		
14:00 - 17:00	3.00	Coil Ops	NPT Coil	Pump 10/10/10 sweep CWC while waiting on pump parts & repairs on RS pump		

COMMENT: Daily NPT - 0hrs
Top Master - 16 3/4 turns - Bottom Master 17 1/2 turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/01/2018

Daily Completion Report

RPT NO 4	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO Cretic Energy Coil Tubing	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS RU CT and Fishing Tools, Prepare to latch Fish @ 22,816'			KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT		
24 HR FORECAST Lay Down Mill Out BHA, Pickup Fishing BHA, TIH to Fish WL BHA.			SAFETY MEETING TOPIC	ACC LST 24 HRS? No		
WELL DIRECTIONS						
AUTH TMD /	SUPERVISOR Bryan Tilghman	ENGINEER JOE WALUNAS				

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 07:00	1.00	Coil Ops	Drillout frac plug	9*Cont. from Previous Report*		
				PJSM. RIH , Tag Plug #36 at 19,259", Circ Press. 6650 psi , WH 3900 psi , WOB 13K , DOT- 5 min , 3.5 BPM In , 3.5 BPM out, Pump 10 bbl sweep, FR 1/4 gal per 10 bbl. 10% Sand - No HydroCarbons		
07:00 - 07:30	0.50	Coil Ops	Drillout frac plug	RIH , Tag Plug #37 at 19,462", Circ Press. 6750 psi , WH 3800 psi , WOB 13K , DOT- 4 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. 10% Sand - No HydroCarbons		
07:30 - 08:08	0.63	Coil Ops	Drillout frac plug	RIH , Tag Plug #38 at 19,586", Circ Press. 6700 psi , WH 3800 psi , WOB 1.3K , DOT- 3 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. Send 10 BBL Sweep. 10% Sand - No HydroCarbons		
08:08 - 08:43	0.58	Coil Ops	Drillout frac plug	RIH , Tag Plug #39 at 19,724", Circ Press. 6750 psi , WH 3880 psi , WOB 1.3K , DOT- 8 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. Send 10 BBL Sweep. 10% Sand - No HydroCarbons		
08:43 - 09:21	0.63	Coil Ops	Drillout frac plug	RIH , Tag Plug #40 at 19,852", Circ Press. 6600 psi , WH 3880 psi , WOB 1.3K , DOT- 7 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. Send 10 BBL Sweep. 10% Sand - No HydroCarbons		
09:21 - 10:24	1.05	Coil Ops	Drillout frac plug	RIH , Tag Plug #41 at 20,045", Circ Press. 6600 psi , WH 3880 psi , WOB 1.3K , DOT- 5 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. Send 10 BBL Sweep. 10% Sand - No HydroCarbons		
10:24 - 11:35	1.18	Coil Ops	Drillout frac plug	RIH , Tag Plug #42 at 20,260", Circ Press. 6500 psi , WH 3880 psi , WOB 1.3K , DOT- 5 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. Send 10 BBL Sweep. 8% Sand - No HydroCarbons		
11:35 - 12:38	1.05	Coil Ops	Drillout frac plug	RIH , Tag Plug #43 at 20,440", Circ Press. 6500 psi , WH 3880 psi , WOB 1.3K , DOT- 4 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. Send 10 BBL Sweep. 8% Sand - No HydroCarbons		
12:38 - 14:16	1.63	Coil Ops	Drillout frac plug	RIH , Tag Plug #44 at 20,647", Circ Press. 6500 psi , WH 3880 psi , WOB 1.3K , DOT- 12 min , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. Send 10 BBL Sweep. 5% Sand - No HydroCarbons		
14:16 - 15:30	1.23	Coil Ops	Drillout frac plug	RIH , Illusion Plug #45 , Did not Tag Plug. Circ Press. 6500 psi , WH 3880 psi , 3.5 BPM In , 3.5 BPM out, FR 1/4 gal per 10 bbl. 3% Sand - No HydroCarbons		
15:30 - 15:45	0.25	Coil Ops	Drillout frac plug	RIH to 20,770' reduced rate to 1.8 BPM. Could not make any hole due to Hydro- Coil not operating due to low rate. Increase rate to 3 BPM starting making hole. RIH to 20,787' tagged TOF put 15K weight on fish. Motor didn't torque out. PUH to 20,758'. Send 10/10/10 sweep.		
15:45 - 18:15	2.50	Coil Ops	Circulate	Wait on sweep to circulate to surface.		
18:15 - 18:45	0.50	Coil Ops	Circulate	Sweep back on time. RIH to 20,785' tagged fish. Put 10K on fish no movement. Motor didn't torque up. PUH to 20,765'. Wait on orders. 2% Sand - No HydroCarbons		
18:45 - 19:30	0.75	Coil Ops	Wash down	Discuss with Office on Plan. Decision was made to attempt to Fish WL BHA. TIH and Tag Fish, Paint mark the CT at surafe. Pump a 10/10/10 Sweep, once out of CT, will begin to TOOH. 2% Sand - No HydroCarbons		
19:30 - 03:20	7.83	Coil Ops	Trip In/Out	Sweep out of Tubing, Begin to TOOH. *NOTE* Have ALL Services lined up for Fish Run. Coil will need to add 4 sticks of Lube. Baker will supply Fishing BHA. FlowBack and Mixing Plant are on the ready. @ 17,000' - Send a 10/10/10 while TOOH. Trace Sand - No HydroCarbons @ 23:00 - Current Depth 14,075' - CP 5830PSI, WP 3930PSI - PR 3.5bpm - RR 3.5bpm Pumped a 10/10/10 Sweep, out of Coil before BHA coming thru Heel. @ 00:30 - Coil Tubing BHA thru Heel and Liner Top. Did not see any drag. @ 01:40 - Coil Depth 5700' - WH 4020psi - CP 6520psi - PR 3.5bpm - RR 3.5bpm @ 03:20 - Coil bumped up. WP - 4975PSI Shut in Lower Master Valve - 17 1/2 turns Bleed off Pressure to Pit Shut in Top Master Valve 16 3/4 turns for Double Isolation.		
03:20 - 04:10	0.83	Coil Ops	Handle BHA	*HOLD A SAFETY MEETING WITH ALL PARTIES INVOLVED BEFORE BEGIN RU/RD OPS* ND Baker BHA. Tools looked good, no abnormal wear was seen. The 3.75" Butterfly Mill measured 3.70" when OOH.		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/01/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
04:10 - 06:00	1.83	R/U, R/D	R/U	Cretic cut off approx. 25' of 2 5/8" Tubing. NU Lube back on WH, ND and set injector head on rack. CT begin NU 5 more sticks of 10' Lubricator, Will need 80' of Lubricator to handle BHA and Fish. While CT works on RU, Welder on location to Weld on Coil Connector.		

COMMENT: Daily NPT - 0hrs
Upper Master - 16 3/4 Turns Bottom Master - 17 1/2 Turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/02/2018

Daily Completion Report

RPT NO 5	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO Cretic Energy Coil Tubing	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Cretic Coil RDMOL	KB ELEV 2,791.0 usft	REPORT DESCRIPTION FISHING				
24 HR FORECAST RDMOL Cretic, Prepare to MIRU HES Fiber Coil	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Bryan Tilghman	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 06:30	0.50	R/U, R/D	R/U Tools/Equipment	:*Cont. from Previous Report*		
				@ 06:10 - Coil Connector welded on. CT cont. to RU Hose ext. package and additional Lube Sections.		
06:30 - 06:45	0.25	afety Meetir	Safety Meeting	HOLD SITE WIDE SAFETY MEETING		
				TOPICS: High Temps, Hydration, Communication, SWA, Planned Ops.		
06:45 - 07:30	0.75	R/U, R/D	R/U Tools/Equipment	CT cont. to NU Lubricator.		
07:30 - 11:00	3.50	Coil Ops	NPT Coil	Down waiting on Mechanic to replace hydraulic fittings on Injector Head.		
11:00 - 12:18	1.30	Coil Ops	NPT Coil	Mechanic arrived on location. Repairing hydraulic fittings.		
12:18 - 15:15	2.95	R/U, R/D	R/U Tools/Equipment	NU lubricator. Pull test coil connector to 30K. Good test. MU Baker Hughes BHA. Function test at 4 BPM at 3500 psi.		
15:15 - 16:15	1.00	Coil Ops	Trip In/Out	Pressure test lubricator to 7200 psi. Bleed down to 4200 psi. OWU SICP - 4035 psi.		
16:15 - 19:00	2.75	Coil Ops	Trip In/Out	RIH with the following BHA. Cutlip Guide 3.61" OD, Bowl 3.64" OD, Extension 3.65" OD, Top Sub 3.64" OD, Cross Over 3.3" OD, Knuckle Joint 2.88" OD, Indexing Tool 2.88" OD, Hydro Pull 2.88" OD, Screen Sub 2.88" OD, Water By Pass 2.88" OD, Circulating Sub 2.88" OD, Hydraulic Disconnect 2.88", Jar 2.88" OD, Weight Bar 2.88", Accelerator 2.88" OD, Dual Back Pressure Valve 2.88" OD. Total length 42.0 ft.		
19:00 - 23:40	4.67	Coil Ops	Trip In/Out	PJSM. Continue to RIH 70 ft/min. WHP- 4065 psi. CP- 4360 psi. 8000 ft. @ 19:25 - 10,935' WH 4085psi Circ. 4710psi PR - 2bpm RR - 2bpm Cretic had a couple hydraulic issues on equipment earlier in the day. Stop above LT, TOOHH 250', Check Peramiters on Equipment and verify. Cont. TIH @ 19:40 - BHA through LT @ 10,992' Cont. through heel and see no abnormal weight changes, cont. TIH @ 21:30 - 14,780' WH - 3855psi Circ. - 6550psi PR - 4bpm RR - 4bpm @ 21:45 - 15,000' WH - 3810psi Circ. - 6555psi PR - 4bpm RR - 4bpm - 10-15FPM @ 22:55 - 15:400' WH - 4050psi Circ. - 6380psi PR - 4bpm RR - 4bpm Set down and loose all weight @ this depth. Attempted to Surge well back to move debris that may be under BHA. When Surging: WP - 1960psi, shut in and WP back to 3960psi Cont. to slowly TIH @ 23:10 - Able to TOOHH to 15,388' then begin overpulling. Send a 20bbl Pill, TIH to 15:404' and set down all weight, when Pill exits Tubing, wait 2min and begin TOOHH. Pull up 14' and begin overpull, pull to 10-12K over string weight and free up BHA. Talk with Larry and Joe, Decision was made to TOOHH. Not worth attempting to latch fish at this point.		
23:40 - 04:40	5.00	Coil Ops	Trip In/Out	Begin TOOHH from 15,388' WP - 3980psi Circ. - 6230psi PR - 4bpm RR - 4bpm @ 01:50 - 11,230' WH - 3930psi Circ. - 6380psi PR - 4bpm RR - 4bpm @ 02:00 - Pull BHA through LT, Did not see any additional drag. Cont. TOOHH Increase speed to 64-68FPM while TOOHH in the 7" @ 03:30 - 3650' WH - 3890psi Circ. - 5932psi PR - 4bpm RR - 4bpm @ 04:00 - 1620' Drop PR to 1bpm and RR to 1bpm - WH 3921psi Circ. 4180psi @ 04:20 - 600' Shut down HHP, Shut in Flowback at the Manifold. @ 04:40 - BHA Bumped up, Shut In Bottom Master Valve 17 1/2 Turns. Bleed down pressure thru FlowBack. Shut in Top Master Valve 16 3/4 turns		
04:40 - 04:55	0.25	afety Meetir	Safety Meeting	HOLD PRE-RIG DOWN SAFETY MEETING WITH ALL PARTIES INVOLVED ON RD. TOPICS: SWA, Crane Signals, Communication, Overhead Loads.		

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/02/2018

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
04:55 - 06:00	1.08	R/U, R/D	N/D	ND Baker BHA - *NOTE* Tools had some scaring on them, around Overshot and alos up the BHA and on the CT itself . Cretic RDMOL Prepare for HES Fiber Coil to arrive this evening.		

COMMENT: Daily NPT - 4.5 hrs
Upper Master - 16 3/4 Turns Bottom Master - 17 1/2 Turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/03/2018

Daily Completion Report

RPT NO. 6	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO Cretic Energy Coil Tubing	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START		FRAC SUSPEND		FRAC RESTART		FRAC END
CLEANOUT START		CLEANOUT END		FIRST PRODUCTION		RODUP START
						WELL ON PUMP (RODUP END)
CURRENT STATUS TIH with HES Fiber Coil				KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT	
24 HR FORECAST Reach TD, Begin Data Logging Ops				SAFETY MEETING TOPIC		ACC LST 24 HRS? No

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Bryan Tilghman	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 12:30	6.50	R/U, R/D	R/D Tools/Equipment	*Cont. from Previous Report* PJSM. RDMOL Cretic Energy. 08:30 Cactus delivered Production 10K Tree. 12:30 Cretic off location.		
12:30 - 18:30	6.00	Coil Ops	T Wait on Coil or WO	Wait on Halliburton CTU.		
18:30 - 18:45	0.25	afety Meetir	Safety Meeting	HOLD SITE WIDE SAFETY MEETING TOPICS: SWA, PPE, Wildlife, Emergency Services, Backing, Planned Ops		
18:45 - 22:10	3.42	R/U, R/D	R/U	HES Fiber CTU Arrived on location. Start spotting equipment. @ 19:55 - HES has equipment Spotted, begin RU of Fluid Pump, CT and related items. -Baker on location with BHA -All other support vendors on location and Ready. @ 21:20 - Begin filling Coil String @ 22:00 - CT full, cut off 6' of Coil		
22:10 - 22:35	0.42	Coil Ops	Handle BHA	Baker install Slip on Coil Connector Pull Test to 25,000lbs Re-Tighten and Pull Test to 40,000lbs		
22:35 - 22:55	0.33	Coil Ops	Handle BHA	HES install Fiber Sub under Coil Connector Have to Cap the Fiber line, and install cap on Sub.		
22:55 - 23:15	0.33	Coil Ops	Handle BHA	Baker MU the rest of BHA to the Circulating Sub Install Pressure Test Sub		
23:15 - 23:30	0.25	Coil Ops	Pressure Test Coil	Pressure Test BHA to 2200PSI - GOOD		
23:30 - 00:15	0.75	Coil Ops	Handle BHA	Baker MU the rest of BHA (Tempress, Motor and Mill) Function Test BHA - 3BPM - 2000psi, 3.25BPM - 2200psi, 3.5BPM - 2400psi		
00:15 - 01:10	0.92	R/U, R/D	R/U	HES NU Lube to WH		
01:10 - 01:50	0.67	Coil Ops	Pressure Test Coil	Begin Pressure Test Ops - Flow Back had a few leaks, fix and resume Pressure Test. Pressure Test Coil, Lubricator, WH and Flowback Iron to 9263psi Equalize to 4500PSI Open Well Pressure - 4100psi		
01:50 - 06:00	4.17	Coil Ops	Trip In/Out	-Well Open- IP - 4100psi CT begin to TIH PR - 1BPM RR - 1BPM @ 03:15 - 4520' WH 4170psi Circ. 4580psi PR 1bpm RR 1bpm @ 04:20 - 10900' Increase Rate: PR 3.5bpm RR 3.5bpm WH 4120psi Circ. 6320psi TIH past LT @ 10,992' Do not see any indication of Tag, Cont. TIH @ 04:50 - TIH to 12,040', Stack out (believe it is rubber from the Diamondback Plugs) Motor Stall out, drop rate to 1bpm. TOO H to 11,984' Increase Rate back to 3.5bpm. TIH to 12,049', begin to stall, TOO H 10' and pump a 10bbl sweep. Will circ it out of tubing. @ 05:40 - 12,047' - 10bbl sweep out of CT, TIH to 12,078' and stack out. TOO H to 12,050' Pump a 10/10/10 sweep. When sweep exits CT, will attempt to TIH. Assuming there is a large amount of elements at the curve that were drug up the wellbore from the attempted fishing run. Will cont. to work our way through them and cont. TIH.		

COMMENT: Daily NPT - 0 hrs



UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/03/2018

Daily Completion Report

Upper Master - 16 3/4 Turns Bottom Master - 17 1/2 Turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/04/2018

Daily Completion Report

RPT NO. 7	OPERATOR OASIS PETROLEUM PERMIAN		FIELD NAME Phantom (Wolfcamp)		RIG NAME/NO Cretic Energy Coil Tubing		TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00	
SPUD DATE 1/28/2018 21:00		API 4249534008	STATE Texas		COUNTY Ward			LOCATION UL 21 Bighorn 4H		SIDETRACK NO 01
FRAC START			FRAC SUSPEND			FRAC RESTART			FRAC END	
CLEANOUT START		CLEANOUT END			FIRST PRODUCTION		RODUP START		WELL ON PUMP (RODUP END)	
CURRENT STATUS HES Logging Data for Warm Back Test.					KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT				
24 HR FORECAST Logging Data for HES Fiber Coil.					SAFETY MEETING TOPIC			ACC LST 24 HRS? No		

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Bryan Tilghman	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 21:10	15.17	Coil Ops	Trip In/Out	<p>*Cont. from Previous Report*</p> <p>PJSM. @ 06:30 - 12,090' - WP 3910psi Circ. 6550psi Cont. to fight debris in the curve.</p> <p>@ 06: 55 - Decide to TOO H to above LT, once there will surge the well back to attempt to move debris up the Wellbore. Flowed well 3 times for 1-2 min. each time when out of liner top. 07:53 Send 10/10/10 sweep RIH. WHP- 3900 psi, CP-6530 psi. 3.5 bpm in 4.0 bpm out.</p> <p>10:00 10/10/10 sweep back on time light amount of plug rubber, slips, & sand.</p> <p>10:25 Send 10 bbl sweep at 14,800' 3.5 bpm in 4.0 bpm out, WHP-3900 psi, CP-6610 psi. Continue to RIH at 50 ft./ min.</p> <p>12:15 At 17,250' . Sweep back on time. Very small amount of plug parts & sand. Continue to RIH at 12 ft/min. WHP-3850 psi, CP-6500psi.</p> <p>13:43 At 17,875' RIH 3-5 ft/min. -16K RIW. POP at .25 per 10 bbls.</p> <p>14:00 At 18,001' Send 10 bbl slug of Super Loob 6.5 50 bbl spacer 10 bbl slug Super Loob 6.5 increase POP to .5 per 10 bbls. PU 200 ft to 17,800'. 28 K up 21 ft/min. WHP-3900 psi, CP- 6800 psi. 28K Up. No drag.</p> <p>14:20 17,800' RIH 5 - 10 ft/min -16K RIW.</p> <p>15:24 At 18,230' RIH 5 - 10 ft/min -16K RIW. CP- 6810 psi WHP- 3890 psi. POP at .5 per 10 bbls.</p> <p>16:21 At 18,650' averaging 7 ft/min RIH -16K RIW CP- 6700 psi, WHP - 3900 psi. POP at .5 per 10 bbls.</p> <p>17:07 At 18,927' Averaging 6 ft/min. Send 10/10/10 sweep followed by 20 bbls spacer, 10 bbl slug of Super LOOB , 20 bbl spacer, 10 bbl slug Super Loob. 3.5 in 4.0 out WHP-3900 psi, CP- 6800 psi.</p> <p>**HOLD SITE WIDE SAFETY MEETING WITH ALL CREWS** TOPICS: PPE, SWA, Communication, Task at hand, planned ops.</p> <p>18:27 At 19,250' averaging 4 ft/min. 3.5 in 4.0 out. WHP- 3880 psi, CP- 6840 psi. POP at .5 per 10 bbls. Continue to RIH.</p> <p>@ 21:10 - Reached TD of 19,801' WP 3980psi PR 6755psi PR 3.5bpm RR 4bpm</p> <p>Send a 20/10/20 bbl Sweep, Will Circulate Sweep OOH.</p>		
21:10 - 00:05	2.92	Coil Ops	Circulate	<p>Will circulate out Sweep, once that is complete, will begin Logging Operations</p> <p>@ 23:55 - Circulated Sweeps OOH. WP - 3900psi Circ. 6700PSI PR 3.5bpm RR 4bpm</p> <p>Once Circ. Fluid is Clean, Will Shut down Pumping Ops.</p>		
00:05 - 06:00	5.92	Coil Ops	ber Coil Data Gatheri	<p>Shut Down/In Coil Pump, Shut in Flow Back at their Choke assembly</p> <p>WP - 4050psi</p> <p>Will begin Fiber Coil Data Gathering. Expected Log Time of 18hrs.</p> <p>*Cont. on Next Report*</p>		

COMMENT: Daily NPT - 0 hrs
Upper Master - 16 3/4 Turns Bottom Master - 17 1/2 Turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/05/2018

Daily Completion Report

RPT NO. 8	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO Cretic Energy Coil Tubing	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS HES RDMO	KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT				
24 HR FORECAST Completion Operations on Pad Complete	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				

WELL DIRECTIONS

AUTH TMD /	SUPERVISOR Bryan Tilghman	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 20:45	14.75	Coil Ops	ber Coil Data Gatheri	*Cont. from Previous Report* Cont. Data Logging with HES Fiber Coil for Warm Back Test. @ 18:30 - Hold Site Wide Safety Meeting Topics: PPE, Weather, Planned Operations. Cont. Logging for Warm Back Test HES Estimates they will have sufficient Data @ approx. 21:00		
20:45 - 23:35	2.83	Coil Ops	Circulate	WP after Log - 3697psi Pump a 20/10/20 Sweep, Circulate OOH. WP 3880psi Circ. 6480psi PR 3.5bpm RR 3.7bpm Approx. 50bbl's before sweep is at surface, began getting back HydroCarbons. Went to the Sand-X and monitored. Once sweep was OOH, oil cleared up, begin putting returns into the Pit. @ 23:05 - First Sweep on Surface, returns appear to be clean. Second Sweep out, Pull Plug Catcher, very little junk.		
23:35 - 05:20	5.75	Coil Ops	Trip In/Out	HES begin to TOO H with 2 3/8" CT. Pumping 1/4 - 10 FR with Freshwater, returning to the Pit. WP - 3823psi Circ. - 6790psi PR - 3.5bpm RR - 3.5bpm Will TOO H 500' then pump a 10/10/10 sweep to ensure all debris is out of WB for the Trip Out. @ 01:35 - Depth 15,820' 60fpm WP - 3832psi Circ. - 6690psi PR - 3.5bpm RR - 3.5bpm Send a 10/10/10 Sweep to ensure the curve is clean. @ 02:55 - Depth 11,325' 65fpm WP - 3820psi Circ. - 6640psi PR - 3.5bpm RR - 3.5bpm @ 03:22 - Depth 9,925' Increase speed to 95-105fpm Decrease PR to 1bpm RR 1bpm WP - 3814psi Circ. - 4439psi @ 04:10 - Depth 5810' WP - 3920psi Circ. - 4310psi PR - 1bpm RR - 1 BPM @ 05:15 - CT Bumped - SICP 4020psi Shut in Bottom Master Vavle - 17 1/2 Turns Bleed Off Pressure - Leave Flowback open to the Pit.		
05:20 - 05:30	0.17	afety Meetir	Safety Meeting	Hold a Pre-RigDown Safety Meeting with HES, Discuss RD plan, PPE, Crane Ops.		
05:30 - 06:00	0.50	R/U, R/D	R/D	HES begin RDMOL *NOTE* The Baker 3.75" Butterfly Mill measured 3.74" when OOH. *Cont. on Next Report*		

COMMENT: Daily NPT - 0 hrs
Upper Master - 16 3/4 Turns Bottom Master - 17 1/2 Turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/06/2018

Daily Completion Report

RPT NO 09	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO Cretic Energy Coil Tubing	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START		FRAC SUSPEND		FRAC RESTART		FRAC END
CLEANOUT START		CLEANOUT END	FIRST PRODUCTION	RODUP START		WELL ON PUMP (RODUP END)
CURRENT STATUS All Parties RDMOL			KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT		
24 HR FORECAST Operations Complete - Wait on Production			SAFETY MEETING TOPIC	ACC LST 24 HRS? No		
WELL DIRECTIONS						

AUTH TMD /	SUPERVISOR Bryan Tilghman	ENGINEER JOE WALUNAS
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OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 19:00	13.00	R/U, R/D	R/D	*Cont. from Previous Report*		
				All Parties on Location RDMO.		
				12:00 Halliburton, Standard Safety H2S heavy package, & Nichols Mixing Plant off location.		
				Clean out 1/2 Pits, Sand -X, and frac tanks.		
19:00 - 06:00	11.00	Other		Will NU Production Tree 6-6-18, then ALL Ops Complete		

COMMENT: Daily NPT - 0 hrs
Upper Master - 16 3/4 Turns Bottom Master - 17 1/2 Turns

UL 21 Bighorn 4H-Sidetrack 1

Lat: 31° 41' 47.472 N Long: 103° 14' 43.008 W

Well ID: 18233

Report Date: 06/07/2018

Daily Completion Report

RPT NO 10	OPERATOR OASIS PETROLEUM PERMIAN	FIELD NAME Phantom (Wolfcamp)	RIG NAME/NO Cretic Energy Coil Tubing	TMD --	TVD --	COMPLETION START DATE 5/28/18 0:00
SPUD DATE 1/28/2018 21:00	API 4249534008	STATE Texas	COUNTY Ward	LOCATION UL 21 Bighorn 4H	SIDETRACK NO 01	
FRAC START		FRAC SUSPEND		FRAC RESTART		FRAC END
CLEANOUT START		CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)	
CURRENT STATUS Well Secured.			KB ELEV 2,791.0 usft	REPORT DESCRIPTION CLEANOUT		
24 HR FORECAST Completion Ops Complete, Wait on Production			SAFETY MEETING TOPIC	ACC LST 24 HRS? No		
WELL DIRECTIONS						
AUTH TMD /		SUPERVISOR Bryan Tilghman	ENGINEER JOE WALUNAS			
OPERATION DETAILS				Total Hours	8.25	
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 08:15	2.25	R/U, R/D	N/D	PJSM. ND 15K Frac Stack.		
08:15 - 14:15	6.00	R/U, R/D	N/U	NU 10K Production Tree. Superior Hydrovac cleaning out Sand-X. Turn over to Production Department. All rentals released. Final report.		
COMMENT:						