

**PT Petroleum, LLC
University Orange 1042A
“Wolfcamp A”
API 42-383-39859
2319’ FWL and 100’ FSL
Section 4, Block 1, ULS
Reagan County, Texas**

7-10-17 – Initial Completion

Arrived on location. MK transfer arrived and began driving out route to lay water transfer line. Phoenix Tanks arrived on location with Pro-Petro to mark where tanks and frac fleet will be spotted.

7-11-17 – Initial Completion

Arrived on location. 4 porta john, 1 trash trailer, 6 light towers, and 2 manlifts arrived on location. Remaining frac tanks begin arriving on location. A&P Services arrived on location w/ 3 trailers. MK transfer continue to rig up water transfer lines. J&W arrived on location with both frac stacks. SDFN

7-12-17 – Initial Completion

Spartan arrived on location and started rigging up flow back to both wells. Zipper manifold on location ready for rig up. Water transfer continue to rig up transfer lines.

7-13-17 – Initial Completion

All frac tanks on location, spotted pump down tanks and pumps. Water transfer continue to rig up lines.

7-14-17 – Initial Completion

Water transfer complete, begin to fill frac tanks.

7-15-17 – Initial Completion

Pro Petro moved frac equip to location and begin rig up.

7-16-17 – Initial Completion

Perform bucket tests on chem pumps with fluid tech while frac rig up continues. Verified water in tanks. Prime and test transfer lines. Run flow loop test. Ran sand sieve analysis/ verified sand tickets. Continue RU frac lines and equipment. WL line moved in and rigged up.

7-17-17 – Initial Completion

Pressure tested casing to 9500 psi. Shut down for lightning. Opened sleeve and pumped 1500 gallons of acid. 517 bbl total. **Stage 1 Perf:** RIH with guns for stage 1, perforated 17,137'-17,139', 17,114'-17,116', 17,091'-17,093', 17,068'-17,070',-17,045'-17,047', 17,022'-17,024', 16,999'-17,001', 16,976'-16,978'. All shots fired, POOH WL.

7-18-17 – Initial Completion

Stage 1 Frac: SICP: 2010 psi, **Stage 1 Frac:** Pump acid @ 15 bpm. Pumped: Total 15% HCL Acid: 96 bbls. Total Slickwater: 10,979 bbls. Total 100 Mesh: 281,144 lbs, Total 40/70: 91,329 lbs. Total proppant pumped: 372,473 lbs. ISIP: 3,258 psi, with a Frac Gradient of .86 psi/ft. Qavg: 95 bpm, Pavg: 7,609 psi, Qmax: 98 bpm, Pmax: 9,329 psi. ***Notes***shut down after we placed acid due to water transfer line leaking, SI well. Repair water transfer line & open well, pumped another acid spear & start stg 1, reached total sand volume per schedule. **Stage 2 Perf:** RIH with guns for stage 2, plug 16964'. Perforated 16952' - 16954', 16929' - 16931', 16906' - 16908', 16883' - 16885', 16860' - 16862', 16837' - 16839', 16814' - 16816', 16791'- 16793' All shots fired POOH. **Stage 2 Frac:** SICP: 1958 psi, pumped acid @ 15 bpm, Formation breakdown--4032 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 10,384 bbls. Total 100 Mesh: 280,135 lbs, Total 40/70: 87920 lbs. Total proppant pumped: 368,056 lbs. ISIP: 3,244 psi, with a Frac Gradient of .86 psi/ft. Qavg: 98 bpm, Pavg: 7,076 psi, Qmax: 101 bpm, Pmax: 8,921 psi. ***Notes*** reached total sand volume per schedule.

7-19-17 – Initial Completion

Stage 3 Perf: RIH with guns for stage 3, plug 16,779'. Perforated 16762' - 16764', 16744' - 16746', 16721' - 16723', 16698' - 16700', 16675' - 16677', 16652' - 16654', 16625' - 16627', 16606'- 16608' All shots fired POOH. **Stage 3 Frac:** SICP: 1406 psi, pumped acid @ 15 bpm, Formation breakdown--4049 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 10,117 bbls. Pumpdown--398 bbls. Total 100 Mesh: 281,470 lbs, Total 40/70: 89,016 lbs. Total proppant pumped: 370,487 lbs. ISIP: 3249 psi, with a Frac Gradient of .86 psi/ft. Qavg: 100 bpm, Pavg: 6978 psi, Qmax: 102 bpm, Pmax: 8536 psi. ***Notes***-reached total sand Volume per schedule, Flushed well. **Stage 4 Perf:** RIH with guns for stage 4, plug 16,594'. Perforated 16580' - 16582', 16559' - 16561', 16536' - 16538', 16513' - 16511', 16490' - 16492', 16467' - 16469', 16444' - 16446', 16421'- 16423'. All shots fired, POOH. **Stage 4 Frac:** SICP: 1815 psi, pumped acid @ 15 bpm, Formation breakdown-- 4139 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 10,162 bbls. Pumpdown--390 bbls. Total 100 Mesh: 280,956 lbs, Total 40/70: 88,006 lbs. Total proppant pumped: 368,962 lbs. ISIP: 3326 psi, with a Frac Gradient of .87 psi/ft. Qavg: 100 bpm, Pavg: 6817 psi, Qmax: 101 bpm, Pmax: 8193 psi. ***Notes***-reached total sand volume per schedule, flushed well. **Stage 5 Perf:** RIH with guns for stage 5, plug 16,409'. Perforated 16,397' - 16,399', 16,374' - 16,376', 16,351' - 16,353', 16,329' - 16,331', 16,305' - 16,307', 16,279' - 16,281', 16,259' - 16,261', 16,236'- 16,238' All shots fired POOH. Grease zipper manifold. **Stage 5 Frac:** SICP: 1895 psi, pumped acid @ 15 bpm, Formation breakdown-- 4165 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 10,018 bbls. Pumpdown-- 386 bbls. Total 100 Mesh: 282,694 lbs, Total 40/70: 87,926 lbs. Total proppant pumped: 370,620 lbs. ISIP: 3,309 psi, with a Frac Gradient of .87 psi/ft. Qavg: 100 bpm, Pavg: 6,631 psi, Qmax: 100 bpm, Pmax: 9,040 psi. ***Notes***-reached total sand volume per schedule, flushed well. **Stage 6 Perf:** RIH with guns for stage 6, plug 16,224'. Perforated 16,212' - 16,214', 16,189' - 16,191', 16,166' - 16,168', 16,143' - 16,145',

16,120' - 16,122', 16,097' - 16,099', 16,074' - 16,076', 16,051' - 16,053'. All shots fired, POOH. Standby for Coil tubing to fish guns in 1041A.

7-20-17 – Initial Completion

Prep location for coil to arrive. Standby for coil tubing fishing job on the 1041A well.

7-21-17 – Initial Completion

Standby for coil tubing fishing job on the 1041A well.

7-22-17 – Initial Completion

Stage 6 Frac: SICP: 1895 psi, pumped acid @ 20 bpm, Formation breakdown-- 4709 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 9,873 bbls. Pumpdown-- 436 bbls. Total 100 Mesh: 282,234 lbs, Total 40/70: 89,635 lbs. Total proppant pumped: 371,869 lbs. ISIP: 4,062 psi, with a Frac Gradient of .96 psi/ft. Qavg: 98 bpm, Pavg: 6,701 psi, Qmax: 102 bpm, Pmax: 8,206 psi. ***Notes***-reached total sand volume per schedule, Flushed well.

Stage 7 Perf: RIH with guns for stage 7, plug 16,039'. Perforated 16027' - 16,029', 16004' - 16006', 15,981' - 15,983', 15,958' - 15,960', 15,935' - 15,937', 15,912' - 15,914', 15,889' - 15,891', 15,866' - 15,868' All shots fired POOH. Replaced frac pump and replaced grease fitting on zipper manifold. Prime and pressure test before resuming operations. **Stage 7 Frac:** SICP: 2134 psi, pumped acid @ 15 bpm, Formation breakdown-- 4709 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 9,873 bbls. Pumpdown-- 405bbls. Total 100 Mesh: 273,212 lbs, Total 40/70: 93,316 lbs. Total proppant pumped: 366,528lbs. ISIP:3635 psi, with a Frac Gradient of .91 psi/ft. Qavg: 99 bpm, Pavg: 6,854 psi, Qmax: 101 bpm, Pmax: 8,837 psi. ***Notes***-reached total sand Volume per schedule, Flushed well. **Stage 8 Perf:** RIH with guns for stage 8, plug 15,854'. Perforated 15,842' - 15,844', 15,819' - 15,821', 15,796' - 15,798', 15,773' - 15,775', 15,750' - 15,752', 15,727' - 15,729', 15,704' - 15,706', 15,681' - 15,683' All shots fired POOH

Stage 8 Frac: SICP: 1855 psi, pumped acid @ 15 bpm, Formation breakdown-- 4127 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8,807 bbls. Pumpdown-- 400 bbls. Total 100 Mesh: 275,017 lbs, Total 40/70: 92,836 lbs. Total proppant pumped: 367,853lbs. ISIP:3645 psi, with a Frac Gradient of .91 psi/ft. Qavg: 99 bpm, Pavg: 6,739 psi, Qmax: 101 bpm, Pmax: 8,732 psi. ***Notes***-reached total sand volume per schedule, Flushed well.

Stage 9 Perf: RIH with guns for stage 9, plug 15,669'. Perforated 15,657' - 15,659', 15,634' - 15,636', 15,611' - 15,613', 15,588' - 15,590', 15,565' - 15,567', 15,542' - 15,544', 15,519' - 15,521', 15,496' - 15,498' All shots fired POOH. **Stage 9 Frac:** SICP: 1950 psi, pumped acid @ 15 bpm, Formation breakdown-- 3908 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8,829 bbls. Pumpdown-- 375 bbls. Total 100 Mesh: 279,483 lbs, Total 40/70: 93,976 lbs. Total proppant pumped: 373,459lbs. ISIP: 3,425 psi, with a Frac Gradient of .88 psi/ft. Qavg: 101 bpm, Pavg: 6,759 psi, Qmax: 102 bpm, Pmax: 8,365 psi. ***Notes***-reached total sand volume per schedule, flushed well. **Stage 10 Perf:** RIH with guns for stage 10, plug 15,484'. Perforated 15,472' - 15,474', 15,449' - 15,451', 15,426' - 15,428', 15,403' - 15,405', 15,380' - 15,382', 15,357' - 15,359', 15,334' - 15,336', 15,311' - 15,313' All shots fired POOH

Stage 10 Frac: SICP: 1757 psi, pumped acid @ 15 bpm, Formation breakdown-- 4026 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8,583 bbls. Pumpdown-- 419 bbls. Total 100 Mesh: 274,004 lbs, Total 40/70: 93,693 lbs. Total proppant pumped: 367,698lbs. ISIP:3360 psi, with a Frac Gradient of .87 psi/ft. Qavg: 100 bpm, Pavg: 6,621 psi, Qmax: 100 bpm, Pmax: 8,453 psi. ***Notes***-reached total sand Volume per schedule, Flushed well.

Stage 11 Perf: RIH with guns for stage 11, plug 15,299'. Perforated 15,287' - 15,289', 15,264' - 15,266', 15,241' - 15,243', 15,218' - 15,220', 15,195' - 15,197', 15,172' - 15,174', 15,149' - 15,151', 15,126' - 15,128'. All shots fired POOH. Down for water transfer to repair pump at pit and for frac pump maintenance.

7-23-17 – Initial Completion

Stage 11 Frac: SICP: 1472 psi, pumped acid @ 15 bpm, Formation breakdown-- 4138 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8268 bbls. Pumpdown-- 412 bbls. Total 100 Mesh: 277,569 lbs, Total 40/70: 91,022 lbs. Total proppant pumped: 368,592 lbs. ISIP: 3008 psi, with a Frac Gradient of .83 psi/ft. Qavg: 92 bpm, Pavg: 6248 psi, Qmax: 98 bpm, Pmax: 7824 psi. ***Notes***- Lost 2 pumps due to packing. Pumped stage at 90 BPM. Reached total sand volume per schedule, flushed well. **Stage 12 Perf:** RIH with guns for stage 12, plug 15,111'. Perforated 15,098' - 15,100', 15,079' - 15,081', 15,056' - 15,058', 15,034' - 15,036'. Notes*** Top 4 guns didn't fire due to a switch coming apart. Wireline rehead to make second run on stage 12. RIH with guns for stage 12 Part 2, Perforated 15,010' - 15,012', 14,987' - 14,989', 14,967' - 14,969', 14,941' - 14,943', all shots fired POOH. Replace packing in valve on the flow cross on 1042A. Greased Zipper Manifold. **Stage 12 Frac:** SICP: 1353 psi, pumped acid @ 15 bpm, Formation breakdown-- 4144 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8799 bbls. Pumpdown-- 690 bbls. Total 100 Mesh: 272,267 lbs, Total 40/70: 94,353 lbs. Total proppant pumped: 366,621 lbs. ISIP: 3340 psi, with a Frac Gradient of .87 psi/ft. Qavg: 98 bpm, Pavg: 6681 psi, Qmax: 101 bpm, Pmax: 8377 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 13 Perf:** RIH with guns for stage 13, plug 14,929'. Perforated 14,915' - 14,917', 14,894' - 14,896', 14,871' - 14,873', 14,848' - 14,850', 14,825' - 14,827', 14,802' - 14,804', 14,779' - 14,881', 14,756' - 14,758'. All shots fired POOH. **Stage 13 Frac:** SICP: 1325 psi, pumped acid @ 15 bpm, Formation breakdown--3,869 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8,515 bbls. Pumpdown--303 bbls. Total 100 Mesh: 276,024 lbs, Total 40/70: 94,994 lbs. Total proppant pumped: 371,018 lbs. ISIP: 3,001 psi, with a Frac Gradient of .83 psi/ft. Qavg: 100 bpm, Pavg: 6,540 psi, Qmax: 102 bpm, Pmax: 8,650 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 14 Perf:** RIH with guns for stage 14 plug 14,742'. Perforated 14,728' - 14,730', 14,709' - 14,711', 14,686' - 14,688', 14,663' - 14,665', 14,640' - 14,642', 14,612' - 14,614', 14,594' - 14,596', 14,568' - 14,570'. All shots fired POOH. **Stage 14 Frac:** SICP: 1,719 psi, pumped acid @ 15 bpm, Formation breakdown--4,488 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8,518 bbls. Pumpdown--347 bbls. Total 100 Mesh: 274,161 lbs, Total 40/70: 93,468 lbs. Total proppant pumped: 367,629 lbs. ISIP: 3,112 psi, with a Frac Gradient of .84 psi/ft. Qavg: 100 bpm, Pavg: 6,642 psi, Qmax: 103 bpm, Pmax: 8,619 psi. ***Notes*** Reached total sand volume per schedule, flushed well.

7-24-17 – Initial Completion

Stage 15 Perf: RIH with guns for stage 15 plug 14,559'. Perforated 14,547' - 14,549', 14,524' - 14,526', 14,501' - 14,503', 14,478' - 14,480', 14,455' - 14,457', 14,432' - 14,434', 14,409' - 14,411', 14,386' - 14,388'. All shots fired POOH. **Stage 15 Frac:** SICP: 2571 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,455 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8,487 bbls. Pumpdown-- 323 bbls. Total 100 Mesh: 277,500 lbs, Total 40/70: 92,557 lbs. Total proppant pumped: 370,057 lbs. ISIP: 3116 psi, with a Frac Gradient of .84 psi/ft. Qavg: 99 bpm, Pavg: 7,076 psi, Qmax: 100 bpm, Pmax: 8,860 psi. ***Notes*** Reached total

sand Volume per schedule, Flushed well. **Stage 16 Perf:** RIH with guns for stage 16 plug 14,374'. Perforated 14,360' - 14,362', 14,337'- 14,339', 14,314'- 14,316' ,14,291'- 14,293', 14,268'- 14,270', 14,245'- 14,247', 14,222'- 14,224', 14,199' - 14,201'. All shots fired POOH. **Stage 16 Frac:** SICP: 2486 psi, pumped acid @ 20 bpm, Formation breakdown-- 5074 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8,195 bbls. Pumpdown-- 335 bbls. Total 100 Mesh: 277,975 lbs, Total 40/70: 92,116 lbs. Total proppant pumped: 370,091 lbs. ISIP: 3,274 psi, with a Frac Gradient of .86 psi/ft. Qavg: 97 bpm, Pavg: 6,961 psi, Qmax: 101 bpm, Pmax: 8196 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 17 Perf:** RIH with guns for stage 17 plug 14,189'. Perforated 14,175' - 14,177', 14,152'- 14,154', 14,129'- 14,131' ,14,106'- 14,108', 14,083'- 14,085', 14,060'- 14,062', 14,037'- 14,039', 14,014' - 14,016'. All shots fired POOH. **Stage 17 Frac:** SICP: 1472 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,176 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7870 bbls. Pumpdown-- 324 bbls. Total 100 Mesh: 278,721 lbs, Total 40/70: 91,370 lbs. Total proppant pumped: 370,090 lbs. ISIP: 2895 psi, with a Frac Gradient of .81 psi/ft. Qavg: 100 bpm, Pavg: 6627 psi, Qmax: 102 bpm, Pmax: 8398 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 18 Perf:** RIH with guns for stage 18 plug 14,004'. Perforated 13,990' - 13,992', 13,967'- 13,969', 13,944'- 13,946' ,13,921'- 13,923', 13,898'- 13,900', 13,875'- 13,877', 13,852'- 13,856', 13,829' - 13,831'. All shots fired POOH. **Stage 18 Frac:** SICP: 1472 psi, pumped acid @ 20 bpm, Formation breakdown-- 4000 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7014 bbls. Pumpdown-- 297 bbls. Total 100 Mesh: 276,334 lbs, Total 40/70: 95,014 lbs. Total proppant pumped: 371,348 lbs. ISIP: 2864 psi, with a Frac Gradient of .81 psi/ft. Qavg: 100 bpm, Pavg: 6926 psi, Qmax: 101 bpm, Pmax: 8614 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 19 Perf:** RIH with guns for stage 19 plug 13,819'. Perforated 13,807' - 13,809', 13,784'- 13,786', 13,761'- 13,763' ,13,738'- 13,740', 13,715'- 13,717', 13,692'- 13,694', 13,669'- 13,771', 13,646' - 13,648'. All shots fired POOH. Changed packing on stem zipper manifold again would not open all the way. **Stage 19 Frac:** SICP: 1032 psi, pumped acid @ 20 bpm, Formation breakdown-- 4349 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7004 bbls. Pumpdown-- 294 bbls. Total 100 Mesh: 279,583 lbs, Total 40/70: 92,748 lbs. Total proppant pumped: 372,331 lbs. ISIP: 3004 psi, with a Frac Gradient of .83 psi/ft. Qavg: 101 bpm, Pavg: 6,901 psi, Qmax: 102 bpm, Pmax: 8,889 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 20 Perf:** RIH with guns for stage 20 plug 13,634'. Perforated 13,622' - 13,624', 13,599'- 13,601', 13,576'- 13,578' ,13,553'- 13,555', 13,530'- 13,532', 13,507'- 13,509', 13,484'- 13,486', 13,461' - 13,463'. All shots fired POOH. Wireline re-head.

7-25-17 – Initial Completion

Stage 20 Frac: SICP: 1378 psi, pumped acid @ 20 bpm, Formation breakdown-- 4043 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7032 bbls. Pumpdown-- 266 bbls. Total 100 Mesh: 277,304 lbs, Total 40/70: 93,539 lbs. Total proppant pumped: 370,844 lbs. ISIP: 3332 psi, with a Frac Gradient of .87 psi/ft. Qavg: 98 bpm, Pavg: 7037 psi, Qmax: 100 bpm, Pmax: 8775 psi. **Stage 21 Perf:** RIH with guns for stage 21 plug 13,455'. Perforated 13,437' - 13,439', 13,414'- 13,416', 13,391'- 13,393' ,13,368'- 13,370', 13,345'- 13,347', 13,322'- 13,324', 13,299'- 13,301', 13,279' - 13,281'. All shots fired POOH. **Stage 21 Frac:** SICP: 1805 psi, pumped acid @ 20 bpm, Formation breakdown-- 4096 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8591 bbls. Pumpdown-- 265 bbls. Total 100 Mesh: 277,816 lbs, Total 40/70: 93,537 lbs. Total proppant pumped: 371,353 lbs. ISIP: 3195 psi, with a Frac Gradient of

.85 psi/ft. Qavg: 99 bpm, Pavg: 6458 psi, Qmax: 101 bpm, Pmax: 8265 psi.
 Notes Shut down during pad due to leak on zipper manifold. Lost chems at 1.00 ppa 100 mesh, cut screws. Came back up on .75 ppa. Reached total sand volume per schedule, flushed well. **Stage 22 Perf:** RIH with guns for stage 22 plug 13,264'. Perforated 13,250' - 13,252', 13,226' - 13,228', 13,206' - 13,208', 13,183' - 13,185', 13,160' - 13,162', 13,137' - 13,139', 13,114' - 13,116', 13,091' - 13,093'. All shots fired POOH. **Stage 22 Frac:** SICP: 1835 psi, pumped acid @ 20 bpm, Formation breakdown-- 4406 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 8159 bbls. Pumpdown-- 229 bbls. Total 100 Mesh: 276,467 lbs, Total 40/70: 92,795 lbs. Total proppant pumped: 369,262 lbs. ISIP: 3706 psi, with a Frac Gradient of .92 psi/ft. Qavg: 100 bpm, Pavg: 6678 psi, Qmax: 102 bpm, Pmax: 8241 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 23 Perf:** RIH with guns for stage 23 plug 13,079'. Perforated 13,067' - 13,069', 13,044' - 13,046', 13,021' - 13,023', 12,998' - 13,000', 12,975' - 12,977', 12,952' - 12,954', 12,931' - 12,933', 12,906' - 12,908'. All shots fired POOH. ***Frac down for weather (lightning) 2.5 hrs. **Stage 23 Frac:** SICP: 1785 psi, pumped acid @ 20 bpm, Formation breakdown-- 3,632 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7,437 bbls. Pumpdown-- 254 bbls. Total 100 Mesh: 280,682 lbs, Total 40/70: 95,409 lbs. Total proppant pumped: 376,090 lbs. ISIP: 3,436 psi, with a Frac Gradient of .88 psi/ft. Qavg: 100 bpm, Pavg: 6,702 psi, Qmax: 101 bpm, Pmax: 8,690 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 24 Perf:** RIH with guns for stage 24, plug 12,894'. Perforated 12,880' - 12,882', 12,859' - 12,861', 12,836' - 12,838', 12,813' - 12,815', 12,790' - 12,792', 12,767' - 12,769', 12,744' - 12,746', 12,721' - 12,723'. All shots fired POOH. Repair flowcross valves on WH, grease stacks. **Stage 24 Frac:** SICP: 1,573 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,179 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7,745 bbls. Pumpdown-- 288 bbls. Total 100 Mesh: 277,062 lbs, Total 40/70: 93,427 lbs. Total proppant pumped: 370,489 lbs. ISIP: 2,890 psi, with a Frac Gradient of .81 psi/ft. Qavg: 99 bpm, Pavg: 6,478 psi, Qmax: 101 bpm, Pmax: 8,895 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 25 Perf:** RIH with guns for stage 25, plug 12,705'. Perforated 12,692' - 12,694', 12,674' - 12,676', 12,651' - 12,653', 12,629' - 12,631', 12,605' - 12,607', 12,584' - 12,586', 12,559' - 12,561', 12,536' - 12,538'. All shots fired POOH.

7-26-17 – Initial Completion

Stage 25 Frac: SICP: 2736 psi, pumped acid @ 20 bpm, Formation breakdown-- 4013 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 9234 bbls. Pumpdown-- 268 bbls. Total 100 Mesh: 277,486 lbs, Total 40/70: 92,586 lbs. Total proppant pumped: 370,072 lbs. ISIP: 3182 psi, with a Frac Gradient of .85 psi/ft. Qavg: 96 bpm, Pavg: 7060 psi, Qmax: 103 bpm, Pmax: 9076 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 26 Perf:** RIH with guns for stage 26, plug 12,524'. Perforated 12,510' - 12,512', 12,487' - 12,489', 12,464' - 12,466', 12,441' - 12,443', 12,418' - 12,420', 12,395' - 12,397', 12,372' - 12,374', 12,349' - 12,351'. All shots fired POOH. **Stage 26 Frac:** SICP: 2880 psi, pumped acid @ 20 bpm, Formation breakdown-- 4038 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7554 bbls. Pumpdown-- 204 bbls. Total 100 Mesh: 277,549 lbs, Total 40/70: 93,496 lbs. Total proppant pumped: xxxx lbs. ISIP: 3654 psi, with a Frac Gradient of .91 psi/ft. Qavg: 99 bpm, Pavg: 6801 psi, Qmax: 101 bpm, Pmax: 8310 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 27 Perf:** RIH with guns for stage 27, plug 12,339'. Perforated 12,325' - 12,327', 12,302' - 12,304', 12,279' - 12,281', 12,256' - 12,258', 12,233' - 12,235', 12,210' - 12,212', 12,187' - 12,189', 12,164' - 12,166'. All shots fired POOH. **Stage 27 Frac:** SICP: 2640

psi, pumped acid @ 20 bpm, Formation breakdown-- 4019 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7663 bbls. Pumpdown-- 185 bbls. Total 100 Mesh: 277,439 lbs, Total 40/70: 92,011 lbs. Total proppant pumped: 369,449 lbs. ISIP: 3547 psi, with a Frac Gradient of .90 psi/ft. Qavg: 101 bpm, Pavg: 6425 psi, Qmax: 102 bpm, Pmax: 7993 psi. ***Notes*** 16:00 Shut Down 450 bbls in to pad due to leak on Iron, repaired leak and PSI test before resuming operations. Reached total sand volume per schedule, flushed well. **Stage 28 Perf:** RIH with guns for stage 28, plug 12,154'. Perforated 12,140' - 12,142', 12,117'- 12,119', 12,094'- 12,096', 12,071'- 12,073', 12,048'- 12,050', 12,025'- 12,027', 12,002'- 12,004', 11,979' - 11,981'. All shots fired POOH. Repair leak on zipper manifold and pressure test before resuming operations, ok. **Stage 28 Frac:** SICP: 1267 psi, pumped acid @ 20 bpm, Formation breakdown-- 3862 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6888 bbls. Pumpdown-- 188 bbls. Total 100 Mesh: 279,635 lbs, Total 40/70: 103,183 lbs. Total proppant pumped: 383,813 lbs. ISIP: 3,475 psi, with a Frac Gradient of .89 psi/ft. Qavg: 99 bpm, Pavg: 6,929 psi, Qmax: 102 bpm, Pmax: 8,821 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 29 Perf:** RIH with guns for stage 29, plug 11,969'. Perforated 11,957' - 11,959', 11,934'- 11,936', 11,911'- 11,913', 11,888'- 11,890', 11,865'- 11,867', 11,842'- 11,844', 11,819'- 11,821', 11,796' - 11,798'. All shots fired POOH. **Stage 29 Frac:** SICP: 1124 psi, pumped acid @ 20 bpm, Formation breakdown-- 3735 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,919 bbls. Pumpdown-- 182 bbls. Total 100 Mesh: 278,298 lbs, Total 40/70: 103,422 lbs. Total proppant pumped: 381,720 lbs. ISIP: 3,221 psi, with a Frac Gradient of .85 psi/ft. Qavg: 100 bpm, Pavg: 5,893 psi, Qmax: 102 bpm, Pmax: 5,893 psi. ***Notes*** Reached total sand volume per schedule, flushed well. RIH with guns for stage 30, plug 11,784'. Perforated 11,772' - 11,774', 11,749'- 11,751', 11,726'- 11,728', 11,703'- 11,705', 11,680'- 11,682', 11,657'- 11,659', 11,634'- 11,636', 11,611' - 11,613'. All shots fired POOH. Grease zipper manifold

7-27-17 – Initial Completion

Stage 30 Frac: SICP: 1720 psi, pumped acid @ 20 bpm, Formation breakdown-- 4044 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6935 bbls. Pumpdown-- 214 bbls. Total 100 Mesh: 282,235 lbs, Total 40/70: 90,769 lbs. Total proppant pumped: 373,003 lbs. ISIP: 3138 psi, with a Frac Gradient of .84 psi/ft. Qavg: 99 bpm, Pavg: 6051 psi, Qmax: 102 bpm, Pmax: 7350 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 31 Perf:** RIH with guns for stage 31, plug 11,599'. Perforated 11,585' - 11,587', 11,562'- 11,564', 11,541'- 11,543', 11,517'- 11,519', 11,495'- 11,497', 11,472'- 11,474', 11,449'- 11,451', 11,426' - 11,428'. All shots fired POOH. **Stage 31 Frac:** SICP: 1506 psi, pumped acid @ 20 bpm, Formation breakdown-- 4266 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7177 bbls. Pumpdown-- 216 bbls. Total 100 Mesh: 267,898 lbs, Total 40/70: 93,112 lbs. Total proppant pumped: 370,009 lbs. ISIP: 3456 psi, with a Frac Gradient of .89 psi/ft. Qavg: 100 bpm, Pavg: 6169 psi, Qmax: 102 bpm, Pmax: 7162 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 32 Perf:** RIH with guns for stage 32, plug 11,414'. Perforated 11,400' - 11,402', 11,379'- 11,381', 11,356'- 11,358', 11,333'- 11,335', 11,311'- 11,313', 11,287'- 11,289', 11,266'- 11,268', 11,241' - 11,243'. All shots fired POOH. **Stage 32 Frac:** SICP: 1547 psi, pumped acid @ 20 bpm, Formation breakdown-- 4224 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7042 bbls. Pumpdown-- 182 bbls. Total 100 Mesh: 277,254 lbs, Total 40/70: 93,006 lbs. Total proppant pumped: 370,259 lbs. ISIP: 3080 psi, with a Frac Gradient of .84 psi/ft. Qavg: 99 bpm, Pavg: 5987 psi, Qmax: 102 bpm,

Pmax: 7445 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 33 Perf:** RIH with guns for stage 33, plug 11,229'. Perforated 11,217' - 11,219', 11,194'- 11,196', 11,171'- 11,173', 11,148'- 11,150', 11,125'- 11,127', 11,102'- 11,104', 11,079'- 11,081', 11,056' - 11,058'. All shots fired POOH. Down waiting on sand 6 hrs. Maintenance zipper manifold, frac pumps, and WL equip during downtime. **Stage 33 Frac:** SICP: 771 psi, pumped acid @ 20 bpm, Formation breakdown -- 4,255 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,893 bbls. Pumpdown-- 168 bbls. Total 100 Mesh: 277,585 lbs, Total 40/70: 92,453 lbs. Total proppant pumped: 370,039 lbs. ISIP: 3,367 psi, with a Frac Gradient of .87 psi/ft. Qavg: 100 bpm, Pavg: 5,677 psi, Qmax: 102 bpm, Pmax: 7,891 psi. ***Notes*** Reached total sand volume per schedule, flushed well.

7-28-17 – Initial Completion

Stage 34 Perf: RIH with guns for stage 34, plug 11,044'. Perforated 11,032' - 11,034', 11,009'- 11,011', 10,986'- 10,988', 10,963'- 10,965', 10,940'- 10,942', 10,917'- 10,919', 10,894'- 10,896', 10,871' - 10,873'. All shots fired POOH. **Stage 34 Frac:** SICP: 2,636 psi, pumped acid @ 20 bpm, Formation breakdown-- 4728 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,760 bbls. Pumpdown--142 bbls. Total 100 Mesh: 277,580 lbs, Total 40/70: 92,754 lbs. Total proppant pumped: xxxx lbs. ISIP: 3356 psi, with a Frac Gradient of .87 psi/ft. Qavg: 99 bpm, Pavg: 5,902 psi, Qmax: 102 bpm, Pmax: 7,125 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 35 Perf:** RIH with guns for stage 35, plug 10,859'. Perforated 10,845' - 10,847', 10,822'- 10,824', 10,799'- 10,801', 10,776'- 10,778', 10,753'- 10,755', 10,730'- 10,732', 10,707'- 10,709', 10,684' - 10,686'. All shots fired POOH. **Stage 35 Frac:** SICP: 2734 psi, pumped acid @ 20 bpm, Formation breakdown-- 5255 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 7,043 bbls. Pumpdown--134 bbls. Total 100 Mesh: 277,084 lbs, Total 40/70: 93,401 lbs. Total proppant pumped: 370,484 lbs. ISIP: 3307 psi, with a Frac Gradient of .87 psi/ft. Qavg: 100 bpm, Pavg: 6338 psi, Qmax: 102 bpm, Pmax: 8304 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 36 Perf:** RIH with guns for stage 36, plug 10,674'. Perforated 10,660' - 10,662', 10,637'- 10,639', 10,614'- 10,616', 10,591'- 10,593', 10,568'- 10,570', 10,545'- 10,547', 10,522'- 10,524', 10,499' - 10,501'. All shots fired POOH. **Stage 36 Frac:** SICP: 2966 psi, pumped acid @ 20 bpm, Formation breakdown-- 4213 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,678 bbls. Pumpdown--141 bbls. Total 100 Mesh: 276,967 lbs, Total 40/70: 93,682 lbs. Total proppant pumped: 370,649 lbs. ISIP: 3767 psi, with a Frac Gradient of .93 psi/ft. Qavg: 99 bpm, Pavg: 5,898 psi, Qmax: 100 bpm, Pmax: 8,051 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 37 Perf:** RIH with guns for stage 37, plug 10,489'. Perforated 10,475' - 10,477', 10,452'- 10,454', 10,429'- 10,431', 10,406'- 10,408', 10,383'- 10,385', 10,360'- 10,362', 10,337'- 10,339', 10,314' - 10,316'. All shots fired POOH. Waiting on 100 mesh to be unloaded into silos. **Stage 37 Frac:** SICP: 1865 psi, pumped acid @ 20 bpm, Formation breakdown-- 3998 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,791 bbls. Pumpdown-- 135 bbls. Total 100 Mesh: 277,463 lbs, Total 40/70: 95,337 lbs. Total proppant pumped: 372,800 lbs. ISIP: 3,683 psi, with a Frac Gradient of .91 psi/ft. Qavg: 100 bpm, Pavg: 5,897 psi, Qmax: 100 bpm, Pmax: 7,714 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 38 Perf:** RIH with guns for stage 38, plug 10,304'. Perforated 10,290' - 10,292', 10,267'- 10,269', 10,244'- 10,246', 10,221'- 10,223', 10,198'- 10,200', 10,175'- 10,177', 10,152'- 10,154', 10,129' - 10,131'. All shots fired POOH. **Stage 38 Frac:** SICP: 1618 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,259 psi, Pumped: Total 15% HCL Acid:

48 bbls. Total Slickwater: 6,845 bbls. Pumpdown--129 bbls. Total 100 Mesh: 277,811 lbs, Total 40/70: 92,520 lbs. Total proppant pumped: 370,331 lbs. ISIP: 3,446 psi, with a Frac Gradient of .88 psi/ft. Qavg: 102 bpm, Pavg: 5,883 psi, Qmax: 102 bpm, Pmax: 7,737 psi. ***Notes*** Reached total sand Volume per schedule, Flushed well. **Stage 39 Perf:** RIH with guns for stage 39, plug 10,119'. Perforated 10,107' - 10,109', 10,084'- 10,086', 10,061'- 10,063', 10,038'- 10,040', 10,015'- 10,017', 9,992'- 9,994', 9,969'- 9,971', 9,946'- 9,948' . All shots fired POOH. **Stage 39 Frac:** SICP: 1533 psi, pumped acid @ 20 bpm, Formation breakdown-- 4071 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,555 bbls. Pumpdown--115 bbls. Total 100 Mesh: 277,501 lbs, Total 40/70: 92,842 lbs. Total proppant pumped: 370,343 lbs. ISIP: 3,588 psi, with a Frac Gradient of .90 psi/ft. Qavg: 100 bpm, Pavg: 5,755 psi, Qmax: 100 bpm, Pmax: 7,709 psi. ***Notes*** Reached total sand volume per schedule, flushed well.

7-29-17 – Initial Completion

Stage 40 Perf: RIH with guns for stage 40, plug 9,934'. Perforated 9,922' - 9,924', 9,899'- 9,891', 9,876'- 9,878', 9,853'- 9,855', 9,830'- 9,832', 9,807'- 9,809', 9,784'- 9,786', 9,761'- 9,763' . All shots fired POOH. Stage 40 Frac: SICP: 1550 psi, pumped acid @ 20 bpm, Formation breakdown-- 4760 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6911 bbls. Pumpdown--129 bbls. Total 100 Mesh: 281,111 lbs, Total 40/70: 88,657 lbs. Total proppant pumped: 369,776 lbs. ISIP: 3586 psi, with a Frac Gradient of .90 psi/ft. Qavg: 101 bpm, Pavg: 5814 psi, Qmax: 102 bpm, Pmax: 7667 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 41 Perf:** RIH with guns for stage 41, plug 9,749'. Perforated 9,737' - 9,739', 9,714'- 9,716', 9,691'- 9,693', 9,668'- 9,670', 9,645'- 9,647', 9,622'- 9,624', 9,599'- 9,601', 9,576'- 9,578' . All shots fired POOH. **Stage 41 Frac:** SICP: 2100 psi, pumped acid @ 20 bpm, Formation breakdown-- 4127 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6936 bbls. Pumpdown--87 bbls. Total 100 Mesh: 277,474 lbs, Total 40/70: 92,713 lbs. Total proppant pumped: 370,187 lbs. ISIP: 3521 psi, with a Frac Gradient of .89 psi/ft. Qavg: 101 bpm, Pavg: 6090 psi, Qmax: 102 bpm, Pmax: 7595 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 42 Perf:** RIH with guns for stage 42, plug 9,564'. Perforated 9,552' - 9,554', 9,529'- 9,531', 9,506'- 9,508', 9,483'- 9,485', 9,460'- 9,462', 9,437'- 9,439', 9,414'- 9,416', 9,391'- 9,393'. All shots fired POOH. Waiting on sand. **Stage 42 Frac:** SICP: 2140 psi, pumped acid @ 20 bpm, Formation breakdown-- 4861 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6982 bbls. Pumpdown--78 bbls. Total 100 Mesh: 277,443 lbs, Total 40/70: 92,832 lbs. Total proppant pumped: 370,274 lbs. ISIP: 3544 psi, with a Frac Gradient of .90 psi/ft. Qavg: 101 bpm, Pavg: 6069 psi, Qmax: 102 bpm, Pmax: 7511 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 43 Perf:** RIH with guns for stage 43, plug 9,379'. Perforated 9,365' - 9,367', 9,344'- 9,346', 9,321'- 9,323', 9,302'- 9,304', 9,275'- 9,277', 9,250'- 9,252', 9,229'- 9,231', 9,206'- 9,208'. All shots fired POOH. Down waiting on sand to off-load for the 1041 well. **Stage 43 Frac:** SICP: 1,614 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,060 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6920 bbls. Pumpdown--76 bbls. Total 100 Mesh: 277,880 lbs, Total 40/70: 92,664 lbs. Total proppant pumped: 370,544 lbs. ISIP: 3,638 psi, with a Frac Gradient of .91 psi/ft. Qavg: 100 bpm, Pavg: 5,763 psi, Qmax: 101 bpm, Pmax: 7,735 psi. ***Notes*** Reached total sand volume per schedule, flushed well. Stage 44 Perf: RIH with guns for stage 44, plug 9,194'. Perforated 9,180' - 9,182', 9,159'- 9,161', 9,136'- 9,138', 9,113'- 9,115', 9,090'- 9,092', 9,067'- 9,069', 9,044'- 9,046', 9,021'- 9,023' . All shots fired POOH. **Stage 44 Frac:** SICP: 993 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,341 psi, Pumped: Total 15% HCL Acid: 48

bbls. Total Slickwater: 6982 bbls. Pumpdown--67 bbls. Total 100 Mesh: 277,478 lbs, Total 40/70: 92,609 lbs. Total proppant pumped: 370,087 lbs. ISIP: 3,111 psi, with a Frac Gradient of .84 psi/ft. Qavg: 99 bpm, Pavg: 5,673 psi, Qmax: 100 bpm, Pmax: 8,249 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 45 Perf:** RIH with guns for stage 45, plug 9,009'. Perforated 8,992' - 8,994', 8,974'- 8,976', 8,949'- 8,951', 8,928'- 8,930', 8,905'- 8,907', 8,882'- 8,884', 8,859'- 8,861', 8,836'- 8,838'. All shots fired POOH. Waiting on sand to off load. **Stage 45 Frac:** SICP: 1,460 psi, pumped acid @ 20 bpm, Formation breakdown-- 3,763 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,297 bbls. Pumpdown--75 bbls. Total 100 Mesh: 277,497 lbs, Total 40/70: 92,535 lbs. Total proppant pumped: 270,032 lbs. ISIP: 3,168 psi, with a Frac Gradient of .85 psi/ft. Qavg: 100 bpm, Pavg: 5,611 psi, Qmax: 100 bpm, Pmax: 7,784 psi. ***Notes*** Reached total sand volume per schedule, flushed well.

7-30-17 – Initial Completion

Stage 46 Perf: RIH with guns for stage 46, plug 8,824'. Perforated 8,810' - 8,812', 8,787'- 8,789', 8,764'- 8,766', 8,741'- 8,743', 8,718'- 8,720', 8,695'- 8,697', 8,672'- 8,674', 8,649'- 8,651'. All shots fired POOH. **Stage 46 Frac:** SICP: 2,392 psi, pumped acid @ 20 bpm, Formation breakdown-- 3856 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,599 bbls. Pumpdown--121 bbls. Total 100 Mesh: 277,222 lbs, Total 40/70: 93,256 lbs. Total proppant pumped: 370,478 lbs. ISIP: 3471 psi, with a Frac Gradient of .89 psi/ft. Qavg: 100 bpm, Pavg: 5,643 psi, Qmax: 102 bpm, Pmax: 6,774 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 47 Perf:** RIH with guns for stage 47, plug 8,639'. Perforated 8,625' - 8,627', 8,602'- 8,604', 8,579'- 8,581', 8,556'- 8,558', 8,533'- 8,535', 8,510'- 8,512', 8,487'- 8,489', 8,464'- 8,466'. All shots fired POOH. Waiting on sand to off load. **Stage 47 Frac:** SICP: 1,517 psi, pumped acid @ 20 bpm, Formation breakdown-- 3812 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,954 bbls. Pumpdown--55 bbls. Total 100 Mesh: 277,563 lbs, Total 40/70: 92,477 lbs. Total proppant pumped: 370,040 lbs.

ISIP: 3,137 psi, with a Frac Gradient of .84 psi/ft. Qavg: 101 bpm, Pavg: 5,807 psi, Qmax: 102 bpm, Pmax: 7,435 psi. ***Notes*** Reached total sand volume per schedule, flushed well.

Stage 48 Perf: RIH with guns for stage 48, plug 8,454'. Perforated 8,440' - 8,442', 8,417'- 8,419', 8,394'- 8,396', 8,371'- 8,373', 8,348'- 8,350', 8,325'- 8,327', 8,302'- 8,304', 8,279'- 8,281'. All shots fired POOH. **Stage 48 Frac:** SICP: 1,645 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,557 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,507 bbls. Pumpdown--34 bbls. Total 100 Mesh: 277,505 lbs, Total 40/70: 93,088 lbs. Total proppant pumped: 370,593 lbs. ISIP: 3,214 psi, with a Frac Gradient of .85 psi/ft. Qavg: 100 bpm, Pavg: 5,405 psi, Qmax: 101 bpm, Pmax: 8,081 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 49 Perf:** RIH with guns for stage 49, plug 8,269'. Perforated 8,255' - 8,257', 8,232'- 8,234', 8,209'- 8,211', 8,186'- 8,188', 8,163'- 8,165', 8,140'- 8,142', 8,117'- 8,119', 8,094'- 8,096'. All shots fired POOH. **Stage 49 Frac:** SICP: 1,924 psi, pumped acid @ 20 bpm, Formation breakdown-- 4,433 psi, Pumped: Total 15% HCL Acid: 48 bbls. Total Slickwater: 6,475 bbls. Pumpdown-- 28 bbls. Total 100 Mesh: 277,359 lbs, Total 40/70: 92,799 lbs. Total proppant pumped: 370,158 lbs. ISIP: 3,608 psi, with a Frac Gradient of .90 psi/ft. Qavg: 100 bpm, Pavg: 5,483 psi, Qmax: 101 bpm, Pmax: 7,946 psi. ***Notes*** Reached total sand volume per schedule, flushed well. **Stage 50 Perf:** RIH with guns for stage 50, plug 8,084'. Perforated 8,070' - 8,072', 8,047'- 8,049', 8,024'- 8,026', 8,001'- 8,003', 7,978'- 7,980', 7,955'- 7,957', 7,932'- 7,934', 7,909'- 7,911'. All shots fired POOH. "Stage 50 Frac: SICP: 1516 psi, pumped acid @ 20 bpm, Formation breakdown-- 5197 psi, Pumped: Total 15% HCL Acid: 48

bbls. Total Slickwater: 6,648 bbls. Pumpdown-- 24 bbls. Total 100 Mesh: 277,509 lbs, Total 40/70: 92,589 lbs. Total proppant pumped: 370,098 lbs. ISIP: 2417 psi, with a Frac Gradient of .75 psi/ft. Qavg: 99 bpm, Pavg: 5496 psi, Qmax: 102 bpm, Pmax: 7478 psi. ***Notes*** Reached total sand volume per schedule, flushed well. RIH set Kill Plug @ 6,710' Negative test for 30 min, good test. RDMO frac equipment, standby for coil tubing unit.

7-31-17 – Initial Completion

All Frac services are moved out. Standby for coil tubing unit.

8-1-17 – Initial Completion

Standby for coil tubing. CTU is scheduled to arrive today pending weather and road conditions.

8-2-17 – Initial Completion

Rigged up flowback equipment with plug catcher to reserve pit. Drill out chems delivered. Coil tubing crane, pumps, and N2 spotted on location. Coil reel trailer held up due to rain and wet road conditions. DOT regulations forbid over size loads to road in rainy conditions.

Note: As of report time, coil reel is on the ranch and will be on location shortly.

8-3-17 – Initial Completion

Coil unit currently drilling plugs on 1041A well. Standby for drill out.

8-4-17 – Initial Completion

Coil unit currently drilling plugs on 1041A well. Standby for drill out.