



Activity - Chronology by Job - Multi Summary

Well Name: UNIVERSITY BLK 21 1810H

API/UWI 4249533822	SAP Cost Center ID 1698591001	Permit Number 824380	State/Province Texas	County Winkler
Surface Location	Spud Date 11/6/2017 15:00	Original KB Elevation (ft) 2,853.50	Ground/Corrected Ground Elevation (ft) 2,827.00	KB-Ground Distance (ft) 26.50

Job: Initial Completion, Start Date: 12/18/2017

Job Category Completion	Primary Job Type Initial Completion	Secondary Job Type	Start Date 12/18/2017	End Date 3/2/2018
AFE Number DD.2015.07301	Total AFE Amount (Cost) 4,565,000.00	Total Field Estimate (Cost) 4,129,192.57	Total Final Invoice (Cost) -2,985,963.17	
End of Job Summary				

Notes for Next Job

Operations Next Report Period
<p> 1. Operations </p> <p> 2. Operations </p> <p> 3. Operations </p> <p> 4. Operations </p> <p> 5. Operations </p> <p> 6. Operations </p> <p> 7. Operations </p> <p> 8. Operations </p> <p> 9. Operations </p> <p> 10. Operations </p> <p> 11. Operations </p> <p> 12. Operations </p> <p> 13. Operations </p> <p> 14. Operations </p> <p> 15. Operations </p> <p> 16. Operations </p> <p> 17. Operations </p> <p> 18. Operations </p> <p> 19. Operations </p> <p> 20. Operations </p> <p> 21. Operations </p> <p> 22. Operations </p> <p> 23. Operations </p> <p> 24. Operations </p> <p> 25. Operations </p> <p> 26. Operations </p> <p> 27. Operations </p> <p> 28. Operations </p> <p> 29. Operations </p> <p> 30. Operations </p> <p> 31. Operations </p> <p> 32. Operations </p> <p> 33. Operations </p> <p> 34. Operations </p> <p> 35. Operations </p> <p> 36. Operations </p> <p> 37. Operations </p> <p> 38. Operations </p> <p> 39. Operations </p> <p> 40. Operations </p> <p> 41. Operations </p> <p> 42. Operations </p> <p> 43. Operations </p> <p> 44. Operations </p> <p> 45. Operations </p> <p> 46. Operations </p> <p> 47. Operations </p> <p> 48. Operations </p> <p> 49. Operations </p> <p> 50. Operations </p> <p> 51. Operations </p> <p> 52. Operations </p> <p> 53. Operations </p> <p> 54. Operations </p> <p> 55. Operations </p> <p> 56. Operations </p> <p> 57. Operations </p> <p> 58. Operations </p> <p> 59. Operations </p> <p> 60. Operations </p> <p> 61. Operations </p> <p> 62. Operations </p> <p> 63. Operations </p> <p> 64. Operations </p> <p> 65. Operations </p> <p> 66. Operations </p> <p> 67. Operations </p> <p> 68. Operations </p> <p> 69. Operations </p> <p> 70. Operations </p> <p> 71. Operations </p> <p> 72. Operations </p> <p> 73. Operations </p> <p> 74. Operations </p> <p> 75. Operations </p> <p> 76. Operations </p> <p> 77. Operations </p> <p> 78. Operations </p> <p> 79. Operations </p> <p> 80. Operations </p> <p> 81. Operations </p> <p> 82. Operations </p> <p> 83. Operations </p> <p> 84. Operations </p> <p> 85. Operations </p> <p> 86. Operations </p> <p> 87. Operations </p> <p> 88. Operations </p> <p> 89. Operations </p> <p> 90. Operations </p> <p> 91. Operations </p> <p> 92. Operations </p> <p> 93. Operations </p> <p> 94. Operations </p> <p> 95. Operations </p> <p> 96. Operations </p> <p> 97. Operations </p> <p> 98. Operations </p> <p> 99. Operations </p> <p> 100. Operations </p>

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary #1	Summary #2	Ops Remarks/Summary #3
1.0	12/17/2017	12/18/2017	8,037.44	8,037.44	Cont rpt to AFE 1500951 for initial Completion,No Venting Review JSA's Initiate SOP's HSM MIRU Capitan WL ND blind flange RIH W/ 3.75" GR junk basket to 12,280'. POOH, RIH W/ RBT to 12200' and log to surface log W/ 0 psi RDMO CMIC Adam Hegwer		
2.0	12/19/2017	12/20/2017	1,460.00	9,497.44	No Venting. Set and fill Tanks		
3.0	12/20/2017	12/21/2017	13,638.23	23,135.67	No Venting. Held JSA safety meeting. Spot pumps and RU hardline, treat water with biocide, test all equipment (failed leaking) fix and test again(good) test csg to 7500psi for 30 min (good lost 92psi) bring up 500 to 8000psi and held for 5 min(didnt open) bring up 500 to 8500psi and held for 5 min(didnt open) bring up 500 to 9000psi and held for 5 min(didnt open) start pumping and sleeve opened @9300psi. Pump a csg volume 505bbls + 50bbls, pump 24bbls of 15%, start flush never saw an acid break, pumped a total of 1215bbls. Stop pumping and SICP@4900psi. RDMOL CMIC-Earl Cote BWLTR-1215		
4.0	1/9/2018	1/10/2018	8,290.00	31,425.67	No venting. Prepare for frac. CMIC-D.Dever/R.Cook BWTR-1215		
5.0	1/10/2018	1/11/2018	19,928.00	51,353.67	No Venting, Held JSA Safety meeting, Set up Sand silo's, NU Goathead and test to 10K, Offloading sand, CMIC-R.Hackler/R.Cook BWTR-1215		
6.0	1/11/2018	1/12/2018	5,580.00	56,933.67	No venting, Held JSA's/SM, Frac MIRU,RU Flowback, Start Frac equipment, Site safe restrain all iron, MIRU WL, Prime up and PSI test all ground iron and Flowback, CMIC-R.Hackler/R.Cook BWTR-1215		



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7.0	1/12/2018	1/13/2018	281,166.60	338,100.27	No venting, Review JSA's, Initiate SOP's, Hold SM. PSI Test lines, open well frac stage 1. Stage 1 pumped no issues. WL stage 2 ASF POOH. Pressure test, Drop ball, Frac stage 2, RIH WL to perf stage 3 (WTF 4.5 Trufac @ 16,580'), ASF, POOH, Grease Well, Pressure Test, Drop ball, Frac stage 3, on 2.0 100mesh stage the 1804H pressure got to 3800psi, tried to finish the stage but on the 2.0 40/70RC stage the pressure got to 4000psi and we went to flush leaving 6,500# of sand not pumped, Flushed the well and wait on directions CMIC-R.Hackler/R.Cook BWTR-23,283		
8.0	1/13/2018	1/14/2018	5,880.00	343,980.27	No venting, Review JSA's, Initiate SOP's, Hold SM. Operations on Hold until we can set a plug in Well 1804H CMIC-R.Hackler/R.Cook BWTR-23,283		
9.0	1/14/2018	1/15/2018	89,165.97	433,146.24	No venting, Review JSA's, Initiate SOP's, Hold SM, Operations on hold til plug is set in the 1804 well, Cast iron plug set, Starting equipment and getting WL ready to do injection test with gel, Cont to pump tubing and casing to 2500psi on 1804H, Pressure test, OW to do injection test 50bpm @ 7970 with 150bbl gel sweep, WL RIH to perf stage 4 (WTF Trufac @ 16,428'), ASF, POOH, Drop ball, Frac stage 4, during 1.50 100Mesh sand we started having pump issues and could only achieve 74bpm, so we were flushing the well to figure out the problem and the popoff on the casing for the 1804H went off and was spraying gas laden fluid, so we shut off all equipment on location and closed in the casing valve, we were only able to flush 126bbbs leaving 23,500lbs in the wellbore, 168,000lbs of sand placed for stage 4. CMIC-R.Hackler/R.Cook BWTR-29,175		
10.0	1/15/2018	1/16/2018	29,116.00	462,262.24	No venting, Review JSA's, Hold SM, Flush stage 4 sand that was left in wellbore from emergency shutdown, 1,055bbbs total, 27bpm @ 7860psi, RIH WL to perf stage 5 (WTF Trufac @ 16,280'), Plug set, ASF, POOH, Did not drop ball, Pump 10bbbs of brine in wellhead, RD Frac, WL and Crane, CMIC-R.Hackler/R.Cook BWTR-30,355		
11.0	1/16/2018	1/17/2018	20,191.00	482,453.24	No venting, Review JSA's, Hold SM, RD location.		
12.0	1/17/2018	1/18/2018	20,191.00	502,644.24	No venting, Review JSA's, Hold SM, Down all daydue to 1804 well, Frac started to RD at noon. Frac crew from 1310H started RU of backfield		
13.0	1/18/2018	1/19/2018	86,792.50	589,436.74	No venting, Review JSA's, HSM, RU Frac, Restrain iron, Spot WL,		

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14.0	1/19/2018	1/20/2018	100,213.90	689,650.64	No venting, Review JSA's, Initiate SOP's, Hold SM. RU Frac, RU WL, Down all day waiting to get 1804 well fixed. Prime up, Pressure test all iron, Open well, drop ball, frac stage 5, Function test WL BOP's, Shell test lubricator, RIH WL to perf stage 6 (WTF Trufrac @ 16,130'), CMIC-R.Hackler/R.Cook BWTR-41,337		
15.0	1/20/2018	1/21/2018	192,415.05	882,065.69	No venting, Review JSA's, Initiate SOP's, Hold SM, WL stage 6 ASF POOH, Frac stage 6, Good stage no issues. WL stage 7 (WTF Trufrac @ 15,980'). ASF, POOH, Drop ball, Frac stage 7, While flushing acid away Water Transfer had a pump go down on the pit, Swap out pumps 2hrs, and resume stage pumped to completion, While trying to get wireline to perf stage 8 the crown valve could not be opened, Waiting on a replacement valve, ND old valve, NU new valve and WL flange, PSI test to 9,500 psi, RIH WL to perf stage 8 (WTF Trufrac @ 15,830), CMIC-R.Hackler/R.Cook BWTR-58,046		
16.0	1/21/2018	1/22/2018	186,301.95	1,068,367.64	No venting, Review JSA'S, Initiate SOP's, HSM, Cont. RIH WL to perf stage 8, Frac stage 8. No issues, good stage. Unable to WL for high winds. RIH WL to perf stage 9 (WTF Trufrac @ 15,680'), ASF, POOH, Drop ball, Frac stage 9, 15K short on 40/70RC, RIH WL to perf Stage 10 (WTF Trufrac @ 15,530'), ASF, POOH, Drop ball, Start Frac stage 10, CMIC-R.Hackler/R.Cook BWTR-77,337		
17.0	1/22/2018	1/23/2018	351,025.85	1,419,393.49	No venting, Review JSA'S, Initiate SOP's, HSM, Frac stage 10. No issues, Good stage. WL stage 11 (WTF TruFrac plug @15,380), ASF POOH. Frac stg 11, Good stg, AIR 76.8 ATP 8611 MIR 83.9 MTP 9200, Had a pressure spike 376 bbl into the .5lb that caused the pressure to go to 9200lb, was able to get right back into it. RIH WL Perf Stg 12, set WTF TruFrac plug@ 15,228 ASF POOH, Prime and PSI test to 9,539, Drop ball, Stage 12 pumped to completion, AIR-78.2, ATP-8433,MIR-83.1, MTP-8812, RIH WL to perf Stage 13 (WTF Trufrac 4 1/2" @ 15,080), ASF, POOH, Prime up and PSI test to 9510, Drop ball, Stage 13 pumped to completion, AIR-76.3, ATP-8464, MIR-80.2, MTP-8817, Brine ground iron, RIH WL to perf stage 14 (WTF Trufrac 4 1/2" @ 14,930'), Plug did not set, POOH 50fpm in 7", CMIC-R.Hackler/R.Cook BWTR-110,070		

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18.0	1/23/2018	1/24/2018	262,050.29	1,681,443.78	No venting, Review JSA,s, Initiate SOP's, HSM, WL-RIH on 2nd run for Stg 14, Set WFT 4 1/2" TruFrac plug @14,930, Fired first 2 guns and none of the others would fire, POOH, WL-RIH 3rd time for Stg 14, Perf 14 ASF POOH, Drop ball, Grease well valves, Prime & PT lines to 9462 psi, Test good, Frac Stg 14, Pumped to completion, AIR-77.9, ATP-8559, MIR-85.8, MTP-8885, RIH -WL Perf Stg 15, Set 4 1/2" TruFrac plug @ 14,780, ASF-POOH, Drop ball, Prime & psi tst lines to 9525 Good test. Frac stage 15, pumped to completion. ATP - 8571 AIR - 79.8 MTP - 8882 MIR - 82.8 RIH-WL to Perf stage 16, plug set @14630' ASF-POOH. Drop ball, Prime & psi tst lines to 9500 Good test. Frac stage 16, pumped to completion. ATP - 8567 AIR - 77 MTP - 8818 MIR - 79.3 RIH-WL to Perf stage 17, plug set @ 14476' Set 4 1/2" Tru Frac Plug ASF-POOH. Drop Ball and PSI test for stage 17 at time of report CMIC / R.Hackler/J.Birdine BWTR 134843		
19.0	1/24/2018	1/25/2018	259,648.45	1,941,092.23	No venting, Review JSA,s, Initiate SOP's, HSM. Cont from previous day. Drop ball, Prime up psi tst lines to 9502, Good test Frac Stg 17 to completion. AIR74.3, ATP 8583, MIR 86.2, MTP 8783, RIH-WL, Perf Stg 18, Set TruFrac 4 1/2" plug @ 14,330, Drop ball, Psi tst lines to 9576, Good tst,Frac stg 18 to completion, AIR-75.4, ATP-8566, MIR-88.7, MTP-8807, Lost several pumps on 2lb & could only get 83bpm due to lack of horsepower, RIH-WL, Perf stage 19, Set WTF TruFrac 4 1/2" plug @ 14,180, ASF-POOH, Drop ball, Prime up PSI Test 9528 good test. Frac stage 19. Pumped to completion AIR - 71.5 ATP - 8385 MIR - 82.6 MTP - 9172. RIH WL to perf stage 20. Plug set @ 14030 WFT Tru-Frac 4 1/2 ", Drop Ball, Prime up PSI test Good Test Frac Stage 20 @ time of report CMIC / R.Hackler/J.Birdine BWTR 159186		



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20.0	1/25/2018	1/26/2018	360,439.79	2,301,532.02	No venting, Review JSA,s, Initiate SOP's, HSM. Finish Stg 20, Pumped to completion, RIH-W-WL, Perf Stg 21, WTF 4 1/2' TruFrac Plug set @ 13,880, ASF-POOH, Drop ball, Psi tst lines to 9517, Good tst, Frac stg 21, Pumped to completion, AIR82.3, ATP-8520, MIR-90.5, MTP-8724, RIH-W-WL, Perf stg 22, WTF 4 1/2' TruFrac plug set @13,730, Drop ball, Psi tst lines to 9570, Good tst, Frac stg 22, AIR-83.4, ATP-8563, MIR-89.4, MTP-8813, RIH-W-WL, Perf stg 23, WTF 4 1/2' TruFrac plug set @ 13,580, ASF-POOH, Drop ball, Gease well, Prime up & psi tst lines to 9510, Good Test, Frac stg 23, Pumped to completion, AIR-78.4, ATP-8427, MIR-84.4, MTP-8780. RIH-W-WL, Perf stg 24, WTF 4 1/2' TruFrac Plug set @ 13,434, ASF-POOH. Drop ball, prime up test lines to 9531, good test, Frac stg 24, Pumped to completion. CMIC / R.Hackler/J.Birdine BWTR 134843		
21.0	1/26/2018	1/27/2018	317,004.77	2,618,536.79	No venting, Review JSA,s, Initiate SOP's, HSM. RIH-W-WL Perf. Stg 25, WTF 4 1/2' TruFrac Plug set @ 13,280, ASF-POOH, Drop ball, Psi tst lines to 9580, Frac stg 25, pumped to completion, AIR-79.9, ATP-8597, MIR-88.4, MTP-8916, Was only able to get 86 bpm due to pumps overheating, RIN- W-WL, Perf stg 26, WFT 4 1/2' TruFrac plug set @13130, ASF-POOH, Grease well, Drop ball, Psi tst line to 9572, Frac stg 26, Stg pumped to completion,AIR83, ATP-8253, MIR- 90.4, MTP-8718, Was unable to maintain full rate for stage 86bpm max, RIH-W-WL, Perf stg 27, WFT 4 1/2" TruFrac plug set @ 12,980, ASF-POOH, Drop ball, Psi tst lines to 9582, Frac stg 27 to completion, AIR-82.9, ATP-8415, MIR-88.1, MTP-9089, RIH-W-WL, Perf stg,28, WTF 4 1/2' TruFrac plug set @ 12,830, ASF-POOH, Drop ball, PSI test lines to 9570, Frac stg 28, pumped to completion, AIR-85.3, ATP-8518, MIR-90.3, MTP-8899. RIH-W-WL, Perf stg 29, POOH to confirm only 7 shots fired, has confirmed only 7 shots fired, WL Supervisor re-wired the 8 shot and inspected the remaining 4 shots and going BIH to finish Perfs for stg 29. WTF 4 1/2' TruFrac Plug set @ 12,682, ASF-POOH. Drop Ball, Psi test lines to 9474 CMIC / R.Hackler/J.Birdine BWTR 155129.07		
22.0	1/27/2018	1/28/2018	61,609.94	2,680,146.73	No venting, Review JSA's, Initiate SOP's, HSM, Frac stg 29, Stg pumped to completion, AIR-84.3, ATP-8472, MIR-90.4, MTP-8708, Brine cap well, RDMO prepare location for drillout, ND goat head & crown valve, Secure well, Suspend Rpt till DO,		

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23.0	2/9/2018	2/10/2018	29,034.82	2,709,181.55	No Venting, SM, Review JSA's, Initiate SOP's. Finish rigging up Flowback and getting location ready for CTU. Spotted CTU unit RU CTU. . NU CTP 10K BOP's. Make up Motley 2.88" coil connector to CT w/2.88" duel flapper back pressure vlv. Pull test to 25,000 lbs. Tst OK. Make up 2.88" Global jar, 2.88" hydraulic disconnect, 2.88" dual circulating sub, 2.88" FLEX sub. NOV Agitator (160GPM) PT BHA to 3,000 psig. Tst OK. Make up 2.88 PDM 5/6 4.7 stage .7830 standard motor 2.88" bit sub & 3.75" VARILE seal-bearing tri-cone bit. Load CT w/86 bbls treated wtr. Check motor. Tst OK. SICP 3,900 psig.		
24.0	2/10/2018	2/11/2018	95,060.91	2,804,242.46	No Venting, SM, Review JSA's, Initiate SOP's. RIH CT to 12,691' (plug #1 CTM). DO plug #1 in 8 min @ 3.0 BPM, circ press @ 6,500psig & WH press @ 3,600 psig. RIH CT to 12,830' (plug #2). DO plug #2 in 29 min @ 3.0 BPM, circ press 6,300 psig & WH press @ 3,700 psig. RIH CT to 12,980' (plug #3). DO plug #3 in 14 min @ 3.0 BPM, circ press @ 6150 psig & WH press @ 3500 psig. RIH CT to 13,138' (plug #4). DO plug #4 in 15 min @ 3.0 BPM, circ press @ 6300 psig & WH press @ 3400 psig. RIH CT to 13,287' (plug #5). DO plug #5 in 19 min @ 3.0 BPM, circ press @ 6450 psig & WH press @ 3600 psig. RIH CT to 13,440' (plug #6). DO plug #6 in 14 min. @ 3bpm Circ press @ 6300 psig & WH press @ 3700 psig. RIH CT to 13,586' (plug #7). DO plug #7 in 10 min @ 3.0 BPM, circ press @ 6800 psig & WH press @ 3900 psig. RIH CT to 13,742' (plug #8). DO plug #8 in 9 min @ 3.0 BPM, circ press @ 6800 psig & WH press @ 3900 psig. RIH CT to 13,886' (plug #9). DO plug #9 in 12 min. Circ press @ 6100 psig & WH press @ 3800 psig. RIH CT to 14,037 (plug #10) DO plug # 10 in 10 min @ 3bpm. Circ press@ 6200, WH press @ 3500psi. RIH CT to 14,190 (plug # 11). DO plug # 11 in 10 min @ 3bpm. Circ press @ 6200 WH press @ 3500psi. RIH CT to 14,339 (plug # 12). DO plug # 12 in 8 min @ 3bpm. Circ pressure @6200, WH Press @ 3300. RIH CT to 14,487' (plug # 13). DO plug # 13 in 9 min @ 3bpm. Circ press @ 6200 WH press @ 3200 psi. RIH CT to 14,637' (plug # 14) DO plug # 14 in 7 min @ 3bpm. Circ psi @ 6100, WH psi @ 3200. RIH CT to 14,787' (plug # 15) DO plug # 15 in 7 min @ 3bpm. Circ psi @ 6100 WH psi @ 3200. RIH CL to 14,933 (plug #16) Do plug # 16 in 4 min @ 3bpm. Circ press @ 6700psi WH psi @ 3000. Pump 10 bbl sweep @ 91vis. RIH CT to 15,087, (plug#17). DO #17 in 9 min @ 3bpm. Circ press @ 6800psi. WH @ 3000psi. Pump 10 bbl sweep @ 85vis. RIH CT to 15,231' (plug # 18). DO # 18 in 3 min @ 3bpm, Circ press @ 6700psi, WH @ 2900 psi. RIH CT to 15,375 (plug # 19). DO # 19 in 9 min @ 3bpm. Circ press		
25.0	2/11/2018	2/12/2018	154,571.05	2,958,813.51	No Venting, SM, Review JSA's, Initiate SOP's. Started pulling out of hole pumping 10 bbl sweeps every 1000' to 12550' stop circulate 20 mins, .pull up to 11500' pump 10 sweep and circulate 50 mins. POOH, RD, CTU, and rest of location MOL.		
26.0	2/12/2018	2/13/2018	25,600.40	2,984,413.91	No Venting, Review JSA, Initiate SOP's HOLD SM. MI Pulling unit, RU Unit, MI RU WLU, PU 5.90" GR/JB PU Lube Test to 3500 3 psig (tested) Equalize Pressure OW GR would not clear WH, made several attempts, SWI Bled down psi, ND Lube viewed GR, replaced GR, repeat Process, still could not clear WH, SWI Secured well SDON will ND Xflow & upper Frac VLV., will retry to Clear WH. end of Daily report CMIC Mo Gomez		



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27.0	2/13/2018	2/14/2018	9,205.00	2,993,618.91	NO Venting, Review JSA, Initiate SOP'S, FT Posi Stop, Hold SM. Check SIP 3100 #psig, MI ND crew, ND Xflow & upper Master Valve, RU WLU, (Renegade) OW TIH with 5.90"GR/ JB would not clear WH. Replaced with 5.75" OW TIH would Not clear, Ran JB 2 3/4" would clear WH but would bump @ Frac vlv Ran a 4.65 "GA. JB, OW TIH had issues @ Frac /WH. TOH SWI LD Lube RLD WLU Secured well SDON end of daily report CMIC Mo Gomez	No Venting Review JSA's initiate SOP's HSM RTI Clean Sand X &Frac tanks CMIC Dustin Dever	
28.0	2/14/2018	2/15/2018	68,287.05	3,061,905.96	No Venting, Review JSA, Initiate SOP's Hold SM. SIP 3100 # psig. MI ND crew, ND BOPE, NU Flow Cross, Torque up to spec, MI FB EQ & Crew Hld Additional SM, RD MO Pulling unit. Move to UB 21 -1805H Secured well end of daily report.. CMIC MO Gomez	No Venting Review JSA's initiate SOP's HSM RTI Cont to Clean Frac tanks CMIC Dustin Dever	
29.0	2/14/2018	2/15/2018	3,980.00	3,065,885.96	NO Venting, Review JSA, Initiate SOP'S, MIRU Select Flowback service. Run flow back srfc iron. OWU 20/64 chk. Flowed 240 bls fluid no gas. Surged several times while working frac valve. On 2nd attemp. MV was tight. SWI & Wait on Daylights.		
30.0	2/15/2018	2/16/2018	5,180.00	3,071,065.96	NO Venting, Review JSA, Initiate SOP'S, Nipple down night capflowcross, MV, Recovered 4x5' packer element from flow cross. Clean & Inspect. Install flow cross then, MV. Night cap.		
31.0	2/16/2018	2/17/2018	4,593.59	3,075,659.55	NO Venting, Review JSA, Initiate SOP'S, MIRU Renegade WLU. RIH w/ 5.90', 5.5' GR. Could not clear top of the second B section. RIH w/ 4.65 GR/JB work thru Bsection of well head. TIH 5000'. POH Ld GR/JB. Had no recovery. SWI		
32.0	2/17/2018	2/18/2018	5,480.00	3,081,139.55	NO Venting, Review JSA, Initiate SOP'S, MIRU Renegade WLU. RIH w/ 3.75" GR & junk basket. Tgd up @ 11,416'. Made several attemps & techniques to get in to liner top. Unsucc. TOH w/ Tools. Pulled tight @ 150' FS. 500# over. Work thru TS. Ld GR?JB. Had no recovery. Drain stack & inspect for debris, (None). Wireline had severe torque. Cut off 1000' & Rehead. Flowed back 200 bls on 20/64 chk. all fluid no Gas. Break down srfc line & trash basket to inspect for debris, (None). SWI for night.		
33.0	2/19/2018	2/20/2018	19,784.28	3,100,923.83	NO Venting, Review JSA, Initiate SOP'S. SICP 3200 psig. , MIRU Renegade WLU. RIH w/ 3.75" GR & junk basket. Tgd up @ 11,416'. Made several attempts & techniques to get in to liner top. Unsucc. OWU Flowed 2 BPM. Was succsessful in getting into LT. RIH fr/ 11,416 to 11,650'. POH. Wireline tools hang up at GL. SWI Ld GR/JB. recovered several large pieces of composite plug parts. RIH w/ 3.75" GR & junk basket. Tgd up @ 11,416'. Made several attemps & techniques to get in to liner top. Unsucc. Wireline tools hang up @ GL. RDMO WLU.		
34.0	2/20/2018	2/21/2018	3,980.00	3,104,903.83	No venting.Review JSA's.Initiate SOP'S. Ready pad site for Key CTU. Key's equipment could not make job today.		

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XTOENERGY

Activity - Chronology by Job - Multi Summary

Well Name: UNIVERSITY BLK 21 1810H

API/UWI
4249533822

Surface Location

SAP Cost Center ID
1698591001

Spud Date
11/6/2017 15:00

Permit Number
824380

Original KB Elevation (ft)
2,853.50

State/Province
Texas

Ground/Corrected Ground Elevation (ft)
2,827.00

County
Winkler

KB-Ground Distance (ft)
26.50

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary #1	Summary #2	Ops Remarks/Summary #3
35.0	2/21/2018	2/22/2018	4,680.00	3,109,583.83	No venting,review SOP'S. HSM. Spot and rig up Key CTU spread. Make up a 3 3/4"OD Motley 4 blade junk mill and BHA. Test equipment to 7000 psi and function test same. R.I.H. pumping 1bbl in and 1 bbl out. Run thru top of liner @11,448 down to 11,700 with no obstructions. P.O.H. CMIC: R.Young / E. Knight		
36.0	2/22/2018	2/23/2018	25,754.20	3,135,338.03	No venting,review SOP'S and HSM. Make up a 4 1/2 Baker RBP and R.I.H. circulating 2bbls in and 2 bbls out. Spot RBP @ 11,575', pump seating ball down with 86 bbls and set RBP with 7100 psi. Pull setting tool 100' above top of liner, close manifold and test plug to 6300 psi for 5 mins [held]. Bleed pressure off for a 5 min negative test,good. P.O.H. and had to work BHA thru tight spot at 5' fro G/L. Make up second Baker RBP and R.I.H. while circulating 1bbl in and 1 bbl out. Spot RBP @ 11,475', pump ball down w/86bbls and set RBP with 7000 psi. P.O.H. CMIC: R.Young / E. Knight		
37.0	2/23/2018	2/24/2018	68,443.95	3,203,781.98	No venting,review SOP'S and HSM. Rig down Key W/L. Nipple down 10K frac stack and inspect, no problems. Upon future inspection it was determined that the wrong B-section had been installed. Nipple down and replace with the correct size. CMIC: R.Young / E. Knight		
38.0	2/24/2018	2/25/2018	40,485.00	3,244,266.98	No venting,review SOP'S and HSM. Finish nippleing up B-section and lower frac valve. Test shell to 5400 psi for 5 min [good test].Bleed pressure off well and secure. W.O. wire line unit. Recovered a total of 137 bbls of oil.		
39.0	2/25/2018	2/26/2018	6,745.00	3,251,011.98	No venting.Waiting on wireline truck. CMIC: R.Young		

XTO Energy

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Report Printed: 3/12/2019



Activity - Chronology by Job - Multi Summary

Well Name: UNIVERSITY BLK 21 1810H

API/UWI 4249533822	SAP Cost Center ID 1698591001	Permit Number 824380	State/Province Texas	County Winkler
Surface Location	Spud Date 11/6/2017 15:00	Original KB Elevation (ft) 2,853.50	Ground/Corrected Ground Elevation (ft) 2,827.00	KB-Ground Distance (ft) 26.50

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary #1	Summary #2	Ops Remarks/Summary #3
40.0	2/26/2018	2/27/2018	60,324.81	3,311,336.79	No venting. Review JSA. Review SOP'S. Hold HSM. RU Renegade WLU. PT lube to 3,000 psig. Tst OK. RIH w/Baker ret hd. Latch & rls RBP @ 11,475'. POH w/RBP. RIH w/ret hd. Press csg to 3500 psi & latch & rls RBP @ 11,575' w/500 psi drop in press. POH w/RBP. PU 7" production pkr. When equalizing pressure, bleed off line came loose, cut wire and packer fell 12' to top of valve. A near miss was encountered from hose. No injuries. RIH 7" packer and R.I.H. and tool stopped at 7366'. Set packer an perform a negative test [Pkr holding].P.O.H. secure well and release wireline. CMIC: R.Young		
41.0	2/27/2018	2/28/2018	10,031.13	3,321,367.92	No Venting. Review JSA. Initiate SOP'S. Hold SM. SICIP 0 psig. MIRU Basic rig #1712 & FLX rev unit, FT Posi Stop, ND frac stack. NU & FT BOPE, PT to 3000 psig. Tst OK. MI 2 7/8", 6.5#, L-80, TK- 70XT IPC tbg. PU & TIH 6-3/4" Weatherford On/Off tool & GL vlvs design per procedure &120 jts tbg. SWI. SDFD. Mo Gomez on location.		
42.0	2/28/2018	3/1/2018	10,858.65	3,332,226.57	No Venting. Review JSA. Initiate SOP's. Hold SM. SITP 0 psig. SICIP 0 psig. FT BOPE. FT Posi stop. Cont TIH 2 7/8", 6.5#, L-80, TK-70XT, 8rd, EUE, IPC tbg & GL vlvs per design. Tg pkr @ 7380'. Circ 280 BFW w/110 gals Nalco pkr fld. Engage pkr w/on-off tl. Ld tbg w/donut w/12K comp. ND BOPE. NU 10K B-2 & 10K master vlv w/5K tree. SWI. SDFN. CMIC Mo Gomez..		
43.0	3/1/2018	3/2/2018	101,526.00	3,433,752.57	No venting. Review JSA. Initiate SOP's. Hold SM. SITP 0 psig. SICIP 0 psig. FT POSI stop. MIRU Renegade WLU. PT lube to 3400 psig. TstOK. RIH w/sb. Tg ceramic disc @7380'. Press tbg to 3400 psig. Rupture disc. Press equalized @ 3100 psig. POH w/sb. SWI. RDMO WLU. RDMO Basic rig 1712 & FLX rev unit. Suspend rpts pending MIRU flowback equip. CMIC Mo Gomez..		
44.0	3/2/2018	3/3/2018	11,315.00	3,445,067.57	In 24 Hrs well flowed 109 BO + 1259 BW + 119 MCF on a 20/64 choke w/2762 psi FTP. 239,328 BWTR, 1,888 BWR (.8%), 237,440 BWLTR. Light sand, Chl 28,444.		
45.0	3/3/2018	3/4/2018	10,895.00	3,455,962.57	In 24 Hrs well flowed 301 BO + 1968 BW + 273 MCF on a 20/64 choke w/2580 psi FTP. 239,328 BWTR, 3,856 BWR (1.6%), 235,472 BWLTR. Trace sand, Chl 26,074.		
46.0	3/4/2018	3/5/2018	13,445.00	3,469,407.57	In 24 Hrs well flowed 174 BO + 1799 BW + 248 MCF on a 20/64 choke w/2581 psi FTP. 239,328 BWTR, 5,655 BWR (2.4%), 233,673 BWLTR. Light sand, Chl 26,074.		
47.0	3/5/2018	3/6/2018	13,445.00	3,482,852.57	In 24 Hrs well flowed 352 BO + 2268 BW + 353 MCF on a 22/64 choke w/2150 psi FTP. 239,328 BWTR, 7923 BWR (3.3%), 231,405 BWLTR. Light sand, Chl 26,074.		
48.0	3/6/2018	3/7/2018	13,445.00	3,496,297.57	In 24 Hrs well flowed 408 BO + 2754 BW + 427 MCF on a 22/64 choke w/2010 psi FTP. 239,328 BWTR, 10,777 BWR (4.5%), 228,551 BWLTR. Medium sand, Chl 26,074.		

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