



Activity - Chronology by Job

Well Name: Pcu T35x-11g3

API/UWI 05103105270000	SAP Cost Center ID 1545144001	Permit Number 20042435	State/Province Colorado	County Rio Blanco
Surface Location T02S-R97W-S11	Spud Date 3/18/2005 00:00	Original KB Elevation (ft) 7,016.00	Ground Elevation (ft) 6,991.00	KB-Ground Distance (ft) 25.00

Cement Work

Job Category Well Maintenance	Primary Job Type Cement Work	Secondary Job Type	Start Date 12/13/2018 09:30	End Date 1/8/2019 14:00
Objective Change out Tbg. & squeeze Ohio Creek, CO Sand fill	Quick Summary CEMENT WORK	SAP AFE Number RW.2018.07015	SAP AFE Number (Cost) \$120,000	Total Fld Est (Cost) \$244,033
			Total Final Invoice (Cost) 215,754.79	

End of Job Summary

LD P-110 Prod.Tbg string & PU New L-80 Prod. string , squeezed ohio creek perfs 7,410' - 7,414 & 7,520' - 7,524' , Perforated 4-1/2" Csg. @ 3,980' & Circulated 110 sxs Cmt. up 9-5/8" SC. Attempted to CO w/ venturi tool but did not tag where slickline did, CBP @ 11,795' was not there, TIH & tagged @ 12,213' & spotted 2 sxs sand

Notes for Next Job

Operations Next Report Period

Daily Operations

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Ops Summary
1.0	12/13/2018	12/13/2018	7,532.50	\$7,533	SITP @ 975 psig. SICP @ 1,100 psig. SISCIP @ 200 psig. First Rpt for Cement Squeeze. Perfs fr/ 7,410' - 11,756' , PBTD @ 11,795' (CIBP) Fill @ 10,068'. EOT @ 9,990' . Review JSA w/ SPN. Chk Mntr. Walk through lockout/tagout. MIRU SPN Rig #14. FT BOP. Ppd 35 Bbls TPW down Tbg. & 50 Bbls TPW down 4-1/2" Csg. KW. ND WH. NU BOP. PT BOP to 300 psig low for 5 min. & 3,000 psig high for 5 min. GD Test. Unland Tbg Hngr. TOOH & LD 83 Jts 4.7# 2-3/8" 8rd EUE P-110 Tbg. 234 Jts left in hole w/ EOT @ 7,371' . SWI. Drain up equip. SDFN. Ppd 112 Bbls TPW. Rec 0 Bbls. 112 BL
2.0	12/14/2018	12/14/2018	7,848.25	\$15,381	SITP @ 1,100 psig. SICP @ 1,100 psig. SISCIP @ 180 psig. Cont. Rpt for Cement Squeeze. Perfs fr/ 7,410' - 11,756' , PBTD @ 11,795' (CIBP) Fill @ 10,068'. EOT @ 7,371' . Review JSA w/ SPN. Chk Mntr. Ppd 60 Bbls TPW down 4-1/2" Csg. & 35 Bbls TPW down Tbg. KW. FT BOP. Cont. TOOH w/ 232 Jts 4.7# 2-3/8" 8rd EUE P-110 Tbg. , XN-Nipple, 1 Jt. 4.7# 2-3/8" 8rd EUE P-110 Tbg. TIH w/ 3-5/8" Drag Bit, 4-1/2" Csg. scraper , 236 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. to 7,764'. TOOH w/ 236 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg., 4-1/2" Csg. Scraper, 3-5/8" Drag Bit. SWI. Drain up equip. SDFN. Ppd 335 Bbls TPW. Rec 0 Bbls. 447 BLWTR
3.0	12/15/2018	12/15/2018		\$15,381	Shut down Saturday
4.0	12/16/2018	12/16/2018		\$15,381	Shut Down Sunday
5.0	12/17/2018	12/17/2018	15,217.50	\$30,598	SICP @ 1,200 psig. SISCIP @ 180 psig. Cont. Rpt for Cement Squeeze. Perfs fr/ 7,410' - 11,756' , PBTD @ 11,795' (CIBP) Fill @ 10,068'. Review JSA w/ SPN & KLX. Chk Mntr. Ppd 60 Bbls TPW down 4-1/2" Csg. KW. FT BOP. TIH w/ RBP, 1 Jt. 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN-Nipple, 233 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. set RBP @ 7,695' . LD 2 Jts, spot 2 sxs sand on RBP. TOOH w/ 231 Jts., XN-Nipple, 1 Jt. on/off Tool. TIH w/ Pkr, 1 Jt. , XN, 231 Jts. Set Pkr. @ 7,629'. PT Tbg. to 2,000 psig. Failed Test , hold @ 1,800 psig for 1 - 2 min. then bleed to 0 psig. TIH & set packer @ 7,662'. PT Tbg. (Same Results). TOOH w/ 11 Jts. set Pkr. @ 7,300'. PT Csg. to 500 psig for 10 min. GD Test. TIH & set Pkr. @ 7,629'. PT Tbg. to 2,000 psig. Failed Test. 1,500 psig. loss in 5 min. Release Pkr. TOOH w/ 10 Jts. to 7,300'. SWI. Drain up equip. SDFN. Ppd 316 Bbls TPW. Rec 0 Bbls. 763 BLWTR
6.0	12/18/2018	12/18/2018	9,808.38	\$40,407	SITP @ 1,200 psig. SICP @ 1,000 psig. SISCIP @ 180 psig. Cont. Rpt for Cement Squeeze. Perfs fr/ 7,410' - 11,756' , PBTD @ 11,795' (CIBP) Fill @ 10,068'. RBP w/ 2 sxs sand @ 7,695' , EOT @ 7,300' Review JSA w/ SPN & KLX. Chk Mntr. Blow 4-1/2" Csg. down to tank for 45 min. Rec 0 Bbls. Ppd 40 Bbls TPW down 4-1/2" Csg. Blow Tbg. down to tank for 30 min. Rec 0 Bbls. Ppd 20 Bbls TPW down Tbg. KW. FT BOP. TOOH w/ 221 Jts. 4.7# 2-3/8" 8rd EUE L-80 Tbg. XN, 1 Jt. 4.7# 2-3/8" 8rd EUE L-80 Tbg. 3.80" Pkr. (Pkr was missing elements) TIH w/ RBP RH, 4' x 2-3/8" pup Jt, New 3.80" Pkr. 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg. XN, 231 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. set Pkr. @ 7,629'. PT Tbg. to 2,000 psig for 10 min. GD Test. Release Pkr. TOOH w/ 231 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN, 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg. , 3.80" Pkr. 4' x 2-3/8" 8rd EUE L-80 Tbg. RBP RH. LD RBP RH. TIH w/ 3.80" Pkr. , 1 Jt. 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN, 221 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. , Set pkr. @ 7,300'. PT 4-1/2" Csg. to 500 psig for 10 min. GD Test. SWI. Drain up equip. SDFN. Ppd 194 Bbls TPW. Rec 0 Bbls. 957 BLWTR



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Surface Location T02S-R97W-S11	Spud Date 3/18/2005 00:00	Original KB Elevation (ft) 7,016.00	Ground Elevation (ft) 6,991.00	KB-Ground Distance (ft) 25.00

Daily Operations

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Ops Summary
7.0	12/19/2018	12/19/2018	17,723.33	\$58,130	SITP @ 1,200 psig. SICP @ 10 psig. SISCIP @ 180 psig. Cont. Rpt for Cement Squeeze. Perfs fr/ 7,410' - 11,756', PBTD @ 11,795' (CIBP) Fill @ 10,068'. RBP w/ 2 sxs sand @ 7,695', EOT/Pkr. @ 7,300' Review JSA w/ SPN, KLX & BJ Services. Chk Mntr. Blow Tbg. down to rig tank for 35 min. Rec 0 Bbls. Blow down 9-5/8" SC to tank for 15 min. FT BOP. Ppd 300 Bbls Fresh water dwn tbg into Ohio Creek Perfs. 4 Bbl/min. @ 1,000 psig. (Did not get circ. up 9-5/8" SC, ISIP @ 0 psig.) KW. MIRU BJ Services. PT BJ Pump lines to 3,500 psig. GD Test. Ppd 10 Bbl fresh water spacer @ 4 Bbl/min. @ 300 psig. Mix & pump 58 sxs 15.8# Class G neat cement & Displace w/ 29 Bbls fresh water. (27 Bbls into displacement tbg @ 1,650 psig then broke and fell to 0 psig, ISIP @ 0 psig after displacement) Release Pkr. LD 1 Jt. Flush Pkr. w/ 60 Bbls fresh water. Wait 2 Hrs on cement. TIH w/ 1 Jt & set Pkr @ 7,300'. PT 4-1/2" Csg. to 500 psig for 10 min. GD Test. Ppd 10 Bbl. fresh water spacer 3 Bbl./min. @ 70 psig. Mix & pump 52 sxs 15.8# Class G Neat Cmt. w/ 1% Cacl. Displace w/ 30 Bbls. Fresh water (25.5 Bbls into displacement psig @ 800 psig. shut down to hesitate, ISIP @ 0 psig. Hesitate remaining displacement w/ 1 Bbl. every 5 min., ISIP @ 0 psig) Release Pkr. TOOH w/ 10 Jts to 6,942'. Flush Pkr. w/ 40 Bbls TPW. & start inj. 1 Bbl./min. @ 500 psig. SWI. Drain up equip. SDFN. Ppd 46 Bbls TPW. Rec 0 Bbls TPW. Ppd 538 Bbls Fresh water , Rec 110 Bbls. 1003 BLWTR (TPW) 428 BLWTR (Fresh)
8.0	12/20/2018	12/20/2018	18,225.43	\$76,355	SITP @ 0 psig. SICP @ 0 psig. SISCIP @ 20 psig. Cont. Rpt for Cement Squeeze. Perfs fr/ 7,410' - 11,756', PBTD @ 11,795' (CIBP) Fill @ 10,068'. RBP w/ 2 sxs sand @ 7,695', EOT @ 6,942', Review JSA w/ SPN & KLX. Chk Mntr. FT BOP. TIH & set Pkr. @ 7,300'. PT 4-1/2" Csg. to 500 psig. GD Test. Est. Inj Rate down Tbg. into Ohio Creek Perfs 1.9 Bbl./min. @ 500 psig. MIRU BJ Services. PT BJ Pump lines to 3,000 psig. GD Test. Ppd 10 Bbl. Fresh water spacer. Mix & Pump 58 sxs 15.8# Class G Neat Cmt. w/ 1% Cacl. Displace w/ 21.5 Bbl. when Cmt. locked up @ 1,175 psig. (7 Bbls. Cmt. still in Tbg.) Release Pkr. LD 1 Jt. to 7,267'. Rev circ clean w/ 80 Bbls TPW. TOOH w/ 10 Jts. to 6,939'. pressure up 4-1/2" Csg. & Tbg. to 500 psig. SWI. Drain up equip. SDFN. Ppd 136 Bbls TPW. Rec 68 Bbls TPW. Ppd 122 Bbls Fresh water , Rec 58 Bbls. 1071 BLWTR (TPW) 492 BLWTR (Fresh)
9.0	12/21/2018	12/21/2018	8,957.13	\$85,313	SITP @ 500 psig. , SICP @ 500 psig. , SISCIP @ 20 psig. Perfs fr/ 7,720' - 11,756' , PBTD @ 11,795' (CIBP) RBP w/ 2 sxs sand @ 7,695' , Review JSA w/ SPN, Chk Mntr. Bleed Tbg. & Csg. Off. FT BOP, TIH w/ 10 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. , Tag Cmt. @ 7,272' , TOOH w/ 221 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN, 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg. , Pkr. MIRU Singleshot WLU, PT Lub to 500 psig. GD Test. RIH w/ 3-1/8" Csg. perf gun, Perf 4-1/2" Csg. w/ 6 shots 7,098.5' to 7,100'. (4 SPF , .40" hole) POOH, RD WLU, Ppd 20 Bbls fresh water dwn 4-1/2" CSg. & pressure up to 2,000 psig. (Holding solid) SWI. Drain up equip. SDFN. Ppd 0 Bbls TPW. Ppd 20 Bbls Fresh water , Rec 0 Bbls. 1071 BLWTR (TPW) 512 BLWTR (Fresh)
10.0	12/22/2018	12/22/2018	9,280.83	\$94,593	SICP @ 0 psig. , (Vacuum) SISCIP @ 20 psig. Perfs fr/ 7,720' - 11,756' , PBTD @ 11,795' (CIBP) RBP w/ 2 sxs sand @ 7,695' , Cmt. top @ 7,272'. Perfs @ 7,098.5-7,100'. Review JSA w/ SPN & Singleshot, Chk Mntr. MIRU Singleshot WLU. Ppd 15 Bbls freshwater dwn 4-1/2" csg & pressure up to 2,000 psig (Holding solid) PT Lub to 500 psig. GD Test. RIH w/ CBL & log 4-1/2" Csg. 7,272' - Surface, 7" Cmt. top @ 4,100'. RIH w/ 3-1/8" Csg. perf gun & shoot 6 - .40" holes in 4-1/2" Csg. 3,978.50' - 3,980'. POOH & RD Singleshot WLU. Ppd & Circ. 240 Bbls Fresh water dwn 4-1/2" Csg. & up 9 5/8" SC. Rec. 102 Bbls TPW. SWI. Drain up equip. SDFN. Ppd 0 Bbls TPW. Ppd 255 Bbls Fresh water , Rec 102 Bbls. TPW 1,173 BLWTR (TPW) 512 BLWTR (Fresh) .
11.0	12/23/2018	12/23/2018		\$94,593	Shut Down Sunday
12.0	12/24/2018	12/24/2018		\$94,593	Shut Down Monday
13.0	12/25/2018	12/25/2018		\$94,593	Shut Down Tuesday
14.0	12/26/2018	12/26/2018	19,264.37	\$113,858	SICP @ 0 psig. , (Vacuum) SISCIP @ 0 psig. (Vacuum) Perfs fr/ 7,720' - 11,756' , PBTD @ 11,795' (CIBP) RBP w/ 2 sxs sand @ 7,695' , Cmt. top @ 7,272'. Perfs @ 7,098.5-7,100'. Review JSA w/ SPN & KLX, Chk Mntr. TIH w/ 3.8" Pkr. , 1 Jt. 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN, 116 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. Set Pkr. @ 3,855' , Fill & Test 4-1/2" Csg. w/ 8 Bbls FW to 500 psig for 5 min. GD Test. Ppd 30 Bbls FW down 4-1/2" Csg. & est. Circ. up 9-5/8" SC 2.5 Bbl./min. @ 600 psig. MIRU BJ Cmt. Services. PT BJ Pump lines to 3,000 psig for 5 min. GD Test. Ppd 10 Bbl. FW Spacer, Mix & Pump 110 sxs 15.8# Class G Neat Cmt. w/ 1% Cacl. Displace w/ 16 Bbls FW. Release Pkr. TOOH w/ 1 Jt. to 3,822'. Rev. Circ. clean w/ 50 Bbls FW (Rec 1 Bbl. Cmt.) TOOH w/ 4 Jts. 112 Jts left in the hole w/ EOT @ 3,691'. Pressure up 4-1/2" Csg. & Tbg. to 500 psig. SWI. Drain up equip. SDFN. Ppd 0 Bbls TPW. Ppd 167 Bbls Fresh water , Rec 167 Bbls. TPW 1340 BLWTR (TPW) 512 BLWTR (Fresh) .



Activity - Chronology by Job

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Surface Location T02S-R97W-S11	Spud Date 3/18/2005 00:00	Original KB Elevation (ft) 7,016.00	Ground Elevation (ft) 6,991.00	KB-Ground Distance (ft) 25.00

Daily Operations

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Ops Summary
15.0	12/27/2018	12/27/2018	9,777.83	\$123,636	SITP @ 0 psig. (Frozen) SICP @ 0 psig. , (Frozen) SISCIP @ 0 psig. (Frozen) Perfs fr/ 7,720' - 11,756' , PBTD @ 11,795' (CIBP) RBP w/ 2 sxs sand @ 7,695' , Cmt. top @ 7,272'. Perfs @ 7,098.5-7,100' . Review JSA w/ SPN , Chk Mntr. Spend 4 Hrs. thawing Tbg. 4-1/2" Csg. 9-5/8" SC & BOP. (No circ btwn 4-1/2" Csg & Tbg. (Tbg plugged) TIH w/ 9 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. & tag Cmt. @ 3,987'. TOO H w/ 9 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. to 3,691'. RU Sandline & Lub. PT Lub to 500 psig. GD Test. Make 2 swab runs & recover 12 Bbl. TPW. (Tagged in Tbg @ 3,400') RD Sandline & Lub. TOO H w/ 112 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. 3.8" Pkr. (Btm 9 Jts, 293' full of cmt.) TIH w/ 3-5/8" Drag Bit, Bitsub, 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN , 118 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. EOT @ 3,916'. PT Csg. to 500 psig. GD Test. TOO H w/ 20 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. , 99 Jts left in the hole w/ EOT @ 3,258' , SWI. Drain up equip. SDFN. Ppd 20 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 12 Bbls. TPW 1348 BLWTR (TPW) 512 BLWTR (Fresh)
16.0	12/28/2018	12/28/2018	7,278.33	\$130,914	SITP @ 0 psig. SICP @ 0 psig. SISCIP @ 0 psig. Cont. Rpt. For cmt. Squeeze. Perfs fr/ 7,720' - 11,756' . PBTD @ 11,795' (CIBP) , RBP w/ 2 sxs sand @ 7,695' , Cmt. @ 3,987' & 7,272'. Review JSA w/ SPN. Chk Mntr. FT BOP. TIH w/ 20 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. to 3,916'. RU Pwr. swivel. TIH & tag Cmt. @ 3,987'. Est. Rev. Circ. Drill 50' Cmt. (soft cmt. stringers) 3,987' - 4,037' when Tbg fell free. Rev circ clean. RD Power swivel. TIH & tag Cmt. @ 7,272'. RU Power swivel. Drill 323' of cmt. 7,272'-7,595' when Tbg fell free, TIH to 7,627' . Rev Circ clean. PT 4-1/2" Csg. to 500 psig for 10 min. GD Test. TIH & tag sand @ 7,681'. Wash & Circ. 12' of sand, Tag RBP @ 7,693'. Rev Circ clean. , RD Pwr. swivel, TOO H w/ 56 Jts. 178 Jts left in the hole w/ EOT @ 5,853' . SWI. Drain up equip. SDFN. Ppd 172 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 172 Bbls. TPW 1348 BLWTR (TPW) 512 BLWTR (Fresh) .
17.0	12/29/2018	12/29/2018	7,682.33	\$138,596	SITP @ 0 psig. SICP @ 0 psig. SISCIP @ 0 psig. Cont. Rpt. For cmt. Squeeze. Perfs fr/ 7,720' - 11,756' . PBTD @ 11,795' (CIBP) , RBP @ 7,695' . Review JSA w/ SPN. Chk Mntr. FT BOP. TOO H w/ 177 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg., XN, 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg. , Bitsub, 3-5/8" Drag Bit. MIRU Singleshot WLU. PT Lub & BOP to 500 psig. GD test. RIH w/ CBL & Log 7,693' - 2,800' , TOC @ 3,100' . POOH & RD WLU. TIH w/ RBP Retrieving head , 122 Jts 4.7# 2-3/8" L-80 Tbg. Tag tight spot in 4-1/2" Csg. @ 3,998' . Tbg got stuck. Ppd & Circ 20 Bbls TPW down Tbg w/ 5 Gal FR & Jar Tbg free w/ rig. TOO H w/ 122 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. & RH. SWI. Drain up equip. SDFN. Ppd 20 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 20 Bbls. TPW 1348 BLWTR (TPW) 512 BLWTR (Fresh) .
18.0	12/30/2018	12/30/2018		\$138,596	Shut Down Sunday
19.0	12/31/2018	12/31/2018		\$138,596	Shut Down Monday
20.0	1/1/2019	1/1/2019		\$138,596	Shut Down Tuesday
21.0	1/2/2019	1/2/2019	8,847.83	\$147,444	SICP @ 0 psig. SISCIP @ 0 psig. Cont. Rpt. For cmt. Squeeze. Perfs fr/ 7,720' - 11,756' . PBTD @ 11,795' (CIBP) , RBP @ 7,695' . Review JSA w/ SPN & KLX. Chk Mntr. Spend 5.5 Hrs starting equipment & thawing BOP. FT BOP. TIH w/ 3.70" Drag Bit, 4-1/2" Csg. scraper, 1 Jt. 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN, 124 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. EOT @ 4,119' (Did Not Tag) . TOO H w/ 4 Jts. to 3,987'. RU Power Swivel. Drill & rotate w/ pwr swivel 3,987'-4,087' (Seen slight tag @ 3,998') RD Pwr swivel. TIH w/ Tbg. to 7,272' . RU Pwr. swivel. Drill & rotate w/ pwr swivel 7,272' - RBP @ 7,693' (Seen slight tight spot @ 7,595') RD Power swivel, TOO H w/ 233 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN, 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg. SWI. SDFN. Ppd 0 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 20 Bbls. TPW 1348 BLWTR (TPW) 512 BLWTR (Fresh) .
22.0	1/3/2019	1/3/2019	12,010.00	\$159,454	SICP @ 0 psig. SISCIP @ 0 psig. Cont. Rpt. For cmt. Squeeze. Perfs fr/ 7,720' - 11,756' . PBTD @ 11,795' (CIBP) , RBP @ 7,695' . Review JSA w/ SPN & KLX. Chk Mntr. FT BOP. TIH w/ RBP RH, 234 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. Tag & Latch onto RBP @ 7,693'. Rev Circ clean. Release RBP. TOO H w/ 234 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. RH & RBP. MIRU Singleshot WLU. PT Lub to 500 psig. GD Test. RIH w/ CBL & Log 10,000' - 7,550'. Log results look inconclusive possible FL @ 9,800' , no reading from 9,800' up. POOH & RD WLU. SWI. SDFN. Ppd 92 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 35 Bbls. TPW 1,405 BLWTR (TPW) 512 BLWTR (Fresh) .



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Daily Operations

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Ops Summary
23.0	1/4/2019	1/4/2019	12,501.50	\$171,956	SICP @ 1,310 psig. SISCP @ 0 psig. Cont. Rpt. For cmt. Squeeze. Perfs fr/ 7,720' - 11,756' . PBTD @ 11,795' (CIBP) Review JSA w/ SPN & KLX. Chk Mntr. Shoot FL @ 6,900' , RU WLU. PT Lub to 1,310 psig. GD Test. RIH w/ CBL & log 10,000' - 6,750' (Results still inconclusive, WL operator thinks it is aerated fluid causing tool to malfunction) POOH w/ CBL. RD & Release Singleshot WLU. Ppd 60 Bbls TPW down 4-1/2" Csg. KW. FT BOP. TIH w/ 3-3/8" x .44' Notched Collar, 3-1/16" x 1.09' Flapper valve, 2-3/8" x 7.97' Pup Jt, 3-1/16" x 1.17' Flapper valve, 41 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg, 2-7/8" x 6.56' Venturi CO Tool, 263 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. EOT @ 10,010'. TOOH w/ 72 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. 232 Jts left in the hole w/ EOT @ 7,644' . SWI. SDFN. Ppd 116 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 35 Bbls. TPW 1,521 BLWTR (TPW) 512 BLWTR (Fresh) .
24.0	1/5/2019	1/5/2019		\$171,956	Shut Down Saturday
25.0	1/6/2019	1/6/2019		\$171,956	Shut Down Sunday
26.0	1/7/2019	1/7/2019	11,294.00	\$183,250	SITP @ 1,200 psig. SICP @ 1,300 psig. SISCP @ 0 psig. Cont. Rpt. For cmt. Squeeze. Perfs fr/ 7,720' - 11,756' . PBTD @ 11,795' (CIBP) Review JSA w/ SPN & KLX. Chk Mntr. Ppd 35 Bbls TPW down Tbg. KW. FT. BOP. TIH w/ 132 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. to 11,979' (Did not tag) TOOH w/ 323 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg, Venturi CO Tool, 41 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg, Flapper valve, 8' x 2-3/8" Pup Jt. , Flapper valve, NC. (6" sand in BHA) .TIH w/ WL Re-Entry Guide, 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg. , XN-Nipple, 337 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. EOT @ 11,111'. SWI. SDFN. Ppd 182 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 23 Bbls. TPW 1,680 BLWTR (TPW) 512 BLWTR (Fresh) .
27.0	1/8/2019	1/8/2019	60,783.59	\$244,033	SITP @ 400 psig. SICP @ 1,250 psig. SISCP @ 0 psig. Cont. Rpt. For cmt. Squeeze. Perfs fr/ 7,720' - 11,756' . PBTD @ 11,795' (CIBP) EOT @ 11,111'. Review JSA w/ SPN. Chk Mntr. Ppd 25 Bbls TPW down Tbg. KW. FT BOP. TIH w/ 34 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. Tag @ 12,213'. LD 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg to 12,193'. spot 2 sxs sand. LD 38 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. Land Tbg. on Hngr as follows fr/ btm up : WL Re-Entry Guide, 1 Jt 4.7# 2-3/8" 8rd EUE L-80 Tbg , XN-Nipple , 333 Jts 4.7# 2-3/8" 8rd EUE L-80 Tbg. RU Sandline & Lub, PT Lub to 500 psig for 5 min. GD Test. RIH w/ 1.901" Gauge Ring to XN, POOH w/ GR. Drop 1.86" SV down Tbg. PT Tbg to 2,000 psig. for 10 min. GD Test. RIH & retrieve SV. RD Sandline & Lub. ND BOP. NU New 4-1/16" 10k x 2-1/16" 5k spool , 2 - New 2-1/16" master valves. PT WH Hngr seals to 3,500 psig. for 10 min. GD Test. PT Spool & master valves to 4,500 psig for 10 min. GD Test. RDMO SPN #14. Ppd 103 Bbls TPW. Ppd 0 Bbls Fresh water , Rec 0 Bbls. TPW. 1,783 BLWTR (TPW) 512 BLWTR (Fresh)