

Winter 1 12/19/2013 00:00 - 12/20/2013 00:00

API 05-123-11307	State/Province Colorado	County Weld	Field Name Severance	Well Status	Total Depth (ftKB)	Primary Job Type Abandon Well
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	5.00	05:00	LOCL	Lock Wellhead & Secure	WSI, no activity
05:00	0.25	05:15	SMTG	Safety Meeting	Safety Meeting, Discuss PPE, suspended loads, Ice plugs, suspended loads, Pinch Points
05:15	2.50	07:45	WLWK	Wireline	Spot in RU Core-Tech slick-line RIH with plunger retrieving tool Set down at 7112' (Fluid level at 1000') P/U set down again POOH out of hole SWI RIG off well no plunger picked up, RIH with Impression block Undersized so would travel thru Seat Nipple, Set down same 7112' P/U set down hard POOH with Impression Block Bumped up SWI bleed off pressure (125#) rig off well checked impression block has a rounded line approx 3/8" wide across width of the block Figure it is a bar stop collar on bottom tubing Verified no plunger or spring in hole RDMO slick line unit
07:45	1.00	08:45	DTIM	Downtime	Waiting on blade to arrive to dress off location covered in knee to waist hig weeds
08:45	1.50	10:15	GOP	General Operations	Devoe Construction arrived with Blade dressed of location push all material to south end of location, all prep'd and ready for Service Rig
10:15	13.75	00:00	LOCL	Lock Wellhead & Secure	WSI, location secured SDFN

Winter 1 12/20/2013 00:00 - 12/21/2013 00:00

API 05-123-11307	State/Province Colorado	County Weld	Field Name Severance	Well Status	Total Depth (ftKB)	Primary Job Type Abandon Well
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	24.00	00:00	LOCL	Lock Wellhead & Secure	WSI, Move in rig support equipment and spot in Still waiting on rigs Scoping ram to arrive. They are checking where the Ram is in transit, Scoping ram for rig is MIA not sure whre it is or even if one is coming, Tried several other rig companies None have rig available for awhile, ECWS with get Rig headed this way from Kansas In AM plan for Sunday RU, WSI SDFN

Winter 1 12/21/2013 00:00 - 12/22/2013 00:00

API 05-123-11307	State/Province Colorado	County Weld	Field Name Severance	Well Status	Total Depth (ftKB)	Primary Job Type Abandon Well
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	0.75	00:45	LOCL	Lock Wellhead & Secure	WSI, no activity Checked Pressures SITP- 140# SICP- 0#
00:45	6.75	07:30	DTIM	Downtime	Waiting on Rig
07:30	0.25	07:45	SMTG	Safety Meeting	Safety Meeting Discuss PPE, pinch points, communication, rigging up Hammering, Fall Protection,, Tripping Hazards
07:45	2.50	10:15	SRIG	Rig Up/Down	MIRU ECWS rig and support equipment, Spot in Base beam, Spot rig over beam and Rig Up, Waiting on Tank Spot in tank and Pump and rig up Crew Forgot the Screw on flange for the Well head , Had to run back to shop for it, 16:00 Got all equipment rigged up With the age of the well head and unknowns Will wait and NU BOPE in AM
10:15	13.75	00:00	LOCL	Lock Wellhead & Secure	WSI, location secured SDFN

Winter 1 12/22/2013 00:00 - 12/23/2013 00:00

API 05-123-11307	State/Province Colorado	County Weld	Field Name Severance	Well Status	Total Depth (ftKB)	Primary Job Type Abandon Well
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	0.75	00:45	LOCL	Lock Wellhead & Secure	WSI, no activity
00:45	0.25	01:00	SMTG	Safety Meeting	Safety Meeting discuss PPE, pinch points Communication, Fall Protection, Hammering, Tripping hazards
01:00	1.00	02:00	BOPI	Install BOP's	Checked Pressures SITP- 0# lite Blow, SICP- 0#, ND production Equipment, NU BOPE, Had to strip BOPE over top tubing did not want to land hanger would not be able to Work Tubing With hanger in
02:00	3.00	05:00	PULT	Pull Tubing	Durning BOPE install had to lower tubing to get the old style washington rubber out Lost some hole doing this Started Working tubing pup jt we have is only 6' length so P/U out of slips have 12M pulled into tubing right away working and rotating tubing pulling to 56M each time Not gaining any ground Called in discuss options with Denver getting Free point set up Waiting on Wireline

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
05:00	4.00	09:00	WLWK	Wireline	MIRU Warrior Wireline Rig only has 6' bales to short for lubricator to fit in with pipe picked up Looking for change overs to make shorter, While they run into shop for change overs Got X-overs need mu Lubricator RIH with Free point tool Checked free point at 6000' No pipe movement POOH checked free pipe at 5500' No movement Checked Free pipe at 5000' Saw little pipe movement POOH at 4700' Checked free pipe are free at 4700' RIH to 5000' verify little pipe movement POOH with free point tool Called in discuss with Denver BBC will cut around 4700' depending on collar, Out of hole with Free point tool MU chemical cutter RIH corolate to Collars AT 4710' and 4742' Chemical cut tubing at 4725' Saw tubing jump little Pipe weight went fro 34M to 22M POOH with Chemical Cutter RDMO wireline
09:00	1.50	10:30	PULT	Pull Tubing	TOOH with 2 3/8" J55 tubing Strapping On way Out of hole SWI finish strapping last jts total Jts POOH 147 jts 2 3/8" J55 and Cut off jt (15.45')
10:30	1.00	11:30	RUTB	Run Tubing	MU Weatherford 4.5" casing scraper with 3.75" blade bit TIH with 61 Jts EOT- 1943', SWI
11:30	12.50	00:00	LOCL	Lock Wellhead & Secure	WSI, location secured SDFN

Winter 1 12/23/2013 00:00 - 12/24/2013 00:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
05-123-11307	Colorado	Weld	Severance			Abandon Well

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	0.75	00:45	LOCL	Lock Wellhead & Secure	WSI, no activity
00:45	0.25	01:00	SMTG	Safety Meeting	Safety Meeting, Discuss PPE, tripping hazards, Communication, Environmental, Hammering Pinch Points, Tripping tubing
01:00	1.00	02:00	RUTB	Run Tubing	Checked Pressures SITP- 0# , SICP- 0#, Finish TIH with Casing Scraper to 4700' (147 jts RIH)
02:00	1.00	03:00	PULT	Pull Tubing	TOOH with 4.5" Casing Scraper, Out of Hole with casing scraper and Tubing SWI break out Casing Scraper
03:00	0.75	03:45	GOP	General Operations	COGC siad we need to make attempt at Fishing tubing The string we POOH with is not in real good shape some soft spots at the Pin connetion where tungs Make the Breaks some minor crimping seen also when setting Pins in the Boxes To pin sets in almost all the way before even making up Discussed the issues with Denver Will lay down Used string and get better 2 3/8" J55 delivered and RIH
03:45	1.00	04:45	RUTB	Run Tubing	TIH with Orginal 2 3/8 tubing string 173 jts prep to lay down feel to much risk Jarring with this String
04:45	2.00	06:45	PULT	Pull Tubing	TOOH laying down orginal 2 3/8" string that has been in hole Tom any issues with shape it is in to consider jarring with It
06:45	2.00	08:45	DTIM	Downtime	13:10 Rig blew Main 1" Hydraulic hose that operates tongs Having to get one Built Only 19 jts left to TOO, Waiting on Hydraulic Hose
08:45	0.50	09:15	PULT	Pull Tubing	Finish TOO with last 19 jts Total jts Laid down 147 Set in To A&W Water service Pipe Yard
09:15	2.00	11:15	RUTB	Run Tubing	Removed Thread Protectors and Strapped MU Weatherford Fishing BHA TIH with New 2 3/8" J55 tubing 55 jts TIH EOT - 1779' SWI
11:15	12.75	00:00	LOCL	Lock Wellhead & Secure	WSI, location secured SDFN

Winter 1 12/26/2013 00:00 - 12/27/2013 00:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
05-123-11307	Colorado	Weld	Severance			Abandon Well

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	0.75	00:45	LOCL	Lock Wellhead & Secure	WSI, No activity
00:45	0.25	01:00	SMTG	Safety Meeting	Safety Meeting Discuss PPE, pinch Points Tripping hazards, Weather, Hydration, Communication
01:00	2.25	03:15	RUTB	Run Tubing	Checked Pressures SITP- 0#, SICP- 0# continue to Single in with 2 3/8" J55 tubing Removing thread protectors, strapping and P/U jts off Trailer, Tagged Fish AT 4811' (151 Jts IN 2' out) Fish Fell approx. 80' from where we should have tagged when it was cut
03:15	5.00	08:15	PULT	Pull Tubing	Latched Onto Fish at 4811' with Weatherford Jarring BHA Started Jarring on Fish String weight 22M pulling to 40M setting off Jars then pulling to 45M to 50M Slack re-set jars and continue Jarring, Tried Using Bumper sub to Beat the Fish Down nOT Seeing any tubing movement up or down
08:15	1.50	09:45	PULT	Pull Tubing	14:00 rotate to right to free grapple from Fish Grapple loose TOO with Weatherford Jarring BHA and 2 3/8" J55 tubing Out of Hole SWI, Break out Weatherford BHA
09:45	14.25	00:00	LOCL	Lock Wellhead & Secure	WSI, location secured SDFN

Winter 1 12/27/2013 00:00 - 12/28/2013 00:00

API 05-123-11307	State/Province Colorado	County Weld	Field Name Severance	Well Status	Total Depth (ftKB)	Primary Job Type Abandon Well
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
00:00	0.75	00:45	LOCL	Lock Wellhead & Secure	WSI, no activity	
00:45	0.25	01:00	SMTG	Safety Meeting	Safety Meeting Discuss PPE, pinch Points, Tripping Hazards, Communication, Environmental, Pressures	
01:00	1.50	02:30	RUTB	Run Tubing	MU Weatherford Over-shot with Grapple pack off TIH with 2 3/8" J55 tubing 152 jts RIH latched onto Tubing fish	
02:30	1.50	04:00	WLWK	Wireline	MIRU Warrior Wireline RIH with Tubing Perf Gun Corolate and Perforate Tubing at 6711' POOH with Wireline, Out of hole SWI rig Wireline off well all shots Fired RDMO wireline equipment	
04:00	1.50	05:30	PULT	Pull Tubing	Rotate Right to release grapple from tubing grapple released, TOO H with tubing and grapple over-shot	
05:30	1.50	07:00	RUTB	Run Tubing	MU Weatherford 4.5" Packer TIH with 147 Jts 2 3/8" J55 to 4658' Set Packer	
07:00	0.75	07:45	PUMP	Pump Test	Load Hole with fresh water Establish Injection rate down tubing, Loaded casing with 7 bbls Loaded tubing with 3 bbls Fresh Water Establish Injection Rate down tubing Pressure climbed to 2000# Shut Pump Down Watched for leak off lost 600# in 5 Minutes pressured up again to 2000# same results 600# loss in 5 minutes Bleed off all pressure and Prep to Release packer and TOO H	
07:45	1.00	08:45	PULT	Pull Tubing	Release Packer and TOO H with packer and 2 3/8" J55 tubing Out of hole SWI, Discuss results with COGC want us to shoot squeeze holes at 4800' set CICR at 4700' and pump 50 sks Then shoot squeeze holes at 4550' +/- and set CICR +/- 4500' and squeeze 50 sks then Finish PTA as designed Discussed with Denver all good Proceeding	
08:45	2.00	10:45	WLWK	Wireline	MIRU Warrior Wireline RIH with 3 1/8" Perf gun 4 SPF 90 degree phasing Tagged Fish at 4811' P/U Shoot squeeze holes At 4799' - 4800' POOH bumped up SWI rig off well all shots Fired MU Weatherford CICR, RIH corolate and Set CICR at 4707' took 1 min 5 seconds to set and Shear Off P/U free set down took weight POOH Bumped up SWI rig wireline off well clean Shear RDMO wirelie	
10:45	0.75	11:30	RUTB	Run Tubing	MU Weatherford Stinger and TIH with 2 3/8" J55 tubing 62 jts TIH EOT- 1970.82'	
11:30	12.50	00:00	LOCL	Lock Wellhead & Secure	WSI, Drained up and winterized all equipment location secured SDFN	

Winter 1 12/28/2013 00:00 - 12/29/2013 00:00

API 05-123-11307	State/Province Colorado	County Weld	Field Name Severance	Well Status	Total Depth (ftKB)	Primary Job Type Abandon Well
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
00:00	0.75	00:45	LOCL	Lock Wellhead & Secure	WSI, no activity	
00:45	0.25	01:00	SMTG	Safety Meeting	Safety Meeting Discuss PPE, pinch Points, Tripping Hazards, Pressure, Over head loads, Traffic, Backing use Spotter, hammering, Hands and fingers	
01:00	1.50	02:30	RUTB	Run Tubing	Checked Pressure 0# on well Continue to TIH with Weatherford Stinger, Sting into CICR at 4707' Set 20M down mark Unsting from CICR TOO H with 2 jts Measure for Pups add 18' Pups MU single Have 148 jts In hole with 8' and 10' Pups Washington head rubber installed Stung into CICR with 20M setting down Waiting on Water trucks Now	
02:30	1.50	04:00	ABAN D	Abandon Zone	HES spotted in and RU Pre job Safety Meeting, Load casing put 250# on it Load tubing Establish Injection Rate Pressure broke back at 2311# at 1.8 bpm Pump additional 2 bbls pressure fell back to 1970# SD Mix and Pump 10.2 bbls (50sks) Class "G" cement with additives at 15.8 #/gal Displaced with 16.2 bbls water SD with 1570# on tubing Sting out of CICR leaving 100' (estimated TOC inside 4.5" 4600') Cement on top of CICR	
04:00	1.00	05:00	PULT	Pull Tubing	TOOH slowly with first 6 jts Pulling dry continue laying down 2 3/8" Total 17 JTS and Pups Laid down Continue tooh Standing rest back in Derrick, Out of hole SWI	
05:00	1.50	06:30	WLWK	Wireline	Spot in RU Warrior W/L RIH with 3 1/8" perf gun 4 JSFP 90degree phasing Perforate at 4490' POOH bumped up SWI rig off well all shots Fired RIH with Weatherford CICR set at 4400' took 42 secnds to set and shear off P/U free set down took weight POOH bumped up swi Rig wireline off well clean shear RDMO wireline	
06:30	1.25	07:45	RUTB	Run Tubing	MU Weatherford Stinger and TIH with 2 3/8" J55 tubing Tag CICR at 4400' Set weight mark TOO H with 2 jts mu 18' pups P/U JT and sting into CICR set 20M down	
07:45	1.00	08:45	ABAN D	Abandon Zone	HES RU to tubing Pre job Safety Meeting, Load casing put 250# on it Load tubing Establish Injection Rate Pressure broke back at 2270# at 1.8 bpm Pump additional 2 bbls pressure fell back to 2130# SD Mix and Pump 10.2 bbls (50sks) Class "G" cement with additives at 15.8 #/gal Displaced with 15.5 bbls water SD with 1435# on tubing Sting out of CICR leaving 100' (estimated TOC inside 4.5" 4300') Cement on top of CICR	

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:45	2.00	10:45	PULT	Pull Tubing	TOOH laying down 2 3/8" J55 tubing putting thread protectors back on, 154 total jts laid down on trailer SWI
10:45	13.25	00:00	LOCL	Lock Wellhead & Secure	WSI, location secured SDFN

Winter 1 12/29/2013 00:00 - 12/30/2013 00:00

API 05-123-11307	State/Province Colorado	County Weld	Field Name Severance	Well Status	Total Depth (ftKB)	Primary Job Type Abandon Well
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	0.75	00:45	LOCL	Lock Wellhead & Secure	WSI, no activity
00:45	0.25	01:00	SMTG	Safety Meeting	Safety Meeting Discuss PPE, pinch Points Communication, Suspended Loads, Hammering, tripping hazards, Environmental, Ice and Trapped Pressures
01:00	0.50	01:30	DTIM	Downtime	Waiting on Halliburton to get to Location
01:30	1.00	02:30	WLWK	Wireline	MIRU Warrior Wireline RIH with 3 1/8" 4 JSPF 90* Phasing Perforate at 310' POOH, RIH set Weatherford CICR at 205' took 1 minute 40 seconds to set and shear POOH with Wireline Out of hole Clean shear RDMO wireline
02:30	0.50	03:00	RUTB	Run Tubing	TIH with Weatherford Stinger Space out and sting into CICR at 205' Closed Pipe Rams
03:00	2.00	05:00	ABAN D	Abandon Zone	RU Halliburton to Tubing the casing full Installed Gauge to Monitor Casing pressure, Establish injection Rate down tubing pressure up to 300# no leak off Pressured up to 500# lost 10# in 2 minutes Pressured up to 700# Lost 100# in 5 minutes Bleed off pressure Rig hallinurton up to pump down the surface casing Pressure up to 430# lost 1003 in 15 minutes Called in to Denver and COGC and discussed oprions Being unable to pump down either tubing or surface casing will set 150' balance cement plug inside the 4.5" and continue with PTA process.
05:00	0.25	05:15	PULT	Pull Tubing	TOOH with Weatherford Stinger and break out
05:15	0.25	05:30	RUTB	Run Tubing	TIH with 2 3/8' TUBING tagged CICR at 205' P/U 1' and prep to Pump cement
05:30	0.50	06:00	ABAN D	Abandon Zone	Halliburtong RU to tubing Pumped 10 bbls Fresh water to Flush Hole of ANY hydrocarbons None seen Mix AND pump 12 Sacks (2.3 bbl) 15.8 lb/gal cement and displace with .5 bbl fresh water Balancing 150 cement plug inside casing estimated TOC 55' Rig Halliburton off tubing
06:00	0.25	06:15	PULT	Pull Tubing	TOOH laying down 2 3/8" tubing out of hole all 2 3/8" tubing Laid Down NOTE; A&W Water service will P/U trailer with 154 jts New to slightly Used 2 3/8" EUE 8rd 4.7# tubing and take backe to their yard and put into BBC stock
06:15	1.00	07:15	BOPR	Remove BOP's	RD work floor ND BOPE put well head back together with 2' 2 3/8" Pup with Valve on top There is a collar on the bottom of the 2 3/8" Pup to Keep it so can not be pulled thru Well head equipment. SWI tubing and casing valves Shut
07:15	1.50	08:45	SRIG	Rig Up/Down	RDMO ECWS rig and support Stage off to side location Prep' for rig move in AM
08:45	15.25	00:00	LOCL	Lock Wellhead & Secure	WSI, Turned operations back to Production Mundt Roustabouts Have been Notified that they can move in and Finish the PTA process By digging down and cutting Well Head Off finish Filleing with Cement Both inside 4.5" and between the 4.5" x 8 5/8" and welding on Dry Hole Marker Also will abandon the sales line Probably be finished on 12/31/2013 or 1/1/2014