



Daily Completion Operations

Date: 7/24/2018
Report #: 2.0

Well Name: Telarico 33C

Well Name Telarico 33C	Operator PDC Energy Inc.	API 05123253200000	Well Number 105.008070	Last Mod By echavez
District Evans	Field Name Eaton	County Weld	State CO	
Well Type Development	Surface Legal Location SWNE 33 7N 66W	Spud Date 1/20/2008	Original KB Elevation (ft) 4,914.00	Ground Elevation (ft) 4,903.00
KB-Ground Distance (ft) 11.00				

Daily Operation: 7/24/2018 06:00 - 7/24/2018 15:00

AFE Number	Job Category Completion/Workover	Objective TEST TUBING, SET PLUG ABOVE THE TOP PERFS AND TEST CASING FOR WBI.	Start Date 7/23/2018	End Date 7/24/2018	Primary Job Type WBI - Plug Set Other Operator	Secondary Job Type
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Rigs

Contractor Ensign	Rig Number 354
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Daily Operations

Report Start Date 7/24/2018	Report End Date 7/24/2018	Daily Field Est Total (Cost) 13,134.00	Cum Field Est To Date (Cost) 22,522.00
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Status at Reporting Time

Operations Summary

NO PRESSURES, OPENED WELL, FINISHED PULLING PIPE TO DERRICK, LD BIT AND SCRAPER, PICKED UP STS'S 4 1/2 RBP DRESSED FOR 10.5# CASING, RIH WITH 2 3/8 PRODUCTION PIPE, SET RBP AT 7015.91' WITH 227 JTS 15' IN ON JOINT 227, LD 1 JOINT, RU CIRCULATING EQUIPMENT, CIRCULATED OIL AND GAS OUT, PRESSURE TESTED CASING AND PLUG UP TO 2000 PSI, HELD GOOD FOR 15 MINUTES, RELEASED THE PRESSURE, LD 4 JTS, SPOTTED 2 SACKS OF SAND ON TOP OF THE PLUG, LD 5 MORE JTS, LANDED TBG AT 6725.46' KB WITH 217 JTS OF 2 3/8 J-55 SEAT NIPPLE AND RETRIEVING HEAD, RU SWAB LUBRICATOR, MADE A BROACH RUN DOWN TO SEAT NIPPLE, RD SWAB LUBRICATOR, ND BOP AND 3K WELL HEAD, INSTALLED NEW 5K WELL HEAD WITH 5K VALON VALVES AND 2 3/8 MASTER VALVE, PICK TESTERS TORQUE AND TESTED WELL HEAD, CLOSE WELL, RACK PUMP AND TANK, RDMOL.

FINAL REPORT.

TUBING DETAILS

217 JTS 2 3/8 J-55	6712.26
KB	9.00
SEAT NIPPLE	1.20
RETRIEVING HEAD	3.00
TOTAL	6725.46

Operations Next Report Period

FINAL REPORT.

Weather	Temperature (°F)	Hole Condition	Road Condition
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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Code Des	Com
06:00	07:00	1.00	1.00	TRAV	Travel - To Location	CREW TRAVEL, SAFETY MEETING.
07:00	08:00	1.00	2.00	PULT	Pull Tubing	FINISH PULLING PIPE TO DERRICK.
08:00	09:30	1.50	3.50	RUTB	Run Tubing	RIH WITH SEAT NIPPLE AND RBP, SET RBP AT 7015.91'.
09:30	10:30	1.00	4.50	CIRC	Circulating	CIRCULATE OIL AND GAS OUT.
10:30	11:00	0.50	5.00	PTST	Pressure Test	PRESSURE TEST CASING AND PLUG UP TO 2000 PSI FOR 15 MINUTES.
11:00	12:00	1.00	6.00	ROTH	Other Rig Work	MADE A BROACH RUN DOWN TO SEAT NIPPLE.
12:00	12:30	0.50	6.50	BOPR	Remove BOP's	ND BOP AND WELL HEAD, INSTALL 5K WELL HEAD.
12:30	13:00	0.50	7.00	PTST	Pressure Test	TORQUE AND TEST WELL HEAD.
13:00	14:00	1.00	8.00	SRIG	Rig Up/Down	RACK PUMP AND TANK RIG DOWN.
14:00	15:00	1.00	9.00	TRAV	Travel - From Location	



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Report #: 1.0

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District Evans	Field Name Eaton	County Weld	State CO	
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KB-Ground Distance (ft) 11.00				

Daily Operation: 7/23/2018 06:00 - 7/23/2018 18:00

AFE Number	Job Category Completion/Workover	Objective TEST TUBING, SET PLUG ABOVE THE TOP PERFS AND TEST CASING FOR WBI.	Start Date 7/23/2018	End Date 7/24/2018	Primary Job Type WBI - Plug Set Other Operator	Secondary Job Type
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Rigs

Contractor Ensign	Rig Number 354
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Daily Operations

Report Start Date 7/23/2018	Report End Date 7/23/2018	Daily Field Est Total (Cost) 9,388.00	Cum Field Est To Date (Cost) 9,388.00
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Status at Reporting Time

Operations Summary

ITP 600 PSI, ICP 1000 PSI, ISCP 0 PSI, WELL WAS SHUT IN, MIRU ENSIGN RIG 354, BLEW DOWN WELL TO RIG TANK, FUNCTION TESTED BOP, CONTROLLED WELL WITH 50 BBL OF CLAYTREAT/BIOCIDE WATER, ND PRODUCTION TREE, NU BOP, PICKED UP TAG JTS, TAGGED WITH 5 JTS 132', LD TAG JTS, TALLY OUT OF THE HOLE WITH 2 3/8 PRODUCTION PIPE TO DERRICK, TBG WAS LANDED AT 7359.06' WITH 237 JTS AND NC/SN, MIRU PICK TESTERS, PU STS'S 3 7/8 BLADE BIT AND 4 1/2 SCRAPER DRESSED FOR 10.5 CASING, RIH WITH PRODUCTION PIPE DOWN TO 7347.96' WITH 237 JTS, RD HYDRO TESTER, ALL PIPE TESTED GOOD, LD 10 JTS ON THE GROUND, PULLED 120 JTS TO DERRICK, SI AND SECURE WELL FOR THE NIGHT, SD.

Operations Next Report Period

FINISHED PULLING PIPE, RIH WITH RBP, SET IT AT 7015', TEST CASING, RDMOL.

Weather	Temperature (°F)	Hole Condition	Road Condition
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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Code Des	Com
06:00	07:00	1.00	1.00	TRAV	Travel - To Location	CREW TRAVEL, SAFETY MEETING.
07:00	08:00	1.00	2.00	RMOV	Rig Move	ROAD RIG TO NEW LOCATION.
08:00	09:00	1.00	3.00	SRIG	Rig Up/Down	RIG UP, PUMP, TANK AND RIG.
09:00	10:30	1.50	4.50	WKLL	Kill Well	BLEW DOWN WELL, CONTROL WELL WITH 50 BBL.
10:30	11:00	0.50	5.00	BOPI	Install BOP's	ND PRODUCTION TREE, NU BOP.
11:00	13:00	2.00	7.00	PULT	Pull Tubing	TAG UP, LD TAG JTS, TALLY OUT OF THE HOLE.
13:00	16:00	3.00	10.00	RUTB	Run Tubing	TEST IN THE HOLE WITH BIT AND SCRAPER.
16:00	17:00	1.00	11.00	PULT	Pull Tubing	RIG DOWN HYDRO TESTER, LD 10 JTS, PULL 120 JTS TO DERRICK.
17:00	18:00	1.00	12.00	TRAV	Travel - From Location	



Well History

Well Name: Telarico 33C

API 05123253200000	Surface Legal Location SWNE 33 7N 66W	Field Name Eaton	State CO	Well Configuration Type Vertical
Ground Elevation (ft) 4,903.00	Original KB Elevation (ft) 4,914.00	KB-Ground Distance (ft) 11.00	Spud Date 1/20/2008 16:45	Rig Release Date On Production Date 6/11/2008

Job

Drilling - original, 1/20/2008 12:00

Job Category Drilling	Primary Job Type Drilling - original	Start Date 1/20/2008	End Date 1/25/2008	Objective Drill and Complete new Codell producer
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Daily Operations

Start Date	Summary	End Date
1/20/2008	Ensign Rig 31 spud at 16:45 hours 20-Jan-08. Drilled 12-1/4" surface hole to 961' (961'). 12-1/4" Bit #1:WLS115. Defls: 0.39 at 250', 0.07 at 516', 2.07 at 961'. Made wiper trip to surface. Currently C&C hole for casing.	1/21/2008
1/21/2008	C&C hole. TOH. Ran 23 joints 8-5/8", 24#/ft casing (940') set at 951' KB. Cemented by Cementers Energy with 670 sacks Class "G" + 3% CaCl2 + 1/4# celloflake/sk (15.6 ppg, 1.18 ft3/sk). Plug down at 10:45 hours 21-Jan-08. Circulated cement. NU BOP. Tested BOP and casing to 500 psig. Currently drilling at 2353' (1392'). 7-7/8" Bit #1:M519. Drilling with water. Defls: 2.21 at 1495', 1.80 at 2004'. BHA: Bit, motor, 10 - 6" DC's and 6 joints HWDP (501').	1/22/2008
1/22/2008	Drilling at 4925' (2572'). 7-7/8" Bit #1:M519. Drilling with water. Defls: 1.42 at 2512', 1.44 at 3022', 0.71 at 3497', 1.87 at 4194', 1.38 at 4702'. BHA: Bit, motor, 10 - 6" DC's and 6 joints HWDP (501').	1/23/2008
1/23/2008	Drilling at 7312' (2387'). 7-7/8" Bit #1:M519. Mud wt. 9.2; visc. 40. Defls: 0.82 at 5529', 0.69 at 6483'. BHA: Bit, motor, 10 - 6" DC's and 6 joints HWDP (501').	1/24/2008
1/24/2008	Drilled to 7536' TD (224'). 7-7/8" Bit #1:M519. Mud wt. 9.0; visc. 55. Defls: 0.75 at 7536'. BHA: Bit, motor, 10 - 6" DC's and 6 joints HWDP (501'). Made short trip above Niobrar. C&C mud. LDDP. PSI ran DIL, CDL, CNL, GR from 7529'. Ran 4-1/2" casing and cemented, detailed report to follow. Rig released at 06:00 hours 25-Jan-08. Note: Reached TD at 10:00 hours 24-Jan-08. Casing report: Run 177 jts 4.5", 10.5#, M-65, ST&C, 5100# test, Run 1 jt 4.5", 11.6#, M-80, LT&C, 7100# test, delivered from Colorado Tubulars yard in Ft. Morgan. Total 7492.01' landed @ 7505.59' w 12' landing jt in. Shoe 1.58', shoe jt 14.18', 5 jts 211.93', marker jt 14.65', 8 jts 340.60', marker jt 14.16', 161 jts 6853.61'. 1 jt M-80 42.88' PBDT 7489.83'. Tagged with 35' of tag jt. 7 jts left on rack total 293.88', which will be moved to next well. Ran 10 centralizers on bottom every other jt TD to 6738'. Cement report: Halliburton Services pump 20 bbls Clayfix water, 24 bbls mud flush, followed by 20 bbls Clayfix water spacer. Mix and pump 590 sx [ordered] 542 sx [calculated] HLC STD 65% CMT, 35% POZ, 10% Gel, 0.5% Econolite, 0.2% D-Air, 5#/sk Silicate, 344 bbls slurry mixed @ 11.0 ppg, 11.0 ppg average for a yield of 3.27. Cement covers from Surface to 6550' w/ 10% excess. Mix and pump Tail cement 150 sx [ordered] 165 sx [calculated] 50/50 POZ w/ 35% Silica Flour, 5#/sk Silicate, 0.5% Halad R-23, 0.3% Halad R-322, 0.2% HR-5, 0.5% CFR-3 W/O Defoamer, and 2% gel, 44 bbls slurry mixed @ 14.6 ppg, 14.6 ppg average for a yield of 1.64. Cement covers from 6550' to TD w/ 0% excess. Displace w/ 119 bbls Clayfix wtr. Bump plug w/ 2500 psi, held. Daily Cost: \$ 88700 Cost to Date: \$ 261297	1/25/2008
4/23/2008	100#s csg open flowing to FBT, MIRU Basic rig #1544, blew well down, control well w/40 bbls 2% KCL, ND WH, PU STS Oil Tools 3 5/8" OD x 2 7/8" ID burn shoe, TIH picking up tallying new 2 3/8" production tbg, tagged cast iron flow through plug at 7301.45' KB and tools (no sand on plug), RU to drill out plug, circulated and drilled up plug, continue chasing plug to bttm, tagged sand fill again at 7364.05' KB and tools w/238 jts, circulated down to 7451' (PBDT) w/242 jts, rolled hole clean, LD 5 jts, POOH to derrick w/40 jts, isolate well, SDFN.	4/23/2008
4/24/2008	10#s tbg/0#s csg, finish POOH to derrick w/production tbg, LD tools, (note: most of cast iron plug was stuck in burn shoe), PU sn/nc, TIH w/production tbg, ND BOPs, land tbg at 7351.11' KB w/8', 6' subs and 237 jts 2 3/8" 4.7# J-55 EUE 8rd tbg, sn/nc, NU WH, dropped FB full port standing valve and chased to bttm w/1.901" broach seating it in seatnipple, isolate well, RDMO	4/24/2008

Initial Completion, 3/28/2008 06:00

Job Category Completion/Workover	Primary Job Type Initial Completion	Start Date 3/28/2008	End Date 3/28/2008	Objective Perforate and complete Codell / Niobrar
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Daily Operations

Start Date	Summary	End Date
3/28/2008	MIRU Nuex Wireline: Ran GR/VDL/CBL log finding PBDT @ 7451' and Cement Top @ Surface. Good cement bond. Perforated the Codell formation from 7368'-7376' (3 spf, 11 gram charges, 0.34" entry holes, and 13.59" penetration) 24 holes total. Prepared well for Codell stimulation.	3/28/2008
4/1/2008	2 Stage Codell / Niobrar: MIRU BJ Services. Well was loaded @ open. (Break 2688 psi @ 2.4 BPM) Pumped 131 bbls and shutdown (ISDP 3019 psi) (Five min 2615 psi) (FG 0.84), 512 bbls of Vistar 20# pad, 285 bbls of 1.0 ppg 20/40 slurry with 20# Vistar, 475 bbls of 2.0 ppg 20/40 slurry with 20# Vistar, 643 bbls of 3.0 ppg 20/40 slurry with 20# Vistar, 525 bbls of 4.0 ppg slurry with 20# Vistar, 59 bbls of 4.0 ppg SB Excel slurry with 20# Vistar. Flushed well to top of the Codell perf (117.5 bbls) with a 3 bbl spacer followed by 12 bbls of 15% HCl followed by 99.6 bbls claytreated water (Spotting acid @ top of Niobrar B Bench). Shutdown (ISDP 3637 psi) (Five min 3282 psi). Fluid contained the following chemicals: 5 gpt GBW-45LE, 1.0 gpt XLW-14, 1.0 gpt Inflo/NE 940, 1.0 gpt Claytreat-3C, 2.0 ppt GBW-21, 2.0 ppt GS-1A, 1.0 ppt High Perm CRB-LT, 1.25 ppt GBW-5, (5 ppt GBW-5 ppt through flush) (221040 lbs 20/40) (8720 lbs 20/40 SB Excel). RD BJS MIRU Nuex Wireline. MTP = 5425 psi, ATP = 4102 psi, AIR = 16.8 bpm. Pressure response was slightly positive for entire treatment. Treatment went good	4/1/2008



Well History

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Ground Elevation (ft) 4,903.00	Original KB Elevation (ft) 4,914.00	KB-Ground Distance (ft) 11.00	Spud Date 1/20/2008 16:45	Rig Release Date On Production Date 6/11/2008

Daily Operations

Start Date	Summary	End Date
4/1/2008	<p>Niobrara Hybrid: RIH with Nuex wireline using High pressure control unit and grease head, set STS Cast iron flowthrou 10k frac plug @ 7290' with a baker #10. Duel fire 3 1/8" slick gun and Hero charges (21gram, .39 entry hole, 30.92 penetration, 120 degree phasing) Perforate A bench @ 7064'-7066' (3 SPF), perforate Niobrara B bench @ 7190'-7204' (3 SPF) (48 New Holes). POOH and RDMO Nuex</p> <p>New Niobrara: BJ Services performed a Niobrara stimulation. Well was loaded (Break 4706 @ 2.0 BPM) Pumped 1424 bbls Slickwater pad, 191 bbls of Vistar 18# x-linked pad, 191 bbls of 0.5 ppg 30/50 slurry with 18# Vistar, 262 bbls of 1.0 ppg 30/50 slurry with 18# Vistar, 739 bbls of 2.0 ppg 30/50 slurry with 18# Vistar, 837 bbls of 3.0 ppg 30/50 slurry with 18# Vistar, 318 bbls of 4.0 ppg 30/50 slurry with 18# Vistar. 90 bbls of 4.0 ppg 20/40 SB Excel slurry with 18# Vistar. Flushed well to top Niobrara A perf (112.7 bbls) Shutdown (ISDP 4001 psi) (FG .99). 30/50 white sand (241640 lbs) 20/40 SB Excel proppant (12620 lbs) Fluid contained the following chemicals: 1.5 gpt - 2.0 gpt FRW-14, 1.0 gpt Claytreat-3C, 0.8 gpt XLW-14, 0.4 gpt XLW-22C, 0.75 gpt Inflo-150, 1.0 ppt GBW-21, 0.4 BF-9L, 0.25 gpt NE-940, 1.0 gpt BC-3, 4.5 gpt GW-45LE, 2.0 ppt High Perm CRB, 1.0 ppt High perm CRB-LT, 1.0 ppt GBW-5, 4.0 ppt GBW-5 in Flush. MTP = 5344 psi, ATP = 4899 psi, AIR = 40.6 bpm. Pressure response was slightly positive the whole job. Pumped treatment through 4 1/2" casing. RD BJS, turned well on to flowback on a 14/64" choke. Treatment went good.</p>	4/1/2008

Tubing Repair, 11/12/2013 06:00

Job Category Completion/Workover	Primary Job Type Tubing Repair	Start Date 11/12/2013	End Date 11/12/2013	Objective Tubing Repair
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Daily Operations

Start Date	Summary	End Date
11/12/2013	ITP 600 psi, ICP 500 psi, SSCP 00 psi, on blow down to through production equipment, MIRU Ensign rig #314, blew well down to rig tank, control well w/40 bbls Claytreat/Biocide water, ND WH, NU BOP, PU 4 tag jt, tagged at 7,469.22 (101.22' of rat hole below Codell) w/ 241 jts, LD tag jts, POOH w/production tbg standing back to derrick (POOH w/237 jts 2 3/8" J-55 tbg, 1-6' and 1-8' subs, sn/nc, tbg was landed at 7,343.22' KB (24.78' above Codell), MIRU Pick Testers, PU NC/SN. TIH w/ 2 3/8" 4.7# J-55 EUE 8 rd. prod. tbg from derrick testing to 6000 psi, found 2 bad jts, all other jts tested good, RD tester and landed tbg. 12.78' above Codell @ 7,355.22' KB w/237 jts, 1-6' and 1-8' subs. ND BOP and NU WH. RU sand line, and pack off to WH.. RIH w/1.901" broach and broached to seat nipple. Tubing broached good. RD sand line and pack off. Si and isolated well, drained lines, racked pump and tank, RDMOL.	11/12/2013
2/12/2015	Core Tech RIH w/ 2" JDC and fished plunger @ 7346, fished standing valve @ 7347, RIH w/ 1.5" B Lind Box and tagged fill @ 7470. RDMO.	2/12/2015
4/24/2016	Core Tech RIH w/ 2" JDC and fished Plunger @ 4348 TWNG @4349 2 stage @ 4350 Bottom Plunger @ 7352. Dropped new slide and sleeve plunger. RIH w/ 2 " JDC and set rebuilt 2 stage @ 4320 Dropped new TWNG and PCS AS. RDMO.	4/24/2016

Wireline, 5/8/2017 12:00

Job Category Other	Primary Job Type Wireline	Start Date 5/8/2017	End Date 5/8/2017	Objective REBUILD 2 STAGE
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Daily Operations

Start Date	Summary	End Date
5/8/2017	Coretech RU, RIH w/ 2" JUC to fish plgr @ 4358', TWNG @ 4360', 2 stage @ 4362', bypass plgr @ 7362'. Dropped new bypass plgr. Rebuilt and reset 2 stage @ 4362'. Dropped new TWNG and plgr. RDMO	5/8/2017

WBI - Plug Set Other Operator, 7/23/2018 06:00

Job Category Completion/Workover	Primary Job Type WBI - Plug Set Other Operator	Start Date 7/23/2018	End Date 7/24/2018	Objective TEST TUBING, SET PLUG ABOVE THE TOP PERFS AND TEST CASING FOR WBI.
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Daily Operations

Start Date	Summary	End Date
7/23/2018	ITP 600 PSI, ICP 1000 PSI, ISCP 0 PSI, WELL WAS SHUT IN, MIRU ENSIGN RIG 354, BLEW DOWN WELL TO RIG TANK, FUNCTION TESTED BOP, CONTROLLED WELL WITH 50 BBL OF CLAYTREAT/BIOCIDE WATER, ND PRODUCTION TREE, NU BOP, PICKED UP TAG JTS, TAGGED WITH 5 JTS 132', LD TAG JTS, TALLY OUT OF THE HOLE WITH 2 3/8 PRODUCTION PIPE TO DERRICK, TBG WAS LANDED AT 7359.06' WITH 237 JTS AND NC/SN, MIRU PICK TESTERS, PU STS'S 3 7/8 BLADE BIT AND 4 1/2 SCRAPER DRESSED FOR 10.5 CASING, RIH WITH PRODUCTION PIPE DOWN TO 7347.96' WITH 237 JTS, RD HYDRO TESTER, ALL PIPE TESTED GOOD, LD 10 JTS ON THE GROUND, PULLED 120 JTS TO DERRICK, SI AND SECURE WELL FOR THE NIGHT, SD.	7/23/2018



Well History

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				On Production Date 6/11/2008

Daily Operations

Start Date	Summary	End Date										
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217 JTS 2 3/8 J-55	6712.26											
KB	9.00											
SEAT NIPPLE	1.20											
RETRIEVING HEAD	3.00											
TOTAL	6725.46											

RIG/UNIT #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043660-SO2

DATE: 24-Jul-18, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: Telarico 33C (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	7.00	406.50	2,845.50
Rig Up	2.00	290.00	580.00
Crew Travel	3.00	193.60	580.80
Bird Bath Rental	1.00	30.80	30.80
Oil Saver Rubber	2.00	18.00	36.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,113.10
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,113.10

ROD & TUBING DETAILS				
PULLED	SIZE:	PLAIN:	SCRAPERS:	PONY'S:
RAN	SIZE:	PLAIN:	SCRAPERS:	PONY'S:
NOTES:				
TUBING DETAILS				
PULLED	SIZE:	JOINTS:	TALLY:	
RAN	SIZE:	JOINTS:	TALLY:	
LANDED AT:		NIPPLE AT:		
NOTES:				

CUSTOMER STAMP

PUMP DETAILS						
SIZE:	TYPE:	SERIAL #:				
NOTES:						
PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Sunny		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
24-Jul-18, 06:00	24-Jul-18, 18:00	12.00	BOP - Nipple Up/Down - BOPE & Wellhead	Crew traveled to loc crew held safety meeting check press 0/0/0 open to work tank function test BOP test good TOTH 106jnts to derrick L/D 11jnt bit/scraper P/U 4 1/2" RBP RIH w/ 226jnts from derrick P/U 1jnt set RBP 15' out on jnt 227 set @ 7015.91' release tbg from RBP L/D 1jnt R/U Kelly circ well 1hr clean press test plug/csg 2000psi test good R/D Kelly L/D 4jnts to trailer R/U lubricator RIH tbg broach to S/N tbg good R/D lubricator spot 2sxs sand on RBP chase to bottom w/ 24bbi L/D 5jnts land well w/ 217jnts S/N retrieving head landed @ 6725.46' KB 10jnts above RBP R/D work floor tbg equip N/D BOP swap out 5K balon valves on wellhead N/U top flange master valve MIRU pick testers torque/test wellhead test good R/D pick testers shut in well R/D rig R/D pump/tank crew cleaned loc installed wellhead fence move rig/equip to next loc removed well fence spot in rig/equip R/U rig R/U pump/tank shut in well crew cleaned loc crew traveled home
TOTAL TIME: 12.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Service Rig Manager	Matthew McGraw	24-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	24-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	24-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Derrickhand	Geovany Cadena Beltran	24-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	William Moreira	24-Jul-18, 06:00	12.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.
OPERATOR'S REP. SIGNATURE:  Eduardo Chavez 970-397-0599	

**Pick Production Equip.
Sterling, CO 80751**

PDC Energy
Telarico 33C
Ews #354

**Aaron Pickering
970-520-0279**

Eduardo Chevez
Well Head Test

Interval:

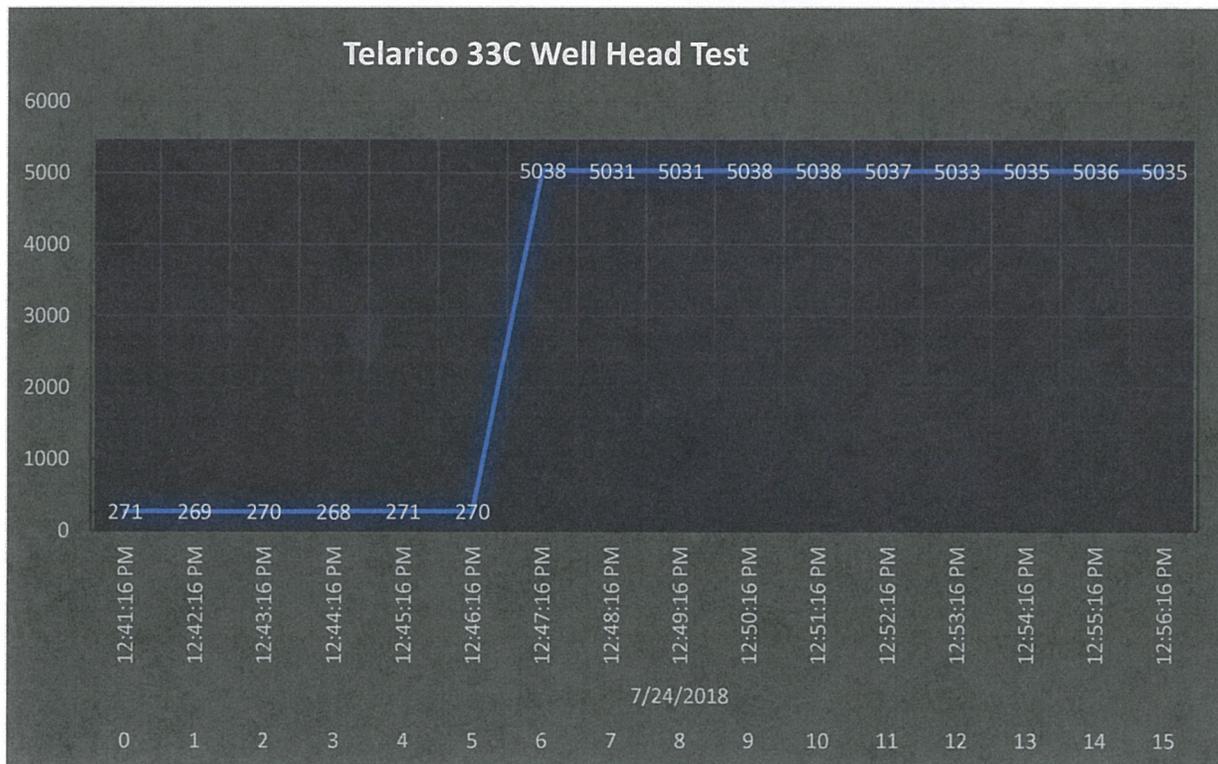
60 Seconds

DataPoint LogDate

LogTime

1-P PSI

DataPoint	LogDate	LogTime	1-P PSI
0		12:41:16 PM	271
1		12:42:16 PM	269
2		12:43:16 PM	270
3		12:44:16 PM	268
4		12:45:16 PM	271
5		12:46:16 PM	270
6		12:47:16 PM	5038
7		12:48:16 PM	5031
8	7/24/2018	12:49:16 PM	5031
9		12:50:16 PM	5038
10		12:51:16 PM	5038
11		12:52:16 PM	5037
12		12:53:16 PM	5033
13		12:54:16 PM	5035
14		12:55:16 PM	5036
15		12:56:16 PM	5035





Field Ticket #
22427
Date
7/24/2018

NO. 22427
7/24/2018

Sater Tools and Services LLC, 2424 6th Ave, Greeley Co 80631 Office 970-356-4644 Fax 970-356-0185

NO.	RENTALS/SALES	QTY	PRICE	DISC	TOTAL
1	Rental of 4-1/2 casing scraper	1	605.00	35%	\$393.25
2	Rental of 2-3/8 reg box x 2-3/8 8rd box	1	125.00	35%	81.25
3	Rental of 3-7/8 blade bit	1	125.00	35%	81.25
4					0.00
5	Rental of 4-1/2 WLTC retrievable bridge plug set with 227jts 15' in @ 7015.91	1	1,670.00	35%	1,085.50
6	Minimum 1st to 5 day rental on retrievable bridge plug	1	250.00	100%	0.00
7					0.00
8	Rental of 5K adopter flange	1	375.00	35%	243.75
9					0.00
10					0.00
11					0.00
12					0.00
13					0.00
14	Sale of 20/40 silica sand	2	19.50		39.00
Subtotal Taxable Charges					\$1,924.00
SERVICE MANS TIME					
	Service mans time	1	\$850.00		\$850.00
					0.00
					0.00
					0.00
Subtotal Non-Taxable Charges					\$850.00
MILEAGE					
	Mileage	30	\$2.95		\$88.50
					0.00
					0.00
					0.00
Subtotal Non-Taxable Charges					\$88.50
Terms: Net 30 Days					
Total Service & Material:					\$2,862.50
Tax:					\$55.80
TOTAL CHARGES:					\$2,918.30

Authorized Agent: Eduardo Chavez Date: _____

P.O. BOX 341
STERLING, CO 80751
970-522-8387

PICK TESTERS HYDRO

TICKET
NO. DH - 10446

B I T L O L	Customer Name	Poc Energy			On Location:	12:00
	Address				On Stand By:	
	City	State	Zip	Customer Order No.	Off Stand By:	
				Bernie	Off Location:	3:00

Purpose of Work Test in Tubing Pressure Used 6000
Date 7-23-18 Lease Delqrica Well No 33C
Field _____ County weld State CO Location _____
Casing Size & Wt. _____ Tubing Size & Wt. 2 3/8
Contractor & # Eusien 354 Round Trip Miles From _____

Directions:

QUANTITY	DESCRIPTION	PRICE	AMOUNT
236	Joints	2.45	578.20
✓	Mileage - Truck	FR	175.-
6	Test Cups	30.-	180.-
11	Hours	25.-	340.-
✓	Methanol - Net com	FR	25.-
	Casing Test		
	Computer Pressure Log		
		Sub Total	1298.20
		Sales Tax	7.02
		Labor	

REPRESENTATIVE BY: Shony Fain TOTAL CHARGES Subject to Correction in accordance with Latest Published Price Schedules 1305.22

✓	Holes
✓	Rod Cuts
✓	Bad Pins
✓	Collar Leaks
✓	Split Joints

All tested good!

Remarks:

Thanks For Your Business!

I certify that the above material and/or services has been delivered and/or used; that the basis for charges are correctly stated; and that I am authorized to sign this agreement as agent of customer.

Company _____ By Ed Date _____