



Well History

Well Name: Anderson 21-34

| | | | | |
|-----------------------------------|--|----------------------------------|-------------------------------|--|
| API 05123244280000 | Surface Legal Location NENW 34 7N 66W | Field Name Eaton | State CO | Well Configuration Type Vertical |
| Ground Elevation (ft) 4,910.00 | Original KB Elevation (ft) 4,920.00 | KB-Ground Distance (ft) 10.00 | Spud Date 12/13/2006 00:00 | Rig Release Date On Production Date 4/5/2007 |

Job

Drilling - original, 12/13/2006 00:00

| | | | | |
|--------------------------|---|--------------------------|----------------------|--------------------------------------|
| Job Category Drilling | Primary Job Type Drilling - original | Start Date 12/13/2006 | End Date 1/9/2007 | Objective Drill a New Codell Well |
|--------------------------|---|--------------------------|----------------------|--------------------------------------|

Daily Operations

| Start Date | Summary | End Date |
|------------|---------|----------|
| | | |

Initial Completion, 1/9/2007 00:00

| | | | | |
|-------------------------------------|--|------------------------|----------------------|-------------------------------------|
| Job Category Completion/Workover | Primary Job Type Initial Completion | Start Date 1/9/2007 | End Date 1/9/2007 | Objective Complete a Codell Well |
|-------------------------------------|--|------------------------|----------------------|-------------------------------------|

Daily Operations

| Start Date | Summary | End Date |
|------------|---------|----------|
| | | |

Wellbore Integrity, 12/27/2013 06:00

| | | | | |
|-------------------------------------|--|--------------------------|------------------------|--|
| Job Category Completion/Workover | Primary Job Type Wellbore Integrity | Start Date 12/27/2013 | End Date 12/30/2013 | Objective Set RBP, and swap out 3K well head with 5K well head for well bore integrity during Anderson horizontal pad frac. |
|-------------------------------------|--|--------------------------|------------------------|--|

Daily Operations

| Start Date | Summary | End Date |
|------------|--|------------|
| 12/27/2013 | ITP-800 psi, ICP-1000 psi., ISCP-0 psi. MI&RU Ensign Rig #314. ND production equipment on the WH, RU pump lines to WH and pressure test to 1500 psi-good test. Blow well down to RT, control well w/ 60 Bbls clay treat w/biocide, csg-30 bbls and tbg-30 bbls. Function test BOPE and visually inspect ram rubbers. Unflange tubing head and NU BOPE, pressure test BOPE to 1500 psi-good test. PU 5 tag jts and never tagged fill, lay down tag jts. MI&RU Pick Testers, TOOHH tallying, and testing 2 3/8" 4.7 lb/ft J-55 EUE 8rd production tubing to 6000 psi, tested out 229 jts, all jts. tested good. RD tester. Tubing was landed @ 7,331.50' w/229 jts., NC/SN-1.6' and 8' adj. KB.. PU 3 7/8" blade bit, casing scraper for 4 1/2" 10.5# casing, and cross over. TIH from the derrick w/229 jts., EOT @ 7,330'. LD 1 jt. and POOH to the derrick w/228 jts.. LD tools. Drain lines, shut in and secured the well for the weekend. | 12/27/2013 |
| 12/30/2013 | No tubing, ICP-30, ISCP-0. Held safety meeting. Open up well and blew down to RT. PU RMOR 4 1/2" 10K WLTC RBP dressed for 10.5 lb/ft casing. TIH and set RBP @ 7,329.32' tools and KB. Lay down 1 jt, RU circulation equipment, break circulation and circulate oil and gas out. Pressure test casing and RBP to 2000 psi-good test. Lay down 4 jts, dump sand and displace w/ 15 bbls. Lay down 5 more jts leaving 219 jts and retrieving head in the hole and 10 jts. on the ground. ND BOPE, swap out 3K tubing head w/ new 5K tubing head from WB Supply w/xx nipples and 5K Balon valves, flange up tubing head, SI well and secure, RDMOL. | 12/30/2013 |
| 3/11/2014 | ITP 0 psi, ICP 0 psi, ISCP 0 psi, well was shut in, MIRU Bayou Rig 22, open the well, function test the BOP, ND top flange and master valve, NU BOP, pressure tested BOP and pump lines up to 2000 psi, no leaks, PU 10 jts of 2 3/8 J-55 4.7 8rd from the ground, tag sand at 7320 with 229 jts, RU circulating equipment and TIW valve, circulated sand down to the plug at 7329.32 with 229 jts, roll the hole clean, released the plug, LD 2 jts, wind was blowing hard, we couldn't pull pipe to the derrick, SI and secure well with 227 jts in the hole, drain pump and lines, SD. | 3/11/2014 |
| 3/12/2014 | ITP 0 psi, ICP 0 psi, ISCP 0 psi, held safety meeting, TOOHH with production pipe to the derrick, LD RBP, PU 2 3/8 seat nipple, RIH with production pipe from the derrick, land the tubing at 7368.47 KB with 230 jts (10.53' above perfs), RU swab lubricator, made a broach run down to seat nipple (1.901"), LD lubricator, ND BOP, NU top flange and master valve, SI and secure well, rack pump and tank, RDMOL, SD. Tubing details KB 8.00 230 jts 2 3/8 J-55 4.7 8rd 7355.27 NC/SN 1.60 Total 7368.47 | 3/12/2014 |
| 10/16/2015 | Core Tech RIH w/ 2" JDC and fished plunger @ 7351, dropped slide and sleeve bypass plunger, RIH w/ 2" JDC and set new 2 stage @4407, dropped new TWNG and plunger fished off bottom. RDMO. | 10/16/2015 |

Wireline, 11/28/2016 08:41

| | | | | |
|-----------------------|------------------------------|--------------------------|------------------------|---------------------------------|
| Job Category Other | Primary Job Type Wireline | Start Date 11/28/2016 | End Date 11/28/2016 | Objective Rebuild Stage tool |
|-----------------------|------------------------------|--------------------------|------------------------|---------------------------------|



Well History

Well Name: Anderson 21-34

| | | | | |
|-----------------------------------|--|----------------------------------|-------------------------------|--|
| API 05123244280000 | Surface Legal Location NENW 34 7N 66W | Field Name Eaton | State CO | Well Configuration Type Vertical |
| Ground Elevation (ft) 4,910.00 | Original KB Elevation (ft) 4,920.00 | KB-Ground Distance (ft) 10.00 | Spud Date 12/13/2006 00:00 | Rig Release Date On Production Date 4/5/2007 |

Daily Operations

| Start Date | Summary | End Date |
|------------|--|------------|
| 11/28/2016 | Rig Up, equalize well RIH fish plunger @ 4409' RIH fish spring @ 4410' RIH no fish, (sheared) RIH Fish 2 stg @ 4412' RIH fish bypass @ 7361' RIH fish seated SV @ 7362' Drop new ball seated valve Drop new Bypass RIH set tool @ 4383' (rebuilt) Drop new spring and plunger. | 11/29/2016 |

Wireline, 1/3/2018 09:00

| | | | | |
|-----------------------|------------------------------|------------------------|----------------------|------------------------------|
| Job Category Other | Primary Job Type Wireline | Start Date 1/3/2018 | End Date 1/3/2018 | Objective REBUILD 2 STAGE |
|-----------------------|------------------------------|------------------------|----------------------|------------------------------|

Daily Operations

| Start Date | Summary | End Date |
|------------|--|----------|
| 1/3/2018 | RU, RIH W/ 2" JDC TO FISH PLUNGER @ 4370, FISH TWNG @ 4371, FISH 2 STAGE @ 4373, FISH PLUNGER @ 7346. DROPPED NEW BYPASS PLUNGER, RIH W/ 2" JDC TO SET 2 STAGE @ 4405, DROP NEW TWNG & PLUNGER, RD. | 1/4/2018 |

WBI - Plug Set Other Operator, 8/2/2018 12:00

| | | | | |
|-------------------------------------|---|------------------------|----------------------|--|
| Job Category Completion/Workover | Primary Job Type WBI - Plug Set Other Operator | Start Date 8/2/2018 | End Date 8/3/2018 | Objective TEST TUBING, SET A PLUG ABOVE THE TOP PERFS, TEST CASING FOR WBI. |
|-------------------------------------|---|------------------------|----------------------|--|

Daily Operations

| Start Date | Summary | End Date |
|------------|---|----------|
| 8/2/2018 | ITP 950 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 153', LD TAG JTS, TALLY OUT OF THE HOLE WITH 2 3/8 PRODUCTION PIPE TO DERRICK, TBG WAS LANDED AT 7389.49' WITH 230 JTS AND NC/SN, SI AND SECURE WELL FOR THE NIGHT, SD. | 8/2/2018 |
| 8/3/2018 | NO PRESSURES, OPENED WELL, 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 7381' WITH 230 JTS, RD HYDRO TESTER, ALL PIPE TESTED GOOD, LD 6 JTS ON THE GROUND, PULLED 124 JTS TO DERRICK, LD BIT AND SCRAPER. MIRU C&J WIRE LINE, PU 4 1/2 10K CIBP, RIH WITH WIRE LINE, SET CIBP AT 7329' CORRELATED WITH LOGS, SPOTTED 2 SACKS OF CEMENT ON TOP OF THE PLUG, RD WIRE LINE, PU 3 7/8 CONE BIT, PUMP OFF BIT SUB AND SEAT NIPPLE, RIH WITH PRODUCTION PIPE DOWN TO 7183.90' WITH 224 JTS, RU CIRCULATING EQUIPMENT, CIRCULATED OIL AND GAS OUT PUMPING DOWN TUBING, PRESSURE TESTED CASING AND PLUG UP TO 2000 PSI, HELD GOOD FOR 15 MINUTES, RU SWAB LUBRICATOR, MADE A BROACH RUN DOWN TO SEAT NIPPLE (1.901"), LD BROACH, PU 2" SWAB CUPS, MADE A SWAB RUN DOWN TO 500', RD SWAB LUBRICATOR, LD 4 JTS, ND BOP, INSTALLED 5K TOP FLANGE AND 2 3/8 MASTER VALVE, LANDED TUBING AT 7069.13' KB WITH 220 JTS, SEAT NIPPLE, PUMP OFF BIT SUB AND 3 7/8 CONE BIT, MIRU PICK TESTERS, TORQUE AND TESTED WELL HEAD UP TO 5000 PSI, RECORDED THE TEST FOR 15 MINUTES, RACK PUMP AND TANK, RDMOL. FINAL REPORT. TUBING DETAILS KB 10.00 218 JTS 2 3/8 J-55 4.7 7055.93 SEAT NIPPLE 1.20 PUMP OFF BIT SUB 2.00 TOTAL 7069.13 NOTE: SENT 10 GOOD JTS OF 2 3/8 J-55 TO RMI TO PDC'S INVENTORY. | 8/3/2018 |



Daily Completion Operations

Date: 8/3/2018
Report #: 2.0

Well Name: Anderson 21-34

| | | | | |
|-----------------------------|--|-------------------------|--|-----------------------------------|
| Well Name Anderson 21-34 | Operator PDC Energy Inc. | API 05123244280000 | Well Number 105.006292 | Last Mod By echavez |
| District Evans | Field Name Eaton | County Weld | State CO | |
| Well Type Development | Surface Legal Location NENW 34 7N 66W | Spud Date 12/13/2006 | Original KB Elevation (ft) 4,920.00 | Ground Elevation (ft) 4,910.00 |
| | | | | KB-Ground Distance (ft) 10.00 |

Daily Operation: 8/3/2018 06:00 - 8/3/2018 19:00

| | | | | | | |
|------------|-------------------------------------|--|------------------------|----------------------|--|--------------------|
| A/E Number | Job Category Completion/Workover | Objective TEST TUBING, SET A PLUG ABOVE THE TOP PERFS, TEST CASING FOR WBI. | Start Date 8/2/2018 | End Date 8/3/2018 | Primary Job Type WBI - Plug Set Other Operator | Secondary Job Type |
|------------|-------------------------------------|--|------------------------|----------------------|--|--------------------|

Rigs

| | |
|----------------------|-------------------|
| Contractor Ensign | Rig Number 354 |
|----------------------|-------------------|

Daily Operations

| | | | |
|-------------------------------|-----------------------------|---|---|
| Report Start Date 8/3/2018 | Report End Date 8/3/2018 | Daily Field Est Total (Cost) 14,653.00 | Cum Field Est To Date (Cost) 20,467.00 |
|-------------------------------|-----------------------------|---|---|

Status at Reporting Time

Operations Summary

NO PRESSURES, OPENED WELL, 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 7381' WITH 230 JTS, RD HYDRO TESTER, ALL PIPE TESTED GOOD, LD 6 JTS ON THE GROUND, PULLED 124 JTS TO DERRICK, LD BIT AND SCRAPER. MIRU C&J WIRE LINE, PU 4 1/2 10K CIBP, RIH WITH WIRE LINE, SET CIBP AT 7329' CORRELATED WITH LOGS, SPOTTED 2 SACKS OF CEMENT ON TOP OF THE PLUG, RD WIRE LINE, PU 3 7/8 CONE BIT, PUMP OFF BIT SUB AND SEAT NIPPLE, RIH WITH PRODUCTION PIPE DOWN TO 7183.90' WITH 224 JTS, RU CIRCULATING EQUIPMENT, CIRCULATED OIL AND GAS OUT PUMPING DOWN TUBING, PRESSURE TESTED CASING AND PLUG UP TO 2000 PSI, HELD GOOD FOR 15 MINUTES, RU SWAB LUBRICATOR, MADE A BROACH RUN DOWN TO SEAT NIPPLE (1.901"), LD BROACH, PU 2" SWAB CUPS, MADE A SWAB RUN DOWN TO 500', RD SWAB LUBRICATOR, LD 4 JTS, ND BOP, INSTALLED 5K TOP FLANGE AND 2 3/8 MASTER VALVE, LANDED TUBING AT 7069.13' KB WITH 220 JTS, SEAT NIPPLE, PUMP OFF BIT SUB AND 3 7/8 CONE BIT, MIRU PICK TESTERS, TORQUE AND TESTED WELL HEAD UP TO 5000 PSI, RECORDED THE TEST FOR 15 MINUTES, RACK PUMP AND TANK, RDMOL.

FINAL REPORT.

TUBING DETAILS

| | |
|------------------------|---------|
| KB | 10.00 |
| 218 JTS 2 3/8 J-55 4.7 | 7055.93 |
| SEAT NIPPLE | 1.20 |
| PUMP OFF BIT SUB | 2.00 |
| TOTAL | 7069.13 |

NOTE: SENT 10 GOOD JTS OF 2 3/8 J-55 TO RMI TO PDC'S INVENTORY.

Operations Next Report Period

FINAL REPORT.

| | | | |
|---------|------------------|----------------|----------------|
| Weather | Temperature (°F) | Hole Condition | Road Condition |
|---------|------------------|----------------|----------------|

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 | 09:30 | 2.50 | 3.50 | RUTB | Run Tubing | TEST IN THE HOLE WITH BIT AND SCRAPER. |
| 09:30 | 11:00 | 1.50 | 5.00 | PULT | Pull Tubing | RIG DOWN HYDRO TESTER, LD 6 JTS, PULL 224 JTS TO DERRICK. |
| 11:00 | 12:30 | 1.50 | 6.50 | WLWK | Wireline | SET CIBP AT 7329' WITH 2 SACKS OF CEMENT ON TOP. |
| 12:30 | 14:00 | 1.50 | 8.00 | RUTB | Run Tubing | RIH WITH PUMP OFF BIT SUB. |
| 14:00 | 14:30 | 0.50 | 8.50 | CIRC | Circulating | CIRCULATE OIL AND GAS OUT. |
| 14:30 | 15:00 | 0.50 | 9.00 | PTST | Pressure Test | PRESSURE TEST CASING AND PLUG UP TO 2500 PSI FOR 15 MINUTES. |
| 15:00 | 16:00 | 1.00 | 10.00 | ROTH | Other Rig Work | MADE A BROACH RUN DOWN TO SEAT NIPPLE, MADE A SWAB RUN DOWN TO 500'. |
| 16:00 | 16:30 | 0.50 | 10.50 | BOPR | Remove BOP's | ND BOP, INSTALL 5K TOP FLANGE. |
| 16:30 | 17:00 | 0.50 | 11.00 | PTST | Pressure Test | TORQUE AND TEST WELL HEAD. |
| 17:00 | 18:00 | 1.00 | 12.00 | SRIG | Rig Up/Down | RACK PUMP AND TANK RIG DOWN. |
| 18:00 | 19:00 | 1.00 | 13.00 | TRAV | Travel - From Location | |



Daily Completion Operations

Date: 8/2/2018
Report #: 1.0

Well Name: Anderson 21-34

| | | | | |
|-----------------------------|--|-------------------------|--|-----------------------------------|
| Well Name Anderson 21-34 | Operator PDC Energy Inc. | API 05123244280000 | Well Number 105.006292 | Last Mod By echavez |
| District Evans | Field Name Eaton | County Weld | State CO | |
| Well Type Development | Surface Legal Location NENW 34 7N 66W | Spud Date 12/13/2006 | Original KB Elevation (ft) 4,920.00 | Ground Elevation (ft) 4,910.00 |
| | | | | KB-Ground Distance (ft) 10.00 |

Daily Operation: 8/2/2018 12:00 - 8/2/2018 18:00

| | | | | | | |
|------------|-------------------------------------|--|------------------------|----------------------|--|--------------------|
| A/E Number | Job Category Completion/Workover | Objective TEST TUBING, SET A PLUG ABOVE THE TOP PERFS, TEST CASING FOR WBI. | Start Date 8/2/2018 | End Date 8/3/2018 | Primary Job Type WBI - Plug Set Other Operator | Secondary Job Type |
|------------|-------------------------------------|--|------------------------|----------------------|--|--------------------|

Rigs

| | |
|----------------------|-------------------|
| Contractor Ensign | Rig Number 354 |
|----------------------|-------------------|

Daily Operations

| | | | |
|-------------------------------|-----------------------------|--|--|
| Report Start Date 8/2/2018 | Report End Date 8/2/2018 | Daily Field Est Total (Cost) 5,814.00 | Cum Field Est To Date (Cost) 5,814.00 |
|-------------------------------|-----------------------------|--|--|

Status at Reporting Time

Operations Summary

ITP 950 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 153', LD TAG JTS, TALLY OUT OF THE HOLE WITH 2 3/8 PRODUCTION PIPE TO DERRICK, TBG WAS LANDED AT 7389.49' WITH 230 JTS AND NC/SN, SI AND SECURE WELL FOR THE NIGHT, SD.

Operations Next Report Period

TEST IN THE HOLE WITH BIT AND SCRAPER, POOH, SET CIBP AT 7329', RUN TBG WITH PO BIT, ROLL THE HOLE, TEST CASING, RDMOL.

| | | | |
|---------|------------------|----------------|----------------|
| Weather | Temperature (°F) | Hole Condition | Road Condition |
|---------|------------------|----------------|----------------|

Time Log

| Start Time | End Time | Dur (hr) | Cum Dur (hr) | Code | Code Des | Com |
|------------|----------|----------|--------------|------|------------------------|--|
| 12:00 | 13:00 | 1.00 | 1.00 | TRAV | Travel - To Location | CREW TRAVEL, SAFETY MEETING. |
| 13:00 | 14:00 | 1.00 | 2.00 | RMOV | Rig Move | ROAD RIG TO NEW LOCATION. |
| 14:00 | 15:00 | 1.00 | 3.00 | SRIG | Rig Up/Down | RIG UP, PUMP, TANK AND RIG. |
| 15:00 | 16:30 | 1.50 | 4.50 | WKLL | Kill Well | BLEW DOWN WELL, CONTROL WELL WITH 50 BBL. |
| 16:30 | 17:00 | 0.50 | 5.00 | BOPI | Install BOP's | ND PRODUCTION TREE, NU BOP. |
| 17:00 | 19:00 | 2.00 | 7.00 | PULT | Pull Tubing | TAG UP, LD TAG JTS, TALLY OUT OF THE HOLE. |
| 19:00 | 20:00 | 1.00 | 8.00 | TRAV | Travel - From Location | |



ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645
Telephone (970) 284-6006



RIG/UNIT #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043674-SO2

DATE: 03-Aug-18, 06:00

Page: 1 of 1

| COMPANY | | | |
|--------------------------------------|--|---|------|
| PDC ENERGY, INC | | LOCATION: ANDERSON 21-34 (CO, Station: Lasalle) | PO: |
| ATTENTION: ACCOUNTS PAYABLE | | | AFE: |
| BRIDGEPORT, West Virginia, USA 26330 | | | |

| CHARGES & EXPENDABLES | | | |
|-----------------------------------|------|------------|-------------|
| NAME | QTY | UNIT PRICE | EXT. PRICE |
| Rig Hours | 9.50 | 406.50 | 3,861.75 |
| Rig Up | 1.00 | 290.00 | 290.00 |
| Crew Travel | 2.00 | 193.60 | 387.20 |
| Bird Bath Rental | 1.00 | 30.80 | 30.80 |
| Oil Saver Rubber | 2.00 | 18.00 | 36.00 |
| Tubing Wiper Rubber | 1.00 | 48.00 | 48.00 |
| Thread Dope | 1.00 | 40.00 | 40.00 |
| CHARGES & EXPENDABLES SUB-TOTAL | | | 4,693.75 |
| FIELD ESTIMATE (TAX NOT INCLUDED) | | | \$ 4,693.75 |

| ROD & TUBING DETAILS | | | |
|----------------------|-------|------------|-----------|
| ROD DETAILS | | | |
| PULLED | SIZE: | PLAIN: | SCRAPERS: |
| PONYS: | | | |
| RAN | SIZE: | PLAIN: | SCRAPERS: |
| PONYS: | | | |
| NOTES: | | | |
| TUBING DETAILS | | | |
| PULLED | SIZE: | JOINTS: | TALLY: |
| RAN | SIZE: | JOINTS: | TALLY: |
| LANDED AT: | | NIPPLE AT: | |
| NOTES: | | | |
| PUMP DETAILS | | | |
| SIZE: | | TYPE: | SERIAL #: |

| 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: Partly Cloudy | | WIND: Light | | TEMP: 0 °F | | H2S (%): 0.0 |

| DETAILS OF OPERATIONS | | | | |
|-------------------------|------------------|----------------|--|--|
| FROM | TO | DURATION (hrs) | ACTIVITY | DETAILS |
| 03-Aug-18, 06:00 | 03-Aug-18, 18:30 | 12.50 | 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 MIRU hydrotester P/U 4 1/2" bit/scraper TITH testing tbg in w/ 230jnts 0 bad jnts R/D hydrotester TOTH 224 jnts to derrick L/D 6jnts L/D scraper MIRU wireline RIH CIBP set @ 7329' dump 2sxs cement R/D wireline TITH w/ 3 7/8 cone bit P/O bit sub S/N 224jnts 2 3/8 tbg to 7197.50' R/U Kelly circ well 1hr clean press test plug/csg to 2000psi test good R/D Kelly L/D 4jnts land well w/ 3 7/8 cone bit, P/O bit sub, S/N, 220jnts 2 3/8 tbg bit landed @ 7069.13' KB 259.87' above CIBP R/U lubricator RIH w/ tbg broach to S/N tbg good R/D lubricator R/D work floor tbg equip N/D BOP N/U 5K top flange master valve replaced 5K balon valves on wellhead MIRU pick testers torque/test wellhead test good R/D pick testers R/D rig R/D pump/tank prep rig /equip for rig move crew cleaned loc crew traveled home |
| TOTAL TIME: 12.50 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 | 03-Aug-18, 06:00 | 12.50 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Operator | Ever Valverde | 03-Aug-18, 06:00 | 12.50 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Floorhand | Jeffrey Garcia | 03-Aug-18, 06:00 | 12.50 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Derrickhand | Geovany Cadena Beltran | 03-Aug-18, 06:00 | 12.50 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Derrickhand | Justin Arbogast | 03-Aug-18, 06:00 | 12.50 | 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 |



ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645
Telephone (970) 284-6006



RIG/UNIT #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043674-SO1

DATE: 02-Aug-18, 12:00

Page: 1 of 1

| COMPANY | | | | |
|--------------------------------------|--|---|--|------|
| PDC ENERGY, INC | | LOCATION: ANDERSON 21-34 (CO, Station: Lasalle) | | PO: |
| ATTENTION: ACCOUNTS PAYABLE | | | | AFE: |
| BRIDGEPORT, West Virginia, USA 26330 | | | | |

| CHARGES & EXPENDABLES | | | |
|-----------------------------------|------|------------|-------------|
| NAME | QTY | UNIT PRICE | EXT. PRICE |
| Rig Hours | 4.00 | 406.50 | 1,626.00 |
| Rig Up | 1.00 | 290.00 | 290.00 |
| Crew Travel | 1.00 | 193.60 | 193.60 |
| Bird Bath Rental | 1.00 | 30.80 | 30.80 |
| Tubing Wiper Rubber | 1.00 | 48.00 | 48.00 |
| CHARGES & EXPENDABLES SUB-TOTAL | | | 2,188.40 |
| FIELD ESTIMATE (TAX NOT INCLUDED) | | | \$ 2,188.40 |

| ROD & TUBING DETAILS | | | | |
|----------------------|-------|------------|-----------|-----------|
| ROD DETAILS | | | | |
| PULLED | SIZE: | PLAIN: | SCRAPERS: | PONYS: |
| RAN | SIZE: | PLAIN: | SCRAPERS: | PONYS: |
| NOTES: | | | | |
| TUBING DETAILS | | | | |
| PULLED | SIZE: | JOINTS: | TALLY: | |
| RAN | SIZE: | JOINTS: | TALLY: | |
| LANDED AT: | | NIPPLE AT: | | |
| NOTES: | | | | |
| PUMP DETAILS | | | | |
| SIZE: | | TYPE: | | SERIAL #: |

| 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 |
| 02-Aug-18, 06:00 | 02-Aug-18, 12:00 | 6.00 | BOP - Nipple Up/Down - BOPE & Wellhead | Crew traveled to loc crew held safety meeting removed well fence spot in rig/equip R/U rig R/U pump/tank check press 950/1000/0 bleed off to work tank pump 30bbl tbg 40bbl csg killed well function test BOP test good N/D well tree master valve 5K top flange N/U BOP R/U work floor tbg equip unland tbg from wellhead P/U 5 tag jnts tag 5' out 5th jnt L/D 5 tag jnts Tally out 230jnts 2 3/8tbg to derrick shut in well crew cleaned loc crew traveled home |
| TOTAL TIME: 6.00 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 | 02-Aug-18, 12:00 | 6.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Operator | Ever Valverde | 02-Aug-18, 12:00 | 6.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Floorhand | Jeffrey Garcia | 02-Aug-18, 12:00 | 6.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Derrickhand | Geovany Cadena Beltran | 02-Aug-18, 12:00 | 6.00 | 0.00 | No | 0.00 | | 0.00 | Yes |
| Derrickhand | Justin Arbogast | 02-Aug-18, 12:00 | 6.00 | 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 |



Field Ticket #

22460

Date

NO 22460
8/3/2018

Sater Tools and Services LLC, 2424 6th Ave, Greeley Co 80631

Office 970-356-4644 Fax 970-356-0185

| Bill To Customer: | | | | P D C | | PO# | | Lease Name: | | Anderson | | Well #: | | 21-34 | |
|-------------------|---|--|--|-----------------|--|------------|--|------------------------------|----------|-----------------|------------|-----------------|--|-------|--|
| Address: | | | | 3801 Carson Ave | | | | County: | | CO | | Invoice Ref. #: | | | |
| City: | | | | Evans | | | | Job Type: | | | | OCSG #: | | | |
| State: | | | | CO | | Zip: 80620 | | Casing Sz & Wt: | | 4-1/2 11.6# | | | | | |
| Ordered By: | | | | Eduardo Chavez | | 76+31 | | Service Man: | | MERCED TERRAZAS | | | | | |
| NO. | RENTALS/SALES | | | | | | | QTY | PRICE | DSC | 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 | Sale of pump off bit sub | | | | | | | 1 | 800.00 | | 800.00 | | | | |
| 5 | Sale of 3-7/8 cone bit | | | | | | | 1 | 1,245.00 | 36% | 796.80 | | | | |
| 6 | Sale of float | | | | | | | 1 | 160.00 | | 160.00 | | | | |
| 7 | | | | | | | | | | | 0.00 | | | | |
| 8 | Rental of 7-1/16 5K BOP adopter flange | | | | | | | 1 | 425.00 | 35% | 276.25 | | | | |
| 9 | | | | | | | | | | | 0.00 | | | | |
| 10 | | | | | | | | | | | 0.00 | | | | |
| 11 | | | | | | | | | | | 0.00 | | | | |
| 12 | | | | | | | | | | | 0.00 | | | | |
| 13 | | | | | | | | | | | 0.00 | | | | |
| 14 | | | | | | | | | | | 0.00 | | | | |
| | | | | | | | | Subtotal Taxable Charges | | | \$2,588.80 | | | | |
| SERVICE MANS TIME | | | | | | | | | | | | | | | |
| | | | | | | | | | | | \$0.00 | | | | |
| | | | | | | | | | | | 0.00 | | | | |
| | | | | | | | | | | | 0.00 | | | | |
| | | | | | | | | | | | 0.00 | | | | |
| | | | | | | | | Subtotal Non-Taxable Charges | | | \$0.00 | | | | |
| MILEAGE | | | | | | | | | | | | | | | |
| Mileage | | | | | | | | 35 | \$2.95 | | \$103.25 | | | | |
| | | | | | | | | | | | 0.00 | | | | |
| | | | | | | | | | | | 0.00 | | | | |
| | | | | | | | | | | | 0.00 | | | | |
| | | | | | | | | Subtotal Non-Taxable Charges | | | \$103.25 | | | | |

Authorized Agent: _____ \$ _____

Date: _____

WALTER CORPORATION

Walter Corporation, LLC 33250 CR 53 Gill, CO 80624

Office: 970.301.2028

Fax: 970.284.6682

Field Ticket #

22461

Date

NO 22461
8/3/2018

| | | | | | | | | |
|-------------------|--|-----------------|------|-------------|-----------------|----------|-----------|-------|
| Bill To Customer: | | P D C | PO# | Lease Name: | | Anderson | Well # | 21-34 |
| Address: | | 3801 Carson Ave | | County: | Weld | CO | Invoice \ | |
| City: | | Evans | | Job Type: | | | OCSG #: | |
| State: | | CO | Zip: | 80620 | Casing Sz & Wt: | | | |
| Ordered By: | | Eduardo Chavez | | Service Man | | | | |

| NO. | RENTALS/SALES | QTY | PRICE | DSC | TOTAL |
|------------------------------|--------------------------|-----|--------|-----|----------|
| 1 | Sale of 4-1/2 D & H CIBP | 1 | 700.00 | | \$700.00 |
| 2 | | | | | 0.00 |
| 3 | | | | | 0.00 |
| 4 | | | | | 0.00 |
| 5 | | | | | 0.00 |
| 6 | | | | | 0.00 |
| 7 | | | | | 0.00 |
| 8 | | | | | 0.00 |
| 9 | | | | | 0.00 |
| 10 | | | | | 0.00 |
| 11 | | | | | 0.00 |
| 12 | | | | | 0.00 |
| 13 | | | | | 0.00 |
| 14 | | | | | 0.00 |
| Subtotal Taxable Charges | | | | | \$700.00 |
| SERVICE MANS TIME | | | | | |
| | | | | | \$0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| Subtotal Non-Taxable Charges | | | | | \$0.00 |
| MILEAGE | | | | | |
| | | | | | \$0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| Subtotal Non-Taxable Charges | | | | | \$0.00 |
| Terms: Net 30 Days | | | | | |
| Total Service & Material: | | | | | \$700.00 |
| Tax: | | | | | \$20.30 |
| TOTAL CHARGES: | | | | | \$720.30 |

Authorized Agent: _____

Date: _____



PIPE TALLY

| | |
|-------------------|--|
| Operator: | Rig 354/Ensign |
| Lease: | Anderson 21-34 |
| Pipe Description: | 2 3/8 J-55 EUE |
| make up: | 80% burst: tensile: |
| Float: | |

| Jt # | ft*100 | Total ft | Jt # | ft*100 | Total ft | Jt # | ft*100 | Total ft | Jt # | ft*100 | Total ft | Jt # | ft*100 | Total ft |
|------|--------|----------|------|--------|----------|------|--------|----------|------|---------|---|------|--------|----------|
| 2 | 6540 | 65.40 | 122 | 6520 | 3906.41 | 242 | | 7377.89 | 181 | | Tbg was landed @ 7389.49' Set CIBP @ 7329' Land well @ 7069.13' KB w/ 220jnts S/N P/O bit sub 3 7/8 cone bit 220jnts - 7055.93' S/N - 1.20' P/O bit sub 3 7/8 cone bit - 2.00 KB - 10' | | | |
| 4 | 6448 | 129.88 | 124 | 6315 | 3969.56 | 244 | | 7377.89 | 182 | | | | | |
| 6 | 6263 | 192.51 | 126 | 6505 | 4034.61 | 246 | | 7377.89 | 183 | | | | | |
| 8 | 6267 | 255.18 | 128 | 6494 | 4099.55 | 248 | | 7377.89 | 184 | | | | | |
| 10 | 6369 | 318.87 | 130 | 6495 | 4164.50 | 250 | | 7377.89 | 185 | | | | | |
| 12 | 6388 | 382.75 | 132 | 6270 | 4227.20 | 252 | | 7377.89 | 186 | | | | | |
| 14 | 6532 | 448.07 | 134 | 6295 | 4290.15 | 254 | | 7377.89 | 187 | | | | | |
| 16 | 6495 | 513.02 | 136 | 6253 | 4352.68 | 256 | | 7377.89 | 188 | | | | | |
| 18 | 6462 | 577.64 | 138 | 6362 | 4416.30 | 258 | | 7377.89 | 189 | | | | | |
| 20 | 6358 | 641.22 | 140 | 6398 | 4480.28 | 260 | | 7377.89 | 190 | | | | | |
| 22 | 6297 | 704.19 | 142 | 6520 | 4545.48 | 262 | | 7377.89 | 191 | | | | | |
| 24 | 6372 | 767.91 | 144 | 6527 | 4610.75 | 264 | | 7377.89 | 192 | | | | | |
| 26 | 6291 | 830.82 | 146 | 6530 | 4676.05 | 266 | | 7377.89 | 193 | | | | | |
| 28 | 6530 | 896.12 | 148 | 6504 | 4741.09 | 268 | | 7377.89 | 194 | | | | | |
| 30 | 6291 | 959.03 | 150 | 6498 | 4806.07 | 270 | | 7377.89 | 195 | | | | | |
| 32 | 6332 | 1022.35 | 152 | 6575 | 4871.82 | 272 | | 7377.89 | 196 | | | | | |
| 34 | 6458 | 1086.93 | 154 | 6537 | 4937.19 | 274 | | 7377.89 | 197 | | | | | |
| 36 | 6395 | 1150.88 | 156 | 6440 | 5001.59 | 276 | | 7377.89 | 198 | | | | | |
| 38 | 6338 | 1214.26 | 158 | 6397 | 5065.56 | 278 | | 7377.89 | 199 | | | | | |
| 40 | 6440 | 1278.66 | 160 | 6420 | 5129.76 | 280 | | 7377.89 | 200 | 7377.89 | 259 | | | 7377.89 |
| 42 | 6435 | 1343.01 | 162 | 6372 | 5193.48 | 282 | | 7377.89 | 201 | 7377.89 | 260 | | | 7377.89 |
| 44 | 6228 | 1405.29 | 164 | 6358 | 5257.06 | 284 | | 7377.89 | 202 | 7377.89 | 261 | | | 7377.89 |
| 46 | 6459 | 1469.88 | 166 | 6462 | 5321.68 | 286 | | 7377.89 | 203 | 7377.89 | 262 | | | 7377.89 |
| 48 | 6350 | 1533.38 | 168 | 6469 | 5386.37 | 288 | | 7377.89 | 204 | 7377.89 | 263 | | | 7377.89 |
| 50 | 6421 | 1597.59 | 170 | 6499 | 5451.36 | 290 | | 7377.89 | 205 | 7377.89 | 264 | | | 7377.89 |
| 52 | 6392 | 1661.51 | 172 | 6131 | 5512.67 | 292 | | 7377.89 | 206 | 7377.89 | 265 | | | 7377.89 |
| 54 | 6528 | 1726.79 | 174 | 6533 | 5578.00 | 294 | | 7377.89 | 207 | 7377.89 | 266 | | | 7377.89 |
| 56 | 6202 | 1788.81 | 176 | 6171 | 5639.71 | 296 | | 7377.89 | 208 | 7377.89 | 267 | | | 7377.89 |
| 58 | 6419 | 1853.00 | 178 | 6405 | 5703.76 | 298 | | 7377.89 | 209 | 7377.89 | 268 | | | 7377.89 |
| 60 | 6615 | 1919.15 | 180 | 6395 | 5767.71 | 300 | | 7377.89 | 210 | 7377.89 | 269 | | | 7377.89 |
| 62 | 6540 | 1984.55 | 182 | 6391 | 5831.62 | | | 7377.89 | 211 | 7377.89 | 270 | | | 7377.89 |
| 64 | 6281 | 2047.36 | 184 | 6500 | 5896.62 | 1 | | 7377.89 | 212 | 7377.89 | 271 | | | 7377.89 |
| 66 | 6538 | 2112.74 | 186 | 6491 | 5961.53 | 2 | | 7377.89 | 213 | 7377.89 | 272 | | | 7377.89 |
| 68 | 6394 | 2176.68 | 188 | 6392 | 6025.45 | 3 | | 7377.89 | 214 | 7377.89 | 273 | | | 7377.89 |
| 70 | 6460 | 2241.28 | 190 | 6295 | 6088.40 | 4 | | 7377.89 | 215 | 7377.89 | 274 | | | 7377.89 |
| 72 | 6268 | 2303.96 | 192 | 6392 | 6152.32 | 5 | | 7377.89 | 216 | 7377.89 | 275 | | | 7377.89 |
| 74 | 6165 | 2365.61 | 194 | 6522 | 6217.54 | 6 | | 7377.89 | 217 | 7377.89 | 276 | | | 7377.89 |
| 76 | 6461 | 2430.22 | 196 | 6302 | 6280.56 | 7 | | 7377.89 | 218 | 7377.89 | 277 | | | 7377.89 |
| 78 | 6278 | 2493.00 | 198 | 6295 | 6343.51 | 8 | | 7377.89 | 219 | 7377.89 | 278 | | | 7377.89 |
| 80 | 6275 | 2555.75 | 200 | 6358 | 6407.09 | 9 | | 7377.89 | 220 | 7377.89 | 279 | | | 7377.89 |
| 82 | 6526 | 2621.01 | 202 | 6498 | 6472.07 | 10 | | 7377.89 | 221 | 7377.89 | 280 | | | 7377.89 |
| 84 | 6495 | 2685.96 | 204 | 6522 | 6537.29 | 11 | | 7377.89 | 222 | 7377.89 | 281 | | | 7377.89 |
| 86 | 6465 | 2750.61 | 206 | 6495 | 6602.24 | 12 | | 7377.89 | 223 | 7377.89 | 282 | | | 7377.89 |
| 88 | 6281 | 2813.42 | 208 | 6402 | 6666.26 | 13 | | 7377.89 | 224 | 7377.89 | 283 | | | 7377.89 |
| 90 | 6432 | 2877.74 | 210 | 6539 | 6731.65 | 14 | | 7377.89 | 225 | 7377.89 | 284 | | | 7377.89 |
| 92 | 6489 | 2942.63 | 212 | 6440 | 6796.05 | 15 | | 7377.89 | 226 | 7377.89 | 285 | | | 7377.89 |
| 94 | 6510 | 3007.73 | 214 | 6475 | 6860.80 | 16 | | 7377.89 | 227 | 7377.89 | 286 | | | 7377.89 |
| 96 | 6533 | 3073.06 | 216 | 6525 | 6926.05 | 17 | | 7377.89 | 228 | 7377.89 | 287 | | | 7377.89 |
| 98 | 6525 | 3138.31 | 218 | 6490 | 6990.95 | 18 | | 7377.89 | 229 | 7377.89 | 288 | | | 7377.89 |
| 100 | 6455 | 3202.86 | 220 | 6498 | 7055.93 | 19 | | 7377.89 | 230 | 7377.89 | 289 | | | 7377.89 |
| 102 | 6360 | 3266.46 | 222 | 6495 | 7120.88 | 20 | | 7377.89 | 231 | 7377.89 | 290 | | | 7377.89 |
| 104 | 6462 | 3331.08 | 224 | 6302 | 7183.90 | 21 | | 7377.89 | 232 | 7377.89 | 291 | | | 7377.89 |
| 106 | 6262 | 3393.70 | 226 | 6500 | 7248.90 | 22 | | 7377.89 | 233 | 7377.89 | 292 | | | 7377.89 |
| 108 | 6160 | 3455.30 | 228 | 6505 | 7313.95 | 23 | | 7377.89 | 234 | 7377.89 | 293 | | | 7377.89 |
| 110 | 6455 | 3519.85 | 230 | 6394 | 7377.89 | 24 | | 7377.89 | 235 | 7377.89 | 294 | | | 7377.89 |
| 112 | 6458 | 3584.43 | 232 | | 7377.89 | 25 | | 7377.89 | 236 | 7377.89 | 295 | | | 7377.89 |
| 114 | 6395 | 3648.38 | 234 | | 7377.89 | 26 | | 7377.89 | 237 | 7377.89 | 296 | | | 7377.89 |
| 116 | 6400 | 3712.38 | 236 | | 7377.89 | 27 | | 7377.89 | 238 | 7377.89 | 297 | | | 7377.89 |
| 118 | 6505 | 3777.43 | 238 | | 7377.89 | 28 | | 7377.89 | 239 | 7377.89 | 298 | | | 7377.89 |
| 120 | 6378 | 3841.21 | 240 | | 7377.89 | 29 | | 7377.89 | 240 | 7377.89 | 299 | | | 7377.89 |
| | | 3841.21 | | | 3536.68 | | | 0.00 | | | 0.00 | | | 0.00 |

50 JT INCREMENT TOTALS:

| | |
|---------|---------|
| 1-50 | 1597.59 |
| 50-100 | 1605.27 |
| 100-150 | 1603.21 |
| 150-200 | 1601.02 |

| | |
|---------|--------|
| 200-250 | 970.80 |
| 250-300 | 0.00 |

Pick Production Equip.
Sterling, CO 80751

Aaron Pickering
970-520-0279

PDC Energy
Anderson 21-34
Ews #354

Eduardo Chevez
Well Head Test

Interval:

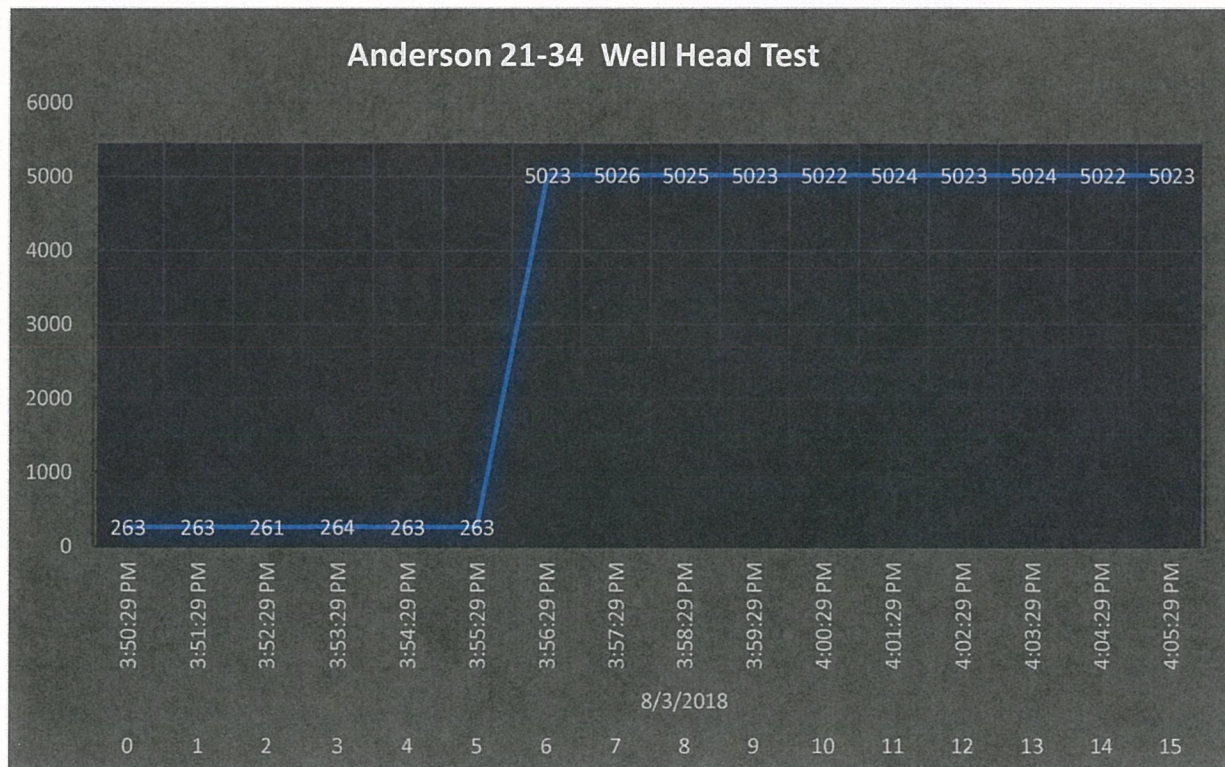
60 Seconds

DataPoint LogDate

LogTime

1-P PSI

| | | | |
|----|----------|------------|------|
| 0 | | 3:50:29 PM | 263 |
| 1 | | 3:51:29 PM | 263 |
| 2 | | 3:52:29 PM | 261 |
| 3 | | 3:53:29 PM | 264 |
| 4 | | 3:54:29 PM | 263 |
| 5 | | 3:55:29 PM | 263 |
| 6 | | 3:56:29 PM | 5023 |
| 7 | | 3:57:29 PM | 5026 |
| 8 | 8/3/2018 | 3:58:29 PM | 5025 |
| 9 | | 3:59:29 PM | 5023 |
| 10 | | 4:00:29 PM | 5022 |
| 11 | | 4:01:29 PM | 5024 |
| 12 | | 4:02:29 PM | 5023 |
| 13 | | 4:03:29 PM | 5024 |
| 14 | | 4:04:29 PM | 5022 |
| 15 | | 4:05:29 PM | 5023 |



[illegible]