

| | | | |
|---------------------|----------|-----------------|---------------|
| AFE # PA001082 | | PO: [REDACTED] | |
| LEASE NAME / NUMBER | | API WELL NUMBER | |
| State 5519 32-8 | | 05-123-20334 | |
| SECTION | TOWNSHIP | RANGE | COUNTY, STATE |
| | | | Weld, Co |
| WELL PERMIT NUMBER | | JOB TYPE | |
| | | Plug to Abandon | |

| | |
|----------------------------|------------------|
| TICKET | BCO-1904-0113 |
| DATE | 4/22/2019 |
| CREW INFORMATION | |
| SUPERVISOR | Francisco Flores |
| PUMP UNIT | 933157 |
| NUMBERS | |
| ARRIVAL (D&T) | 4/22/19 10:45 AM |
| DEPARTURE (D&T) | 4/22/19 4:30 PM |

[illegible][illegible]

Customer Name Printed _____

Customer Signature _____

Date Signed _____



Job Summary

Ticket Number
TN# **BCO-1904-0113**

Ticket Date
4/22/2019

| | | |
|----------------------------|-------------------------|------------------------|
| COUNTY | COMPANY | API Number |
| Weld | PDC ENERGY | 05-123-20334 |
| WELL NAME | RIG | JOB TYPE |
| State 5519 32-8 | Ranger 22 | Plug to Abandon |
| SURFACE WELL LOCATION | CJES Field Supervisor | CUSTOMER REP |
| 40.41531 -104.45878 | Francisco Flores | Eduardo Chavez |

| | | |
|-------------------------|----------------------|--|
| EMPLOYEES | | |
| <i>Kacey Laeger</i> | <i>Mike Arthur</i> | |
| <i>Sam Cheal</i> | <i>Justin Lacome</i> | |
| <i>Alex De la Garza</i> | | |

| | | | |
|---|------|--------------------------------------|-----|
| WELL PROFILE | | | |
| Max Treating Pressure (psi): | 1000 | Bottom Hole Static Temperature (°F): | |
| Bottom Hole Circulating Temperature (°F): | | Well Type: | Oil |

Open Hole

| | | | | | |
|---|-----------|---------------|-------------|---------------|-------------|
| 1 | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| | 10 | 1700 | 380 | | |
| 2 | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| | 14 | 1700 | 380 | | |

Casing/Tubing/Drill Pipe

| | | | | | | | |
|------------|-----------|----------------|-------|---------------|-------------|---------------|-------------|
| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| Surface | 8.625 | 24 | | 380 | 0 | | |
| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| Production | 4.5 | 11.6 | | 1700 | | | |
| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| Tubing | 2.375 | 4.7 | J55 | 1825 | 0 | | |

CEMENT DATA

| | | | | |
|---------------------|------------------|---------------|----------------|------------|
| Stage 1: | From Depth (ft): | 1825 | To Depth (ft): | 1098 |
| Type: Stub Plug | Volume (sacks): | 255 | Volume (bbls): | 60.4 |
| Cement & Additives: | | Density (ppg) | Yield (ft³/sk) | Water Req. |
| 100% CJ922 | | 14.8 | 1.33 | 6.32 |

| | | | | |
|---------------------|------------------|---------------|----------------|------------|
| Stage 2: | From Depth (ft): | 600 | To Depth (ft): | 0 |
| Type: Surface Plug | Volume (sacks): | 192 | Volume (bbls): | 45.5 |
| Cement & Additives: | | Density (ppg) | Yield (ft³/sk) | Water Req. |
| 100% CJ922 | | 14.8 | 1.33 | 6.32 |

| | | | | |
|---------------------|------------------|---------------|----------------|------------|
| Stage 3: | From Depth (ft): | | To Depth (ft): | |
| Type: | Volume (sacks): | | Volume (bbls): | |
| Cement & Additives: | | Density (ppg) | Yield (ft³/sk) | Water Req. |
| 100% CJ922 | | 14.8 | 1.33 | 6.32 |

| | | | | |
|---------------------|------------------|---------------|----------------|------------|
| Stage 4: | From Depth (ft): | | To Depth (ft): | |
| Type: | Volume (sacks): | | Volume (bbls): | |
| Cement & Additives: | | Density (ppg) | Yield (ft³/sk) | Water Req. |
| | | | | |

SUMMARY

| | | | | |
|-------------------------------------|------------------------|--------------------------------|----------------|----------------------|
| Preflushes: | 11 bbls of Fresh Water | Calculated Displacement (bbl): | Stage 1 4.2 | Stage 2 |
| | bbls of | Actual Displacement (bbl): | 4.2 | |
| | bbls of | | | |
| Total Preflush/Spacer Volume (bbl): | 11 | Plug Bump (Y/N): | N/A | Bump Pressure (psi): |
| Total Slurry Volume (bbl): | 105.9 | Lost Returns (Y/N): | N (if Y, when) | |
| Total Fluid Pumped | 121.1 | | | |
| Returns to Surface: | Cement 2 bbls | | | |

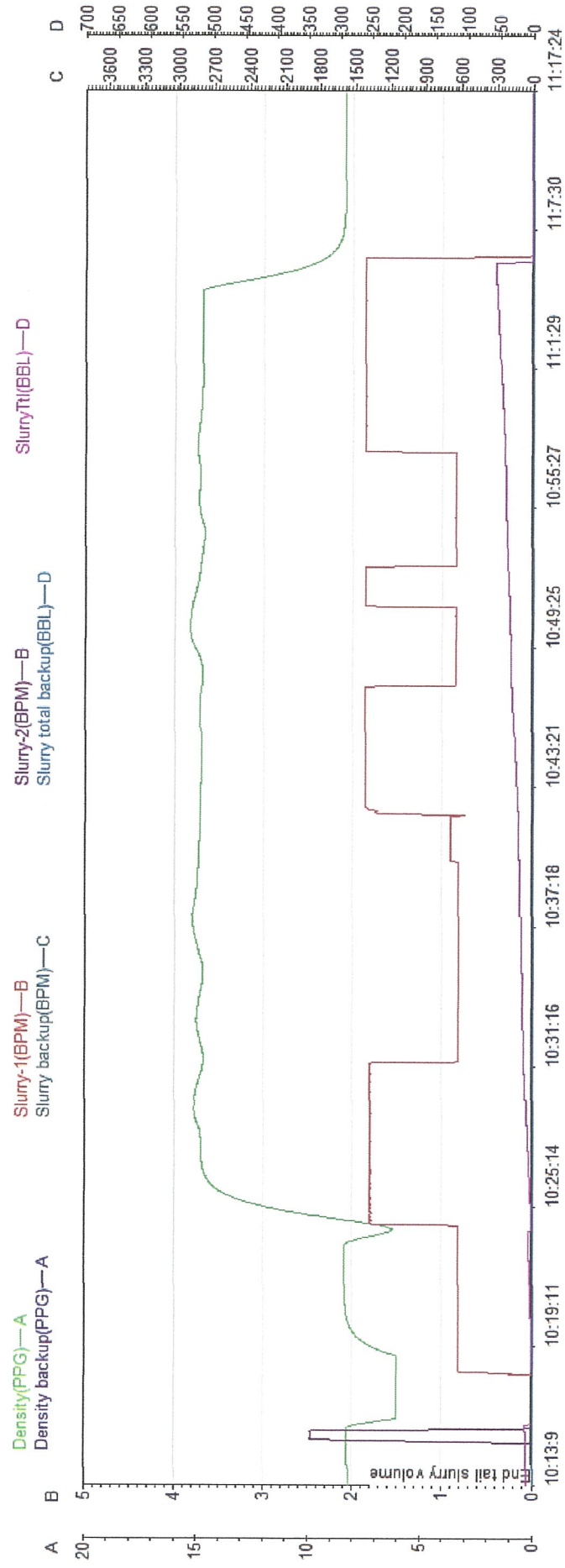
Job Notes (fluids pumped / procedures / tools / etc.):
Stub Plug- casing cut@1700'. End of tubing@1825'. Mix/pump 255sx@14.8ppg 1.33Y. ETOC@1098'. 2nd plug Surface plug Mix/pump 192sx@14.8ppg 1.33Y. Brought cement to surface. Pumped job per customers request. Job went good. Thank you! Did not charge standby time due to bulk trucks being late from previous location.

Thank You For Using

CJES O-TEX Cementing

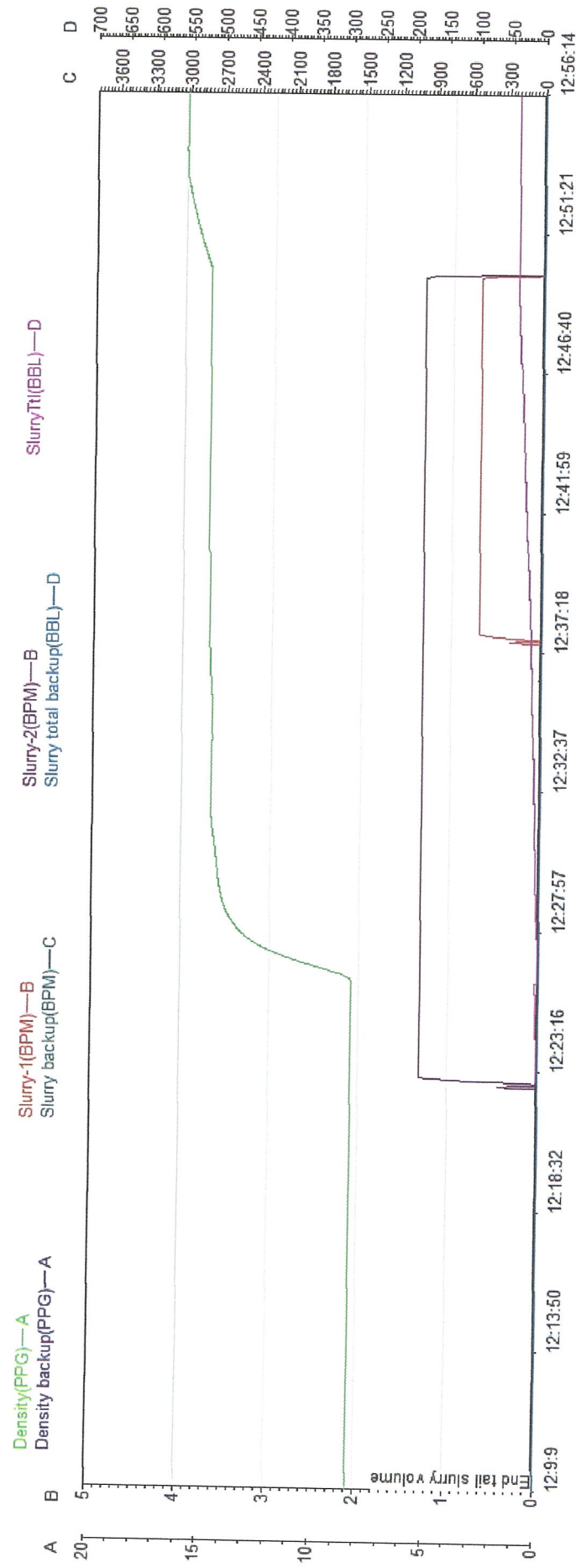
Customer Representative Signature:

Date: 4/22/19 Well Name: State 5519 32-8 Location: SWSE 8 5N 63W Country: USA Operator: Kacey Laeger Supervisor: Francisco Flores Type of Job: Stub Plug Contact Address:
Comment: 255sx@14.8ppg 1.33Y



Chart

Date: 4/22/19 Well Name: State 5519 32-8 Location: SWNE 8 5N 63W Country: USA Operator: Sam Cheal Supervisor: Francisco Flores Type of Job: Surface Plug Contact Address:
Comment:



Chart

RANGER ENERGY SERVICES, LLC

WIRELINE DIVISION

3333 Center Dr
Milliken, Co



Service Date:

| | | | | |
|--|-----------------------------|-------------------------|---------------------------|---|
| Company Name: PDC | | Company Address: | | Field Ticket Number: 10001225 |
| Well Name: STATE 5519 32-8 | Field: WATTENBERG | County: WELD | State: COLORADO | Rig Name & Number: RANGER #22 |
| SERVICE NOTES: CUT 4.5" CASING @ 1700' | | | Date: 4/19/2019 | Wireline Unit # 222 Engineer: A.REAGAN Operator: J.MICHEAL Operator: T.VANNEST |

| RUN | CODE | DESCRIPTIONS | QTY | UNIT PRICE | DISCOUNT | AMOUNT |
|-----|----------|--|------|------------|----------|--------|
| 1 | 1000-001 | Set Up Charge Cased Hole Unit | 1 | | | |
| | 3000-001 | Packoff Operation Charge0#-1000# | 1 | | | |
| | 2000-003 | API Type 6BX, 5,000 lb. WP 13-3/8" and smaller | 1 | | | |
| | | | | | | |
| 1 | 5000-011 | Jet Cutter Depth Charge | 1700 | | | |
| 1 | 5000-014 | Jet Cutter Operation Charge for Casing | 1 | | | |
| | | | | | | |
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|----------------------------|---|---|
| Customer Signature: | Customer Name Printed: EDUARDO CHAVEZ | Ranger Energy Services Representative Signature: |
|----------------------------|---|---|

The above estimated charges and data shown are subject to change by Ranger Energy Services, LLC. Payment terms are net 30 Days.

RANGER ENERGY SERVICES, LLC

WIRELINE DIVISION

3333 Center Dr
Milliken, Co



Service Date:

| | | | | |
|--|-----------------------------|-------------------------|---------------------------|---|
| Company Name: PDC | | Company Address: | | Field Ticket Number: 10001224 |
| Well Name: STATE 5519 32-8 | Field: WATTENBERG | County: WELD | State: COLORADO | Rig Name & Number: RANGER #22 |
| SERVICE NOTES: RIH WITH 3.63" GUAGE RING @ 6770' , SET STS CIBP @ 6752' W 2SX CEMENT, SET STS CIBP @ 6533' W 2SX CEMENT. | | | Date: 4/18/2019 | Wireline Unit # 222 Engineer: A.REAGAN Operator: T.VANNEST Operator: J.MICHEAL |

| RUN | CODE | DESCRIPTIONS | QTY | UNIT PRICE | DISCOUNT | AMOUNT |
|-----|----------|--|------|------------|----------|--------|
| 1 | 1000-001 | Set Up Charge Cased Hole Unit | 1 | | | |
| | 3000-001 | Packoff Operation Charge0#-1000# | 1 | | | |
| | 2000-003 | API Type 6BX, 5,000 lb. WP 13-3/8" and smaller | 1 | | | |
| 1 | 8000-009 | Junk Catcher / Gauge Ring Depth Charge | 6770 | | | |
| 1 | 8000-010 | Junk Catcher / Gauge Ring Operation Charge | 1 | | | |
| 2 | 8000-001 | Bridge Plug Depth Charge | 6752 | | | |
| 2 | 8000-002 | Bridge Plug Operation Charge | 1 | | | |
| 2 | 8000-015 | Setting Tool Rental, per tool | 1 | | | |
| 3 | 7000-006 | Dump Bailer Depth Charge | 6752 | | | |
| 3 | 7000-007 | Dump Bailer Operation Charge | 1 | | | |
| | 8000-001 | Bridge Plug Depth Charge | 6533 | | | |
| | 8000-002 | Bridge Plug Operation Charge | 1 | | | |
| | 8000-015 | Setting Tool Rental, per tool | 1 | | | |
| | 7000-006 | Dump Bailer Depth Charge | 6533 | | | |
| | 7000-007 | Dump Bailer Operation Charge | 1 | | | |
| | | | | | | |
| 7 | 8000-014 | Standard Set Power Charge | 2 | | | |

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|----------------------------|---|---|
| Customer Signature: | Customer Name Printed: EDUARDO CHAVEZ | Ranger Energy Services Representative Signature: |
|----------------------------|---|---|

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