

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

MAR 14 2018

| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | WELL API NO. 30-015-44535 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | | 5. RECEIVED of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator RKI Exploration & Production, LLC | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 3500 One Williams Center, MD 35, Tulsa, OK 74172 | | 7. Lease Name or Unit Agreement Name C 17 STATE |
| 4. Well Location Unit Letter <u>A</u> : <u>1194</u> feet from the <u>NORTH</u> line and <u>504 426</u> feet from the <u>EAST</u> line Section <u>17</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>Eddy</u> | | 8. Well Number <u>2H</u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3154 | | 9. OGRID Number <u>246289</u> |
| 10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS) | | |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| | | |
|--|--|---|
| NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/> | | SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input checked="" type="checkbox"/> COMMENCE COMPLETION OPS OTHER: <input type="checkbox"/> |
|--|--|---|

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PLEASE BE ADVISED RKI EXPLORATION AND PRODUCTION, LLC CONCLUDED DRILLING & CEMENTING 2ND INTERVAL CASING FOR THIS WELL. A SUMMARY OF THE DRILLING OPERATION IS AS FOLLOWS:

3/3/2018 2nd Intermediate:
 7" 29# P-110EC BTC: 0' – 9,250'
 Lead CMT: 482 sks @ 11 ppg, Tail: 187sks @ 114.4 ppg.

Bumped Plug @ 1500 psi, floats held. 60 bbls cmt to sfc.

3/4/2018 Prep to skid rig to the C 17 State 3H. Install Night Cap and Release Rig.

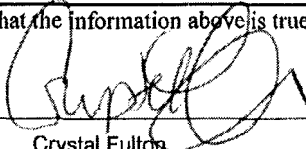
The binded Post Job Report is attached.

Spud Date: 1/7/2018

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE

Engineering Tech II

DATE

3/13/2018

Type or print name

Crystal Fulton

E-mail address:

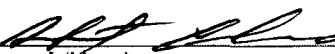
crystal.fulton@wpenergy.com

PHONE:

539-573-0218

For State Use Only

APPROVED BY:



TITLE

Staff

DATE

3-15-18

Conditions of Approval (if any):

FIELD TICKET

CORRECTED COPY

Client WPX ENERGY INC

Well C State 17-2H

Job Description Long String

Date March 03, 2018

Field Ticket # FT-04285-B6F0N50202-08517

BJ

Field Ticket # FT-04285-B6F0N50202-08517

Credit Approval #

Client WPX ENERGY INC

Purchase Approval #

521 S BOSTON, TULSA, 74121

Invoice #

Field Rep

Well

C State 17-2H

Field Client Rep Don McDaniel

Well API #

30-015-44535

District Hobbs, NM

Well Type

Job Type Long String

Well Classification

Job Depth (ft)

County

USA

Gas Used On Job No

State/Province

NM

Field

Lease

TRACKER 3/7 JP 3/7 FT 3/7
PROJECT # PAJ004490
SALES ORDER # SC0000008164
PICK&PACK 3/7 TO TB 3/7

SMV
BPV

To
WJ
✓



District: H0885
Supervisor: DON MCDANIEL
Engineer

Customer Name: WPX
Well Name: C STATE
Job Type: Long String

| Seq No. | Start Date/Time | Category | Event | Equipment | Event ID | Density (lb/gal) | Pump Rate (bpm) | Pump Vol (bbls) | Pipe Pressure (psi) | Comments |
|---------|-----------------|--------------|------------------------|-----------|----------|---------------------|--------------------|--------------------|------------------------|---|
| 1 | 3/3/2018 2:00 | Mobilization | Callout | | 48 | | | | | |
| 2 | 6:00:00 | Mobilization | Arrive on Location | | | | | | | Location time was 6:00 Texas time |
| 3 | 6:30 | StandBy | Other (See comment) | | | | | | | was informed displacing with obm. Called for a booster pump/also called for a battery and fuel for field bin. Battery was bad and would not start. Also no fuel |
| 4 | 6:30 | Operational | Rig Up | | 50 | | | | | Hazard assement/ spot equipment/ rig up meeting |
| 5 | 7:30 | Operational | Prime Up | | 52 | | | | | |
| 6 | 10:00 | Operational | Safety Meeting | | 53 | | | | | safety with rig crew/ still waiting on booster pump |
| 7 | 10:50 | Operational | Pressure Test | | 54 | 8.34 | 6 | 60 | 390 | pressure test to 9500 psi |
| 8 | 11:00 | Operational | Pump Spacer | | 55 | 8.34 | 5 | 270 | 460 | FW spacer/booster pump arrived at 11:15 |
| 9 | 11:10 | Operational | Pump Lead Cement | | 58 | 11 | 5 | 38 | 350 | 118 TPA3 |
| 10 | 12:01 | Operational | Pump Tail Cement | | 60 | 14.4 | 5 | | | 14.4# tail |
| 11 | 12:25 | Operational | Drop Top Plug | | 64 | 9 | 7 | 317 | 380 | shut down/ wash up / drop Wpx plug |
| 12 | 12:25 | Operational | Pump Displacement | | 65 | 8.34 | 3 | 135 | | OBM displacement |
| 13 | 13:00 | Operational | Spacer Back to Surface | | 66 | | | | | 60 BBLs FW BACK |
| 14 | 13:08 | Operational | Cement Back to Surface | | 67 | | | | | 60 BBLs BACK = 111 SKS |
| 15 | 13:17 | Operational | Land Plug | | 68 | 8.34 | 3 | 317 | 810 | bumped plug to 1580 |
| 16 | 13:22 | Operational | Check Floats | | | | | | | FLOATS HELD/ 2 BBLs BACK |
| 17 | 13:25 | Operational | End Pumping | | 73 | | | | | |
| 18 | 13:30 | Operational | Rig Down | | 74 | | | | | |
| 19 | 16:00 | Mobilization | Leave Location | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
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| 35 | | | | | | | | | | |
| 36 | | | | | | | | | | |
| 37 | | | | | | | | | | |

6.00 13.00 = 7 Hrs

Cementing Treatment



| | | | |
|--------------------|-------------------------------------|----------------|---------------|
| Start Date | 3/2/2018 | Well | C State 17-2H |
| End Date | 3/2/2018 | County | EDDY |
| Client | WPX ENERGY INC | State/Province | NM |
| Client Field Rep | | API | 30-015-44535 |
| Service Supervisor | | Formation | |
| Field Ticket No. | 7' 2nd Intermediate - C State 17-2H | Rig | Latshaw 11 |
| District | Hobbs, NM | Type of Job | Long String |

WELL GEOMETRY

| Type | ID (in) | OD (in) | Wt. (lb/ft) | MD (ft) | TVD (ft) | Excess(%) | Grade | Thread |
|-----------------|---------|---------|-------------|----------|----------|-----------|-------|--------|
| Previous Casing | 8.84 | 9.63 | 40.00 | 2,000.00 | 2,000.00 | 0.00 | J-55 | LTC |
| Open Hole | 8.75 | | | 9,437.00 | 9,027.00 | 25.00 | | |
| Open Hole | 8.75 | | | 8,387.00 | 8,387.00 | 44.00 | | |
| Casing | 6.18 | 7.00 | 29.00 | 9,222.00 | 9,205.00 | | P-110 | BTC |

Shoe Length (ft): 90

HARDWARE

| | | | |
|---------------------------|--------|--------------------------------------|-------------|
| Bottom Plug Used? | No | Tool Type | |
| Bottom Plug Provided By | | Tool Depth (ft) | |
| Bottom Plug Size | | Max Tubing Pressure - Rated (psi) | |
| Top Plug Used? | Yes | Max Tubing Pressure - Operated (psi) | |
| Top Plug Provided By | Non B) | Max Casing Pressure - Rated (psi) | 11,220.00 |
| Top Plug Size | 7.000 | Max Casing Pressure - Operated (psi) | 8,976.00 |
| Centralizers Used | No | Pipe Movement | |
| Centralizers Quantity | | Job Pumped Through | No Manifold |
| Centralizers Type | | Top Connection Thread | |
| Landing Collar Depth (ft) | 9,347 | Top Connection Size | 8RD |

CIRCULATION PRIOR TO JOB

Cementing Treatment



| | | | |
|--------------------------------------|-----|--------------------------------------|----|
| Well Circulated By | R-g | Solids Present at End of Circulation | No |
| Circulation Prior to Job | No | 10 sec SGS | |
| Circulation Time (min) | | 10 min SGS | |
| Circulation Rate (bpm) | | 30 min SGS | |
| Circulation Volume (bbls) | | Flare Prior to/during the Cement Job | No |
| Lost Circulation Prior to Cement Job | No | Gas Present | No |
| Mud Density In (ppg) | | Gas Units | |
| Mud Density Out (ppg) | | | |
| PV Mud In | | | |
| PV Mud Out | | | |
| YP Mud In | | | |
| YP Mud Out | | | |

TEMPERATURE

| | | |
|----------------------------|-------|--------------------------------|
| Ambient Temperature (°F) | 70.00 | Slurry Cement Temperature (°F) |
| Mix Water Temperature (°F) | 58.00 | Flow Line Temperature (°F) |

BJ FLUID DETAILS

| Fluid Type | Fluid Name | Density (ppg) | Yield (Cu Ft/sk) | H2O Req (gals/sk) | Planned Top of Fluid (ft) | Length (ft) | Vol (sk) | Vol (Cu Ft) | Vol (bbls) |
|----------------------------|--------------------------|---------------|------------------|-------------------|---------------------------|-------------|----------|-------------|------------|
| Spacer / Pre Flush / Flush | Fresh Water | 8.3400 | | | 0.00 | | | | 60.0000 |
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | 11.0000 | 3.0149 | 18.29 | 1,500.00 | 6,835.00 | 482 | 1,451.0000 | 270.0000 |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | 14.4000 | 1.2210 | 5.37 | 8,335.00 | 1,102.00 | 187 | 228.0000 | 38.0000 |
| Displacement Final | Cut Brine | 8.6000 | | | 0.00 | | | 0.0000 | 317.2000 |

| Fluid Type | Fluid Name | Component | Concentration | UOM |
|-------------|--------------------------|-------------------|---------------|-----|
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | CEMENT, PREMIUM H | 50.0000 | PCT |

Cementing Treatment

BJ

| | | | |
|-------------|--------------------------|---|---------------|
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | EXTENDER, BENTONITE | 10.0000 BWOB |
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | CEMENT, FLY ASH (POZZOLAN) | 50.0000 PCT |
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | IntegraSeal CELLO | 0.2500 LBS/SK |
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | IntegraSeal KOL | 2.5000 LBS/SK |
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | CEMENT EXTENDER, SODIUM METASILICATE, A-2 | 0.1000 BWOB |
| Lead Slurry | 50:50:10 Pozz:H:Gel Lead | RETARDER, R-21 | 0.3500 BWOB |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | CEMENT, FLY ASH (POZZOLAN) | 50.0000 PCT |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | FLUID LOSS, FL 52 | 0.4000 BWOB |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | CEMENT EXTENDER, SODIUM METASILICATE, A-2 | 0.2000 BWOB |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | CEMENT, PREMIUM H | 50.0000 PCT |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | RETARDER, R-21 | 0.3000 BWOB |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | DISPERSANT, CD-32 | 0.3000 BWOB |
| Tail Slurry | 50:50:2 Pozz:H:Gel Tail | EXTENDER, BENTONITE | 2.0000 BWOB |

TREATMENT SUMMARY

| Time | Fluid | Rate (bpm) | Fluid Vol. (bbls) | Pipe Pressure (psi) | Annulus Pressure (psi) | Comments |
|-------------------|--------------------------|------------|-------------------|---------------------|------------------------|----------|
| 3/3/2018 10:00 AM | Fresh Water | 6.00 | 60.00 | 390.00 | | |
| 3/3/2018 10:10 AM | 50:50:10 Pozz:H:Gel Lead | 6.00 | 270.00 | 460.00 | | |
| 3/3/2018 11:01 AM | 50:50:2 Pozz:H:Gel Tail | 5.00 | 38.00 | 350.00 | | |
| 3/3/2018 11:25 AM | Cut Brine | 7.00 | 317.20 | 379.00 | | |
| | | Min | | Max | | Avg |
| Pressure (psi) | | 350.00 | | 460.00 | | 394.75 |
| Rate (bpm) | | 5.00 | | 7.00 | | 6.00 |

DISPLACEMENT AND END OF JOB SUMMARY

Cementing Treatment



| | | | |
|---------------------------------------|--------|------------------------------------|--------|
| Displaced By | BJ | Amount of Cement Returned/Reversed | 60.00 |
| Calculated Displacement Volume (bbls) | 317.00 | Method Used to Verify Returns | Visual |
| Actual Displacement Volume (bbls) | 317.00 | Amount of Spacer to Surface | 60.00 |
| Did Float Hold? | Yes | Pressure Left on Casing (psi) | 0.00 |
| Bump Plug | Yes | Amount Bled Back After Job | 2.00 |
| Bump Plug Pressure (psi) | 810.00 | Total Volume Pumped (bbls) | 685.00 |
| Were Returns Planned at Surface | Yes | Top Out Cement Spotted | No |
| Cement returns During Job | Full | Lost Circulation During Cement Job | No |

CEMENT PLUG

| | | | |
|------------------------|----|-------------------|----|
| Bottom of Cement Plug? | No | Wiper Balls Used? | No |
| Wiper Ball Quantity | | Plug Catcher | No |
| Number of Plugs | | | |

SQUEEZE

| | |
|----------------------------------|---------------------|
| Injection Rate (bpm) | Fluid Density (ppg) |
| Injection Pressure (psi) | ISIP (psi) |
| Type of Squeeze | FSIP (psi) |
| Operator's Max SQ Pressure (psi) | |

COMMENTS

Treatment Report

Job Summary

Cementing Treatment

BJ

Call Sheet



| | | | |
|--------------------------|----------------|-------------|---------------|
| Service Line: | Cementing | Yard Call: | 3/3/2018 0200 |
| Job Code: | Long String | RTS Date: | 3/3/2018 0500 |
| # of Zone of Total Zone: | 1 of 1 | District: | Hobbs, NM |
| Client Name: | WPX ENERGY INC | Month Year: | 3/3/2018 |

| Well Information | |
|----------------------|---------------|
| API #: | 30-015-44535 |
| Well Name: | C State 17-2H |
| Formation: | |
| Rig Name: | Latshaw 11 |
| Rig Phone: | 281-436-6392 |
| Drilling Contractor: | H & P 373 |
| Country / Parish: | EODY |
| State: | NM |
| Latitude: | 32.30886 |
| Longitude: | -104.20504 |
| Township: | |
| Section: | |
| Range: | |

| Client Information | |
|----------------------|-------------|
| Client: | 20058445 |
| AFE/PO #: | |
| Client Rep On Loc: | |
| Phone #: | |
| Order Placed By: | |
| Phone #: | |
| Proposed Job Amount: | \$24,291.60 |

| Job Information | |
|-----------------|------------------|
| Job #: | 3586 |
| Proposal #: | QUO-07328-B3W7F7 |
| Order Taken By: | |
| Order Date: | 2/25/2018 |
| Salesman: | Steve Matlock |
| Tech Writer: | Juan Lacorte |
| Job Status: | Not Started |

Call Sheet



| Job Parameters | |
|------------------------|-------------|
| Hole Size: | 8.75 |
| Cement Depth: | 8,387.00 |
| Total Estd. Disp. Vol: | 347.20 |
| Water Resource: | |
| Hole Depth: | 8,387.00 |
| Mud Density: | 8.60 |
| Mud Type: | Brine Based |
| Est. BHCT: | 133.16 |

| Top Connection | | |
|----------------|------|--------|
| Size | Type | Thread |
| 7.00 | CSG | |

| Tubular Data | | | |
|-----------------|---------|---------|-----------|
| Type | OD (in) | ID (in) | MD (ft) |
| Previous Casing | 9.630 | 8.835 | 2,000.000 |
| Open Hole | | 8.750 | 9,437.000 |
| Open Hole | | 8.750 | 8,387.000 |
| Casing | 7.000 | 6.184 | 9,437.000 |

| Hardware | |
|----------|---------------------------|
| Qty | Description |
| 1 | PLUG, CEMENT 7.0 TOP BIPL |

COMMENTS

JOB INSTRUCTIONS

DIRECTIONS TO WELL

Call Sheet



DIRECTIONS TO WELL

FROM MALAGA, NM, TURN RIGHT ON BLACK RIVER VILLAGE ROAD, GO TO OLD CAVERN ROAD, TURN RIGHT AND GO 5.3 MILES, TURN RIGHT TO LOCATION.

MATERIALS

| Material | Description | QTY | Unit |
|----------|---|------------|------|
| L86714 | PLUG, CEMENT 7.0 TOP BJPL | 1.0000 | EA |
| L488724 | DISPERSANT, CD-32 | 48.0000 | LB |
| L488015 | FLUID LOSS, FL-52 | 63.0000 | LB |
| L100275 | CEMENT EXTENDER, SODIUM METASILICATE, A-2 | 72.0000 | LB |
| L100295 | IntegraSeal CELLO | 121.0000 | LB |
| L423582 | RETARDER, R-21 | 189.0000 | LB |
| L499794 | CEMENT, PREMIUM H | 335.0000 | SK |
| L100317 | CEMENT, FLY ASH (POZZOLAN) | 335.0000 | SK |
| L415082 | IntegraSeal KOL | 1,205.0000 | LB |
| L100120 | EXTENDER, BENTONITE | 4,363.0000 | LB |

ASSIGNMENT DETAILS

Employee

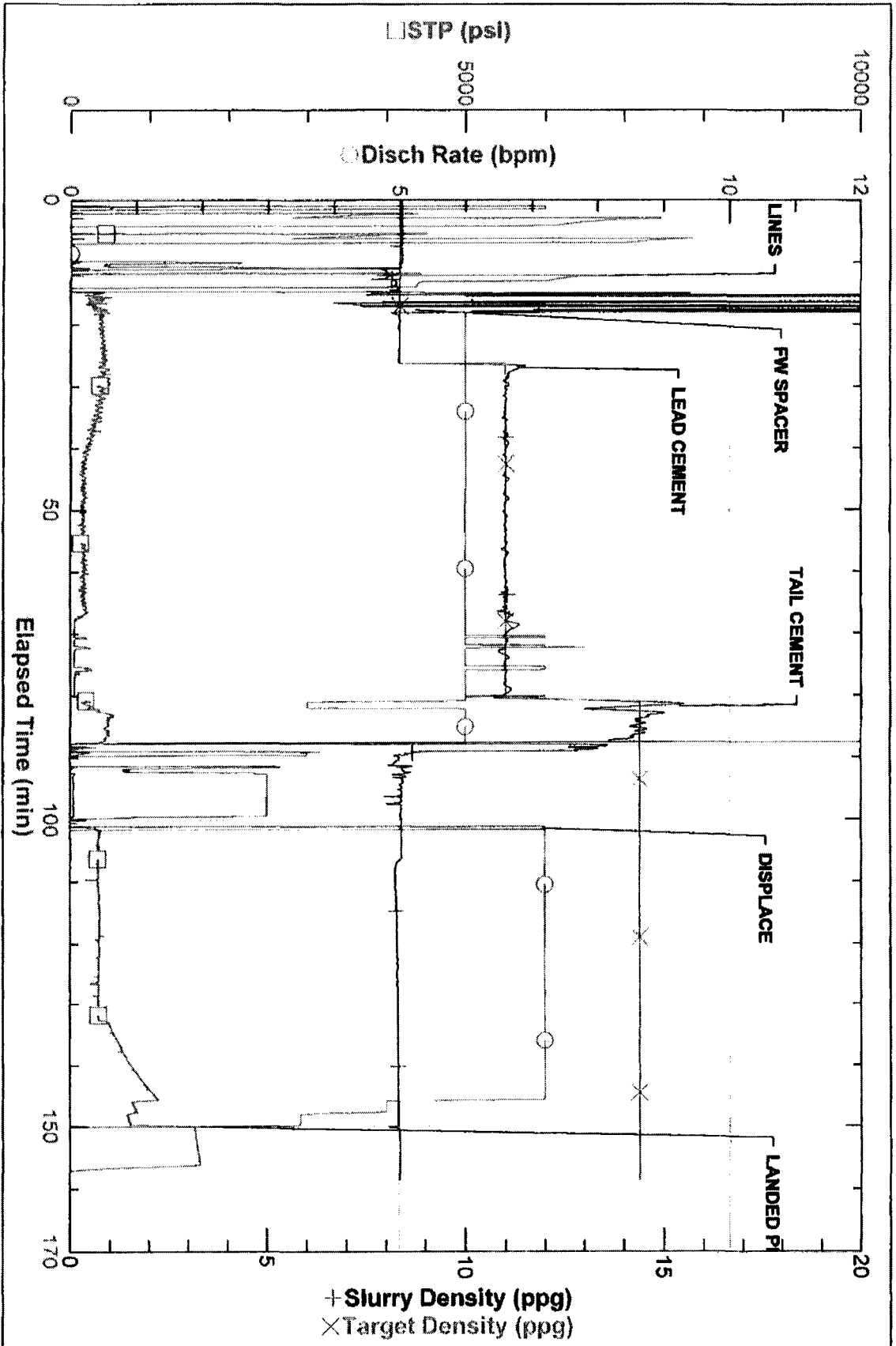
| Day Night | Person | Job Function | Yard Date | Comments |
|-----------|-------------------|---------------|-----------|--|
| Day | Don McDaniel | SUPERVISOR | 3/3/2018 | |
| Day | Armando Barron Jr | PUMP OPERATOR | 3/3/2018 | CPF-1113 |
| Day | Jackson Sodek | PUMP OPERATOR | 3/3/2018 | CPF-067 |
| Day | Miguel Orozco | BULK TRUCK | 3/3/2018 | CTF-099 177 SX TAIL(F) / 100 SX LEAD (R) |
| Day | | FIELD BIN | 3/3/2018 | CTF-074 / TIER 1 - 404 SX LEAD |

Equipment

| Day Night | Yard Date | Equipment | Equipment No | Comments |
|-----------|-----------|-----------|--------------|----------|
|-----------|-----------|-----------|--------------|----------|

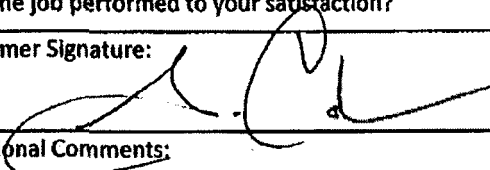
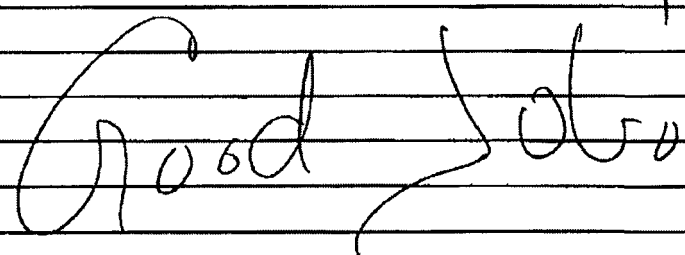


JobMaster Program Version 4.02C1
Job Number: WPX
Customer: C STATE
Well Name: C STATE





Customer: WPX
Date: Saturday, March 03, 2018
Well Name: C STATE
Well Location: EDDY
Supervisor: DON MCDANIEL
Equipment Operators: ARMANDO B.

| Performance | Customer | |
|---|--------------------------------------|--------------------------|
| Was the appearance of the personnel and equipment satisfactory? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Was the job performed in a professional manner? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Were the calculations prepared and explained properly? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Were the correct services dispatched to the job site? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Were the services performed as requested? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Did the job site environment remain unchanged? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Did the equipment perform in the manner expected? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Did the materials meet your expectations? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Was the crew prepared for the job? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Was the crew prompt in the rig-up and actual job? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Were reasonable recommendations given, as requested? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Did the crew perform safely? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Was the job performed to your satisfaction? | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Customer Signature:  | Date: 3/3/18 | |
| Additional Comments: | | |
|  | | |