

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

| | | |
|--|--|---|
| ¹ Operator name and Address CHEVRON U.S.A. INC. 6301 DEAUVILLE BLVD MIDLAND, TEXAS 79706 | | ² OGRID Number 4323 |
| | | ³ Reason for Filing Code/ Effective Date NEW WELL EFFECTIVE 02/17 |
| ⁴ API Number 30 - 025-43298 | ⁵ Pool Name WC-025-G-06 S263319P;BONE SPRING | ⁶ Pool Code 97955 |
| ⁷ Property Code 316331 | ⁸ Property Name SD WE 24 FED P23 | ⁹ Well Number 4H |

II. ¹⁰ Surface Location

| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. N | Section 24 | Township 26S | Range 32E | Lot Idn | Feet from the 260 | North/South Line SOUTH | Feet from the 1358 | East/West line WEST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

¹¹ Bottom Hole Location

| | | | | | | | | | |
|-----------------------------|---|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. C | Section 13 | Township 26S | Range 32E | Lot Idn | Feet from the 876 | North/South line NORTH | Feet from the 2245 | East/West line WEST | County LEA |
| ¹² Lse Code F | ¹³ Producing Method Code FLOWING | ¹⁴ Gas Connection Date 02/10/2017 | ¹⁵ C-129 Permit Number | ¹⁶ C-129 Effective Date | ¹⁷ C-129 Expiration Date | | | | |

III. Oil and Gas Transporters

| | | |
|------------------------------------|---|---------------------|
| ¹⁸ Transporter OGRID | ¹⁹ Transporter Name and Address | ²⁰ O/G/W |
| | | O |
| | ANADARKO | |
| | | G |
| | WESTERN REFINERY PIPELINE | |
| | | |
| | | |
| | | |
| | | |

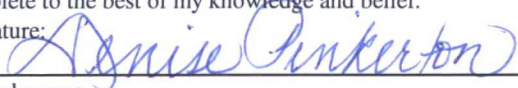
IV. Well Completion Data

| | | | | | |
|---------------------------------------|--|-----------------------------|------------------------------|--|-----------------------|
| ²¹ Spud Date 08/18/2016 | ²² Ready Date 01/16/2017 | ²³ TD 18,709' | ²⁴ PBTB 18,644 | ²⁵ Perforations 9457-18543 | ²⁶ DHC, MC |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 17 1/2 | 13 3/8 | 750 | 844 SX | | |
| 12 1/4 | 9 5/8 | 4605 | 1425 SX | | |
| 8 3/4 | 5 1/2 | 18694 | 2725 SX | | |
| | 2 7/8" @ 8588' | | | | |

V. Well Test Data

| | | | | | |
|--|---|---------------------------------------|---------------------------------|--------------------------------------|------------------------------------|
| ³¹ Date New Oil 02/10/2017 | ³² Gas Delivery Date 02/10/2017 | ³³ Test Date 03/07/2017 | ³⁴ Test Length 24 | ³⁵ Tbg. Pressure 1020 | ³⁶ Csg. Pressure 575 |
| ³⁷ Choke Size 26/64 | ³⁸ Oil 422 | ³⁹ Water 2428 | ⁴⁰ Gas 642 | ⁴¹ Test Method FLOWING | |

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
DENISE PINKERTON

Title:
PERMITTING SPECIALIST

E-mail Address:
leakejd@chevron.com

Date:
03/14/2017

Phone:
432-687-7375

OIL CONSERVATION DIVISION

Approved by:



Title:

Petroleum Engineer

Approval Date:

03/31/17

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

| | | |
|--|--|---|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NMNM118722 |
| 2. Name of Operator CHEVRON U.S.A. INC. | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706 | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3b. Phone No. (include area code) Ph: 432-687-7375 | | 8. Well Name and No. SD WE 24 FED P23 4H |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T26S R32E Mer NMP 260FSL 1358FWL | | 9. API Well No. 30-025-43298 |
| | | 10. Field and Pool or Exploratory Area BONE SPRING |
| | | 11. County or Parish, State LEA COUNTY, NM |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Production Start-up |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COMPLETION REPORT FOR NEW OIL PRODUCER:

12/10/2016: MIRU.

12/11/2016: Test production casing 9500 psi for 30 minutes.

5 minute ISIP: 1900 psi. Equalize well. Bled pressure down to 1000psi.

12/21/2016 through 01/16/2017 Perforate 9457 - 18,543' in 46 stages

Frac w/TOTAL PROPPANT: 12,913,600 lbs, TOTAL CLEAN VOLUME: 350,624 bbls,

TOTAL SLURRY VOLUME: 364,554 bbls.

*****SEE ATTACHED DETAILED REPORT FOR PERF & FRAC OPERATIONS*****

01/26/2017: TIH with GR/JB to KOP @ 8635'.

Set packer @ 8573'.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #369714 verified by the BLM Well Information System
For CHEVRON U.S.A. INC., sent to the Hobbs**

Name (Printed/Typed) DENISE PINKERTON

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 03/14/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-------------|--------------|
| Approved By _____ | Title _____ | Date _____ |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Office _____ |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #369714 that would not fit on the form

32. Additional remarks, continued

02/10/2017: First Production

02/13/2017: Set 2 7/8" tubing @ 8588'.

02/15/2017: RIG DOWN.

03/07/2017: On 24 hour OPT: FLOWING 422 oil, 642 gas, & 2428 water.

TOC - 5010
TBG PSI: 1020
CSG PSI: 575
CHOKE: 26/64

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBS OGD
MAR 20 2017
RECEIVED

| | | | | | |
|--|--|-------------------------------------|--|---|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 5. Lease Serial No. NMNM118722 | | |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resyr. Other _____ | | | 6. If Indian, Allottee or Tribe Name | | |
| 2. Name of Operator CHEVRON U.S.A. INC. | | | 7. Unit or CA Agreement Name and No. | | |
| Contact: DENISE PINKERTON E-Mail: leakejd@chevron.com | | | 8. Lease Name and Well No. SD WE 24 FED P23 4H | | |
| 3. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706 | | | 9. API Well No. 30-025-43298 | | |
| 3a. Phone No. (include area code) Ph: 432-687-7375 | | | 10. Field and Pool, or Exploratory BONE SPRING | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 260FSL 1358FWL Sec 24 T26S R32E Mer NMP At top prod interval reported below 876FNL 2245FWL Sec 13 T26S R32E Mer NMP At total depth 876FNL 2245FWL | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 24 T26S R32E Mer NMP | | |
| 14. Date Spudded 08/18/2016 | | 15. Date T.D. Reached 09/27/2016 | | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/16/2017 | |
| 18. Total Depth: MD 18709 TVD 9087 | | 19. Plug Back T.D.: MD 18644 TVD | | 20. Depth Bridge Plug Set: MD TVD | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA | | | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) | | |

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|---------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 J-55 | 54.5 | 0 | 704 | | 844 | | 0 | |
| 12.250 | 9.625 HCK-55 | 40.0 | 0 | 4605 | | 1425 | | 0 | |
| 8.750 | 5.500 HCP-110 | 20.0 | 0 | 18694 | | 2725 | | 5010 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 8588 | 8573 | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|------|-----------|--------------|
| A) BONE SPRING | 9457 | 18543 | 9457 TO 18543 | | | PRODUCING |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 9457 TO 18543 | FRAC W/TOTAL PROPPANT: 12,913,600 LBS, TOTAL CLEAN VOLUME: 350,624 BBLs, TOTAL SLURRY: 365,554 BBLs |
| | |
| | |
| | |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 02/10/2017 | 03/07/2017 | 24 | → | | | | | | FLOW FROM WELL |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| 26/64 | 1020 | 575.0 | → | 422 | 642 | 2428 | | POW | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #369835 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|------------------|------|--------|------------------------------|------------------|--------------------|
| CASTILLE | 2939 | 4659 | ANHYDRITE | CASTILLE | 2939 |
| LAMAR | 4660 | 4699 | LIMESTONE | LAMAR | 4660 |
| BELL CANYON | 4700 | 5738 | SANDSTONE | BELL CANYON | 4700 |
| CHERRY CANYON | 5739 | 7349 | SANDSTONE | CHERRY CANYON | 5739 |
| BRUSHY CANYON | 7350 | 8928 | SANDSTONE | BRUSHY CANYON | 7350 |
| BONE SPRING LIME | 8929 | 8995 | LIMESTONE | BONE SPRING LIME | 8929 |
| AVALON | 8996 | 18709 | SHALE | AVALON | 8996 |

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #369835 Verified by the BLM Well Information System.
For CHEVRON U.S.A. INC., sent to the Hobbs

Name (please print) DENISE PINKERTONTitle PERMITTING SPECIALISTSignature (Electronic Submission)Date 03/14/2017

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Stimulation Intervals

| UWI | Well Name | Start Date | Interval Number | Top (ftKB) | Btm (ftKB) | P Breakdown (psi) | Avg Treat Rate (bbl/min) | Avg Treat Pressure (psi) |
|------------|-------------------|------------|-----------------|------------|------------|-------------------|--------------------------|--------------------------|
| 3002543298 | SD WE 24 P23 004H | 12/21/2016 | 1 | 18,357.00 | 18,543.00 | 9,121.00 | 85.12 | 6,049.00 |
| 3002543298 | | 12/21/2016 | 2 | 18,157.00 | 18,319.00 | 6,144.00 | 84.75 | 6,694.00 |
| 3002543298 | | 12/22/2016 | 3 | 17,957.00 | 18,119.00 | 5,813.00 | 84.7 | 7,215.00 |
| 3002543298 | | 12/22/2016 | 4 | 17,757.00 | 17,919.00 | 6,017.00 | 84.3 | 6,662.00 |
| 3002543298 | | 12/23/2016 | 5 | 17,557.00 | 17,719.00 | 6,662.00 | 84.61 | 6,911.00 |
| 3002543298 | | 12/23/2016 | 6 | 17,357.00 | 17,519.00 | 6,517.00 | 84.85 | 6,941.00 |
| 3002543298 | | 12/24/2016 | 7 | 17,157.00 | 17,319.00 | 5,469.00 | 83.58 | 6,987.00 |
| 3002543298 | | 12/24/2016 | 8 | 16,957.00 | 17,119.00 | 7,073.00 | 84.35 | 6,664.00 |
| 3002543298 | | 12/25/2016 | 9 | 16,757.00 | 16,919.00 | 5,639.00 | 86.2 | 6,977.00 |
| 3002543298 | | 12/26/2016 | 10 | 16,557.00 | 16,719.00 | 6,994.00 | 82.39 | 6,807.00 |
| 3002543298 | | 12/26/2016 | 11 | 16,357.00 | 16,519.00 | 5,881.00 | 82.03 | 7,141.00 |
| 3002543298 | | 12/27/2016 | 12 | 16,157.00 | 16,319.00 | 8,411.00 | 79.53 | 7,020.00 |
| 3002543298 | | 12/27/2016 | 13 | 15,957.00 | 16,119.00 | 37.4 | 83.78 | 6,204.00 |
| 3002543298 | | 12/28/2016 | 14 | 15,757.00 | 15,919.00 | 5,697.00 | 84.4 | 6,812.00 |
| 3002543298 | | 12/29/2016 | 15 | 15,557.00 | 15,719.00 | 6,460.00 | 84.44 | 6,707.00 |
| 3002543298 | | 12/29/2016 | 16 | 15,357.00 | 15,519.00 | 6,198.00 | 85.4 | 6,921.00 |
| 3002543298 | | 12/30/2016 | 17 | 15,157.00 | 15,319.00 | 5,981.00 | 85.37 | 6,795.00 |
| 3002543298 | | 12/30/2016 | 18 | 14,957.00 | 15,119.00 | 5,534.00 | 85.3 | 6,708.00 |
| 3002543298 | | 12/31/2016 | 19 | 14,757.00 | 14,919.00 | 5,979.00 | 84.7 | 6,777.00 |
| 3002543298 | | 1/1/2017 | 20 | 14,557.00 | 14,719.00 | 6,461.00 | 85.9 | 6,900.00 |
| 3002543298 | | 1/1/2017 | 21 | 14,357.00 | 14,519.00 | 6,994.00 | 78.43 | 6,498.00 |
| 3002543298 | | 1/2/2017 | 22 | 14,157.00 | 14,319.00 | 5,434.00 | 84.31 | 6,808.00 |
| 3002543298 | | 1/3/2017 | 23 | 13,957.00 | 14,119.00 | 5,357.00 | 87.2 | 6,869.00 |
| 3002543298 | | 1/3/2017 | 24 | 13,757.00 | 13,919.00 | 5,731.00 | 81.21 | 6,335.00 |
| 3002543298 | | 1/4/2017 | 25 | 13,557.00 | 13,719.00 | 5,599.00 | 85.1 | 6,648.00 |
| 3002543298 | | 1/4/2017 | 26 | 13,357.00 | 13,519.00 | 5,378.00 | 80.23 | 5,924.00 |
| 3002543298 | | 1/5/2017 | 27 | 13,157.00 | 13,319.00 | 5,732.00 | 80.52 | 5,988.00 |
| 3002543298 | | 1/5/2017 | 28 | 12,957.00 | 13,119.00 | 5,575.00 | 85.4 | 7,020.00 |
| 3002543298 | | 1/6/2017 | 29 | 12,757.00 | 12,919.00 | 4,683.00 | 84.9 | 6,724.00 |
| 3002543298 | | 1/7/2017 | 30 | 12,557.00 | 12,719.00 | 5,791.00 | 84.2 | 7,017.00 |
| 3002543298 | | 1/8/2017 | 31 | 12,357.00 | 12,519.00 | 6,668.00 | 84.4 | 6,986.00 |
| 3002543298 | | 1/8/2017 | 32 | 12,157.00 | 12,319.00 | 5,571.00 | 89.84 | 6,295.00 |

| Max Treat Rate (bbl/min) | Max Treat Pressure (psi) | Post-Treat ISIP (psi) | Total Clean Volume (bbl) | Total Slurry Vol (bbl) | Proppant In Formation (lb) |
|--------------------------|--------------------------|-----------------------|--------------------------|------------------------|----------------------------|
| 86.9 | 9,122.00 | 1,751.00 | 7,883.38 | 8,185.42 | 279,980.00 |
| 85.56 | 8,522.00 | 2,131.00 | 7,720.21 | 8,022.83 | 280,559.00 |
| 86.76 | 9,031.00 | 2,120.00 | 7,782.00 | 8,083.51 | 279,509.00 |
| 85.66 | 7,944.00 | 2,121.00 | 7,784.81 | 8,087.46 | 280,606.00 |
| 85.83 | 8,440.00 | 2,361.00 | 7,735.76 | 8,038.82 | 280,941.00 |
| 85.8 | 8,962.00 | 2,397.00 | 7,673.14 | 7,975.72 | 280,507.00 |
| 85.83 | 8,881.00 | 2,841.00 | 7,697.98 | 7,998.54 | 278,609.00 |
| 85.67 | 9,131.00 | 2,373.00 | 7,695.05 | 7,997.33 | 280,197.00 |
| 91.48 | 8,916.00 | 2,757.00 | 7,736.17 | 8,041.70 | 283,246.00 |
| 85.15 | 8,210.00 | 2,326.00 | 7,651.88 | 7,954.51 | 280,543.00 |
| 84.95 | 8,988.00 | 2,360.00 | 8,052.02 | 8,354.33 | 280,237.00 |
| 87.68 | 8,930.00 | 2,765.00 | 7,956.05 | 8,258.51 | 280,493.00 |
| 86.9 | 8,569.00 | 2,669.00 | 7,827.64 | 8,129.93 | 280,211.00 |
| 85 | 8,037.00 | 2,553.00 | 7,707.93 | 8,009.31 | 279,379.00 |
| 85.44 | 8,116.00 | 2,679.00 | 7,631.93 | 7,936.17 | 282,094.00 |
| 85.9 | 8,373.00 | 2,473.00 | 7,692.52 | 7,995.21 | 280,627.00 |
| 85.79 | 8,228.00 | 2,654.00 | 7,678.24 | 7,984.13 | 283,578.00 |
| 85.9 | 7,884.00 | 2,460.00 | 7,619.19 | 7,921.21 | 279,981.00 |
| 85.4 | 8,243.00 | 2,583.00 | 7,713.21 | 8,014.74 | 279,535.00 |
| 86.5 | 8,330.00 | 2,614.00 | 7,710.33 | 8,012.74 | 280,401.00 |
| 80.79 | 8,583.00 | 2,611.00 | 7,599.40 | 7,902.87 | 281,377.00 |
| 85.65 | 8,649.00 | 2,677.00 | 7,662.31 | 7,967.17 | 282,686.00 |
| 89.1 | 8,048.00 | 2,321.00 | 7,574.90 | 7,876.49 | 279,659.00 |
| 85.29 | 8,477.00 | 2,782.00 | 7,649.38 | 7,954.08 | 282,477.00 |
| 86 | 8,613.00 | 2,335.00 | 7,543.07 | 7,846.58 | 281,340.00 |
| 80.6 | 8,733.00 | 2,549.00 | 7,542.60 | 7,847.07 | 282,260.00 |
| 84.66 | 8,960.00 | 2,469.00 | 7,728.38 | 8,032.41 | 281,820.00 |
| 86 | 8,929.00 | 2,446.00 | 7,639.36 | 7,942.38 | 280,909.00 |
| 85.9 | 8,272.00 | 2,524.00 | 7,527.60 | 7,830.45 | 280,742.00 |
| 85.5 | 8,199.00 | 2,696.00 | 7,523.55 | 7,825.82 | 280,215.00 |
| 85.6 | 8,722.00 | 2,498.00 | 7,452.17 | 7,754.79 | 280,507.00 |
| 90.78 | 8,297.00 | 2,400.00 | 7,645.14 | 7,951.50 | 283,987.00 |

| | | | | | | | |
|------------|-----------|----|-----------|-----------|----------|-------|----------|
| 3002543298 | 1/9/2017 | 33 | 11,957.00 | 12,119.00 | 5,715.00 | 84.3 | 6,445.00 |
| 3002543298 | 1/9/2017 | 34 | 11,757.00 | 11,919.00 | 5,074.00 | 85.47 | 6,328.00 |
| 3002543298 | 1/10/2017 | 35 | 11,557.00 | 11,719.00 | 5,441.00 | 85.2 | 6,382.00 |
| 3002543298 | 1/10/2017 | 36 | 11,357.00 | 11,519.00 | 4,849.00 | 85.25 | 6,131.00 |
| 3002543298 | 1/11/2017 | 37 | 11,157.00 | 11,319.00 | 4,429.00 | 85.9 | 6,066.00 |
| 3002543298 | 1/11/2017 | 38 | 10,957.00 | 11,119.00 | 5,028.00 | 85.28 | 6,111.00 |
| 3002543298 | 1/12/2017 | 39 | 10,757.00 | 10,919.00 | 6,048.00 | 88 | 6,689.00 |
| 3002543298 | 1/12/2017 | 40 | 10,557.00 | 10,719.00 | 4,831.00 | 85.2 | 5,940.00 |
| 3002543298 | 1/13/2017 | 41 | 10,357.00 | 10,519.00 | 5,685.00 | 85.47 | 5,891.00 |
| 3002543298 | 1/14/2017 | 42 | 10,157.00 | 10,319.00 | 6,819.00 | 89.5 | 6,300.00 |
| 3002543298 | 1/14/2017 | 43 | 9,957.00 | 10,119.00 | 5,717.00 | 85.19 | 6,077.00 |
| 3002543298 | 1/15/2017 | 44 | 9,757.00 | 9,919.00 | 5,350.00 | 89.59 | 5,701.00 |
| 3002543298 | 1/15/2017 | 45 | 9,557.00 | 9,719.00 | 5,406.00 | 89.6 | 6,360.00 |
| 3002543298 | 1/16/2017 | 46 | 9,357.00 | 9,519.00 | 5,486.00 | 89.09 | 6,352.00 |

9,457

| | | | | | |
|-------|----------|----------|------------|------------|---------------|
| 85.2 | 8,991.00 | 2,487.00 | 7,516.52 | 7,819.44 | 280,834.00 |
| 86.22 | 8,698.00 | 2,394.00 | 7,563.67 | 7,867.20 | 281,421.00 |
| 86.1 | 8,948.00 | 2,498.00 | 7,413.17 | 7,715.46 | 280,210.00 |
| 85.95 | 8,446.00 | 2,397.00 | 7,618.43 | 7,920.24 | 279,772.00 |
| 86.6 | 8,920.00 | 2,505.00 | 7,383.19 | 7,683.19 | 278,072.00 |
| 85.64 | 8,899.00 | 2,419.00 | 7,452.98 | 7,756.10 | 280,990.00 |
| 88.7 | 8,663.00 | 2,412.00 | 7,425.19 | 7,727.62 | 280,324.00 |
| 86.49 | 8,952.00 | 2,587.00 | 7,409.64 | 7,712.21 | 280,453.00 |
| 85.9 | 8,335.00 | 2,430.00 | 7,664.67 | 7,967.55 | 280,762.00 |
| 90.4 | 7,753.00 | 2,415.00 | 7,378.57 | 7,681.65 | 280,954.00 |
| 85.8 | 7,995.00 | 2,717.00 | 7,456.67 | 7,759.24 | 280,473.00 |
| 89.84 | 9,051.00 | 2,734.00 | 7,471.62 | 7,773.83 | 280,134.00 |
| 90.4 | 8,850.00 | 2,441.00 | 7,410.72 | 7,712.16 | 279,418.00 |
| 89.62 | 8,594.00 | 2,558.00 | 7,421.57 | 7,724.25 | 280,571.00 |
| | | | 350,623.91 | 364,553.87 | 12,913,600.00 |