

**HOBBS OCD**  
OCT 09 2016  
RECEIVEDUNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**NMOCD**  
**Hobbs**FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDY 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 reverse side.**

|                                                                                                                                  |                                                       |                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |                                                       | 5. Lease Serial No.<br>NMNM27506                                   |
| 2. Name of Operator<br>CHEVRON USA INCORPORATED                                                                                  |                                                       | 6. If Indian, Allottee or Tribe Name                               |
| Contact: DENISE PINKERTON<br>E-Mail: leakejd@chevron.com                                                                         |                                                       | 7. If Unit or CA/Agreement, Name and/or No.                        |
| 3a. Address<br>15 SMITH ROAD<br>MIDLAND, TX 79705                                                                                | 3b. Phone No. (include area code)<br>Ph: 432-687-7375 | 8. Well Name and No.<br>SD EA 19 FEDERAL P6 7H                     |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 19 T26S R33E NWNE 188FNL 1716FEL                   |                                                       | 9. API Well No.<br>30-025-42799-00-X1                              |
|                                                                                                                                  |                                                       | 10. Field and Pool, or Exploratory<br>WC025G06S263319P-BONE SPRING |
|                                                                                                                                  |                                                       | 11. County or Parish, and State<br>LEA COUNTY, NM                  |

**12. CHECK 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"/> Fracture Treat   | <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 recomple 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 DRILL:**

04/20/2016: MIRU.

04/22/2016: TIH W/OD GR/JB TO 9420. TIH W/CBL FR 9489 TO SURFACE W/0PSI ON WELL. TOC @ 4325'.

04/24/2016: PRESS TEST 750PSI LOW/9800PSI HIGH, 15 MINS. GOOD. TEST CSG TO 9500PSI. GOOD. ESTAB  
INJECTION RATE: TOTAL BBLS PUMPED 65 BBLS. SIP: 1800PSI.

05/07/2016: THROUGH 05/15/2016: PERF STAGES 1 THROUGH 14: 9710-13,647'.

FRAC W/TOTAL SAND (100 MESH &amp; 40/70) = 5,621,785 LBS.

\*\*\*DETAILED PERF &amp; FRAC REPORT ATTACHED\*\*\*

06/10/2016: SET 2 7/8: TBG @ 8668'. PKR SET @ 8646.

|                                                                                                                                                                                                                                                                                                        |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #353027 verified by the BLM Well Information System</b><br><b>For CHEVRON USA INCORPORATED, sent to the Hobbs</b><br><b>Committed to AFMSS for processing by JENNIFER SANCHEZ on 09/29/2016 (16JAS0533SE)</b> |                             |
| Name (Printed/Typed) DENISE PINKERTON                                                                                                                                                                                                                                                                  | Title REGULATORY SPECIALIST |
| Signature (Electronic Submission)                                                                                                                                                                                                                                                                      | Date 09/29/2016             |
| <b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>                                                                                                                                                                                                                                                      |                             |
| Approved By _____                                                                                                                                                                                                                                                                                      | Title _____                 |
| 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.             |                             |

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #353027 that would not fit on the form**

**32. Additional remarks, continued**

06/13/2016: RELEASE RIG.

07/21/2016: ON 24 HR OPT. FLOWING 604 OIL, 1470 GAS, & 333 WATER. GOR-2434.

TBG - 825PSI ON 39/654" CHOKE



**SD EA 19 FED P6 #007H**

**PERF & FRAC INFORMATION**

**STAGE 1: 13645, 13585, 13525, 13465, 13420**

6 spf, .41 dia hole. Total bbls pmpd: 295 bbls, Max Pressure: 5920 psi

**PUMP STAGE 1:**

Sand in formation: 419,808 lbs 99%      Equalize/open well @ 1220 psi.      Avg Rate 84.4 bpm.  
Avg press: 5589 psi.      Max Rate: 86.7 bpm      Max Press: 8282 psi. ISIP: 1909 psi  
Pump Time 116 mins      Total clean fluid 8547 bbls      Total slurry volume 8996 bbls  
Sand pumped: Sand 100 - 33,234 lbs      Sand 40/70 - 382,928 lbs      TOTAL: 416,162 lbs

**STAGE 2: 13345, 13220, 13185, 13125, 13085**

6 jspf, .41 dia hole. Total bbls pmpd: 259 bbls, max pressure 2015 psi

**PUMP STAGE 2:**

Sand in formation 470,016 lbs: 100%  
Equalize/open well @ 1265 psi.      Avg Rate: 86.9 bpm      Avg Pressure 5618 psi  
Max rate: 87.2 bpm      Max Pressure 8634 psi      ISIP 1927 psi  
Pump Time: 124 mins.      Total clean fluid: 10,232 bbls      Total Slurry volume: 10,739 bbls  
Sand pumped: Sand 100 - 32,675 lbs,      Sand 40/70: 437,867 lbs      TOTAL: 470,542 lbs

**STAGE 3: 13060, 13035, 12975, 12915, 12850, 12810**

6 jspf, .41 dia hole. Total bbls pmpd: 227 bbls. Max pressure: 2410 psi

**PUMP STAGE 3**

Sand in formation: 369,967 lbs, 100%  
Equalize/open well @ 1308 psi.      Ave Rate: 85.7 bpm      Ave Pressure: 5477 psi  
Max Rate: 90.7 bpm,      Max Pressure: 7896 psi.      ISIP: 2033 psi.  
Pump Time: 113 mins.      Total clean fluid: 8132 bbls.      Total slurry volume: 8530 bbls  
Sand Pumped: Sand 100 - 24,365 lbs,      Sand 40/70: 345,175 lbs.      TOTAL: 369,540 lbs

**STAGE 4: 12765, 12730, 12660, 12578, 12525**

6 JSPF, .41 dia hole. Max press of 2493 psi w/253 bbls pumped.

**PUMP STAGE 4:**

Sand in formation 419,808 lbs, 100%  
Equalize/open well @ 1557 psi.      Avg Rate: 90.2 bpm,      Avg Pressure: 6330 psi.  
Max Rate: 91.5 bpm,      Max Pressure: 8436 psi.      ISIP: 2013 psi.  
Pump Time: 113 mins.      Total clean fluid: 8886 bbls,      Total slurry volume: 9338 bbls  
Sand pumped: Sand 100: 31,261 lbs,      Sand 40/70 388,567 lbs,      TOTAL: 4129,828 lbs

**STAGE 5: 12475, 12400, 12350, 12302, 12260**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. . Max pressure of 2191 psi w/290 bbls pumped.

**PUMP STAGE 5:**

Sand in formation: 419,808 lbs, 100%,  
Equalize/open well @ 1151 psi.      Ave Rate: 89.8 bpm,      Avg pressure: 5286 psi  
Max Rate: 90.6 bpm,      Max Pressure: 8460 psi.      ISIP: 1863 psi.  
Pump Time: 120 mins.      Total clean fluid: 8948 bbls,      Total Slurry volume: 9399 bbls  
Sand pumped: Sand 100: 32,654 lbs,      Sand 40/70: 386,893 lbs      TOTAL: 419,547 lbs

**STAGE 6: 12157, 12122, 12087, 12026, 11943**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max Pressure of 2030 psi w/201 bbls pumped.

**PUMP STAGE 6:**

Sand in formation: 419,808 lbs, 100%. Equalize/open well @ 1178 psi. Ave Rate:89.0 bpm, Ave Pressure: 6053 psi.

Max rate:90.9 bpm, Max Pressure: 8027 psi. ISIP: 2016 psi.

Pump time:118 mins. Total clean fluid:8982 bbls, Total Slurry volume:9435 bbls

Sand pumped: sand 100: 32,343 lbs, sand 40/70:387,995 lbs. TOTAL: 420,338 lbs

**STAGE 7: 11880, 11820, 11795, 11760, 11735**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. . Max pressure of 2758 psi w/ 201 bbls pumped.

**PUMP STAGE 7:**

Sand in formation:299,975 lbs,100 %, Equalize/open hole @1058 psi. Ave rate: 85.7 bpm, Ave Pressure:5541 psi

Max rate: 86.5 bpm, Max Pressure:8129 psi. ISIP:2191 psi.

Pump time: 118 mins. Total clean fluid: 6755 bbls, Total slurry volume: 7079 bbls.

Sand Pumped: Sand 100:21,085 lbs, Sand 40/70:279,894 lbs, TOTAL: 300,979 lbs

**STAGE 8: 11675, 11642, 11560, 11520, 11490**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max pressure of 3579 psi w/198 bbls pumped.

**PUMP STAGE 8:**

Sand in formation: 369,967 lbs, 100%, Equalize/open hole @ 1411 psi. Ave Rate:90.0 bpm, Ave pressure: 5609 psi

Max Rate: 90.0 bpm, Max pressure: 8167 psi. ISIP: 2163 psi.

Pump time: 118 mins. Total clean fluid: 8021 bbls, Total slurry volume: 8421 bbls

Sand pumped:23,587 Sand lbs, Sand 40/70:347,370 lbs. TOTAL: 370,957 lbs

**STAGE 9: 11425, 11375, 11305, 11225, 11175**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max pressure of 2542 psi w/ 146 bbls pumped.

**PUMP STAGE 9:**

Sand in Formation: 470,016 lbs, 100% Equalize/open well @1359 psi. Ave Rate:85.0 bpm, Ave Pressure:5245 psi.

Max rate: 86.0 bpm, Max pressure: 8257 psi. ISIP: 2499 psi.

Pump time:118 mins. Total Clean fluid: 9930 bbls, Total slurry volume:10,437 bbls

Sand pumped: Sand 100: 33,100 lbs, Sand 40/70: 437,494 lbs. TOTAL:470,594 lbs

**STAGE 10: 11100, 11050, 11005, 10975, 10950**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max press of 2136 psi w/168 bbls pumped.

**PUMP STAGE 10:**

Sand in formation: 299,975 lbs, 100%

Equalize/open well @ 1469 psi. Ave Rate: 85.3 bpm, Ave Pressure: 5401 psi.

Max Rate: 86.2 bpm, Max pressure:8222 psi. ISIP: 2212 psi.

Pump time: 118 mins. Total clean fluid: 6744 bbls, Total slurry volume:7068 bbls

Sand pumped: Sand 100: 19,995 lbs, Sand 40/70 281,010 lbs. TOTAL: 301,005



**STAGE 11: 10860, 10830, 10750, 10725, 10690**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max Press psi w/142 bbls pumped.

**PUMP STAGE 11:3503**

Sand in formation:419,808 lbs, 100%,

Equalize/open well @ 1553 psi. Ave Rate:89.0 bpm 2404psi.

Pump time: 118 mins. Total clean fluid:8924 bbls, total slurry volume 9378 bbls.

Sand pumped: Sand 100: 32,575 lbs, Sand 40/70 389,444, TOTAL:422,019 lbs

**STAGE 12: 10600, 10570, 10510, 10480, 10435**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max Pressure of 4437 psi w/118 bbls pmped.

**PUMP STAGE 12:**

Sand in formation: 299,975 lbs, 100% Equalize/open well @1385 psi. Ave Rate: 85.1 bpm,  
Ave pressure:5544 psi

Max rate: 85.5 bpm, Max pressure: 7780 psi, ISIP:2120 psi.

Pump time: mins, Total clean fluid:6697 bbls, Total slurry volume:7021 bbls.

Sand pumped: Sand 100:19,982 lbs, Sand 40/70: 280,352 lbs, TOTAL:300,334 lbs.

**STAGE 13: 10346, 109, 10220, 1010, 10085**

6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max pressure of 2757psi w/110 bbls pumped.

**PUMP STAGE 13:**

Sand in formation: 470,016 lbs, 100%,

Equalize/open well @2111 psi. Ave Rate:90.0 bpm, Ave Pressure: 5286 psi.

Max Rate:91.0 bpm, Max Pressure:7937 psi. ISIP: 2111 psi.

Pump time: mins. Total clean fluid:9860 bbls, Total slurry volume:10,365 bbls.

Sand pumped: Sand 100:32,438 lbs, Sand 40/70: 437,186 lbs TOTAL: 469,624 lbs

**STAGE 14: 10010, 9995, 9895, 9825, 9710**

6 JSPF, .41 dia hole. Pump down @ 15 bpm. Max press of 2297 psi w/ 72 bbls pumped.

**PUMP STAGE 14:**

Sand in formation 470,063: lbs 100%. Equalize/open hole W/1139 psi. Ave rate:90.0 bpm,  
Ave Press:5335 psi

Max Rate: 91.0 bpm, Max pressure: 8367 psi. ISIP: 2639 psi.

Pump time: 2 mins. Total clean fluid: 9784 bbls, Total slurry volume:10,291 bbls.

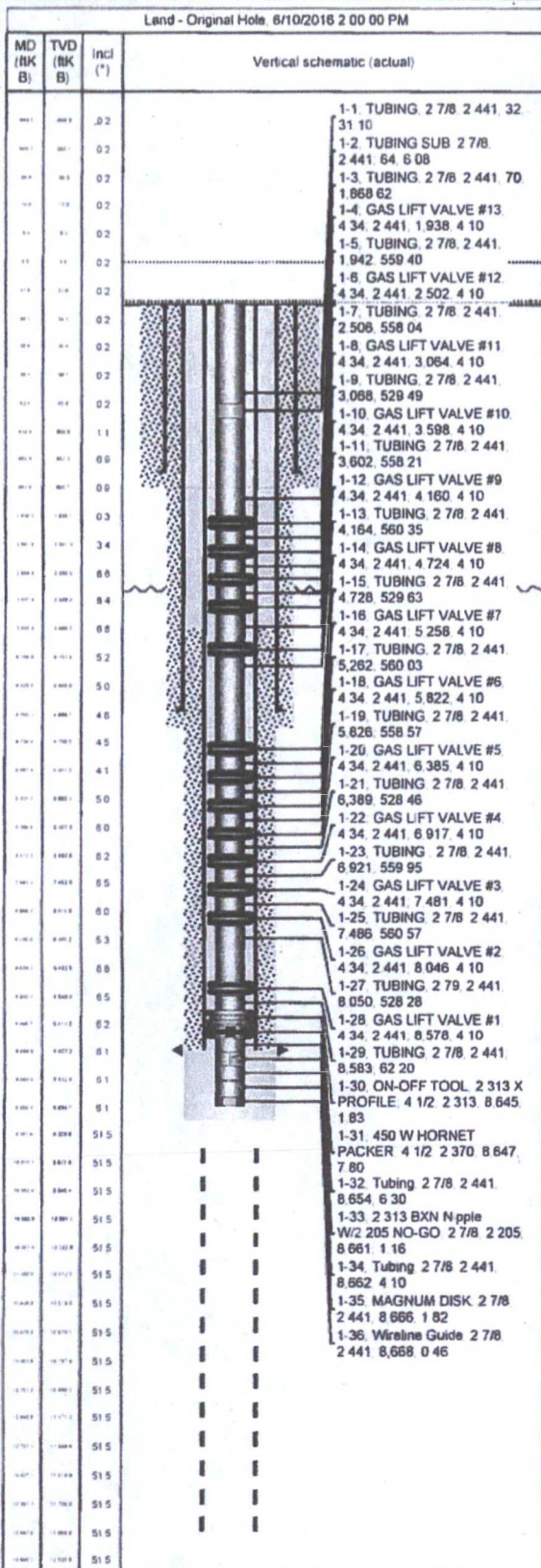
Sand pumped: Sand 100: 32,967 lbs, Sand 40/70: 437,349 lbs, TOTAL 470,316 lbs.





# Tubing Summary

|                                                   |                                                |                                                      |                                           |
|---------------------------------------------------|------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| Well Name<br><b>SALADO DRAW EA 19 FED P6 007H</b> | Lease<br><b>Salado Draw EA 19 Fed P6</b>       | Field Name<br><b>WILDCAT (HOBBS)</b>                 | Business Unit<br><b>Mid-Continent</b>     |
| Ground Elevation (ft)<br><b>3,208.00</b>          | Original RKB Elevation (ft)<br><b>3,238.60</b> | Current RKB Elevation<br><b>3,238.60, 12/15/2015</b> | Mud Line Elevation (ft)<br><b></b>        |
| Current KB to Ground (ft)<br><b>32.60</b>         | Current KB to Mud Line (ft)<br><b></b>         | Current KB to Csg Flange (ft)<br><b></b>             | Current KB to Tubing Head (ft)<br><b></b> |



| Tubing Strings      |                             |         |         |            |                                   |            |                       |            |                        |
|---------------------|-----------------------------|---------|---------|------------|-----------------------------------|------------|-----------------------|------------|------------------------|
| Tubing Description  |                             |         |         |            | Planned Run?                      |            | Set Depth (MD) (ftKB) |            | Set Depth (TVD) (ftKB) |
| Tubing - Production |                             |         |         |            | N                                 |            | 8,668.3               |            | 8,634.6                |
| Run Date 6/10/2016  |                             |         |         |            | Run Job Complete, 4/20/2016 00:00 |            | Pull Date             |            | Pull Job               |
| Jts                 | Item Des                    | OD (in) | ID (in) | Wt (lb/ft) | Grade                             | Top Thread | Len (ft)              | Top (ftKB) | Btm (ftKB)             |
| 1                   | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 31.10                 | 32.5       | 83.6                   |
| 1                   | TUBING SUB                  | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 6.08                  | 63.6       | 69.7                   |
| 60                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 1,868.6 2             | 69.7       | 1,938.3                |
| 1                   | GAS LIFT VALVE #13          | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 1,938.3    | 1,942.4                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 559.40                | 1,942.4    | 2,501.8                |
| 1                   | GAS LIFT VALVE #12          | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 2,501.8    | 2,505.9                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 558.04                | 2,505.9    | 3,063.9                |
| 1                   | GAS LIFT VALVE #11          | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 3,063.9    | 3,068.0                |
| 17                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 529.49                | 3,068.0    | 3,597.5                |
| 1                   | GAS LIFT VALVE #10          | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 3,597.5    | 3,601.6                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 558.21                | 3,601.6    | 4,159.8                |
| 1                   | GAS LIFT VALVE #9           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 4,159.8    | 4,163.9                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 560.35                | 4,163.9    | 4,724.3                |
| 1                   | GAS LIFT VALVE #8           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 4,724.3    | 4,728.4                |
| 17                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 529.63                | 4,728.4    | 5,258.0                |
| 1                   | GAS LIFT VALVE #7           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 5,258.0    | 5,262.1                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 560.03                | 5,262.1    | 5,822.2                |
| 1                   | GAS LIFT VALVE #6           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 5,822.2    | 5,826.3                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 558.57                | 5,826.3    | 6,384.8                |
| 1                   | GAS LIFT VALVE #5           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 6,384.8    | 6,388.9                |
| 17                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 528.46                | 6,388.9    | 6,917.4                |
| 1                   | GAS LIFT VALVE #4           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 6,917.4    | 6,921.5                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 559.95                | 6,921.5    | 7,481.4                |
| 1                   | GAS LIFT VALVE #3           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 7,481.4    | 7,485.5                |
| 18                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 560.57                | 7,485.5    | 8,046.1                |
| 1                   | GAS LIFT VALVE #2           | 4.335   | 2 441   |            |                                   | 8TRD       | 4.10                  | 8,046.1    | 8,050.2                |
| 17                  | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 528.28                | 8,050.2    | 8,578.5                |
| 1                   | GAS LIFT VALVE #1           | 4.335   | 2 441   |            |                                   | 8RD        | 4.10                  | 8,578.5    | 8,582.6                |
| 2                   | TUBING                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 62.20                 | 8,582.6    | 8,644.8                |
| 1                   | ON-OFF TOOL 2 313 X PROFILE | 4 1/2   | 2 313   |            |                                   | 8RD        | 1.83                  | 8,644.8    | 8,646.6                |
| 1                   | 450 W HORNET PACKER         | 4 1/2   | 2 370   |            |                                   | 8RD        | 7.80                  | 8,646.6    | 8,654.4                |
| 1                   | Tubing                      | 2 7/8   | 2 441   | 6.50       | L-80                              | 8RD        | 6.30                  | 8,654.4    | 8,660.7                |





# Tubing Summary

|                                            |                                         |                                               |                                |                  |
|--------------------------------------------|-----------------------------------------|-----------------------------------------------|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H | Lease<br>Salado Draw EA 19 Fed P6       | Field Name<br>WILDCAT (HOBBS)                 | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,208.00          | Original RKB Elevation (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 | Mud Line Elevation (ft)        | Water Depth (ft) |
| Current KB to Ground (ft)<br>32.60         | Current KB to Mud Line (ft)             | Current KB to Csg Flange (ft)                 | Current KB to Tubing Head (ft) |                  |

Land - Original Hole: 6/10/2016 2 00 00 PM

| MD<br>(ft)<br>(ft) | TVD<br>(ft)<br>(ft) | Incl<br>(°) | Vertical schematic (actual)                                       |
|--------------------|---------------------|-------------|-------------------------------------------------------------------|
| 0.0                | 0.0                 | 0.2         | 1-1. TUBING 2 7/8 2 441. 32<br>31 10                              |
| 0.0                | 0.0                 | 0.2         | 1-2. TUBING SUB. 2 7/8<br>2 441. 64 6 08                          |
| 0.0                | 0.0                 | 0.2         | 1-3. TUBING 2 7/8 2 441. 70.<br>1.868 62                          |
| 0.0                | 0.0                 | 0.2         | 1-4. GAS LIFT VALVE #13<br>4 34. 2 441. 1.938 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-5. TUBING 2 7/8 2 441.<br>1.942. 559 40                         |
| 0.0                | 0.0                 | 0.2         | 1-6. GAS LIFT VALVE #12<br>4 34. 2 441. 2.502 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-7. TUBING 2 7/8 2 441.<br>2.506 558 04                          |
| 0.0                | 0.0                 | 0.2         | 1-8. GAS LIFT VALVE #11<br>4 34. 2 441. 3.064 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-9. TUBING 2 7/8 2 441.<br>3.068 559 49                          |
| 0.0                | 0.0                 | 0.2         | 1-10. GAS LIFT VALVE #10<br>4 34. 2 441. 3.598 4 10               |
| 0.0                | 0.0                 | 0.2         | 1-11. TUBING 2 7/8 2 441.<br>3.602 559 21                         |
| 0.0                | 0.0                 | 0.2         | 1-12. GAS LIFT VALVE #9<br>4 34. 2 441. 4.160 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-13. TUBING 2 7/8 2 441.<br>4.164 560 35                         |
| 0.0                | 0.0                 | 0.2         | 1-14. GAS LIFT VALVE #8<br>4 34. 2 441. 4.724 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-15. TUBING 2 7/8 2 441.<br>4.728 529 63                         |
| 0.0                | 0.0                 | 0.2         | 1-16. GAS LIFT VALVE #7<br>4 34. 2 441. 5.258 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-17. TUBING 2 7/8 2 441.<br>5.262 560 03                         |
| 0.0                | 0.0                 | 0.2         | 1-18. GAS LIFT VALVE #6<br>4 34. 2 441. 5.822 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-19. TUBING 2 7/8 2 441.<br>5.826 558 57                         |
| 0.0                | 0.0                 | 0.2         | 1-20. GAS LIFT VALVE #5<br>4 34. 2 441. 6.385 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-21. TUBING 2 7/8 2 441.<br>6.389 528 46                         |
| 0.0                | 0.0                 | 0.2         | 1-22. GAS LIFT VALVE #4<br>4 34. 2 441. 6.917 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-23. TUBING 2 7/8 2 441.<br>6.921 559 95                         |
| 0.0                | 0.0                 | 0.2         | 1-24. GAS LIFT VALVE #3<br>4 34. 2 441. 7.481 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-25. TUBING 2 7/8 2 441.<br>7.485 560 57                         |
| 0.0                | 0.0                 | 0.2         | 1-26. GAS LIFT VALVE #2<br>4 34. 2 441. 8.046 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-27. TUBING 2 7/8 2 441.<br>8.050 528 28                         |
| 0.0                | 0.0                 | 0.2         | 1-28. GAS LIFT VALVE #1<br>4 34. 2 441. 8.578 4 10                |
| 0.0                | 0.0                 | 0.2         | 1-29. TUBING 2 7/8 2 441.<br>8.583 62 20                          |
| 0.0                | 0.0                 | 0.2         | 1-30. ON-OFF TOOL 2 313 X<br>PROFILE 4 1/2 2 313 8 645<br>1 83    |
| 0.0                | 0.0                 | 0.2         | 1-31. 450 W HORNET<br>PACKER 4 1/2 2 370 8 647.<br>7 80           |
| 0.0                | 0.0                 | 0.2         | 1-32. Tubing 2 7/8 2 441.<br>8 654 6 30                           |
| 0.0                | 0.0                 | 0.2         | 1-33. 2 313 BXN Nipple<br>W/2 205 NO-GO 2 7/8 2 205<br>8 661 1 16 |
| 0.0                | 0.0                 | 0.2         | 1-34. Tubing 2 7/8 2 441.<br>8 662 4 10                           |
| 0.0                | 0.0                 | 0.2         | 1-35. MAGNUM DISK 2 7/8<br>2 441. 8 666 1 82                      |
| 0.0                | 0.0                 | 0.2         | 1-36. Wireline Guide 2 7/8<br>2 441. 8 668 0 46                   |

| Jts | Item Des                       | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Thread | Len (ft) | Top (ftKB) | Btm (ftKB) |
|-----|--------------------------------|---------|---------|------------|-------|------------|----------|------------|------------|
| 1   | 2 313 BXN Nipple W/2 205 NO-GO | 2 7/8   | 2 205   |            |       | 8RD        | 1 16     | 8,660.7    | 8,661.9    |
| 1   | Tubing                         | 2 7/8   | 2 441   | 6.50       | L-80  | 8RD        | 4 10     | 8,661.9    | 8,666.0    |
| 1   | MAGNUM DISK                    | 2 7/8   | 2 441   |            |       | 8RD        | 1 82     | 8,666.0    | 8,667.8    |
| 1   | Wireline Guide                 | 2 7/8   | 2 441   |            |       | 8RD        | 0 46     | 8,667.8    | 8,668.3    |

## Rod Strings

| Rod Description | Planned Run? | Set Depth (ftKB) | Set Depth (TVD) (ftKB) |
|-----------------|--------------|------------------|------------------------|
| Run Date        | Run Job      | Pull Date        | Pull Job               |

## Rod Components

| Jts | Item Des | OD (in) | Grade | Model | Len (ft) | Top (ftKB) | Btm (ftKB) |
|-----|----------|---------|-------|-------|----------|------------|------------|
|-----|----------|---------|-------|-------|----------|------------|------------|





# Cement Summary

Surface Casing Cement

|                                            |                               |                                               |  |                               |  |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|--|-------------------------------|--|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             |  | Field Name<br>WILDCAT (HOBBS) |  | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |  |                               |  | Mud Line Elevation (ft)        | Water Depth (ft) |

## Original Hole

|                                |  |                                |  |                                      |  |                                          |  |
|--------------------------------|--|--------------------------------|--|--------------------------------------|--|------------------------------------------|--|
| Wellbore Name<br>Original Hole |  | Directional Type<br>Horizontal |  | Min Kick Off Depth (ftKB)<br>8,782.0 |  | Vertical Section Direction (°)<br>171.01 |  |
| Hole Size (in)                 |  | Act Top (ftKB)                 |  | Act Btm (ftKB)                       |  |                                          |  |
| 17 1/2                         |  | 32.6                           |  | 864.0                                |  |                                          |  |
| 12 1/4                         |  | 864.0                          |  | 4,710.0                              |  |                                          |  |
| 8 3/4                          |  | 4,710.0                        |  | 8,682.0                              |  |                                          |  |

## ST1

|                      |  |                                |  |                                      |                |                                          |  |
|----------------------|--|--------------------------------|--|--------------------------------------|----------------|------------------------------------------|--|
| Wellbore Name<br>ST1 |  | Directional Type<br>Horizontal |  | Min Kick Off Depth (ftKB)<br>8,682.0 |                | Vertical Section Direction (°)<br>171.01 |  |
| Hole Size (in)       |  | Act Top (ftKB)                 |  |                                      | Act Btm (ftKB) |                                          |  |
| 8 3/4                |  | 8,660.0                        |  |                                      | 13,846.0       |                                          |  |

## Multi-bowl, FMC on 2/3/2016 01:00

|                        |      |       |          |                          |    |  |  |
|------------------------|------|-------|----------|--------------------------|----|--|--|
| Sub-Type<br>Multi-bowl |      |       |          | Install Date<br>2/3/2016 |    |  |  |
| Des                    | Make | Model | WP (psi) | Service                  | SN |  |  |
|                        |      |       |          |                          |    |  |  |

## Surface, Planned?-N, 854ftKB

|                               |                           |                      |                              |                        |                    |
|-------------------------------|---------------------------|----------------------|------------------------------|------------------------|--------------------|
| Casing Description<br>Surface | Wellbore<br>Original Hole | Run Date<br>2/2/2016 | Set Depth (MD) (ftKB)<br>854 | Stick Up (ftKB)<br>3.7 | Set Tension (kips) |
| Centralizers<br>9             |                           |                      | Scratchers                   |                        |                    |

| Jts | Item Des      | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|---------------|---------|---------|------------|-------|------------------|------------|----------|-----------------------|-----------------------|
| 1   | Casing Joint  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 0.00     | -4                    | -4                    |
| 1   | Landing Joint | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 38.53    | -4                    | 35                    |
| 1   | Wellhead      | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 2.86     | 35                    | 38                    |
| 1   | Pup Joint     | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 3.40     | 38                    | 41                    |
| 18  | Casing Joint  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 769.12   | 41                    | 810                   |
| 1   | Float Collar  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 1.38     | 810                   | 812                   |
| 1   | Casing Joint  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 40.65    | 812                   | 852                   |
| 1   | Guide Shoe    | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 1.78     | 852                   | 854                   |

## Intermediate Casing 1, Planned?-N, 4,702ftKB

|                                             |                           |                      |                                |                         |                    |
|---------------------------------------------|---------------------------|----------------------|--------------------------------|-------------------------|--------------------|
| Casing Description<br>Intermediate Casing 1 | Wellbore<br>Original Hole | Run Date<br>2/6/2016 | Set Depth (MD) (ftKB)<br>4,702 | Stick Up (ftKB)<br>96.7 | Set Tension (kips) |
| Centralizers<br>31                          |                           |                      | Scratchers                     |                         |                    |

| Jts | Item Des      | OD (in) | ID (in) | Wt (lb/ft) | Grade  | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|---------------|---------|---------|------------|--------|------------------|------------|----------|-----------------------|-----------------------|
| 2   | Casing Joint  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 84.30    | -97                   | -12                   |
| 1   | Landing Joint | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 41.83    | -12                   | 29                    |
| 1   | Hanger Pup    | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 5.98     | 29                    | 35                    |
| 109 | Casing Joint  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 4,588.25 | 35                    | 4,624                 |
| 1   | Float Collar  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 1.49     | 4,624                 | 4,625                 |
| 2   | Casing Joint  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 75.27    | 4,625                 | 4,700                 |
| 1   | Float Shoe    | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 1.63     | 4,700                 | 4,702                 |

## Production Casing, Planned?-N, 13,832ftKB

|                                         |                 |                       |                                 |                        |                    |
|-----------------------------------------|-----------------|-----------------------|---------------------------------|------------------------|--------------------|
| Casing Description<br>Production Casing | Wellbore<br>ST1 | Run Date<br>2/19/2016 | Set Depth (MD) (ftKB)<br>13,832 | Stick Up (ftKB)<br>6.3 | Set Tension (kips) |
| Centralizers<br>101                     |                 |                       | Scratchers                      |                        |                    |

| Jts | Item Des      | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|---------------|---------|---------|------------|-------|------------------|------------|----------|-----------------------|-----------------------|
| 3   | Pup Joint     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 2   | Marker Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 47  | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 1   | BAD           | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 1   | Landing Joint | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 38.17    | -6                    | 32                    |
| 1   | Hanger        | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.08     | 32                    | 34                    |
| 1   | Pup Joint     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 4.68     | 34                    | 39                    |
| 25  | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 1,022.65 | 39                    | 1,061                 |
| 184 | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 7,458.42 | 1,061                 | 8,520                 |
| 1   | Marker Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 5.48     | 8,520                 | 8,525                 |
| 127 | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 5,139.99 | 8,525                 | 13,665                |
| 1   | Pup Joint     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.15    | 13,665                | 13,675                |





# Cement Summary

## Surface Casing Cement

|                                            |                               |                                               |  |                               |  |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|--|-------------------------------|--|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             |  | Field Name<br>WILDCAT (HOBBS) |  | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |  |                               |  | Mud Line Elevation (ft)        | Water Depth (ft) |

| Jts | Item Des       | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|----------------|---------|---------|------------|-------|------------------|------------|----------|-----------------------|-----------------------|
| 1   | RSI Tool       | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 6.66     | 13,675                | 13,682                |
| 1   | Pup Joint      | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.12    | 13,682                | 13,692                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 40.56    | 13,692                | 13,733                |
| 1   | Pup Joint      | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.41    | 13,733                | 13,743                |
| 1   | Landing Collar | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 1.48     | 13,743                | 13,745                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 41.21    | 13,745                | 13,786                |
| 1   | Float Collar   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.46     | 13,786                | 13,788                |
| 1   | XRV Tool       | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.14     | 13,788                | 13,790                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 38.89    | 13,790                | 13,829                |
| 1   | Float Shoe     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.70     | 13,829                | 13,832                |

### Surface Casing Cement, Casing, 2/2/2016 18:41

|                                  |                                |                           |
|----------------------------------|--------------------------------|---------------------------|
| Cementing Start Date<br>2/2/2016 | Cementing End Date<br>2/2/2016 | Wellbore<br>Original Hole |
|----------------------------------|--------------------------------|---------------------------|

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Evaluation Method<br>Returns to Surface | Cement Evaluation Results<br>Full returns |
|-----------------------------------------|-------------------------------------------|

Comment  
Tested service lines to 3,335 psi. Pumped 40 bbl FW dyed spacer, 238 bbl (1006 sx) of tail cement, displaced with 125 bbl of 8.34 ppg FW. Bumped plug. Floats held. Bled back 1/2 a bbl. 115 bbls of cement to surface.

### 1, 32.6-864.0ftKB

|                                    |                                  |                                  |                               |                                    |                   |
|------------------------------------|----------------------------------|----------------------------------|-------------------------------|------------------------------------|-------------------|
| Top Depth (ftKB)<br>32.6           | Bottom Depth (ftKB)<br>864.0     | Full Return?<br>N                | Vol Cement Ret (bbl)<br>115.0 | Top Plug?<br>Y                     | Bottom Plug?<br>N |
| Initial Pump Rate (bbl/min)<br>4.8 | Final Pump Rate (bbl/min)<br>2.3 | Avg Pump Rate (bbl/min)<br>3.6   |                               | Final Pump Pressure (psi)<br>327.0 |                   |
| Pipe Reciprocated?<br>N            | Reciprocation Stroke Length (ft) | Reciprocation Rate (spm)         |                               | Pipe Rotated?<br>N                 |                   |
| Depth Tagged (MD) (ftKB)           | Tag Method                       | Depth Plug Drilled Out To (ftKB) |                               | Drill Out Diameter (in)            |                   |
|                                    |                                  |                                  |                               | Drill Out Date                     |                   |

### Spacer

|                      |                               |                           |                      |                                |
|----------------------|-------------------------------|---------------------------|----------------------|--------------------------------|
| Fluid Type<br>Spacer | Fluid Description<br>Spacer   | Quantity (sacks)<br>0     | Class                | Volume Pumped (bbl)<br>40.0    |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%) | Yield (ft³/sack)     | Fluid Mix Ratio (gal/sack)     |
| Free Water (%)       | Density (lb/gal)<br>8.30      | Zero Gel Time (min)       | Thickening Time (hr) | 1st Compressive Strength (psi) |

### Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

### Tail

|                      |                               |                                    |                          |                                    |
|----------------------|-------------------------------|------------------------------------|--------------------------|------------------------------------|
| Fluid Type<br>Tail   | Fluid Description<br>Cement   | Quantity (sacks)<br>1,006          | Class<br>C               | Volume Pumped (bbl)<br>238.0       |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%)<br>125.0 | Yield (ft³/sack)<br>1.33 | Fluid Mix Ratio (gal/sack)<br>6.37 |
| Free Water (%)       | Density (lb/gal)<br>14.80     | Zero Gel Time (min)                | Thickening Time (hr)     | 1st Compressive Strength (psi)     |

### Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

### Displacement

|                            |                                   |                           |                      |                                |
|----------------------------|-----------------------------------|---------------------------|----------------------|--------------------------------|
| Fluid Type<br>Displacement | Fluid Description<br>Displacement | Quantity (sacks)          | Class                | Volume Pumped (bbl)<br>125.0   |
| Estimated Top (ftKB)       | Estimated Bottom Depth (ftKB)     | Percent Excess Pumped (%) | Yield (ft³/sack)     | Fluid Mix Ratio (gal/sack)     |
| Free Water (%)             | Density (lb/gal)<br>8.30          | Zero Gel Time (min)       | Thickening Time (hr) | 1st Compressive Strength (psi) |

### Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |





# Cement Summary

Intermediate Casing Cement

|                                            |                               |                                               |  |                               |  |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|--|-------------------------------|--|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             |  | Field Name<br>WILDCAT (HOBBS) |  | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |  |                               |  | Mud Line Elevation (ft)        | Water Depth (ft) |

| Original Hole                  |  |                                |                                      |                                          |
|--------------------------------|--|--------------------------------|--------------------------------------|------------------------------------------|
| Wellbore Name<br>Original Hole |  | Directional Type<br>Horizontal | Min Kick Off Depth (ftKB)<br>8,782.0 | Vertical Section Direction (°)<br>171.01 |
| Hole Size (in)                 |  | Act Top (ftKB)                 |                                      | Act Btm (ftKB)                           |
| 17 1/2                         |  | 32.6                           |                                      | 864.0                                    |
| 12 1/4                         |  | 864.0                          |                                      | 4,710.0                                  |
| 8 3/4                          |  | 4,710.0                        |                                      | 8,682.0                                  |

| ST1                  |  |                                |                                      |                                          |
|----------------------|--|--------------------------------|--------------------------------------|------------------------------------------|
| Wellbore Name<br>ST1 |  | Directional Type<br>Horizontal | Min Kick Off Depth (ftKB)<br>8,682.0 | Vertical Section Direction (*)<br>171.01 |
| Hole Size (in)       |  | Act Top (ftKB)                 |                                      | Act Btm (ftKB)                           |
| 8 3/4                |  | 8,660.0                        |                                      | 13,846.0                                 |

|                                          |      |       |          |                          |    |  |  |
|------------------------------------------|------|-------|----------|--------------------------|----|--|--|
| <b>Multi-bowl, FMC on 2/3/2016 01:00</b> |      |       |          |                          |    |  |  |
| Sub-Type<br>Multi-bowl                   |      |       |          | Install Date<br>2/3/2016 |    |  |  |
| Des                                      | Make | Model | WP (psi) | Service                  | SN |  |  |
|                                          |      |       |          |                          |    |  |  |

| Surface, Planned?-N, 854ftKB  |               |                           |         |                      |       |                              |            |                        |                       |                       |
|-------------------------------|---------------|---------------------------|---------|----------------------|-------|------------------------------|------------|------------------------|-----------------------|-----------------------|
| Casing Description<br>Surface |               | Wellbore<br>Original Hole |         | Run Date<br>2/2/2016 |       | Set Depth (MD) (ftKB)<br>854 |            | Stick Up (ftKB)<br>3.7 |                       | Set Tension (kips)    |
| Centralizers<br>9             |               |                           |         |                      |       | Scratchers                   |            |                        |                       |                       |
| Jts                           | Item Des      | OD (in)                   | ID (in) | Wt (lb/ft)           | Grade | Top Conn Sz (in)             | Top Thread | Len (ft)               | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
| 1                             | Casing Joint  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 0.00                   | -4                    | -4                    |
| 1                             | Landing Joint | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 38.53                  | -4                    | 35                    |
| 1                             | Wellhead      | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 2.86                   | 35                    | 38                    |
| 1                             | Pup Joint     | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 3.40                   | 38                    | 41                    |
| 18                            | Casing Joint  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 769.12                 | 41                    | 810                   |
| 1                             | Float Collar  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 1.38                   | 810                   | 812                   |
| 1                             | Casing Joint  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 40.65                  | 812                   | 852                   |
| 1                             | Guide Shoe    | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 1.78                   | 852                   | 854                   |

| Intermediate Casing 1, Planned?-N, 4,702ftKB |               |                           |         |                      |        |                                |            |                         |                          |                          |
|----------------------------------------------|---------------|---------------------------|---------|----------------------|--------|--------------------------------|------------|-------------------------|--------------------------|--------------------------|
| Casing Description<br>Intermediate Casing 1  |               | Wellbore<br>Original Hole |         | Run Date<br>2/6/2016 |        | Set Depth (MD) (ftKB)<br>4,702 |            | Stick Up (ftKB)<br>96.7 |                          | Set Tension (kips)       |
| Centralizers<br>31                           |               |                           |         |                      |        | Scratchers                     |            |                         |                          |                          |
| Jts                                          | Item Des      | OD (in)                   | ID (in) | Wt (lb/ft)           | Grade  | Top Conn Sz<br>(in)            | Top Thread | Len (ft)                | Top Depth (MD)<br>(ftKB) | Btm Depth (MD)<br>(ftKB) |
| 2                                            | Casing Joint  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 84.30                   | -97                      | -12                      |
| 1                                            | Landing Joint | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 41.83                   | -12                      | 29                       |
| 1                                            | Hanger Pup    | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 5.98                    | 29                       | 35                       |
| 109                                          | Casing Joint  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 4,588.25                | 35                       | 4,624                    |
| 1                                            | Float Collar  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 1.49                    | 4,624                    | 4,625                    |
| 2                                            | Casing Joint  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 75.27                   | 4,625                    | 4,700                    |
| 1                                            | Float Shoe    | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 1.63                    | 4,700                    | 4,702                    |

| Production Casing, Planned?-N, 13,832ftKB |               |                 |         |                       |       |                                 |            |                        |                       |                       |
|-------------------------------------------|---------------|-----------------|---------|-----------------------|-------|---------------------------------|------------|------------------------|-----------------------|-----------------------|
| Casing Description<br>Production Casing   |               | Wellbore<br>ST1 |         | Run Date<br>2/19/2016 |       | Set Depth (MD) (ftKB)<br>13,832 |            | Stick Up (ftKB)<br>6.3 |                       | Set Tension (kips)    |
| Centralizers<br>101                       |               |                 |         |                       |       | Scratchers                      |            |                        |                       |                       |
| Jts                                       | Item Des      | OD (in)         | ID (in) | Wt (lb/ft)            | Grade | Top Conn Sz (in)                | Top Thread | Len (ft)               | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
| 3                                         | Pup Joint     | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |
| 2                                         | Marker Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |
| 47                                        | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |
| 1                                         | BAD           | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |
| 1                                         | Landing Joint | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 38.17                  | -6                    | 32                    |
| 1                                         | Hanger        | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 2.08                   | 32                    | 34                    |
| 1                                         | Pup Joint     | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 4.68                   | 34                    | 39                    |
| 25                                        | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 1,022.65               | 39                    | 1,061                 |
| 184                                       | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 7,458.42               | 1,061                 | 8,520                 |
| 1                                         | Marker Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 5.48                   | 8,520                 | 8,525                 |
| 127                                       | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 5,139.99               | 8,525                 | 13,665                |
| 1                                         | Pup Joint     | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 10.15                  | 13,665                | 13,675                |





# Cement Summary

Intermediate Casing Cement

|                                            |                               |                                               |                               |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------------|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             | Field Name<br>WILDCAT (HOBBS) | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |                               | Mud Line Elevation (ft)        | Water Depth (ft) |

| Jts | Item Des       | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|----------------|---------|---------|------------|-------|------------------|------------|----------|-----------------------|-----------------------|
| 1   | RSI Tool       | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 6.66     | 13,675                | 13,682                |
| 1   | Pup Joint      | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.12    | 13,682                | 13,692                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 40.56    | 13,692                | 13,733                |
| 1   | Pup Joint      | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.41    | 13,733                | 13,743                |
| 1   | Landing Collar | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 1.48     | 13,743                | 13,745                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 41.21    | 13,745                | 13,786                |
| 1   | Float Collar   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.46     | 13,786                | 13,788                |
| 1   | XRV Tool       | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.14     | 13,788                | 13,790                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 38.89    | 13,790                | 13,829                |
| 1   | Float Shoe     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.70     | 13,829                | 13,832                |

## Intermediate Casing Cement, Casing, 2/6/2016 14:00

|                                  |                                |                           |
|----------------------------------|--------------------------------|---------------------------|
| Cementing Start Date<br>2/6/2016 | Cementing End Date<br>2/6/2016 | Wellbore<br>Original Hole |
|----------------------------------|--------------------------------|---------------------------|

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Evaluation Method<br>Returns to Surface | Cement Evaluation Results<br>Full returns |
|-----------------------------------------|-------------------------------------------|

Comment  
Tested surface lines to 5,084 psi. Pumped 50 bbl spacer, 461 bbl (1066 sxs) of 11.9 ppg Poz, 109 bbl (461 sxs) of C-Neat, and displaced with 350 bbls of fresh water. Held 500 psi over final circulating pressure. Bled back 2.5 bbl. Floats held.

## 1, 32.6-4,710.0ftKB

|                                    |                                  |                                  |                               |                                      |                                     |
|------------------------------------|----------------------------------|----------------------------------|-------------------------------|--------------------------------------|-------------------------------------|
| Top Depth (ftKB)<br>32.6           | Bottom Depth (ftKB)<br>4,710.0   | Full Return?<br>N                | Vol Cement Ret (bbl)<br>200.0 | Top Plug?<br>Y                       | Bottom Plug?<br>N                   |
| Initial Pump Rate (bbl/min)<br>4.8 | Final Pump Rate (bbl/min)<br>2.3 | Avg Pump Rate (bbl/min)<br>3.6   |                               | Final Pump Pressure (psi)<br>1,238.0 | Plug Bump Pressure (psi)<br>1,738.0 |
| Pipe Reciprocated?<br>N            | Reciprocation Stroke Length (ft) | Reciprocation Rate (spm)         |                               | Pipe Rotated?<br>N                   | Pipe RPM (rpm)                      |
| Depth Tagged (MD) (ftKB)           | Tag Method                       | Depth Plug Drilled Out To (ftKB) |                               | Drill Out Diameter (in)              | Drill Out Date                      |

## Spacer

|                      |                               |                           |                      |                                |
|----------------------|-------------------------------|---------------------------|----------------------|--------------------------------|
| Fluid Type<br>Spacer | Fluid Description             | Quantity (sacks)<br>50.0  | Class                | Volume Pumped (bbl)<br>50.0    |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%) | Yield (ft³/sack)     | Fluid Mix Ratio (gal/sack)     |
| Free Water (%)       | Density (lb/gal)<br>8.30      | Zero Gel Time (min)       | Thickening Time (hr) | 1st Compressive Strength (psi) |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

## Lead

|                      |                                |                                    |                          |                                     |
|----------------------|--------------------------------|------------------------------------|--------------------------|-------------------------------------|
| Fluid Type<br>Lead   | Fluid Description<br>50:50 POZ | Quantity (sacks)<br>1,006          | Class<br>C               | Volume Pumped (bbl)<br>461.0        |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB)  | Percent Excess Pumped (%)<br>150.0 | Yield (ft³/sack)<br>2.43 | Fluid Mix Ratio (gal/sack)<br>13.98 |
| Free Water (%)       | Density (lb/gal)<br>11.90      | Zero Gel Time (min)                | Thickening Time (hr)     | 1st Compressive Strength (psi)      |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

## Tail

|                      |                               |                                   |                              |                                        |
|----------------------|-------------------------------|-----------------------------------|------------------------------|----------------------------------------|
| Fluid Type<br>Tail   | Fluid Description<br>C-Neat   | Quantity (sacks)<br>464           | Class<br>H                   | Volume Pumped (bbl)<br>110.0           |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%)<br>85.0 | Yield (ft³/sack)<br>1.33     | Fluid Mix Ratio (gal/sack)<br>6.35     |
| Free Water (%)       | Density (lb/gal)<br>14.80     | Zero Gel Time (min)               | Thickening Time (hr)<br>3.77 | 1st Compressive Strength (psi)<br>50.0 |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

## Displacement

|                            |                                   |                           |                      |                                |
|----------------------------|-----------------------------------|---------------------------|----------------------|--------------------------------|
| Fluid Type<br>Displacement | Fluid Description<br>Displacement | Quantity (sacks)          | Class                | Volume Pumped (bbl)<br>350.0   |
| Estimated Top (ftKB)       | Estimated Bottom Depth (ftKB)     | Percent Excess Pumped (%) | Yield (ft³/sack)     | Fluid Mix Ratio (gal/sack)     |
| Free Water (%)             | Density (lb/gal)<br>8.30          | Zero Gel Time (min)       | Thickening Time (hr) | 1st Compressive Strength (psi) |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |





# Cement Summary

Cement Plug

|                                            |                               |                                               |  |                               |  |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|--|-------------------------------|--|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             |  | Field Name<br>WILDCAT (HOBBS) |  | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |  |                               |  | Mud Line Elevation (ft)        | Water Depth (ft) |

## Original Hole

|                                |  |                                |  |                                      |                |                                          |  |
|--------------------------------|--|--------------------------------|--|--------------------------------------|----------------|------------------------------------------|--|
| Wellbore Name<br>Original Hole |  | Directional Type<br>Horizontal |  | Min Kick Off Depth (ftKB)<br>8,782.0 |                | Vertical Section Direction (°)<br>171.01 |  |
| Hole Size (in)                 |  | Act Top (ftKB)                 |  |                                      | Act Btm (ftKB) |                                          |  |
| 17 1/2                         |  | 32.6                           |  |                                      | 864.0          |                                          |  |
| 12 1/4                         |  | 864.0                          |  |                                      | 4,710.0        |                                          |  |
| 8 3/4                          |  | 4,710.0                        |  |                                      | 8,682.0        |                                          |  |

## ST1

|                      |                                |                                      |                                          |
|----------------------|--------------------------------|--------------------------------------|------------------------------------------|
| Wellbore Name<br>ST1 | Directional Type<br>Horizontal | Min Kick Off Depth (ftKB)<br>8,682.0 | Vertical Section Direction (*)<br>171.01 |
| Hole Size (in)       | Act Top (ftKB)                 |                                      | Act Btm (ftKB)                           |
| 8 3/4                | 8,660.0                        |                                      | 13,846.0                                 |

## Multi-bowl, FMC on 2/3/2016 01:00

|                        |      |       |          |                          |    |  |  |
|------------------------|------|-------|----------|--------------------------|----|--|--|
| Sub-Type<br>Multi-bowl |      |       |          | Install Date<br>2/3/2016 |    |  |  |
| Des                    | Make | Model | WP (psi) | Service                  | SN |  |  |
|                        |      |       |          |                          |    |  |  |

## Surface, Planned?-N, 854ftKB

|                               |               |                           |         |                      |       |                              |            |                        |                          |                          |  |
|-------------------------------|---------------|---------------------------|---------|----------------------|-------|------------------------------|------------|------------------------|--------------------------|--------------------------|--|
| Casing Description<br>Surface |               | Wellbore<br>Original Hole |         | Run Date<br>2/2/2016 |       | Set Depth (MD) (ftKB)<br>854 |            | Stick Up (ftKB)<br>3.7 |                          | Set Tension (kips)       |  |
| Centralizers<br>9             |               |                           |         |                      |       | Scratchers                   |            |                        |                          |                          |  |
| Jts                           | Item Des      | OD (in)                   | ID (in) | Wt (lb/ft)           | Grade | Top Conn Sz<br>(in)          | Top Thread | Len (ft)               | Top Depth (MD)<br>(ftKB) | Btm Depth (MD)<br>(ftKB) |  |
| 1                             | Casing Joint  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 0.00                   | -4                       | -4                       |  |
| 1                             | Landing Joint | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 38.53                  | -4                       | 35                       |  |
| 1                             | Wellhead      | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 2.86                   | 35                       | 38                       |  |
| 1                             | Pup Joint     | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 3.40                   | 38                       | 41                       |  |
| 18                            | Casing Joint  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 769.12                 | 41                       | 810                      |  |
| 1                             | Float Collar  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 1.38                   | 810                      | 812                      |  |
| 1                             | Casing Joint  | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 40.65                  | 812                      | 852                      |  |
| 1                             | Guide Shoe    | 13 3/8                    | 12.615  | 54.50                | J-55  |                              |            | 1.78                   | 852                      | 854                      |  |

## Intermediate Casing 1, Planned?-N, 4,702ftKB

|                                             |               |                           |         |                      |        |                                |            |                         |                       |                       |  |
|---------------------------------------------|---------------|---------------------------|---------|----------------------|--------|--------------------------------|------------|-------------------------|-----------------------|-----------------------|--|
| Casing Description<br>Intermediate Casing 1 |               | Wellbore<br>Original Hole |         | Run Date<br>2/6/2016 |        | Set Depth (MD) (ftKB)<br>4,702 |            | Stick Up (ftKB)<br>96.7 |                       | Set Tension (kips)    |  |
| Centralizers<br>31                          |               |                           |         |                      |        | Scratchers                     |            |                         |                       |                       |  |
| Jts                                         | Item Des      | OD (in)                   | ID (in) | Wt (lb/ft)           | Grade  | Top Conn Sz (in)               | Top Thread | Len (ft)                | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |  |
| 2                                           | Casing Joint  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 84.30                   | -97                   | -12                   |  |
| 1                                           | Landing Joint | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 41.83                   | -12                   | 29                    |  |
| 1                                           | Hanger Pup    | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 5.98                    | 29                    | 35                    |  |
| 109                                         | Casing Joint  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 4,588.25                | 35                    | 4,624                 |  |
| 1                                           | Float Collar  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 1.49                    | 4,624                 | 4,625                 |  |
| 2                                           | Casing Joint  | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 75.27                   | 4,625                 | 4,700                 |  |
| 1                                           | Float Shoe    | 9 5/8                     | 8.844   | 40.00                | HCK-55 |                                | LT&C       | 1.63                    | 4,700                 | 4,702                 |  |

## Production Casing, Planned?-N, 13,832ftKB

|                                         |               |                 |         |                       |       |                                 |            |                        |                       |                       |  |
|-----------------------------------------|---------------|-----------------|---------|-----------------------|-------|---------------------------------|------------|------------------------|-----------------------|-----------------------|--|
| Casing Description<br>Production Casing |               | Wellbore<br>ST1 |         | Run Date<br>2/19/2016 |       | Set Depth (MD) (ftKB)<br>13,832 |            | Stick Up (ftKB)<br>6.3 |                       | Set Tension (kips)    |  |
| Centralizers<br>101                     |               |                 |         |                       |       | Scratchers                      |            |                        |                       |                       |  |
| Jts                                     | Item Des      | OD (in)         | ID (in) | Wt (lb/ft)            | Grade | Top Conn Sz (in)                | Top Thread | Len (ft)               | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |  |
| 3                                       | Pup Joint     | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |  |
| 2                                       | Marker Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |  |
| 47                                      | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |  |
| 1                                       | BAD           | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 0.00                   | -6                    | -6                    |  |
| 1                                       | Landing Joint | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 38.17                  | -6                    | 32                    |  |
| 1                                       | Hanger        | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 2.08                   | 32                    | 34                    |  |
| 1                                       | Pup Joint     | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 4.68                   | 34                    | 39                    |  |
| 25                                      | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 1,022.65               | 39                    | 1,061                 |  |
| 184                                     | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 7,458.42               | 1,061                 | 8,520                 |  |
| 1                                       | Marker Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 5.48                   | 8,520                 | 8,525                 |  |
| 127                                     | Casing Joint  | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 5,139.99               | 8,525                 | 13,665                |  |
| 1                                       | Pup Joint     | 5 1/2           | 4.781   | 20.00                 | P-110 |                                 | TXP BTC    | 10.15                  | 13,665                | 13,675                |  |





# Cement Summary

Cement Plug

|                                            |                               |                                               |  |                               |  |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|--|-------------------------------|--|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             |  | Field Name<br>WILDCAT (HOBBS) |  | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |  |                               |  | Mud Line Elevation (ft)        | Water Depth (ft) |

| Jts | Item Des       | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|----------------|---------|---------|------------|-------|------------------|------------|----------|-----------------------|-----------------------|
| 1   | RSI Tool       | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 6.66     | 13,675                | 13,682                |
| 1   | Pup Joint      | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.12    | 13,682                | 13,692                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 40.56    | 13,692                | 13,733                |
| 1   | Pup Joint      | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.41    | 13,733                | 13,743                |
| 1   | Landing Collar | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 1.48     | 13,743                | 13,745                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 41.21    | 13,745                | 13,786                |
| 1   | Float Collar   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.46     | 13,786                | 13,788                |
| 1   | XRV Tool       | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.14     | 13,788                | 13,790                |
| 1   | Casing Joint   | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 38.89    | 13,790                | 13,829                |
| 1   | Float Shoe     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.70     | 13,829                | 13,832                |

## Cement Plug, Plug, 2/12/2016 17:00

|                                   |  |                                 |  |                           |  |
|-----------------------------------|--|---------------------------------|--|---------------------------|--|
| Cementing Start Date<br>2/12/2016 |  | Cementing End Date<br>2/12/2016 |  | Wellbore<br>Original Hole |  |
| Evaluation Method<br>Tagged       |  | Cement Evaluation Results       |  |                           |  |
| Comment                           |  |                                 |  |                           |  |

## 1, 8,337.0-9,357.0ftKB

|                                  |                                  |                                  |                                    |                          |                   |
|----------------------------------|----------------------------------|----------------------------------|------------------------------------|--------------------------|-------------------|
| Top Depth (ftKB)<br>8,337.0      | Bottom Depth (ftKB)<br>9,357.0   | Full Return?<br>N                | Vol Cement Ret (bbl)<br>N          | Top Plug?<br>N           | Bottom Plug?<br>N |
| Initial Pump Rate (bbl/min)<br>5 | Final Pump Rate (bbl/min)<br>5   | Avg Pump Rate (bbl/min)<br>5     | Final Pump Pressure (psi)<br>115.0 | Plug Bump Pressure (psi) |                   |
| Pipe Reciprocated?<br>N          | Reciprocation Stroke Length (ft) | Reciprocation Rate (spm)         | Pipe Rotated?<br>N                 | Pipe RPM (rpm)           |                   |
| Depth Tagged (MD) (ftKB)         | Tag Method                       | Depth Plug Drilled Out To (ftKB) | Drill Out Diameter (in)            | Drill Out Date           |                   |

## Spacer

|                                 |                                          |                           |                               |                                |
|---------------------------------|------------------------------------------|---------------------------|-------------------------------|--------------------------------|
| Fluid Type<br>Spacer            | Fluid Description<br>CW100               | Quantity (sacks)          | Class                         | Volume Pumped (bbl)<br>30.0    |
| Estimated Top (ftKB)<br>8,337.0 | Estimated Bottom Depth (ftKB)<br>8,337.0 | Percent Excess Pumped (%) | Yield (ft <sup>3</sup> /sack) | Fluid Mix Ratio (gal/sack)     |
| Free Water (%)                  | Density (lb/gal)<br>8.33                 | Zero Gel Time (min)       | Thickening Time (hr)          | 1st Compressive Strength (psi) |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

## Tail

|                                 |                                          |                                   |                                       |                                    |
|---------------------------------|------------------------------------------|-----------------------------------|---------------------------------------|------------------------------------|
| Fluid Type<br>Tail              | Fluid Description<br>Plug slurry         | Quantity (sacks)<br>355           | Class                                 | Volume Pumped (bbl)<br>61.3        |
| Estimated Top (ftKB)<br>8,337.0 | Estimated Bottom Depth (ftKB)<br>9,357.0 | Percent Excess Pumped (%)<br>15.0 | Yield (ft <sup>3</sup> /sack)<br>0.97 | Fluid Mix Ratio (gal/sack)<br>3.59 |
| Free Water (%)                  | Density (lb/gal)<br>17.20                | Zero Gel Time (min)               | Thickening Time (hr)                  | 1st Compressive Strength (psi)     |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |





# Cement Summary

Production Casing Cement

|                                            |                               |                                               |  |                               |  |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|--|-------------------------------|--|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             |  | Field Name<br>WILDCAT (HOBBS) |  | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |  |                               |  | Mud Line Elevation (ft)        | Water Depth (ft) |

## Original Hole

|                                |  |                                |  |                                      |                |                                          |  |
|--------------------------------|--|--------------------------------|--|--------------------------------------|----------------|------------------------------------------|--|
| Wellbore Name<br>Original Hole |  | Directional Type<br>Horizontal |  | Min Kick Off Depth (ftKB)<br>8,782.0 |                | Vertical Section Direction (*)<br>171.01 |  |
| Hole Size (in)                 |  | Act Top (ftKB)                 |  |                                      | Act Btm (ftKB) |                                          |  |
| 17 1/2                         |  | 32.6                           |  |                                      | 864.0          |                                          |  |
| 12 1/4                         |  | 864.0                          |  |                                      | 4,710.0        |                                          |  |
| 8 3/4                          |  | 4,710.0                        |  |                                      | 8,682.0        |                                          |  |

## ST1

|                      |                                |                                      |                                          |
|----------------------|--------------------------------|--------------------------------------|------------------------------------------|
| Wellbore Name<br>ST1 | Directional Type<br>Horizontal | Min Kick Off Depth (ftKB)<br>8,682.0 | Vertical Section Direction (*)<br>171.01 |
| Hole Size (in)       | Act Top (ftKB)                 |                                      | Act Btm (ftKB)                           |
| 8 3/4                | 8,660.0                        |                                      | 13,846.0                                 |

## Multi-bowl, FMC on 2/3/2016 01:00

|                        |      |       |          |                          |    |  |  |
|------------------------|------|-------|----------|--------------------------|----|--|--|
| Sub-Type<br>Multi-bowl |      |       |          | Install Date<br>2/3/2016 |    |  |  |
| Des                    | Make | Model | WP (psi) | Service                  | SN |  |  |
|                        |      |       |          |                          |    |  |  |

## Surface, Planned?-N, 854ftKB

|                               |                           |                      |                              |                        |                    |
|-------------------------------|---------------------------|----------------------|------------------------------|------------------------|--------------------|
| Casing Description<br>Surface | Wellbore<br>Original Hole | Run Date<br>2/2/2016 | Set Depth (MD) (ftKB)<br>854 | Stick Up (ftKB)<br>3.7 | Set Tension (kips) |
| Centralizers<br>9             |                           |                      | Scratchers                   |                        |                    |

| Jts | Item Des      | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|---------------|---------|---------|------------|-------|------------------|------------|----------|-----------------------|-----------------------|
| 1   | Casing Joint  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 0.00     | -4                    | -4                    |
| 1   | Landing Joint | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 38.53    | -4                    | 35                    |
| 1   | Wellhead      | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 2.86     | 35                    | 38                    |
| 1   | Pup Joint     | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 3.40     | 38                    | 41                    |
| 18  | Casing Joint  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 769.12   | 41                    | 810                   |
| 1   | Float Collar  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 1.38     | 810                   | 812                   |
| 1   | Casing Joint  | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 40.65    | 812                   | 852                   |
| 1   | Guide Shoe    | 13 3/8  | 12.615  | 54.50      | J-55  |                  |            | 1.78     | 852                   | 854                   |

## Intermediate Casing 1, Planned?-N, 4,702ftKB

|                                             |                           |                      |                                |                         |                    |
|---------------------------------------------|---------------------------|----------------------|--------------------------------|-------------------------|--------------------|
| Casing Description<br>Intermediate Casing 1 | Wellbore<br>Original Hole | Run Date<br>2/6/2016 | Set Depth (MD) (ftKB)<br>4,702 | Stick Up (ftKB)<br>96.7 | Set Tension (kips) |
| Centralizers<br>31                          |                           |                      | Scratchers                     |                         |                    |

| Jts | Item Des      | OD (in) | ID (in) | Wt (lb/ft) | Grade  | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|---------------|---------|---------|------------|--------|------------------|------------|----------|-----------------------|-----------------------|
| 2   | Casing Joint  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 84.30    | -97                   | -12                   |
| 1   | Landing Joint | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 41.83    | -12                   | 29                    |
| 1   | Hanger Pup    | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 5.98     | 29                    | 35                    |
| 109 | Casing Joint  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 4,588.25 | 35                    | 4,624                 |
| 1   | Float Collar  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 1.49     | 4,624                 | 4,625                 |
| 2   | Casing Joint  | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 75.27    | 4,625                 | 4,700                 |
| 1   | Float Shoe    | 9 5/8   | 8.844   | 40.00      | HCK-55 |                  | LT&C       | 1.63     | 4,700                 | 4,702                 |

## Production Casing, Planned?-N, 13,832ftKB

|                                         |                 |                       |                                 |                        |                    |
|-----------------------------------------|-----------------|-----------------------|---------------------------------|------------------------|--------------------|
| Casing Description<br>Production Casing | Wellbore<br>ST1 | Run Date<br>2/19/2016 | Set Depth (MD) (ftKB)<br>13,832 | Stick Up (ftKB)<br>6.3 | Set Tension (kips) |
| Centralizers<br>101                     |                 |                       | Scratchers                      |                        |                    |

| Jts | Item Des      | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Conn Sz (in) | Top Thread | Len (ft) | Top Depth (MD) (ftKB) | Btm Depth (MD) (ftKB) |
|-----|---------------|---------|---------|------------|-------|------------------|------------|----------|-----------------------|-----------------------|
| 3   | Pup Joint     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 2   | Marker Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 47  | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 1   | BAD           | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 0.00     | -6                    | -6                    |
| 1   | Landing Joint | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 38.17    | -6                    | 32                    |
| 1   | Hanger        | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 2.08     | 32                    | 34                    |
| 1   | Pup Joint     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 4.68     | 34                    | 39                    |
| 25  | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 1,022.65 | 39                    | 1,061                 |
| 184 | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 7,458.42 | 1,061                 | 8,520                 |
| 1   | Marker Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 5.48     | 8,520                 | 8,525                 |
| 127 | Casing Joint  | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 5,139.99 | 8,525                 | 13,665                |
| 1   | Pup Joint     | 5 1/2   | 4.781   | 20.00      | P-110 |                  | TXP BTC    | 10.15    | 13,665                | 13,675                |









# Cement Summary

Production Casing Cement

|                                            |                               |                                               |                               |                                |                  |
|--------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------------|--------------------------------|------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H |                               | Lease<br>Salado Draw EA 19 Fed P6             | Field Name<br>WILDCAT (HOBBS) | Business Unit<br>Mid-Continent |                  |
| Ground Elevation (ft)<br>3,206.00          | Original RKB (ft)<br>3,238.60 | Current RKB Elevation<br>3,238.60, 12/15/2015 |                               | Mud Line Elevation (ft)        | Water Depth (ft) |

## Lead

|                                 |                                                                                                                    |                                   |                          |                                     |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------|-------------------------------------|
| Fluid Type<br>Lead              | Fluid Description<br>50:50 Poz/H + .2% D046 +<br>6.5% D020 + 8% D154 + .2%<br>D065 + 2lb/sk B288 + 2 lb/sk<br>B289 | Quantity (sacks)<br>652           | Class<br>H               | Volume Pumped (bbl)<br>313.5        |
| Estimated Top (ftKB)<br>3,900.0 | Estimated Bottom Depth (ftKB)<br>8,782.0                                                                           | Percent Excess Pumped (%)<br>50.0 | Yield (ft³/sack)<br>2.70 | Fluid Mix Ratio (gal/sack)<br>15.77 |
| Free Water (%)                  | Density (lb/gal)<br>11.50                                                                                          | Zero Gel Time (min)               | Thickening Time (hr)     | 1st Compressive Strength (psi)      |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

## Lead

|                                 |                                                                                                  |                                   |                          |                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------|------------------------------------|
| Fluid Type<br>Lead              | Fluid Description<br>TXI + 4% D020 + .2% D046<br>+ .2% D065 + .5% D112 + .4%<br>D013 + .08% D208 | Quantity (sacks)<br>883           | Class<br>H               | Volume Pumped (bbl)<br>254.7       |
| Estimated Top (ftKB)<br>8,782.0 | Estimated Bottom Depth (ftKB)<br>12,975.0                                                        | Percent Excess Pumped (%)<br>35.0 | Yield (ft³/sack)<br>1.62 | Fluid Mix Ratio (gal/sack)<br>8.70 |
| Free Water (%)                  | Density (lb/gal)<br>12.50                                                                        | Zero Gel Time (min)               | Thickening Time (hr)     | 1st Compressive Strength (psi)     |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

## Tail

|                                  |                                                                                                     |                                  |                          |                                    |
|----------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------|--------------------------|------------------------------------|
| Fluid Type<br>Tail               | Fluid Description<br>Class H + 2% D046 + .2%<br>D065 + .4% D167 + .2% D800<br>+ 75% D151 + .1% D208 | Quantity (sacks)<br>120          | Class<br>H               | Volume Pumped (bbl)<br>46.6        |
| Estimated Top (ftKB)<br>12,975.0 | Estimated Bottom Depth (ftKB)<br>13,832.0                                                           | Percent Excess Pumped (%)<br>0.0 | Yield (ft³/sack)<br>2.18 | Fluid Mix Ratio (gal/sack)<br>9.58 |
| Free Water (%)                   | Density (lb/gal)<br>15.00                                                                           | Zero Gel Time (min)              | Thickening Time (hr)     | 1st Compressive Strength (psi)     |

## Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
|     |      |      |

## Displacement

|                            |                                                         |                           |                      |                                    |
|----------------------------|---------------------------------------------------------|---------------------------|----------------------|------------------------------------|
| Fluid Type<br>Displacement | Fluid Description<br>20 bbls Acetic Acid<br>285 bbls FW | Quantity (sacks)          | Class                | Volume Pumped (bbl)<br>305.0       |
| Estimated Top (ftKB)       | Estimated Bottom Depth (ftKB)                           | Percent Excess Pumped (%) | Yield (ft³/sack)     | Fluid Mix Ratio (gal/sack)<br>8.33 |
| Free Water (%)             | Density (lb/gal)<br>8.33                                | Zero Gel Time (min)       | Thickening Time (hr) | 1st Compressive Strength (psi)     |

## Cement Fluid Additives

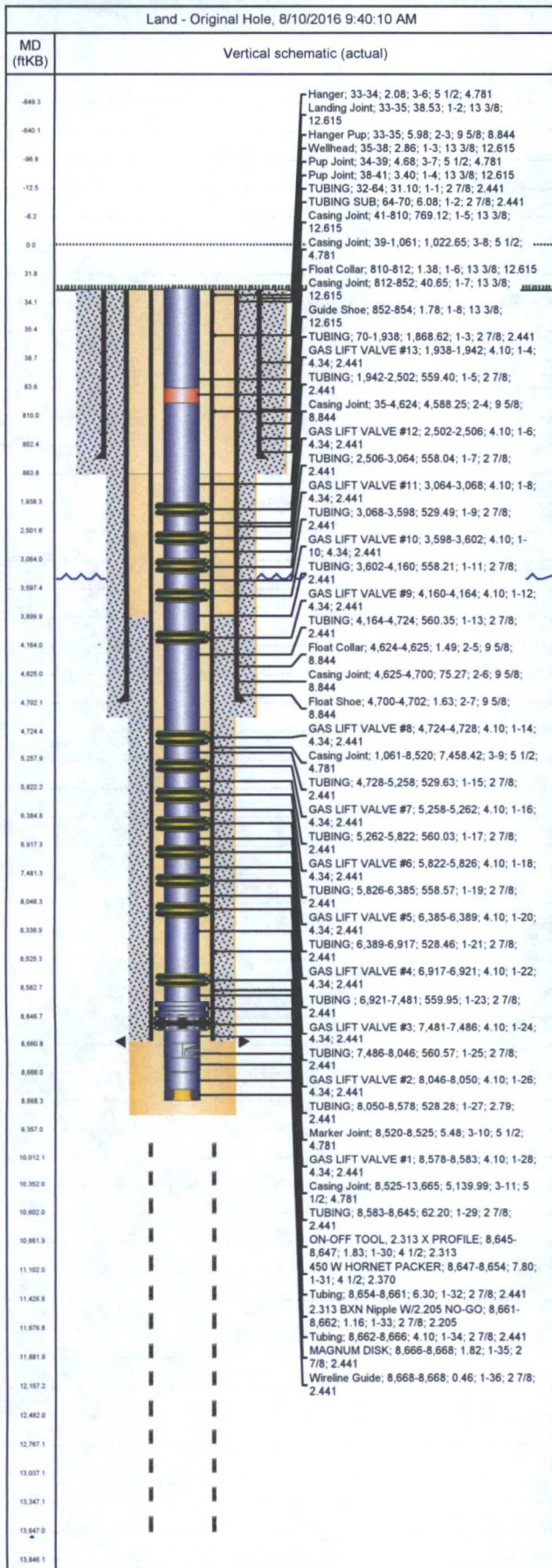
| Add | Type | Conc |
|-----|------|------|
|     |      |      |





# Wellbore Schematic

|                                            |                                   |                               |                                |
|--------------------------------------------|-----------------------------------|-------------------------------|--------------------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H | Lease<br>Salado Draw EA 19 Fed P6 | Field Name<br>WILDCAT (HOBBS) | Business Unit<br>Mid-Continent |
|--------------------------------------------|-----------------------------------|-------------------------------|--------------------------------|



| Job Details                                               |            |                |                      |                    |                         |                       |
|-----------------------------------------------------------|------------|----------------|----------------------|--------------------|-------------------------|-----------------------|
| Job Category                                              |            |                | Start Date           |                    | Rig/Unit End Date       |                       |
| Completion                                                |            |                | 4/20/2016            |                    | 6/13/2016               |                       |
| Completion                                                |            |                | 6/9/2016             |                    |                         |                       |
| Casing Strings                                            |            |                |                      |                    |                         |                       |
| Csg Des                                                   | OD (in)    | Wt/Len (lb/ft) | Grade                | Top Thread         | Set Depth (MD) (ftKB)   |                       |
| Surface                                                   | 13 3/8     | 54.50          | J-55                 |                    | 854                     |                       |
| Intermediate Casing 1                                     | 9 5/8      | 40.00          | HCK-55               | LT&C               | 4,702                   |                       |
| Production Casing                                         | 5 1/2      | 20.00          | P-110                | TXP BTC            | 13,832                  |                       |
| Tubing Strings                                            |            |                |                      |                    |                         |                       |
| Tubing - Production set at 8,668.3ftKB on 6/10/2016 14:00 |            |                |                      |                    |                         |                       |
| Tubing Description                                        |            | Run Date       |                      | String Length (ft) |                         | Set Depth (MD) (ftKB) |
| Tubing - Production                                       |            | 6/10/2016      |                      | 8,635.75           |                         | 8,668.3               |
| Item Des                                                  | Jts        | OD (in)        | Wt (lb/ft)           | Grade              | Len (ft)                | Btm (ftKB)            |
| TUBING                                                    | 1          | 2 7/8          | 6.50                 | L-80               | 31.10                   | 63.6                  |
| TUBING SUB                                                | 1          | 2 7/8          | 6.50                 | L-80               | 6.08                    | 69.7                  |
| TUBING                                                    | 60         | 2 7/8          | 6.50                 | L-80               | 1,868.62                | 1,938.3               |
| GAS LIFT VALVE #13                                        | 1          | 4.335          |                      |                    | 4.10                    | 1,942.4               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 559.40                  | 2,501.8               |
| GAS LIFT VALVE #12                                        | 1          | 4.335          |                      |                    | 4.10                    | 2,505.9               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 558.04                  | 3,063.9               |
| GAS LIFT VALVE #11                                        | 1          | 4.335          |                      |                    | 4.10                    | 3,068.0               |
| TUBING                                                    | 17         | 2 7/8          | 6.50                 | L-80               | 529.49                  | 3,597.5               |
| GAS LIFT VALVE #10                                        | 1          | 4.335          |                      |                    | 4.10                    | 3,601.6               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 558.21                  | 4,159.8               |
| GAS LIFT VALVE #9                                         | 1          | 4.335          |                      |                    | 4.10                    | 4,163.9               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 560.35                  | 4,724.3               |
| GAS LIFT VALVE #8                                         | 1          | 4.335          |                      |                    | 4.10                    | 4,728.4               |
| TUBING                                                    | 17         | 2 7/8          | 6.50                 | L-80               | 529.63                  | 5,258.0               |
| GAS LIFT VALVE #7                                         | 1          | 4.335          |                      |                    | 4.10                    | 5,262.1               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 560.03                  | 5,822.2               |
| GAS LIFT VALVE #6                                         | 1          | 4.335          |                      |                    | 4.10                    | 5,826.3               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 558.57                  | 6,384.8               |
| GAS LIFT VALVE #5                                         | 1          | 4.335          |                      |                    | 4.10                    | 6,388.9               |
| TUBING                                                    | 17         | 2 7/8          | 6.50                 | L-80               | 528.46                  | 6,917.4               |
| GAS LIFT VALVE #4                                         | 1          | 4.335          |                      |                    | 4.10                    | 6,921.5               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 559.95                  | 7,481.4               |
| GAS LIFT VALVE #3                                         | 1          | 4.335          |                      |                    | 4.10                    | 7,485.5               |
| TUBING                                                    | 18         | 2 7/8          | 6.50                 | L-80               | 560.57                  | 8,046.1               |
| GAS LIFT VALVE #2                                         | 1          | 4.335          |                      |                    | 4.10                    | 8,050.2               |
| TUBING                                                    | 17         | 2.785          | 6.50                 | L-80               | 528.28                  | 8,578.5               |
| GAS LIFT VALVE #1                                         | 1          | 4.335          |                      |                    | 4.10                    | 8,582.6               |
| TUBING                                                    | 2          | 2 7/8          | 6.50                 | L-80               | 62.20                   | 8,644.8               |
| ON-OFF TOOL, 2.313 X PROFILE                              | 1          | 4 1/2          |                      |                    | 1.83                    | 8,646.6               |
| 450 W HORNET PACKER                                       | 1          | 4 1/2          |                      |                    | 7.80                    | 8,654.4               |
| Tubing                                                    | 1          | 2 7/8          | 6.50                 | L-80               | 6.30                    | 8,660.7               |
| 2.313 BXN Nipple W/2.205 NO-GO                            | 1          | 2 7/8          |                      |                    | 1.16                    | 8,661.9               |
| Tubing                                                    | 1          | 2 7/8          | 6.50                 | L-80               | 4.10                    | 8,666.0               |
| MAGNUM DISK                                               | 1          | 2 7/8          |                      |                    | 1.82                    | 8,667.8               |
| Wireline Guide                                            | 1          | 2 7/8          |                      |                    | 0.46                    | 8,668.3               |
| Perforations                                              |            |                |                      |                    |                         |                       |
| Date                                                      | Top (ftKB) | Btm (ftKB)     | Shot Dens (shots/ft) | Entered Shot Total | Linked Zone             |                       |
| 5/15/2016                                                 | 9,710.0    | 9,711.0        | 6.0                  | 6                  | Upper Avalon Shale, ST1 |                       |
| 5/15/2016                                                 | 9,825.0    | 9,826.0        | 6.0                  | 6                  | Upper Avalon Shale, ST1 |                       |
| 5/15/2016                                                 | 9,895.0    | 9,897.0        | 6.0                  | 12                 | Upper Avalon Shale, ST1 |                       |
| 5/15/2016                                                 | 9,955.0    | 9,957.0        | 6.0                  | 12                 | Upper Avalon Shale, ST1 |                       |
| 5/15/2016                                                 | 10,010.0   | 10,012.0       | 6.0                  | 12                 | Upper Avalon Shale, ST1 |                       |
| 5/15/2016                                                 | 10,085.0   | 10,086.0       | 6.0                  | 6                  | Upper Avalon Shale, ST1 |                       |

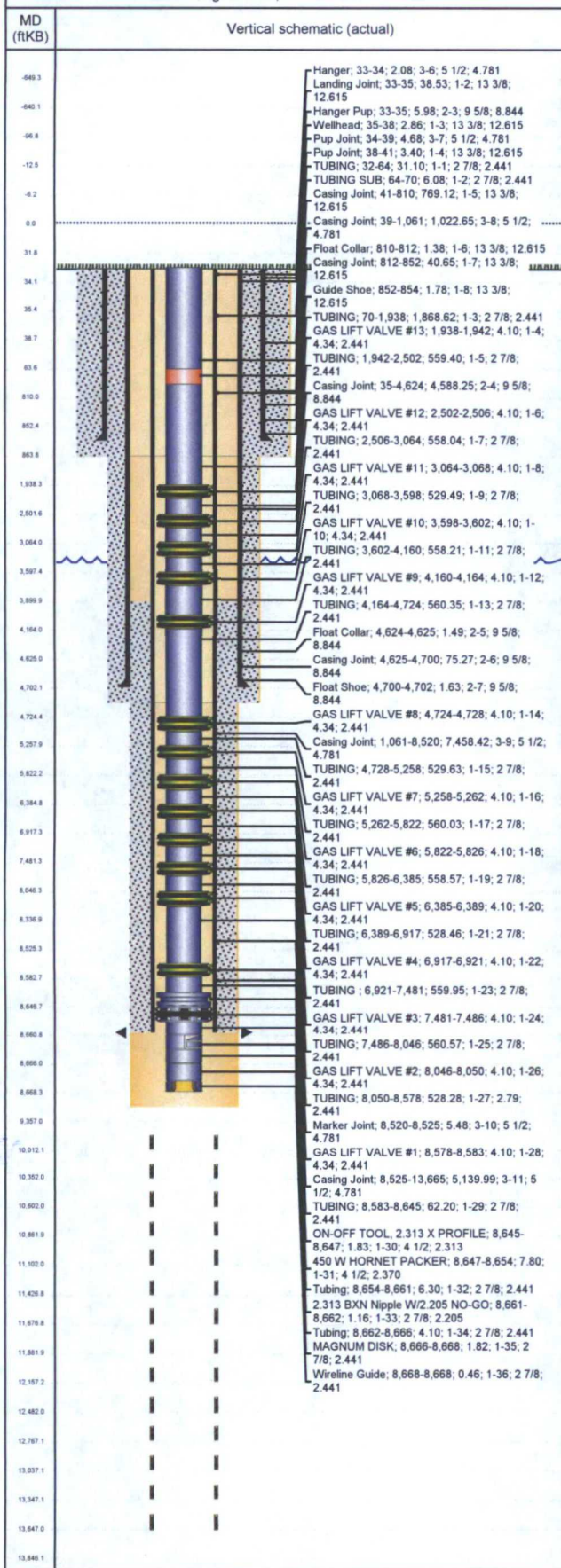




# Wellbore Schematic

|                                            |                                   |                               |                                |
|--------------------------------------------|-----------------------------------|-------------------------------|--------------------------------|
| Well Name<br>SALADO DRAW EA 19 FED P6 007H | Lease<br>Salado Draw EA 19 Fed P6 | Field Name<br>WILDCAT (HOBBS) | Business Unit<br>Mid-Continent |
|--------------------------------------------|-----------------------------------|-------------------------------|--------------------------------|

Land - Original Hole, 8/10/2016 9:40:11 AM



## Perforations

| Date      | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Entered Shot Total | Linked Zone             |
|-----------|------------|------------|----------------------|--------------------|-------------------------|
| 5/15/2016 | 10,140.0   | 10,141.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/15/2016 | 10,220.0   | 10,222.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/15/2016 | 10,295.0   | 10,297.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/15/2016 | 10,346.0   | 10,348.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/14/2016 | 10,435.0   | 10,436.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/14/2016 | 10,480.0   | 10,481.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/14/2016 | 10,510.0   | 10,512.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/14/2016 | 10,570.0   | 10,572.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/14/2016 | 10,600.0   | 10,602.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/13/2016 | 10,690.0   | 10,691.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/13/2016 | 10,725.0   | 10,726.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/13/2016 | 10,750.0   | 10,752.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/13/2016 | 10,830.0   | 10,832.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/13/2016 | 10,860.0   | 10,862.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/13/2016 | 10,950.0   | 10,951.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/13/2016 | 10,975.0   | 10,976.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/13/2016 | 11,005.0   | 11,007.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/13/2016 | 11,050.0   | 11,052.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/13/2016 | 11,100.0   | 11,102.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/12/2016 | 11,175.0   | 11,176.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/12/2016 | 11,225.0   | 11,226.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/12/2016 | 11,305.0   | 11,307.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/12/2016 | 11,375.0   | 11,377.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/12/2016 | 11,425.0   | 11,427.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,490.0   | 11,491.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,520.0   | 11,521.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,560.0   | 11,562.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,642.0   | 11,644.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,675.0   | 11,677.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,735.0   | 11,736.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,760.0   | 11,761.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,795.0   | 11,797.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,820.0   | 11,822.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/11/2016 | 11,880.0   | 11,882.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/10/2016 | 11,942.0   | 11,943.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/10/2016 | 12,025.0   | 12,026.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/10/2016 | 12,085.0   | 12,087.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/10/2016 | 12,120.0   | 12,122.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/10/2016 | 12,155.0   | 12,157.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,260.0   | 12,261.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,302.0   | 12,303.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,350.0   | 12,352.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,400.0   | 12,402.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,475.0   |            | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,525.0   | 12,526.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,578.0   | 12,579.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,660.0   | 12,662.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,730.0   | 12,732.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/9/2016  | 12,765.0   | 12,767.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/8/2016  | 12,810.0   | 12,811.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/8/2016  | 12,850.0   | 12,851.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/8/2016  | 12,915.0   | 12,917.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/8/2016  | 12,975.0   | 12,977.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/8/2016  | 13,035.0   | 13,037.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/7/2016  | 13,085.0   | 13,086.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/7/2016  | 13,125.0   | 13,126.0   | 6.0                  | 6                  | Upper Avalon Shale, ST1 |
| 5/7/2016  | 13,185.0   | 13,187.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |
| 5/7/2016  | 13,220.0   | 13,222.0   | 6.0                  | 12                 | Upper Avalon Shale, ST1 |



