Form 3160-5
(June 2015)

HOBBS OCD
DEC 27 2016
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Hobbs

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**

***Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***

***SUBMIT IN TRIPLICATE - Other instructions on page 2***

5. Lease Serial No.
NMNM118722

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
SD WE 14 FEDERAL P 5 1H

2. Name of Operator
CHEVRON USA INCORPORATED
Contact: DENISE PINKERTON
E-Mail: leakejd@chevron.com

9. API Well No.
30-025-42800-00-X1

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-687-7375

10. Field and Pool or Exploratory Area
JENNINGS-UPPER BONE SPRING SH

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 14 T26S R32E SWSW 10FSL 623FWL

11. County or Parish, State
LEA COUNTY, NM

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| ☐ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☒ Subsequent Report | ☐ Alter Casing | ☐ Hydraulic Fracturing | ☐ Reclamation | ☐ Well Integrity |
| ☐ Final Abandonment Notice | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other Production Start-up |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| | ☐ Convert to Injection | ☐ Plug Back | ☐ 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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Does not meet COAs

COMPLETION REPORT FOR NEW DRILL:
08/19/2016: MIRU.
08/22/2016: RAN CBL. LOG 9188-SURFACE. ETOC @ 5068'. TEST PROD CSG TO 9500PSI FOR 30 MINS. ESTAB INJECTION. 5MIN ISIP- 1380PSI.

08/23/2016 THROUGH 09/06/2016: PERF 23 STAGES: 9141 - 13,701'. FRAC W/TOTAL SAND: 6,422,418 LBS.
***DETAILED PERF & FRAC REPORT ATTACHED***

09/16/2016: SET PKR @ 8580'.

09/19/2016: TEST BOP BLIND RAMS & PIPE RAMS TO 250L/4500H FOR 5 MINS. GOOD. TEST ANNULAR 250L/3500H. GOOD.

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

**Electronic Submission #358725 verified by the BLM Well Information System**
**For CHEVRON USA INCORPORATED, sent to the Hobbs**
**Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/13/2016 (17JAS0093SE)**

Name *(Printed/Typed)* DENISE PINKERTON — Title PERMITTING SPECIALIST

Signature (Electronic Submission) — Date 11/22/2016

ACCEPTED FOR RECORD
DEC 14 2016
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____ Title _____ Date _____

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

Office

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

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

## Additional data for EC transaction #358725 that would not fit on the form

**32. Additional remarks, continued**

09/20/2016: SET 2 7/8" TBG @ 8608'. TAG PKR @ 8568', SPACE OUT & SET TBG IN SLIPS.

09/21/2016: TEST PRODUCTION TREE TO 10,000PSI FOR 15 MINS. GOOD.
RELEASE RIG.

11/10/2016: ON 24 HR OPT. FLOWING 628 OIL, 1200 GAS, & 1161 WATER.
GOR - 1911. TBG - 1153PSI. CSG - 0PSI. CHOKE - 28/64. TOC - 5068'.

## SD WE 14 P5 #001H

**PERF & FRAC INFORMATION**

**STAGE 1: 13701, 13661, 13621, 13581, 13541**
6 spf, .41 dia hole.
**PUMP STAGE 1:**
Sand in formation 280,250 lbs 99% Prime up & test lines to 9500psi.
Equalize/open well @ 1208 psi. Avg Rate 84.9 bpm. Avg press:5510 psi.
Max Rate: 85.5 bpm Max Press:8914 psi. ISIP:1730 psi
Pump Time mins Total clean fluid 7876 bbls Total slurry volume 8178 bbls
Sand pumped: Sand 100 – 89,625 lbs Sand 40/70 – 189,122 lbs TOTAL:278,747 lbs

**STAGE 2: 13501, 13461, 13421, 13381, 13341**
6 jspf, .41 dia hole. Total bbls pmpd: 301 bbls, max pressure 2330 psi
**PUMP STAGE 2:**
Sand in formation 280,250 lbs: 100% Test lines to 9500 psi.
Equalize/open well @ 1351 psi. Avg Rate: 80.2 bpm Avg Pressure 5700 psi
Max rate: 80.4 bpm Max Pressure 7961 psi ISIP 2001 psi
Pump Time: mins. Total clean fluid:7611 bbls Total Slurry volume:7817 bbls
Sand pumped: Sand 100 – 91,275 lbs, Sand 40/70: 189,625 lbs TOTAL: 280,900 lbs

**STAGE 3: 13301, 13261, 13221, 13181, 13141**
6 jspf, .41 dia hole. Total bbls pmpd: 301 bbls. Max pressure: 2344 psi
**PUMP STAGE 3**
Sand in formation 280,250 lbs, 99% Prime up & test lines to 9500psi.
Equalize/open well @ 1331 psi. Ave Rate: 81.1 bpm Ave Pressure: 5921 psi
Max Rate:81.5 bpm, Max Pressure: 7681 psi. ISIP: 2190 psi.
Pump Time: mins. Total clean fluid: 7659 bbls. Total slurry volume:7862 bbls
Sand Pumped: Sand 100 –91,614 lbs, Sand 40/70: 187,058 lbs. TOTAL: 278,672 lbs

**STAGE 4: 13101, 13061, 13021, 12981, 12941**
6 JSPF, .41 dia hole. Max press of 2962 psi w/272 bbls pumped.
**PUMP STAGE 4:**
Sand in formation 280,250 lbs, 100% Prime up & test lines to 9500 psi.
Equalize/open well @ 1430 psi. Avg Rate: 84.7 bpm, Avg Pressure: 6574 psi.
Max Rate: 85.7 bpm, Max Pressure: 8939 psi. ISIP:2147 psi.
Pump Time: mins. Total clean fluid: 7736 bbls, Total slurry volume: 7941 bbls
Sand pumped: Sand 100: 91,916 lbs, Sand 40/70L 188,807 lbs, TOTAL: 280,723 lbs

**STAGE 5: 12901, 12861, 12821, 12781, 12741**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. . Max pressure of 2836 psi w/327 bbls pumped.
**PUMP STAGE 5:**
Sand in formation: 280,250 lbs, 100%, Prime up & test lines to 9500psi.
Equalize/open well @1587 psi. Ave Rate: 80.1 bpm, Avg pressure:6081 psi
Max Rate:80.5 bpm, Max Pressure: 7735 psi. ISIP: 2198 psi.
Pump Time: mins. Total clean fluid:7660 bbls, Total Slurry volume:7864 bbls
Sand pumped: Sand 100: 91,427 lbs, Sand 40/70: 188,292 lbs, TOTAL: 279,719 lbs

**STAGE 6: 12701, 12661, 12621, 12581, 12541**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max Pressure of 2913 psi w/255 bbls pumped.
**PUMP STAGE 6:**
Sand in formation: 280,250 lbs, 100%. Prime up & test lines to 9500 psi.
Equalize/open well @ 1614 psi. Ave Rate:85.1 bpm, Ave Pressure: 5656 psi.
Max rate:86.0 bpm, Max Pressure:8374 psi. ISIP:2180 psi.
Pump time: mins. Total clean fluid: 7715 bbls, Total Slurry volume:7920 bbls
Sand pumped: sand 100: 90,904 lbs, sand 40/70: 188,910 lbs. TOTAL:279,814 lbs

**STAGE 7: 12501, 12461, 12421, 12381, 12341**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. . Max pressure of 2308 psi w/234 bbls pumped.
**PUMP STAGE 7:**
Sand in formation: 280,250 lbs,100 %, Prime up & test lines to 9500 psi.
Equalize/open hole @1599 psi. Ave rate:80.5 bpm, Ave Pressure:5472 psi
Max rate: 80.9 bpm, Max Pressure:7572 psi. ISIP: 2003 psi.
Pump time: mins. Total clean fluid:7520 bbls, Total slurry volume:7726 bbls.
Sand Pumped: Sand 100: 91,886 lbs, Sand 40/70: 188,904 lbs, TOTAL:280,790 lbs

**STAGE 8: 12301, 12231, 12221, 12181, 12141**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max pressure of 2230 psi w/234 bbls pumped.
**PUMP STAGE 8:**
Sand in formation: 280,250 lbs, 99%, Prime up & test lines to 9500 psi.
Equalize/open hole @ 1611 psi. Ave Rate: 80.3 bpm, Ave pressure: 5509 psi
Max Rate: 80.7 bpm, Max pressure: 7577 psi. ISIP: 2130 psi.
Pump time: mins. Total clean fluid: 7652 bbls, Total slurry volume: 7853 bbls
Sand pumped: Sand 100: 91,830 lbs, Sand 40/70: 184,393 lbs. TOTAL 276,223 lbs

**STAGE 9: 12101, 12061, 12021, 11981, 11941**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max pressure of 2393 psi w/211 bbls pumped.
**PUMP STAGE 9:**
Sand in Formation: 280,250 lbs, 100% Prime up & test lines to 9500 psi.
Equalize/open well @ 1630 psi. Ave Rate: 85.3 bpm, Ave Pressure: 6721 psi.
Max rate: 85.7 bpm, Max pressure: 8952 psi. ISIP: 2565 psi.
Pump time: mins. Total Clean fluid: 8325 bbls, Total slurry volume: 8531 bbls
Sand pumped: Sand 100: 89,818 lbs, Sand 40/70: 189,757 lbs. TOTAL: 279,575 lbs

**STAGE 10: 11901, 11861, 11821, 11781, 11741**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max press of 2671 psi w/254 bbls pumped.
**PUMP STAGE 10:**
Sand in formation: 280,250 lbs, 100% Prime up and test lines to 9500 psi.
Equalize/open well @ 1673 psi. Ave Rate: 80.6 bpm, Ave Pressure: 5219 psi.
Max Rate: 80.9 bpm, Max pressure: 7616 psi. ISIP: 2175 psi.
Pump time: mins. Total clean fluid: 7662 bbls, Total slurry volume: 7865 bbls
Sand pumped: Sand 100: 91,852 lbs, Sand 40/70: 187,550 lbs. TOTAL 279,402 lbs

**STAGE 11: 11701, 11661, 11621, 11581, 11541**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max Press 2452 psi w/185 bbls pumped.
**PUMP STAGE 11:**
Sand in formation: 280,250 lbs, 100%, Prime up and test lines to 9500 psi.
Equalize/open well @ 1642 psi. Ave Rate: 80.4 bpm. Ave Pressure: 5853 psi.
Max rate: 80.8 bpm, Max pressure: 8011 psi. ISIP: 2472 psi.
Pump time: mins. Total clean fluid: 7671 bbls, total slurry volume 7879 bbls.
Sand pumped: Sand 100: 89,722 lbs, Sand 40/70: 190,944lbs, TOTAL: 280,666 lbs

**STAGE 12: 11501, 11461, 11421, 11382, 11344**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max Pressure of 2782 psi w/223 bbls pmped.
**PUMP STAGE 12:**
Sand in formation: 280,250 lbs, 100% Prime up and test lines to 9500 psi.
Equalize/open well @ 1567 psi. Ave Rate: 81.0 bpm, Ave pressure: 5410 psi
Max rate: 81.7 bpm, Max pressure: 7994psi, ISIP: 1913 psi.
Pump time: 107 mins, Total clean fluid: 7500 bbls, Total slurry volume: 7703 bbls.
Sand pumped: Sand 100: 91865 lbs, Sand 40/70: 187,224 lbs, TOTAL: 279,089 lbs.

**STAGE 13: 11297, 11257, 11221, 11183, 11141**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max pressure of 3163 psi w/167 bbls pumped.
**PUMP STAGE 13:**
Sand in formation: 280,250 lbs, 100%, Prime up & test lines to 9500 psi.
Equalize/open well @ 1474 psi. Ave Rate: 80.5 bpm, Ave Pressure: 6231 psi.
Max Rate: 81.1 bpm, Max Pressure: 8290 psi. ISIP: 1832 psi.
Pump time: 107 mins. Total clean fluid: 7450 bbls, Total slurry volume: 7653 bbls.
Sand pumped: Sand 100: 92,153 lbs, Sand 40/70: 187,161 lbs TOTAL: 279,314 lbs

**STAGE 14: 11101, 11059, 11020, 10981, 10941**
6 JSPF, .41 dia hole. Pump down @ 15 bpm. Max press of 3695 psi w/186 bbls pumped.
**PUMP STAGE 14:**
Sand in formation: 280,250 lbs 100%. Prime up & test lines to 9500 psi.
Equalize/open hole W 1552 psi. Ave rate: 81.0 bpm, Ave Press: 5457 psi
Max Rate: 81.4 bpm, Max pressure: 7435 psi. ISIP: 2311 psi.
Pump time: 108 mins. Total clean fluid: 7507 bbls, Total slurry volume: 7713 bbls.
Sand pumped: Sand 100: 92,140 lbs, Sand 40/70: 189,475 lbs, TOTAL 281,615 lbs.

**STAGE 15: 10901, 10861, 10821, 10781, 10741**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max press 2835psi @ 140 bbls pumped.
**PUMP STAGE 15:**
Sand in formation: 280,250 lbs, 100%. Prime up & test lines to 9500 psi.
Equalize/open well @ 1652 psi. Ave Rate: 82.2 bpm, Ave Pressure: 5974 psi.
Max Rate: 85.4 bpm, Max pressure: 7662 psi, ISIP:2229 psi.
Pump time 104 mins, Total clean fluid: 7490 bbls, Total slurry volume: 7693 bbls
Sand pumped: Sand 100: 92,807 lbs, Sand 40/70: 187,497 lbs, TOTAL 280,304 lbs

**STAGE 16: 10701, 10661, 10621, 10581, 10541**
6 JSPF, .41 dia hole. Pump dn @ 15 bpm.
**PUMP STAGE 16:**
Sand in formation: 280,250 lbs, 101%, Prime up & test lines to 9500 psi.
Equalize/open well @ 1948 psi. Ave Rate: 80.5 bpm, Ave Press: 5217 psi.
Max rate: 80.9 bpm, Max Pressure: 7582 psi. ISIP: 2289 psi.
Pump time: 107 mins. Total clean fluid: 7478 bbls, Total Slurry volume: 7686 bbls.
Sand pumped: Sand 100: 91,793 lbs, Sand 40/70: 191,417 lbs, TOTAL 283,210 lbs

**STAGE 17: 10501, 10461, 10421, 10381, 10341**
**PUMP STAGE 17:**
Sand in formation: 280,250 lbs 100% Prime up & test lines to 9500 psi.
Equalize/open well @ 1681 psi. Ave Rate: 80.5 bpm, Avg Pressure: 5382 psi.
Max Rate: 81.3 bpm, Max pressure: 7902 psi. ISIP: 2182 psi.
Pump time 106 mins, Total clean fluid: 7221 bbls, Total slurry volume: 7426 bbls
Sand pump: Sand 100: 92,042 lbs, Sand 40/70: 188,498 lbs, TOTAL: 280,540 lbs

**STAGE 18: 10301, 10261, 10221, 10181, 10141**
6 JSPF, .41 dia hole. Pump dn @ 15 bpm. Max press of 2671 psi w/117 bbls pumped.
**PUMP STAGE 18:**
Sand in formation: 280,250 lbs 100% Prime up & test lines to 9500 psi.
Equalize/open well @ 1704 psi. Ave rate: 80.2 bpm, Avg Pressure: 5392 psi
Max rate: 80.9 bpm, Max Pressure: 7065 psi, ISIP: 2482 psi.
Pump time: 455 mins. Total clean fluid: 9515 bbls, Total slurry volume: 9719 bbls.
Sand pumped: Sand 100: 91,733 lbs, Sand 40/70: 187,917 lbs, TOTAL: 279,690 lbs

**STAGE 19: 10098, 10061, 10021, 9981, 9941**
6 JSPF, .41 dia hole. Pump dn @ 15 bpm. Max press 2819 psi w/98 bbls pumped.
**PUMP STAGE 19:**
Sand in formation: 280,250 lbs 100%, Prime up & test lines to 9500 psi.
Equalize/open well @ 1798 psi. Ave rate: 79.8 bpm, Ave pressure: 5329 psi.
Max rate: 82.9 bpm, Max pressure: 8095 psi. ISIP: 2310 psi.
Pump time: 110 mins. Total clean fluid: 7672 bbls, Total slurry volume: 7877 bbls.
Sand pumped: Sand 100: 91,851 lbs, Sand 40/70: 189,290 lbs, TOTAL: 281,141 lbs

**STAGE 20: 9901, 9861, 9821, 9781, 9741**
6 JSPF, .41 dia hole. Pump dn @ 15 bpm. Max press of 2757 psi w/82 bbls pumped.
**PUMP STAGE 20:**
Sand in formation: 280,250lbs 101% Prime up and test lines to 9500 psi.
Equalize/open well @ 1830 psi. Ave rate: 80.1 bpm, Ave pressure: 5284 psi.
Max rate: 80.6 bpm, Max pressure: 7720 psi. ISIP: 2152 psi.
Pump time: 84 mins, Total Clean fluid: 7605 bbls, Total slurry volume: 7812 bbls.
Sand pumped: Sand 100: 93,044 lbs, Sand 40/70: 190,424 lbs, TOTAL 283,468 lbs

**STAGE 21: 9701, 9661, 9621, 9581, 9541**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max press of 2382 psi w/77 bbls pumped.
**PUMP STAGE 21:**
Sand in formation: 280,250 lbs, 100% Prime up and test lines to 9500 psi.
Equalize/open well @ 1839 psi. Ave rate: 80.4 bpm, Ave Pressure: 5202 psi.
Max rate: 80.7 bpm, Max pressure: 8196 psi. ISIP: 2415 psi.
Pump time: 104 mins. Total clean fluid: 7429 bbls, Total slurry volume: 7634 bbls
Sand pumped: Sand 100: 91,181 lbs, Sand 40/70: 189,238 lbs, TOTAL: 280,419 lbs

**STAGE 22: 9501, 9461, 9421, 9381, 9341**
6 JSPF. Pump dn @ 12 bpm. Max press of 2554 psi w/61 bbls pumped.
**PUMP STAGE 22:**
Sand in formation: 280,250 lbs 100%, Prime up & test lines to 9500 psi.
Equalize/open well @ 1795 psi. Ave Rate: 79.3bpm, Ave pressure: 5166 psi.
Max rate: 80.5 bpm, Max pressure: 7464 psi. ISIP: 2405 psi.
Pump time: 107 mins. Total clean fluid: 7313 bbls, Total slurry volum: 7518 bbls
Sand pumped: Sand 100: 91,948 lbs, Sand 40/70: 188,290 lbs, TOTAL: 280,238 lbs

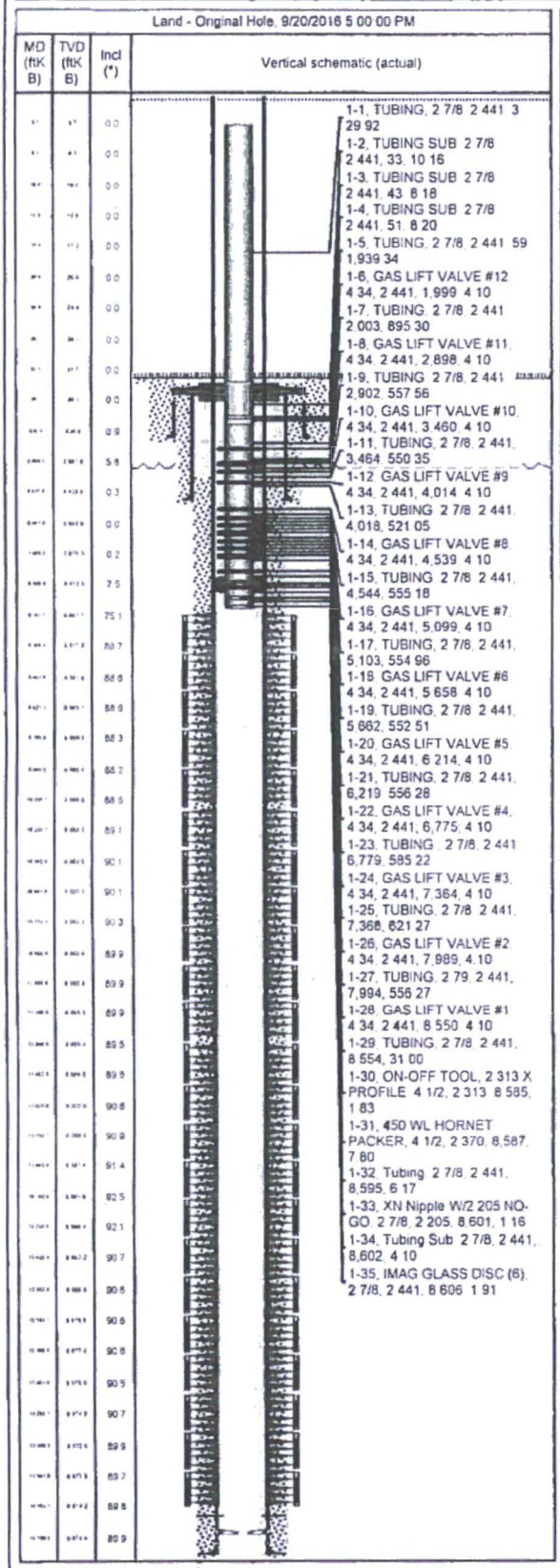
**STAGE 23: 9301, 9261, 9221, 9181, 9141**
6 JSPF, .41 dia hole. Pump dn @ 12 bpm. Max press 2529 psi w/51 bbls pumped.
**PUMP STAGE 23:**
Sand in formation: 280,250 lbs 92%, Prime up & test lines to 9500 psi.
Equalize/open well @ 1791 psi. Ave Rate: 79.4bpm, Ave Pressure: 5495 psi.
Max Rate: 81.0 bpm, Max pressure: 8069 psi. ISIP: 2238 psi.
Pump time: 135 mins. Total clean fluid: 8141 bbls, Total slurry volume: 8339 bbls
Sand Pumped: Sand 100: 76,267 lbs, Sand 40/70: 181,892 lbs, TOTAL: 258,159 lbs.

# Tubing Summary

| Well Name | Lease | Field Name | Business Unit |
|---|---|---|---|
| SALADO DRAW WE 14 FED P5 001H | | JENNINGS | Mid-Continent |

| Ground Elevation (ft) | Original RKB Elevation (ft) | Current RKB Elevation | Mud Line Elevation (ft) | Water Depth (ft) |
|---|---|---|---|---|
| 3,157.00 | 3,189.60 | 3,189.60, 6/2/2016 | | |

| Current KB to Ground (ft) | Current KB to Mud Line (ft) | Current KB to Csg Flange (ft) | Current KB to Tubing Head (ft) |
|---|---|---|---|
| 32.60 | | | |




## Tubing Strings

| Tubing Description | Planned Run? | Set Depth (MD) (ftKB) | Set Depth (TVD) (ftKB) |
|---|---|---|---|
| Tubing | N | 8,607.9 | 8,593.2 |

| Run Date | Run Job | Pull Date | Pull Job |
|---|---|---|---|
| 9/20/2016 | Complete, 8/19/2016 07:00 | | |

| 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 | 29.92 | 3.0 | 32.9 |
| 1 | TUBING SUB | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 10.16 | 32.9 | 43.1 |
| 1 | TUBING SUB | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 8.18 | 43.1 | 51.3 |
| 1 | TUBING SUB | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 8.20 | 51.3 | 59.5 |
| 63 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 1,939.34 | 59.5 | 1,998.8 |
| 1 | GAS LIFT VALVE #12 | 4.335 | 2.441 | | | 8RD | 4.10 | 1,998.8 | 2,002.9 |
| 29 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 895.30 | 2,002.9 | 2,898.2 |
| 1 | GAS LIFT VALVE #11 | 4.335 | 2.441 | | | 8RD | 4.10 | 2,898.2 | 2,902.3 |
| 18 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 557.56 | 2,902.3 | 3,459.9 |
| 1 | GAS LIFT VALVE #10 | 4.335 | 2.441 | | | 8RD | 4.10 | 3,459.9 | 3,464.0 |
| 18 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 550.35 | 3,464.0 | 4,014.3 |
| 1 | GAS LIFT VALVE #9 | 4.335 | 2.441 | | | 8RD | 4.10 | 4,014.3 | 4,018.4 |
| 17 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 521.05 | 4,018.4 | 4,539.5 |
| 1 | GAS LIFT VALVE #8 | 4.335 | 2.441 | | | 8RD | 4.10 | 4,539.5 | 4,543.6 |
| 18 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 555.18 | 4,543.6 | 5,098.7 |
| 1 | GAS LIFT VALVE #7 | 4.335 | 2.441 | | | 8RD | 4.10 | 5,098.7 | 5,102.8 |
| 18 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 554.96 | 5,102.8 | 5,657.8 |
| 1 | GAS LIFT VALVE #6 | 4.335 | 2.441 | | | 8RD | 4.10 | 5,657.8 | 5,661.9 |
| 17 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 552.51 | 5,661.9 | 6,214.4 |
| 1 | GAS LIFT VALVE #5 | 4.335 | 2.441 | | | 8RD | 4.10 | 6,214.4 | 6,218.5 |
| 18 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 556.28 | 6,218.5 | 6,774.8 |
| 1 | GAS LIFT VALVE #4 | 4.335 | 2.441 | | | 8RD | 4.10 | 6,774.8 | 6,778.9 |
| 19 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 585.22 | 6,778.9 | 7,364.1 |
| 1 | GAS LIFT VALVE #3 | 4.335 | 2.441 | | | 8RD | 4.10 | 7,364.1 | 7,368.2 |
| 20 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 621.27 | 7,368.2 | 7,989.5 |
| 1 | GAS LIFT VALVE #2 | 4.335 | 2.441 | | | 8TRD | 4.10 | 7,989.5 | 7,993.6 |
| 18 | TUBING | 2.785 | 2.441 | 6.50 | L-80 | 8RD | 556.27 | 7,993.6 | 8,549.9 |
| 1 | GAS LIFT VALVE #1 | 4.335 | 2.441 | | | 8RD | 4.10 | 8,549.9 | 8,554.0 |
| 1 | TUBING | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 31.00 | 8,554.0 | 8,585.0 |
| 1 | ON-OFF TOOL, 2.313 X PROFILE | 4 1/2 | 2.313 | | | 8RD | 1.83 | 8,585.0 | 8,586.8 |
| 1 | 450 WL HORNET PACKER | 4 1/2 | 2.370 | | | 8RD | 7.80 | 8,586.8 | 8,594.6 |
| 1 | Tubing | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 6.17 | 8,594.6 | 8,600.8 |



Report Printed: 10/5/2016

# Tubing Summary

| Well Name | Lease | Field Name | Business Unit |
|---|---|---|---|
| SALADO DRAW WE 14 FED P5 001H | | JENNINGS | Mid-Continent |

| Ground Elevation (ft) | Original RKB Elevation (ft) | Current RKB Elevation | Mud Line Elevation (ft) | Water Depth (ft) |
|---|---|---|---|---|
| 3,157.00 | 3,189.60 | 3,189.60, 6/2/2016 | | |

| Current KB to Ground (ft) | Current KB to Mud Line (ft) | Current KB to Csg Flange (ft) | Current KB to Tubing Head (ft) |
|---|---|---|---|
| 32.60 | | | |

Land - Original Hole, 9/20/2016 5:00:00 PM

| MD (ftKB) | TVD (ftKB) | Incl (°) | Vertical schematic (actual) |
|---|---|---|---|
| | | 0.0 | 1-1, TUBING, 2 7/8, 2 441, 3 29 92 |
| | | 0.0 | 1-2, TUBING SUB, 2 7/8, 2 441, 33, 10 16 |
| | | 0.0 | 1-3, TUBING SUB, 2 7/8, 2 441, 43, 8 18 |
| | | 0.0 | 1-4, TUBING SUB, 2 7/8, 2 441, 51, 8 20 |
| | | 0.0 | 1-5, TUBING, 2 7/8, 2 441, 59, 1,939 34 |
| | | 0.0 | 1-6, GAS LIFT VALVE #12, 4 34, 2 441, 1,999, 4 10 |
| | | 0.0 | 1-7, TUBING, 2 7/8, 2 441, 2,003, 895 30 |
| | | 0.0 | 1-8, GAS LIFT VALVE #11, 4 34, 2 441, 2,898, 4 10 |
| | | 0.0 | 1-9, TUBING, 2 7/8, 2 441, 2,902, 557 56 |
| | | 0.9 | 1-10, GAS LIFT VALVE #10, 4 34, 2 441, 3,460, 4 10 |
| | | 5.6 | 1-11, TUBING, 2 7/8, 2 441, 3,464, 550 35 |
| | | 0.0 | 1-12, GAS LIFT VALVE #9, 4 34, 2 441, 4,014, 4 10 |
| | | 0.0 | 1-13, TUBING, 2 7/8, 2 441, 4,018, 521 05 |
| | | 0.2 | 1-14, GAS LIFT VALVE #8, 4 34, 2 441, 4,539, 4 10 |
| | | 7.5 | 1-15, TUBING, 2 7/8, 2 441, 4,544, 555 18 |
| | | 75.1 | 1-16, GAS LIFT VALVE #7, 4 34, 2 441, 5,099, 4 10 |
| | | 88.7 | 1-17, TUBING, 2 7/8, 2 441, 5,103, 554 96 |
| | | 88.5 | 1-18, GAS LIFT VALVE #6, 4 34, 2 441, 5,658, 4 10 |
| | | 88.3 | 1-19, TUBING, 2 7/8, 2 441, 5,662, 552 51 |
| | | 88.3 | 1-20, GAS LIFT VALVE #5, 4 34, 2 441, 6,214, 4 10 |
| | | 88.2 | 1-21, TUBING, 2 7/8, 2 441, 6,219, 556 28 |
| | | 88.6 | 1-22, GAS LIFT VALVE #4, 4 34, 2 441, 6,775, 4 10 |
| | | 89.1 | 1-23, TUBING, 2 7/8, 2 441, 6,779, 585 22 |
| | | 90.1 | 1-24, GAS LIFT VALVE #3, 4 34, 2 441, 7,364, 4 10 |
| | | 90.1 | 1-25, TUBING, 2 7/8, 2 441, 7,368, 621 27 |
| | | 90.3 | 1-26, GAS LIFT VALVE #2, 4 34, 2 441, 7,989, 4 10 |
| | | 89.9 | 1-27, TUBING, 2 79, 2 441, 7,994, 556 27 |
| | | 89.9 | 1-28, GAS LIFT VALVE #1, 4 34, 2 441, 8,550, 4 10 |
| | | 89.9 | 1-29, TUBING, 2 7/8, 2 441, 8,554, 31 00 |
| | | 89.8 | 1-30, ON-OFF TOOL, 2 313 X PROFILE, 4 1/2, 2 313, 8,585, 1 83 |
| | | 89.8 | 1-31, 450 WL HORNET PACKER, 4 1/2, 2 370, 8,587, 7 80 |
| | | 90.6 | 1-32, Tubing, 2 7/8, 2 441, 8,595, 6 17 |
| | | 90.9 | 1-33, XN Nipple W/2 205 NO-GO, 2 7/8, 2 205, 8,601, 1 16 |
| | | 91.8 | 1-34, Tubing Sub, 2 7/8, 2 441, 8,602, 4 10 |
| | | 92.5 | 1-35, IMAG GLASS DISC (6), 2 7/8, 2 441, 8,606, 1 91 |
| | | 92.1 | |
| | | 90.7 | |
| | | 90.6 | |
| | | 90.5 | |
| | | 90.5 | |
| | | 90.5 | |
| | | 90.7 | |
| | | 89.9 | |
| | | 89.7 | |
| | | 89.5 | |
| | | 89.9 | |

| Jts | Item Des | OD (in) | ID (in) | Wt (lb/ft) | Grade | Top Thread | Len (ft) | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | XN Nipple W/2.205 NO-GO | 2 7/8 | 2.205 | | | 8RD | 1.16 | 8,600.8 | 8,601.9 |
| 1 | Tubing Sub | 2 7/8 | 2.441 | 6.50 | L-80 | 8RD | 4.10 | 8,601.9 | 8,606.0 |
| 1 | IMAG GLASS DISC (6) | 2 7/8 | 2.441 | | | 8RD | 1.91 | 8,606.0 | 8,607.9 |

## 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) |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

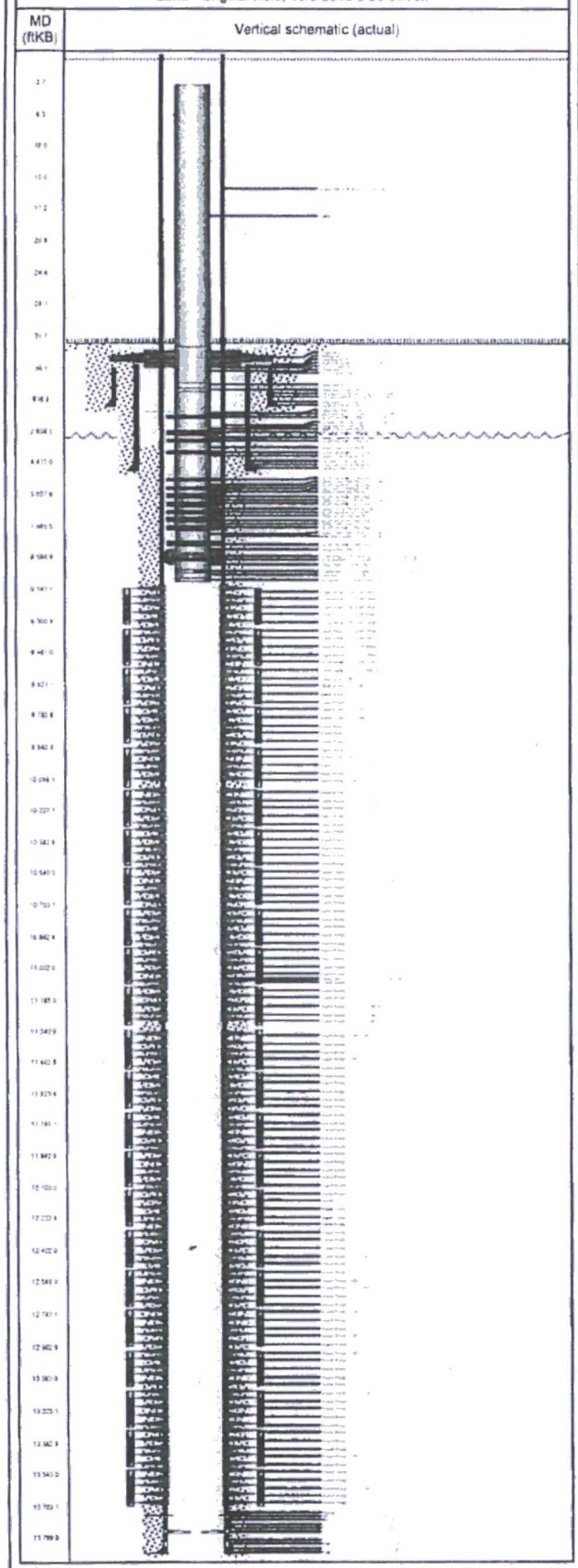


Report Printed: 10/5/2016

# Wellbore Schematic

| Well Name | Lease | Field Name | Business Unit |
|---|---|---|---|
| SALADO DRAW WE 14 FED P5 001H | | JENNINGS | Mid-Continent |

Land - Original Hole, 10/5/2016 9 53 35 AM




## Job Details

| Job Category | Start Date | Rig/Unit End Date |
|---|---|---|
| Completion | 8/19/2016 | 8/24/2016 |
| Completion | 8/24/2016 | 9/8/2016 |
| Completion | 9/8/2016 | 9/17/2016 |
| Completion | 9/8/2016 | 9/12/2016 |
| Completion | 9/19/2016 | 9/21/2016 |

## 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 | ST&C | 681 |
| Intermediate Casing 1 | 9 5/8 | 40.00 | HCK-55 | LT&C | 4,524 |
| Production Casing | 5 1/2 | 20.00 | HCP-110 | TXP-BTC-S | 13,878 |

## Tubing Strings

**Tubing set at 8,607.9ftKB on 9/20/2016 17:00**

| Tubing Description | Run Date | String Length (ft) | Set Depth (MD) (ftKB) |
|---|---|---|---|
| Tubing | 9/20/2016 | 8,604.92 | 8,607.9 |

| Item Des | Jts | OD (in) | Wt (lb/ft) | Grade | Len (ft) | Btm (ftKB) |
|---|---|---|---|---|---|---|
| TUBING | 1 | 2 7/8 | 6.50 | L-80 | 29.92 | 32.9 |
| TUBING SUB | 1 | 2 7/8 | 6.50 | L-80 | 10.16 | 43.1 |
| TUBING SUB | 1 | 2 7/8 | 6.50 | L-80 | 8.18 | 51.3 |
| TUBING SUB | 1 | 2 7/8 | 6.50 | L-80 | 8.20 | 59.5 |
| TUBING | 63 | 2 7/8 | 6.50 | L-80 | 1,939.34 | 1,998.8 |
| GAS LIFT VALVE #12 | 1 | 4.335 | | | 4.10 | 2,002.9 |
| TUBING | 29 | 2 7/8 | 6.50 | L-80 | 895.30 | 2,898.2 |
| GAS LIFT VALVE #11 | 1 | 4.335 | | | 4.10 | 2,902.3 |
| TUBING | 18 | 2 7/8 | 6.50 | L-80 | 557.56 | 3,459.9 |
| GAS LIFT VALVE #10 | 1 | 4.335 | | | 4.10 | 3,464.0 |
| TUBING | 18 | 2 7/8 | 6.50 | L-80 | 550.35 | 4,014.3 |
| GAS LIFT VALVE #9 | 1 | 4.335 | | | 4.10 | 4,018.4 |
| TUBING | 17 | 2 7/8 | 6.50 | L-80 | 521.05 | 4,539.5 |
| GAS LIFT VALVE #8 | 1 | 4.335 | | | 4.10 | 4,543.6 |
| TUBING | 18 | 2 7/8 | 6.50 | L-80 | 555.18 | 5,098.7 |
| GAS LIFT VALVE #7 | 1 | 4.335 | | | 4.10 | 5,102.8 |
| TUBING | 18 | 2 7/8 | 6.50 | L-80 | 554.96 | 5,657.8 |
| GAS LIFT VALVE #6 | 1 | 4.335 | | | 4.10 | 5,661.9 |
| TUBING | 17 | 2 7/8 | 6.50 | L-80 | 552.51 | 6,214.4 |
| GAS LIFT VALVE #5 | 1 | 4.335 | | | 4.10 | 6,218.5 |
| TUBING | 18 | 2 7/8 | 6.50 | L-80 | 556.28 | 6,774.8 |
| GAS LIFT VALVE #4 | 1 | 4.335 | | | 4.10 | 6,778.9 |
| TUBING | 19 | 2 7/8 | 6.50 | L-80 | 585.22 | 7,364.1 |
| GAS LIFT VALVE #3 | 1 | 4.335 | | | 4.10 | 7,368.2 |
| TUBING | 20 | 2 7/8 | 6.50 | L-80 | 621.27 | 7,989.5 |
| GAS LIFT VALVE #2 | 1 | 4.335 | | | 4.10 | 7,993.6 |
| TUBING | 18 | 2.785 | 6.50 | L-80 | 556.27 | 8,549.9 |
| GAS LIFT VALVE #1 | 1 | 4.335 | | | 4.10 | 8,554.0 |
| TUBING | 1 | 2 7/8 | 6.50 | L-80 | 31.00 | 8,585.0 |
| ON-OFF TOOL, 2.313 X PROFILE | 1 | 4 1/2 | | | 1.83 | 8,586.8 |
| 450 WL HORNET PACKER | 1 | 4 1/2 | | | 7.80 | 8,594.6 |
| Tubing | 1 | 2 7/8 | 6.50 | L-80 | 6.17 | 8,600.8 |
| XN Nipple W/2.205 NO-GO | 1 | 2 7/8 | | | 1.16 | 8,601.9 |
| Tubing Sub | 1 | 2 7/8 | 6.50 | L-80 | 4.10 | 8,606.0 |
| IMAG GLASS DISC (6) | 1 | 2 7/8 | | | 1.91 | 8,607.9 |

## Perforations

| Date | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Entered Shot Total | Linked Zone |
|---|---|---|---|---|---|
| 9/5/2016 | 9,141.0 | 9,143.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,181.0 | 9,183.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,221.0 | 9,223.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,261.0 | 9,263.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,301.0 | 9,303.0 | 6.0 | 12 | Avalon, Original Hole |

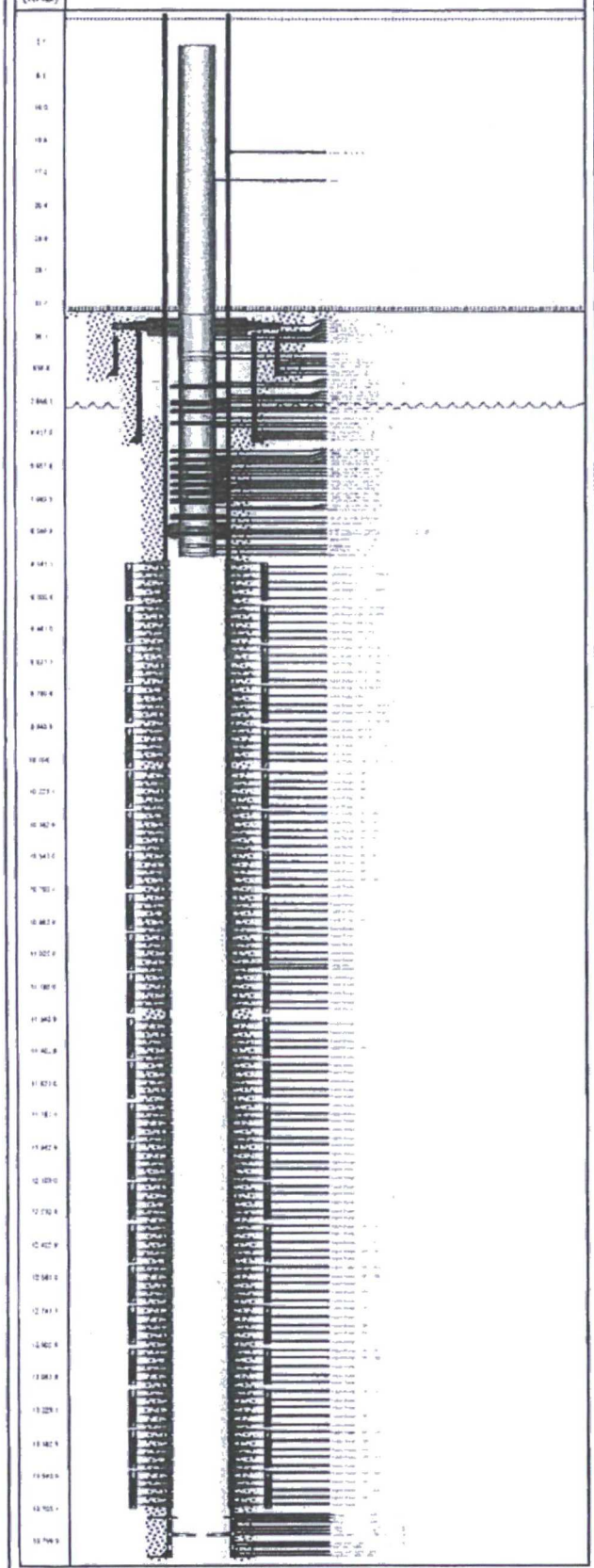


Report Printed: 10/5/2016

# Wellbore Schematic

| Well Name | Lease | Field Name | Business Unit |
|---|---|---|---|
| SALADO DRAW WE 14 FED P5 001H | | JENNINGS | Mid-Continent |

Land - Original Hole, 10/5/2016 9.53 36 AM



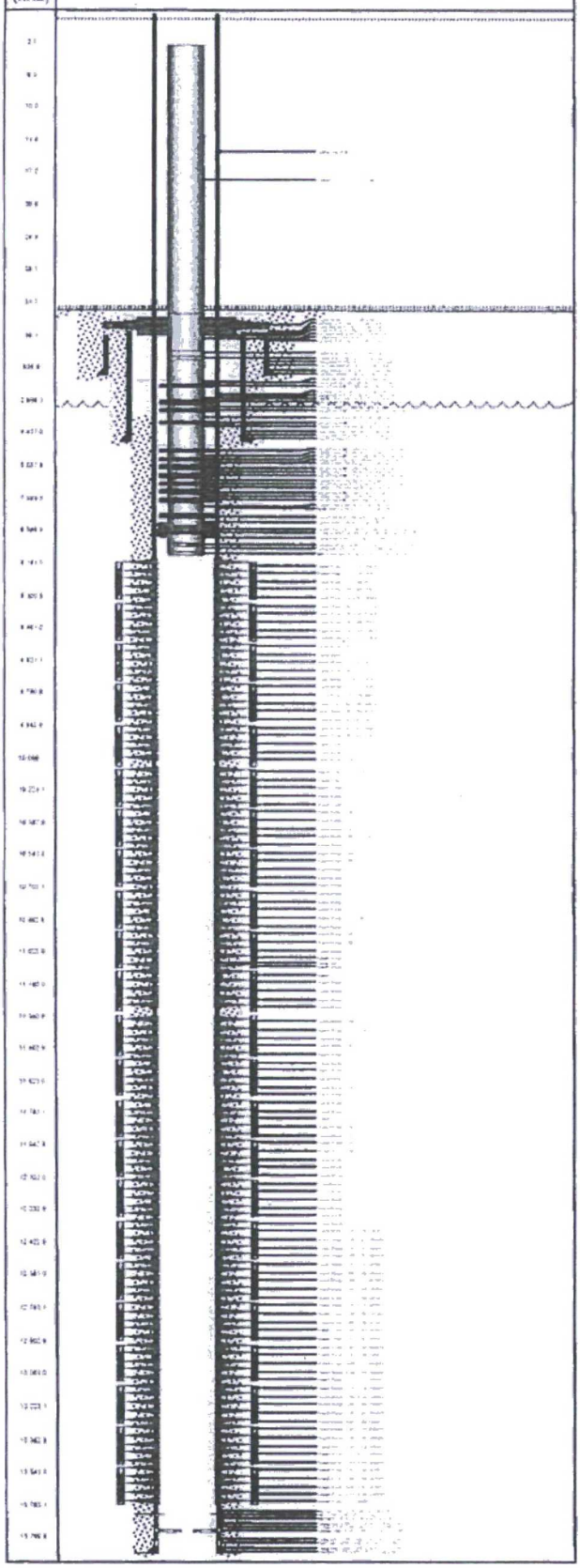

**Perforations**

| Date | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Entered Shot Total | Linked Zone |
|---|---|---|---|---|---|
| 9/5/2016 | 9,341.0 | 9,343.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,381.0 | 9,383.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,421.0 | 9,423.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,461.0 | 9,463.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/5/2016 | 9,501.0 | 9,503.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,541.0 | 9,543.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,581.0 | 9,583.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,621.0 | 9,623.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,661.0 | 9,663.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,701.0 | 9,703.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,741.0 | 9,743.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,781.0 | 9,783.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,821.0 | 9,823.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,861.0 | 9,863.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/4/2016 | 9,901.0 | 9,903.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/3/2016 | 9,941.0 | 9,943.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/3/2016 | 9,981.0 | 9,983.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/3/2016 | 10,021.0 | 10,023.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/3/2016 | 10,061.0 | 10,063.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/3/2016 | 10,098.0 | 10,100.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,141.0 | 10,143.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,181.0 | 10,183.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,221.0 | 10,223.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,261.0 | 10,263.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,301.0 | 10,303.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,341.0 | 10,343.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,381.0 | 10,383.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,421.0 | 10,423.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,461.0 | 10,463.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,501.0 | 10,503.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,541.0 | 10,543.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,581.0 | 10,583.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,621.0 | 10,623.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,661.0 | 10,663.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/2/2016 | 10,701.0 | 10,703.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 10,741.0 | 10,743.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 10,781.0 | 10,783.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 10,821.0 | 10,823.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 10,861.0 | 10,863.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 10,901.0 | 10,903.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 10,941.0 | 10,943.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 10,981.0 | 10,983.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 11,020.0 | 11,022.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 11,059.0 | 11,061.0 | 6.0 | 12 | Avalon, Original Hole |
| 9/1/2016 | 11,101.0 | 11,103.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/31/2016 | 11,141.0 | 11,143.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/31/2016 | 11,183.0 | 11,185.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/31/2016 | 11,221.0 | 11,223.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/31/2016 | 11,257.0 | 11,259.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/31/2016 | 11,297.0 | 11,299.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,344.0 | 11,346.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,382.0 | 11,384.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,421.0 | 11,423.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,461.0 | 11,463.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,501.0 | 11,503.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,541.0 | 11,543.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,581.0 | 11,583.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,621.0 | 11,623.0 | 6.0 | 12 | Avalon, Original Hole |

# Wellbore Schematic

| Well Name | Lease | Field Name | Business Unit |
|---|---|---|---|
| SALADO DRAW WE 14 FED P5 001H | | JENNINGS | Mid-Continent |

Land - Original Hole, 10/5/2016 9 53 36 AM




## Perforations

| Date | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Entered Shot Total | Linked Zone |
|---|---|---|---|---|---|
| 8/30/2016 | 11,661.0 | 11,663.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,701.0 | 11,703.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,741.0 | 11,743.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,781.0 | 11,783.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,821.0 | 11,823.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,861.0 | 11,863.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/30/2016 | 11,901.0 | 11,903.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 11,941.0 | 11,943.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 11,981.0 | 11,983.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,021.0 | 12,023.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,061.0 | 12,063.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,101.0 | 12,103.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,141.0 | 12,143.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,181.0 | 12,183.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,221.0 | 12,223.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,231.0 | 12,233.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/29/2016 | 12,301.0 | 12,303.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/28/2016 | 12,341.0 | 12,343.0 | 6.0 | | Avalon, Original Hole |
| 8/28/2016 | 12,381.0 | 12,383.0 | 6.0 | | Avalon, Original Hole |
| 8/28/2016 | 12,421.0 | 12,423.0 | 6.0 | | Avalon, Original Hole |
| 8/28/2016 | 12,461.0 | 12,463.0 | 6.0 | | Avalon, Original Hole |
| 8/28/2016 | 12,501.0 | 12,503.0 | 6.0 | | Avalon, Original Hole |
| 8/27/2016 | 12,541.0 | 12,543.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,581.0 | 12,583.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,621.0 | 12,623.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,661.0 | 12,663.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,701.0 | 12,703.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,741.0 | 12,743.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,781.0 | 12,783.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,821.0 | 12,823.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,861.0 | 12,863.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/27/2016 | 12,901.0 | 12,903.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/26/2016 | 12,941.0 | 12,943.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/26/2016 | 12,981.0 | 12,983.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/26/2016 | 13,021.0 | 13,023.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/26/2016 | 13,061.0 | 13,063.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/26/2016 | 13,101.0 | 13,103.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,141.0 | 13,143.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,181.0 | 13,183.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,221.0 | 13,223.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,261.0 | 13,263.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,301.0 | 13,303.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,341.0 | 13,343.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,381.0 | 13,383.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,421.0 | 13,423.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,461.0 | 13,463.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/25/2016 | 13,501.0 | 13,503.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/23/2016 | 13,541.0 | 13,543.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/23/2016 | 13,581.0 | 13,583.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/23/2016 | 13,621.0 | 13,623.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/23/2016 | 13,661.0 | 13,663.0 | 6.0 | 12 | Avalon, Original Hole |
| 8/23/2016 | 13,701.0 | 13,701.0 | 6.0 | | Avalon, Original Hole |

## Other Strings

| Run Date | Pull Date | Set Depth (ftKB) | Com |
|---|---|---|---|
| | | | |

## Other In Hole

| Des | Top (ftKB) | Btm (ftKB) | Run Date | Pull Date | Com |
|---|---|---|---|---|---|
| Packer (retrievable) | 8,576.0 | 8,599.0 | 9/17/2016 | | |

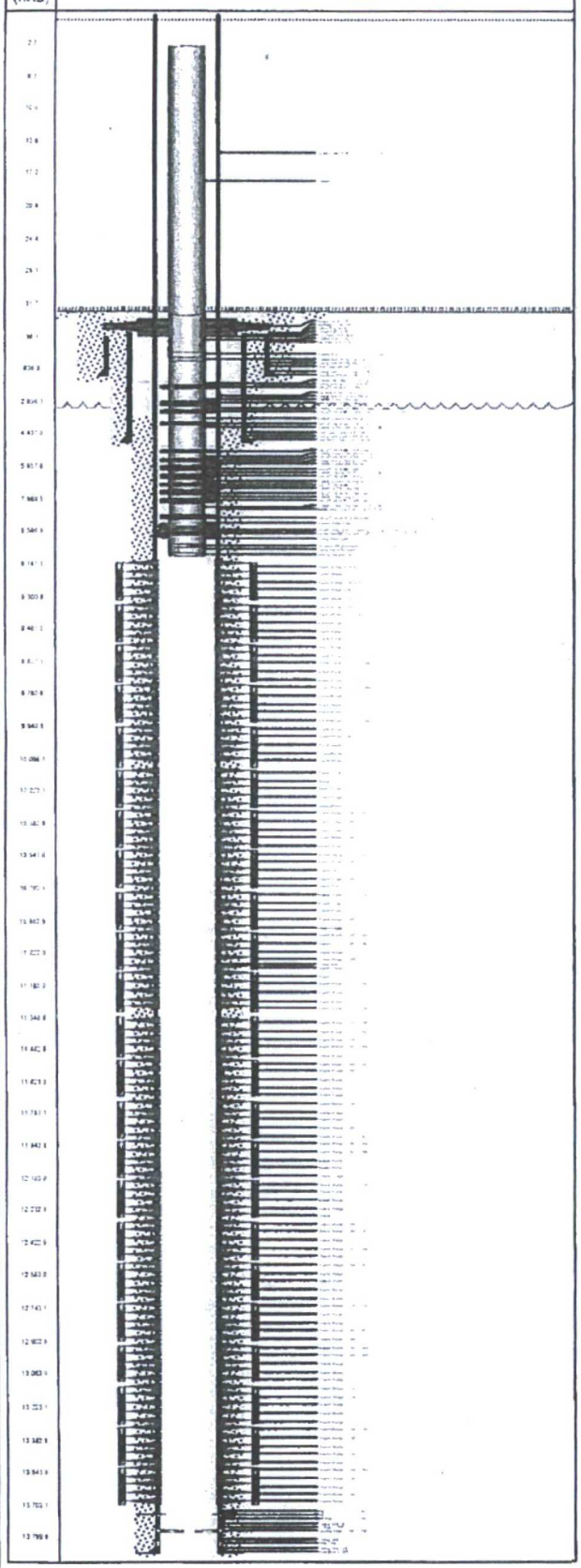


Report Printed: 10/5/2016

# Wellbore Schematic

| Well Name | Lease | Field Name | Business Unit |
|---|---|---|---|
| SALADO DRAW WE 14 FED P5 001H | | JENNINGS | Mid-Continent |

Land - Original Hole, 10/5/2016 9 53 37 AM




**Other In Hole**

| Des | Top (ftKB) | Btm (ftKB) | Run Date | Pull Date | Com |
|---|---|---|---|---|---|
| Composite Frac Plug (drop ball) | 9,321.0 | 9,323.0 | 9/5/2016 | 9/11/2016 | Stage 23 |
| Composite Frac Plug (drop ball) | 9,521.0 | 9,523.0 | 9/5/2016 | 9/11/2016 | Stage 22 |
| Composite Frac Plug (drop ball) | 9,721.0 | 9,723.0 | 9/4/2016 | 9/11/2016 | Stage 21 |
| Composite Frac Plug (drop ball) | 9,921.0 | 9,923.0 | 9/4/2016 | 9/11/2016 | Stage 20 |
| Composite Frac Plug (drop ball) | 10,116.0 | 10,118.0 | 9/3/2016 | 9/11/2016 | Stage 19 |
| Composite Frac Plug (drop ball) | 10,321.0 | 10,323.0 | 9/2/2016 | 9/11/2016 | Stage 18 |
| Composite Frac Plug (drop ball) | 10,521.0 | 10,523.0 | 9/2/2016 | 9/11/2016 | Stage 17 |
| Composite Frac Plug (drop ball) | 10,721.0 | 10,723.0 | 9/2/2016 | 9/11/2016 | Stage 16 |
| Composite Frac Plug (drop ball) | 10,921.0 | 10,923.0 | 9/1/2016 | 9/11/2016 | Stage 15 |
| Composite Frac Plug (drop ball) | 11,121.0 | 11,123.0 | 9/1/2016 | 9/11/2016 | Stage 14 |
| Composite Frac Plug (drop ball) | 11,321.0 | 11,323.0 | 8/31/2016 | 9/10/2016 | Stage 13 |
| Composite Frac Plug (drop ball) | 11,521.0 | 11,523.0 | 8/30/2016 | 9/10/2016 | Stage 12 |
| Composite Frac Plug (drop ball) | 11,721.0 | 11,723.0 | 8/30/2016 | 9/10/2016 | Stage 11 |
| Composite Frac Plug (drop ball) | 11,921.0 | 11,923.0 | 8/30/2016 | 9/10/2016 | Stage 10 |
| Composite Frac Plug (drop ball) | 12,120.0 | 12,122.0 | 8/29/2016 | 9/10/2016 | Stage 9 |
| Composite Frac Plug (drop ball) | 12,324.0 | 12,326.0 | 8/29/2016 | 9/10/2016 | Stage 8 |
| Composite Frac Plug (drop ball) | 12,521.0 | 12,523.0 | 8/28/2016 | 9/10/2016 | Stage 7 |
| Composite Frac Plug (drop ball) | 12,724.0 | 12,726.0 | 8/27/2016 | 9/10/2016 | Stage 6 |
| Composite Frac Plug (drop ball) | 12,923.0 | 12,925.0 | 8/27/2016 | 9/10/2016 | Stage 5 |
| Composite Frac Plug (drop ball) | 13,121.0 | 13,123.0 | 8/26/2016 | 9/10/2016 | Stage 4 |
| Composite Frac Plug (drop ball) | 13,321.0 | 13,323.0 | 8/25/2016 | 9/10/2016 | Stage 3 |
| Composite Frac Plug (drop ball) | 13,521.0 | 13,523.0 | 8/25/2016 | 9/10/2016 | Stage 2 |



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