

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. SD WE 24 FED P23 2H
2. Name of Operator CHEVRON USA INC		9. API Well No. 30-025-43296-00-X1
3a. Address 1616 W. BENDER BLVD HOBBS, NM 88240	3b. Phone No. (include area code) Ph: 432-687-7375	10. Field and Pool or Exploratory Area BONE SPRINGS WC025G06S263319P-BONE SPRING
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T26S R32E SWSW 260FSL 1308FWL		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
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ 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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COMPLETION REPORT FOR NEW OIL PRODUCER:

12/10/2016: MIRU.

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

Etab injection: Rate 09 bpm @ 9200psi. ISIP: 9200 psi.

12/17/2016 through 101/17/2017: Perforate 49 stages: 9305 - 19066

Frac with: TOTAL PROPPANT: 13,751,054 lbs, TOTAL CLEAN VOLUME: 374,342BBLS,

TOTAL SLURRY VOLUME: 389,175BBLS

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

01/26/2017: Equalize Well. TIH w/gauge ring & Junk basket to KOP @ 8566'.

01/27/2017: Set Packer @ 8513'.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #369566 verified by the BLM Well Information System For CHEVRON USA INC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 03/13/2017 (17PP0361SE)	
Name (Printed/Typed) DENISE PINKERTON	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 03/13/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
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.

(Instructions on page 2)

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

Additional data for EC transaction #369566 that would not fit on the form

32. Additional remarks, continued

02/07/2017: Set 2 7/8" tubing @ 8533'.

02/09/2017: Release Rig.

03/07/2017: On 24 Hr OPT, flowing 718 oil, 950 gas, & 1510 water.

TOC - production csg: Surface

Tbg PSI - 1130

CSG PSI - 110

CHOKE SIZE - 28/64

Stimulation Intervals

UWI	Well Name	Start Date	Interval Number	Top (ftKB)	Btm (ftKB)	P Breakdown (psi)	Avg Treat Rate (bbl/min)	Avg Treat Pressure (psi)
3002543296	SD WE 24 P23 002H	12/21/2016	1	18,905.00	19,091.00	4,776.00	83.7	6,834.00
3002543296		12/21/2016	2	18,705.00	18,867.00	5,334.00	86.43	6,556.00
3002543296		12/22/2016	3	18,505.00	18,667.00	4,535.00	84.67	6,562.00
3002543296		12/22/2016	4	18,305.00	18,467.00	6,057.00	85.48	6,771.00
3002543296		12/23/2016	5	18,105.00	18,267.00	5,019.00	85.06	6,785.00
3002543296		12/23/2016	6	17,905.00	18,067.00	4,949.00	85.89	6,585.00
3002543296		12/24/2016	7	17,705.00	17,867.00	4,081.00	84.56	6,537.00
3002543296		12/24/2016	8	17,505.00	17,667.00	5,469.00	83.11	6,815.00
3002543296		12/25/2016	9	17,305.00	17,467.00	3,972.00	83.71	6,801.00
3002543296		12/25/2016	10	17,105.00	17,267.00	4,749.00	84.17	6,768.00
3002543296		12/26/2016	11	16,905.00	17,067.00	4,714.00	81.46	6,889.00
3002543296		12/27/2016	12	16,705.00	16,867.00	5,358.00	84.81	7,003.00
3002543296		12/27/2016	13	16,505.00	16,667.00	4,316.00	82.91	6,710.00
3002543296		12/28/2016	14	16,305.00	16,467.00	4,493.00	84.94	6,448.00
3002543296		12/29/2016	15	16,105.00	16,267.00	4,340.00	84.9	6,688.00
3002543296		12/29/2016	16	15,905.00	16,067.00	4,188.00	84.55	6,747.00
3002543296		12/30/2016	17	15,705.00	15,867.00	4,578.00	85.3	6,700.00
3002543296		12/30/2016	18	15,505.00	15,667.00	4,417.00	84.95	6,594.00
3002543296		12/31/2016	19	15,305.00	15,467.00	4,560.00	84.47	6,553.00
3002543296		1/1/2017	20	15,105.00	15,267.00	5,363.00	86.2	6,612.00
3002543296		1/1/2017	21	14,905.00	15,067.00	4,341.00	84.33	6,474.00
3002543296		1/2/2017	22	14,705.00	14,867.00	4,457.00	84.5	6,636.00
3002543296		1/2/2017	23	14,505.00	14,667.00	4,425.00	85.4	6,639.00
3002543296		1/3/2017	24	14,305.00	14,467.00	3,915.00	79.91	5,954.00
3002543296		1/3/2017	25	14,105.00	14,267.00	3,878.00	83.2	6,462.00
3002543296		1/4/2017	26	13,905.00	14,067.00	3,454.00	80.01	5,758.00
3002543296		1/4/2017	27	13,705.00	13,867.00	4,634.00	85.9	6,345.00
3002543296		1/5/2017	28	13,505.00	13,667.00	3,430.00	80.41	5,908.00
3002543296		1/6/2017	29	13,305.00	13,467.00	4,774.00	82.1	6,223.00
3002543296		1/7/2017	30	13,105.00	13,267.00	4,407.00	84.84	6,207.00
3002543296		1/8/2017	31	12,905.00	13,067.00	4,121.00	85.4	6,405.00
3002543296		1/8/2017	32	12,705.00	12,867.00	4,302.00	89.13	6,572.00

3002543296	1/9/2017	33	12,505.00	12,667.00	4,451.00	87.6	6,621.00
3002543296	1/9/2017	34	12,305.00	12,467.00	3,217.00	85.18	5,453.00
3002543296	1/9/2017	35	12,105.00	12,267.00	4,283.00	85	6,559.00
3002543296	1/10/2017	36	11,905.00	12,067.00	3,251.00	85.22	5,297.00
3002543296	1/10/2017	37	11,705.00	11,867.00	3,614.00	85.4	5,882.00
3002543296	1/11/2017	38	11,505.00	11,667.00	4,018.00	85.51	5,933.00
3002543296	1/11/2017	39	11,305.00	11,467.00	4,000.00	87.6	5,991.00
3002543296	1/12/2017	40	11,105.00	11,267.00	4,033.00	85.43	5,828.00
3002543296	1/13/2017	41	10,905.00	11,067.00	3,249.00	88.2	6,042.00
3002543296	1/14/2017	42	10,705.00	10,867.00	2,995.00	89.1	6,132.00
3002543296	1/14/2017	43	10,505.00	10,667.00	4,035.00	85.3	5,881.00
3002543296	1/14/2017	44	10,305.00	10,467.00	3,707.00	86	5,986.00
3002543296	1/15/2017	45	10,105.00	10,267.00	4,021.00	89.78	6,058.00
3002543296	1/16/2017	46	9,905.00	10,067.00	4,063.00	89.2	6,104.00
3002543296	1/16/2017	47	9,705.00	9,867.00	3,202.00	90.29	5,708.00
3002543296	1/16/2017	48	9,505.00	9,667.00	4,121.00	85.7	5,671.00
3002543296	1/17/2017	49	9,305.00	9,467.00	4,156.00	84.9	5,824.00

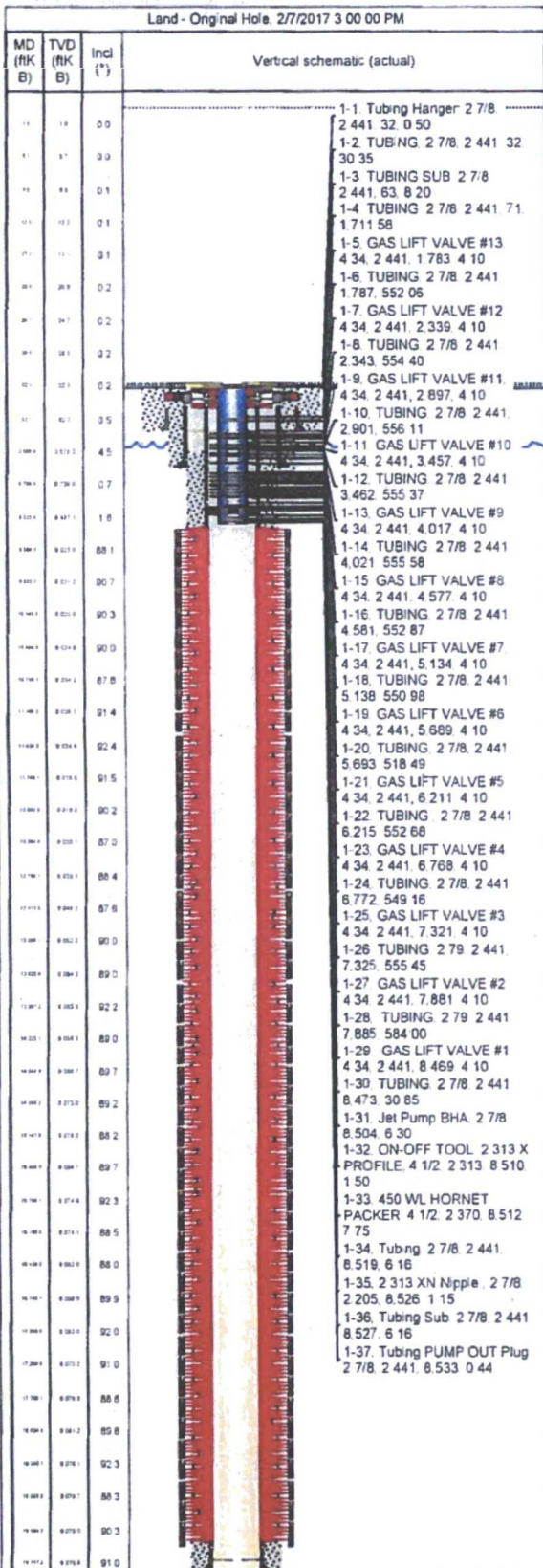
Max Treat Rate (bbl/min)	Max Treat Pressure (psi)	Post-Treat ISIP (psi)	Total Clean Volume (bbl)	Total Slurry Vol (bbl)	Proppant In Formation (lb)
86.2	8,656.00	1,943.00	7,808.81	8,111.02	280,171.00
87.28	8,666.00	2,018.00	7,750.98	8,053.71	280,644.00
85.7	8,870.00	1,959.00	7,752.05	8,057.20	282,878.00
86.82	8,728.00	2,296.00	7,731.62	8,033.50	279,835.00
85.91	8,512.00	2,177.00	7,851.12	8,153.99	280,764.00
87.69	8,967.00	2,477.00	7,763.21	8,065.89	280,566.00
85.62	8,617.00	2,318.00	7,697.26	7,999.24	279,936.00
85.69	8,923.00	2,500.00	7,732.74	8,036.83	281,896.00
84.96	9,032.00	2,659.00	7,692.81	7,995.51	280,587.00
85.37	8,724.00	2,424.00	7,697.57	8,000.12	280,484.00
84.86	9,211.00	2,764.00	7,876.26	8,179.74	281,336.00
85.95	8,009.00	2,657.00	7,817.33	8,119.98	280,561.00
85.7	8,351.00	2,197.00	7,719.40	8,023.24	281,718.00
85.63	8,176.00	2,755.00	7,844.43	8,148.76	282,144.00
86.2	8,534.00	2,291.00	7,703.40	8,006.36	280,854.00
85.44	8,686.00	2,768.00	7,798.90	8,102.43	281,415.00
85.8	8,997.00	2,504.00	7,673.26	7,974.16	278,956.00
85.84	8,207.00	2,773.00	7,595.98	7,898.79	280,709.00
85.47	8,249.00	2,758.00	8,093.50	8,393.54	278,361.00
86.9	8,710.00	2,428.00	7,698.55	8,001.74	281,166.00
85.28	8,147.00	2,701.00	7,890.60	8,193.93	281,219.00
85.86	8,268.00	2,646.00	7,596.95	7,897.74	278,852.00
86.6	8,769.00	2,652.00	7,575.83	7,876.76	278,959.00
80.37	8,221.00	2,851.00	7,558.33	7,862.59	282,091.00
84.6	8,138.00	2,443.00	7,652.29	7,955.56	281,132.00
80.88	8,187.00	2,514.00	7,654.31	7,958.18	281,720.00
86.7	8,344.00	2,464.00	7,608.36	7,910.94	280,493.00
80.87	8,119.00	2,381.00	7,685.55	7,989.57	281,800.00
85.9	8,179.00	2,476.00	7,554.95	7,857.32	280,289.00
87.32	8,063.00	2,441.00	7,556.00	7,861.28	282,989.00
86.4	8,410.00	2,570.00	7,509.64	7,811.90	280,178.00
90.67	8,183.00	2,513.00	7,612.55	7,916.83	282,069.00

89.2	8,820.00	2,461.00	7,458.79	7,762.02	281,093.00
85.95	7,845.00	2,371.00	7,658.95	7,962.69	281,599.00
86.7	8,671.00	2,502.00	7,775.45	8,077.61	280,072.00
86.06	8,597.00	2,311.00	7,597.40	7,899.57	280,107.00
85.9	8,995.00	2,466.00	7,451.74	7,753.10	279,359.00
85.91	6,669.00	2,686.00	7,419.14	7,721.53	280,324.00
88.8	8,207.00	2,462.00	7,504.98	7,807.22	280,222.00
87.5	8,634.00	2,765.00	7,511.88	7,813.85	279,908.00
89.9	6,977.00	2,434.00	7,579.62	7,882.27	280,543.00
89.8	8,825.00	2,496.00	7,384.00	7,686.59	280,477.00
85.97	8,373.00	2,939.00	7,574.17	7,876.81	280,538.00
86.5	8,867.00	2,667.00	7,469.17	7,771.45	280,212.00
90.27	8,499.00	2,855.00	7,486.93	7,788.67	279,700.00
89.5	8,615.00	2,503.00	7,455.07	7,757.39	280,258.00
90.61	8,050.00	2,648.00	7,421.79	7,725.66	281,682.00
88.8	8,178.00	2,432.00	7,497.45	7,798.52	279,077.00
88.32	7,484.00	2,660.00	7,341.31	7,642.41	279,111.00
			374,342.38	389,175.71	13,751,054.00



Tubing Summary

Well Name SALADO DRAW WE 24 FEB P23 002H	Field Name JENNINGS	Business Unit Mid-Continent
Ground Elevation (ft) 3,134.00	Current RKB Elevation (ft) 3,166.60	Current RKB Elevation 3,166.60, 8/15/2016
Current KB to Ground (ft) 32.60	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)
		Current KB to Tubing Head (ft)



Tubing Strings									
Tubing Description Tubing - Production		Planned Run In N		Set Depth (TVD) (RKB) 8 533.4		Set Depth (TVD) (RKB) 8 504.9			
Run Date 2/7/2017		Run Job Complete: 12/10/2016 12:00		Pull Date		Pull Job			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (RKB)	Btm (RKB)
1	Tubing Hanger	2 7/8	2 441			8RD	0 50	32.0	32.5
1	TUBING	2 7/8	2 441	6 50	L-80	8RD	30 35	32.5	62.8
1	TUBING SUB	2 7/8	2 441	6 50	L-80	8RD	8 20	62.8	71.0
56	TUBING	2 7/8	2 441	6 50	L-80	8RD	1 711 5 8	71.0	1 782 6
1	GAS LIFT VALVE #13	4 335	2 441			8RD	4 10	1 782 6	1 786 7
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	552 06	1 786 7	2 338 8
1	GAS LIFT VALVE #12	4 335	2 441			8RD	4 10	2 338 8	2 342 9
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	554 40	2 342 9	2 897 3
1	GAS LIFT VALVE #11	4 335	2 441			8RD	4 10	2 897 3	2 901 4
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	556 11	2 901 4	3 457 5
1	GAS LIFT VALVE #10	4 335	2 441			8RD	4 10	3 457 5	3 461 6
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	555 37	3 461 6	4 016 9
1	GAS LIFT VALVE #9	4 335	2 441			8RD	4 10	4 016 9	4 021 0
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	555 58	4 021 0	4 576 6
1	GAS LIFT VALVE #8	4 335	2 441			8RD	4 10	4 576 6	4 580 7
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	552 87	4 580 7	5 133 6
1	GAS LIFT VALVE #7	4 335	2 441			8RD	4 10	5 133 6	5 137 7
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	550 98	5 137 7	5 688 7
1	GAS LIFT VALVE #6	4 335	2 441			8RD	4 10	5 688 7	5 692 8
17	TUBING	2 7/8	2 441	6 50	L-80	8RD	518 49	5 692 8	6 211 3
1	GAS LIFT VALVE #5	4 335	2 441			8RD	4 10	6 211 3	6 215 4
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	552 68	6 215 4	6 768 0
1	GAS LIFT VALVE #4	4 335	2 441			8RD	4 10	6 768 0	6 772 1
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	549 16	6 772 1	7 321 3
1	GAS LIFT VALVE #3	4 335	2 441			8TRD	4 10	7 321 3	7 325 4
18	TUBING	2 7/8	2 441	6 50	L-80	8RD	555 45	7 325 4	7 880 9
1	GAS LIFT VALVE #2	4 335	2 441			8RD	4 10	7 880 9	7 885 0
19	TUBING	2 7/8	2 441	6 50	L-80	8RD	584 00	7 885 0	8 469 0
1	GAS LIFT VALVE #1	4 335	2 441			8RD	4 10	8 469 0	8 473 1
1	TUBING	2 7/8	2 441	6 50	L-80	8RD	30 85	8 473 1	8 503 9
1	Jet Pump BHA	2 7/8				8RD	6 30	8 503 9	8 510 2
1	ON-OFF TOOL 2 313 X PROFILE	4 1/2	2 313			8RD	1 50	8 510 2	8 511 7
1	450 WL HORNET PACKER	4 1/2	2 370			8RD	7 75	8 511 7	8 519 5



Tubing Summary

Well Name SALADO DRAW WE 24 FED P23 002H	Lease	Field Name JENNINGS	Business Unit Mid-Continent
Ground Elevation (ft) 3,134.00	Original RKB Elevation (ft) 3,166.60	Current RKB Elevation 3,166.60 8/15/2016	Mud Line Elevation (ft) Water Depth (ft)
Current KB to Ground (ft) 32.60	Current KB to Mud Line (ft)	Current KB to Csg Hange (ft)	Current KB to Tubing Head (ft)

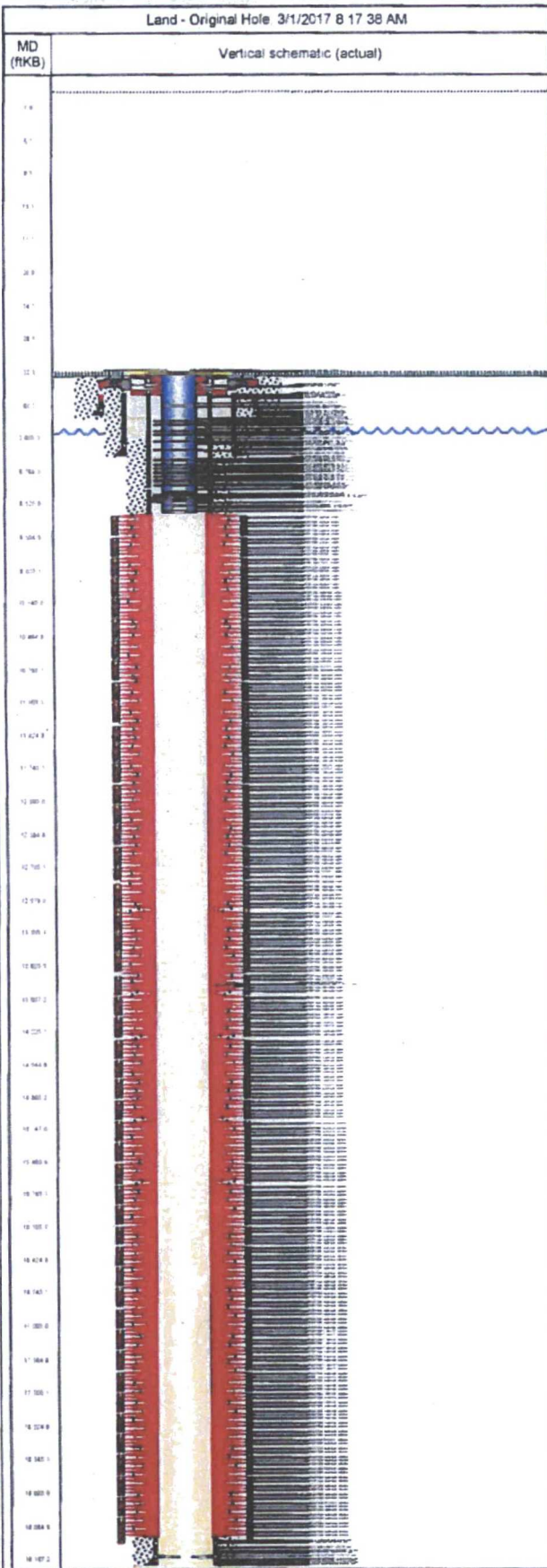
Land - Original Hole. 2/7/2017 3 00 00 PM			
MD (ft/B)	TVD (ft/B)	Incl (°)	Vertical schematic (actual)
1.0	1.0	0.0	1-1. Tubing Hanger 2 7/8 2 441.32 0 50
9.1	9.1	0.0	1-2. TUBING 2 7/8 2 441.32 30 35
11.1	11.1	0.1	1-3. TUBING SUB 2 7/8 2 441.63 8 20
11.3	11.3	0.1	1-4. TUBING 2 7/8 2 441.71 1 711 56
11.1	11.1	0.1	1-5. GAS LIFT VALVE #13 4 34 2 441 1 783 4 10
11.1	11.1	0.2	1-6. TUBING 2 7/8 2 441. 1 787 552 06
11.1	11.1	0.2	1-7. GAS LIFT VALVE #12 4 34 2 441 2 339 4 10
11.1	11.1	0.2	1-8. TUBING 2 7/8 2 441 2 343 554 40
11.1	11.1	0.2	1-9. GAS LIFT VALVE #11 4 34 2 441 2 897 4 10
11.1	11.1	0.5	1-10. TUBING 2 7/8 2 441 2 901 556 11
11.1	11.1	4.5	1-11. GAS LIFT VALVE #10 4 34 2 441 3 457 4 10
11.1	11.1	0.7	1-12. TUBING 2 7/8 2 441 3 462 555 37
11.1	11.1	1.6	1-13. GAS LIFT VALVE #9 4 34 2 441 4 017 4 10
11.1	11.1	68.1	1-14. TUBING 2 7/8 2 441 4 021 555 58
11.1	11.1	90.7	1-15. GAS LIFT VALVE #8 4 34 2 441 4 577 4 10
11.1	11.1	90.3	1-16. TUBING 2 7/8 2 441 4 581 552 87
11.1	11.1	90.0	1-17. GAS LIFT VALVE #7 4 34 2 441 5 134 4 10
11.1	11.1	87.8	1-18. TUBING 2 7/8 2 441 5 138 550 98
11.1	11.1	81.4	1-19. GAS LIFT VALVE #6 4 34 2 441 5 689 4 10
11.1	11.1	82.4	1-20. TUBING 2 7/8 2 441 5 693 518 49
11.1	11.1	91.5	1-21. GAS LIFT VALVE #5 4 34 2 441 6 211 4 10
11.1	11.1	90.2	1-22. TUBING 2 7/8 2 441 6 215 552 68
11.1	11.1	87.0	1-23. GAS LIFT VALVE #4 4 34 2 441 6 768 4 10
11.1	11.1	88.4	1-24. TUBING 2 7/8 2 441 6 772 549 18
11.1	11.1	87.6	1-25. GAS LIFT VALVE #3 4 34 2 441 7 321 4 10
11.1	11.1	90.0	1-26. TUBING 2 7/8 2 441 7 325 555 45
11.1	11.1	89.0	1-27. GAS LIFT VALVE #2 4 34 2 441 7 881 4 10
11.1	11.1	92.2	1-28. TUBING 2 7/8 2 441 7 885 584 00
11.1	11.1	89.0	1-29. GAS LIFT VALVE #1 4 34 2 441 8 469 4 10
11.1	11.1	89.7	1-30. TUBING 2 7/8 2 441 8 473 30 85
11.1	11.1	89.2	1-31. Jet Pump BHA 2 7/8 8 504 6 30
11.1	11.1	89.2	1-32. ON-OFF TOOL 2 313 X PROFILE 4 1/2 2 313 8 510 1 50
11.1	11.1	89.7	1-33. 450 WL HORNET PACKER 4 1/2 2 370 8 512 7 75
11.1	11.1	89.5	1-34. Tubing 2 7/8 2 441 8 519 6 16
11.1	11.1	88.0	1-35. 2 313 XN Nipple 2 7/8 2 205 8 526 1 15
11.1	11.1	89.9	1-36. Tubing Sub 2 7/8 2 441 8 527 6 16
11.1	11.1	92.0	1-37. Tubing PUMP OUT Plug 2 7/8 2 441 8 533 0 44
11.1	11.1	91.9	
11.1	11.1	88.6	
11.1	11.1	89.8	
11.1	11.1	92.3	
11.1	11.1	88.3	
11.1	11.1	90.3	
11.1	11.1	91.0	

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	6.16	8,519.5	8,525.6
1	2 313 XN Nipple	2 7/8	2 205			8RD	1.15	8,525.6	8,526.8
1	Tubing Sub	2 7/8	2 441	6.50	L-80	8RD	6.16	8,526.8	8,532.9
1	Tubing PUMP OUT Plug	2 7/8	2 441			8RD	0.44	8,532.9	8,533.4
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)		



Wellbore Schematic

Well Name SALADO DRAW WE 24 FED P23 002H	Lease	Field Name JENNINGS	Business Unit Mid-Continent
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Job Details						
Job Category			Start Date		Rig/Unit End Date	
Completion			12/10/2016		12/17/2016	
Completion			12/17/2016		1/17/2017	
Completion			1/18/2017		1/23/2017	
Completion			2/6/2017		2/8/2017	
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		749	
Intermediate Casing 1	9 5/8	40.00	HCK-55		4,610	
Production Casing	5 1/2	20.00	P-110	TXP-BTC	19,245	
Tubing Strings						
Tubing - Production set at 8,533.4ftKB on 2/7/2017 15:00						
Tubing Description			Run Date	String Length (ft)	Set Depth (MD) (ftKB)	
Tubing - Production			2/7/2017	8,501.39	8,533.4	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Tubing Hanger	1	2 7/8			0.50	32.5
TUBING	1	2 7/8	6.50	L-80	30.35	62.8
TUBING SUB	1	2 7/8	6.50	L-80	8.20	71.0
TUBING	56	2 7/8	6.50	L-80	1,711.58	1,782.6
GAS LIFT VALVE #13	1	4 3/35			4.10	1,786.7
TUBING	18	2 7/8	6.50	L-80	552.06	2,338.8
GAS LIFT VALVE #12	1	4 3/35			4.10	2,342.9
TUBING	18	2 7/8	6.50	L-80	554.40	2,897.3
GAS LIFT VALVE #11	1	4 3/35			4.10	2,901.4
TUBING	18	2 7/8	6.50	L-80	556.11	3,457.5
GAS LIFT VALVE #10	1	4 3/35			4.10	3,461.6
TUBING	18	2 7/8	6.50	L-80	555.37	4,016.9
GAS LIFT VALVE #9	1	4 3/35			4.10	4,021.0
TUBING	18	2 7/8	6.50	L-80	555.58	4,576.6
GAS LIFT VALVE #8	1	4 3/35			4.10	4,580.7
TUBING	18	2 7/8	6.50	L-80	552.87	5,133.6
GAS LIFT VALVE #7	1	4 3/35			4.10	5,137.7
TUBING	18	2 7/8	6.50	L-80	550.98	5,688.7
GAS LIFT VALVE #6	1	4 3/35			4.10	5,692.8
TUBING	17	2 7/8	6.50	L-80	518.49	6,211.3
GAS LIFT VALVE #5	1	4 3/35			4.10	6,215.4
TUBING	18	2 7/8	6.50	L-80	552.68	6,768.0
GAS LIFT VALVE #4	1	4 3/35			4.10	6,772.1
TUBING	18	2 7/8	6.50	L-80	549.16	7,321.3
GAS LIFT VALVE #3	1	4 3/35			4.10	7,325.4
TUBING	18	2 7/8	6.50	L-80	555.45	7,880.9
GAS LIFT VALVE #2	1	4 3/35			4.10	7,885.0
TUBING	19	2 7/8	6.50	L-80	584.00	8,469.0
GAS LIFT VALVE #1	1	4 3/35			4.10	8,473.1
TUBING	1	2 7/8	6.50	L-80	30.85	8,503.9
Jet Pump BHA	1	2 7/8			6.30	8,510.2
ON-OFF TOOL 2 3/13 X PROFILE	1	4 1/2			1.50	8,511.7
450 WL HORNET PACKER	1	4 1/2			7.75	8,519.5
Tubing	1	2 7/8	6.50	L-80	6.16	8,525.6
2 3/13 XN Nipple	1	2 7/8			1.15	8,526.8
Tubing Sub	1	2 7/8	6.50	L-80	6.16	8,532.9
Tubing PUMP OUT Plug	1	2 7/8			0.44	8,533.4
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Linked Zone	
1/17/2017	9,305.0	9,307.0	6.0	8	Avalon, Original Hole	
1/17/2017	9,345.0	9,347.0	6.0	8	Avalon, Original Hole	
1/17/2017	9,385.0	9,387.0	6.0	8	Avalon, Original Hole	
1/17/2017	9,425.0	9,427.0	6.0	8	Avalon, Original Hole	



Wellbore Schematic

Well Name SALADO DRAW WE 24 FED P23 002H	Field Name JENNINGS	Business Unit Mid-Continent
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Land - Original Hole, 3/1/2017 8 17 39 AM		Perforations				
MD (ftKB)	Vertical schematic (actual)	Date	Top (ftKB)	Bot (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
9.8		1/17/2017	9.465.0	9.467.0	6.0	8
9.7		1/16/2017	9.505.0	9.507.0	6.0	8
9.5		1/16/2017	9.545.0	9.547.0	6.0	8
9.3		1/16/2017	9.585.0	9.587.0	6.0	8
9.1		1/16/2017	9.625.0	9.627.0	6.0	8
8.9		1/16/2017	9.665.0	9.667.0	6.0	8
8.7		1/16/2017	9.705.0	9.707.0	6.0	8
8.5		1/16/2017	9.745.0	9.747.0	6.0	8
8.3		1/16/2017	9.785.0	9.787.0	6.0	8
8.1		1/16/2017	9.825.0	9.827.0	6.0	8
7.9		1/16/2017	9.865.0	9.867.0	6.0	8
7.7		1/15/2017	9.905.0	9.907.0	6.0	8
7.5		1/15/2017	9.945.0	9.947.0	6.0	8
7.3		1/15/2017	9.985.0	9.987.0	6.0	8
7.1		1/15/2017	10.025.0	10.027.0	6.0	8
6.9		1/15/2017	10.065.0	10.067.0	6.0	8
6.7		1/15/2017	10.105.0	10.107.0	6.0	8
6.5		1/15/2017	10.145.0	10.147.0	6.0	8
6.3		1/15/2017	10.185.0	10.187.0	6.0	8
6.1		1/15/2017	10.225.0	10.227.0	6.0	8
5.9		1/15/2017	10.265.0	10.267.0	6.0	8
5.7		1/14/2017	10.305.0	10.307.0	6.0	8
5.5		1/14/2017	10.345.0	10.347.0	6.0	8
5.3		1/14/2017	10.385.0	10.387.0	6.0	8
5.1		1/14/2017	10.425.0	10.427.0	6.0	8
4.9		1/14/2017	10.465.0	10.467.0	6.0	8
4.7		1/14/2017	10.505.0	10.507.0	6.0	8
4.5		1/14/2017	10.545.0	10.547.0	6.0	8
4.3		1/14/2017	10.585.0	10.587.0	6.0	8
4.1		1/14/2017	10.625.0	10.627.0	6.0	8
3.9		1/14/2017	10.665.0	10.667.0	6.0	8
3.7		1/13/2017	10.705.0	10.707.0	6.0	8
3.5		1/13/2017	10.745.0	10.747.0	6.0	8
3.3		1/13/2017	10.785.0	10.787.0	6.0	8
3.1		1/13/2017	10.825.0	10.827.0	6.0	8
2.9		1/13/2017	10.865.0	10.867.0	6.0	8
2.7		1/12/2017	10.905.0	10.907.0	6.0	8
2.5		1/12/2017	10.945.0	10.947.0	6.0	8
2.3		1/12/2017	10.985.0	10.987.0	6.0	8
2.1		1/12/2017	11.025.0	11.027.0	6.0	8
1.9		1/12/2017	11.065.0	11.067.0	6.0	8
1.7		1/12/2017	11.105.0	11.107.0	6.0	8
1.5		1/12/2017	11.145.0	11.147.0	6.0	8
1.3		1/12/2017	11.185.0	11.187.0	6.0	8
1.1		1/12/2017	11.225.0	11.227.0	6.0	8
0.9		1/12/2017	11.265.0	11.267.0	6.0	8
0.7		1/11/2017	11.285.0	11.287.0	6.0	8
0.5		1/11/2017	11.305.0	11.307.0	6.0	8
0.3		1/11/2017	11.345.0	11.347.0	6.0	8
0.1		1/11/2017	11.425.0	11.427.0	6.0	8
		1/11/2017	11.465.0	11.467.0	6.0	8
		1/11/2017	11.505.0	11.507.0	6.0	8
		1/11/2017	11.545.0	11.547.0	6.0	8
		1/11/2017	11.585.0	11.587.0	6.0	8
		1/11/2017	11.625.0	11.627.0	6.0	8
		1/11/2017	11.665.0	11.667.0	6.0	8
		1/10/2017	11.705.0	11.707.0	6.0	8
		1/10/2017	11.745.0	11.747.0	6.0	8



Wellbore Schematic

Well Name SALADO DRAW WE 24 FED P23 002H	Lease JENNINGS	Field Name JENNINGS	Business Unit Mid-Continent
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Land - Original Hole, 3/1/2017 8 17 40 AM		Perforations				
MD (ftKB)	Vertical schematic (actual)	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
1.0		1/10/2017	11 785.0	11 787.0	6.0	8 Avalon, Original Hole
2.0		1/10/2017	11 825.0	11 827.0	6.0	8 Avalon, Original Hole
3.0		1/10/2017	11 865.0	11 867.0	6.0	8 Avalon, Original Hole
4.0		1/10/2017	11 905.0	11 907.0	6.0	8 Avalon, Original Hole
5.0		1/10/2017	11 945.0	11 947.0	6.0	8 Avalon, Original Hole
6.0		1/10/2017	11 985.0	11 987.0	6.0	8 Avalon, Original Hole
7.0		1/10/2017	12 025.0	12 027.0	6.0	8 Avalon, Original Hole
8.0		1/10/2017	12 065.0	12 067.0	6.0	8 Avalon, Original Hole
9.0		1/9/2017	12 105.0	12 107.0	6.0	8 Avalon, Original Hole
10.0		1/9/2017	12 145.0	12 147.0	6.0	8 Avalon, Original Hole
11.0		1/9/2017	12 185.0	12 187.0	6.0	8 Avalon, Original Hole
12.0		1/9/2017	12 225.0	12 227.0	6.0	8 Avalon, Original Hole
13.0		1/9/2017	12 265.0	12 267.0	6.0	8 Avalon, Original Hole
14.0		1/9/2017	12 305.0	12 307.0	6.0	8 Avalon, Original Hole
15.0		1/9/2017	12 345.0	12 347.0	6.0	8 Avalon, Original Hole
16.0		1/9/2017	12 385.0	12 387.0	6.0	8 Avalon, Original Hole
17.0		1/9/2017	12 425.0	12 427.0	6.0	8 Avalon, Original Hole
18.0		1/9/2017	12 465.0	12 467.0	6.0	8 Avalon, Original Hole
19.0		1/8/2017	12 505.0	12 507.0	6.0	8 Avalon, Original Hole
20.0		1/8/2017	12 545.0	12 547.0	6.0	8 Avalon, Original Hole
21.0		1/8/2017	12 585.0	12 587.0	6.0	8 Avalon, Original Hole
22.0		1/8/2017	12 625.0	12 627.0	6.0	8 Avalon, Original Hole
23.0		1/8/2017	12 665.0	12 667.0	6.0	8 Avalon, Original Hole
24.0		1/8/2017	12 705.0	12 707.0	6.0	8 Avalon, Original Hole
25.0		1/8/2017	12 745.0	12 747.0	6.0	8 Avalon, Original Hole
26.0		1/8/2017	12 785.0	12 787.0	6.0	8 Avalon, Original Hole
27.0		1/7/2017	12 803.0	12 805.0	6.0	8 Avalon, Original Hole
28.0		1/8/2017	12 925.0	12 927.0	6.0	8 Avalon, Original Hole
29.0		1/7/2017	12 940.0	12 942.0	6.0	8 Avalon, Original Hole
30.0		1/8/2017	12 965.0	12 967.0	6.0	8 Avalon, Original Hole
31.0		1/7/2017	12 977.0	12 979.0	6.0	8 Avalon, Original Hole
32.0		1/7/2017	13 014.0	13 016.0	6.0	8 Avalon, Original Hole
33.0		1/7/2017	13 051.0	13 053.0	6.0	8 Avalon, Original Hole
34.0		1/6/2017	13 105.0	13 107.0	6.0	8 Avalon, Original Hole
35.0		1/6/2017	13 145.0	13 147.0	6.0	8 Avalon, Original Hole
36.0		1/6/2017	13 185.0	13 187.0	6.0	8 Avalon, Original Hole
37.0		1/6/2017	13 225.0	13 227.0	6.0	8 Avalon, Original Hole
38.0		1/6/2017	13 265.0	13 267.0	6.0	8 Avalon, Original Hole
39.0		1/6/2017	13 305.0	13 307.0	6.0	8 Avalon, Original Hole
40.0		1/5/2017	13 345.0	13 347.0	6.0	8 Avalon, Original Hole
41.0		1/5/2017	13 385.0	13 387.0	6.0	8 Avalon, Original Hole
42.0		1/5/2017	13 425.0	13 427.0	6.0	8 Avalon, Original Hole
43.0		1/5/2017	13 465.0	13 467.0	6.0	8 Avalon, Original Hole
44.0		1/5/2017	13 505.0	13 507.0	6.0	8 Avalon, Original Hole
45.0		1/5/2017	13 545.0	13 547.0	6.0	8 Avalon, Original Hole
46.0		1/5/2017	13 585.0	13 587.0	6.0	8 Avalon, Original Hole
47.0		1/5/2017	13 625.0	13 627.0	6.0	8 Avalon, Original Hole
48.0		1/5/2017	13 665.0	13 667.0	6.0	8 Avalon, Original Hole
49.0		1/4/2017	13 703.0	13 705.0	6.0	8 Avalon, Original Hole
50.0		1/4/2017	13 740.0	13 742.0	6.0	8 Avalon, Original Hole
51.0		1/4/2017	13 777.0	13 779.0	6.0	8 Avalon, Original Hole
52.0		1/4/2017	13 814.0	13 816.0	6.0	8 Avalon, Original Hole
53.0		1/4/2017	13 851.0	13 853.0	6.0	8 Avalon, Original Hole
54.0		1/4/2017	13 905.0	13 907.0	6.0	8 Avalon, Original Hole
55.0		1/4/2017	13 945.0	13 947.0	6.0	8 Avalon, Original Hole
56.0		1/4/2017	13 985.0	13 987.0	6.0	8 Avalon, Original Hole
57.0		1/4/2017	14 025.0	14 027.0	6.0	8 Avalon, Original Hole
58.0		1/4/2017	14 065.0	14 067.0	6.0	8 Avalon, Original Hole



Wellbore Schematic

Well Name SALADO DRAW WE 24 FED P23 002H	Field Name JENNINGS	Business Unit Mid-Continent
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Land - Original Hole, 3/1/2017 8 17 40 AM		Perforations					
MD (ftKB)	Vertical schematic (actual)	Date	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Linked Zone
1.8		1/3/2017	14,105.0	14,107.0	6.0	8	Avalon, Original Hole
8.7		1/3/2017	14,145.0	14,147.0	6.0	8	Avalon, Original Hole
9.7		1/3/2017	14,183.0	14,185.0	6.0	8	Avalon, Original Hole
13.1		1/3/2017	14,223.0	14,225.0	6.0	8	Avalon, Original Hole
13.1		1/3/2017	14,261.0	14,263.0	6.0	8	Avalon, Original Hole
17.1		1/3/2017	14,305.0	14,307.0	6.0	8	Avalon, Original Hole
20.9		1/3/2017	14,345.0	14,347.0	6.0	8	Avalon, Original Hole
26.9		1/3/2017	14,385.0	14,387.0	6.0	8	Avalon, Original Hole
36.9		1/3/2017	14,425.0	14,427.0	6.0	8	Avalon, Original Hole
46.9		1/3/2017	14,465.0	14,467.0	6.0	8	Avalon, Original Hole
56.9		1/2/2017	14,505.0	14,507.0	6.0	8	Avalon, Original Hole
67.9		1/2/2017	14,545.0	14,547.0	6.0	8	Avalon, Original Hole
80.7		1/2/2017	14,585.0	14,587.0	6.0	8	Avalon, Original Hole
93.9		1/2/2017	14,625.0	14,627.0	6.0	8	Avalon, Original Hole
106.9		1/2/2017	14,665.0	14,667.0	6.0	8	Avalon, Original Hole
120.9		1/2/2017	14,705.0	14,707.0	6.0	8	Avalon, Original Hole
133.9		1/2/2017	14,745.0	14,747.0	6.0	8	Avalon, Original Hole
146.9		1/2/2017	14,785.0	14,787.0	6.0	8	Avalon, Original Hole
159.9		1/2/2017	14,825.0	14,827.0	6.0	8	Avalon, Original Hole
172.9		1/2/2017	14,865.0	14,867.0	6.0	8	Avalon, Original Hole
185.9		1/1/2017	14,905.0	14,907.0	6.0	8	Avalon, Original Hole
198.9		1/1/2017	14,945.0	14,947.0	6.0	8	Avalon, Original Hole
211.9		1/1/2017	14,985.0	14,987.0	6.0	8	Avalon, Original Hole
224.9		1/1/2017	15,025.0	15,027.0	6.0	8	Avalon, Original Hole
237.9		1/1/2017	15,065.0	15,067.0	6.0	8	Avalon, Original Hole
250.9		12/31/2016	15,105.0	15,111.0	6.0	8	Avalon, Original Hole
263.9		12/31/2016	15,145.0	15,147.0	6.0	8	Avalon, Original Hole
276.9		12/31/2016	15,185.0	15,187.0	6.0	8	Avalon, Original Hole
289.9		12/31/2016	15,225.0	15,227.0	6.0	8	Avalon, Original Hole
302.9		12/31/2016	15,265.0	15,267.0	6.0	8	Avalon, Original Hole
315.9		12/31/2016	15,305.0	15,307.0	6.0	8	Avalon, Original Hole
328.9		12/31/2016	15,345.0	15,347.0	6.0	8	Avalon, Original Hole
341.9		12/31/2016	15,385.0	15,387.0	6.0	8	Avalon, Original Hole
354.9		12/31/2016	15,425.0	15,427.0	6.0	8	Avalon, Original Hole
367.9		12/31/2016	15,465.0	15,467.0	6.0	8	Avalon, Original Hole
380.9		12/30/2016	15,505.0	15,507.0	6.0	8	Avalon, Original Hole
393.9		12/30/2016	15,545.0	15,547.0	6.0	8	Avalon, Original Hole
406.9		12/30/2016	15,585.0	15,587.0	6.0	8	Avalon, Original Hole
419.9		12/30/2016	15,625.0	15,627.0	6.0	8	Avalon, Original Hole
432.9		12/30/2016	15,665.0	15,667.0	6.0	8	Avalon, Original Hole
445.9		12/29/2016	15,705.0	15,707.0	6.0	8	Avalon, Original Hole
458.9		12/29/2016	15,745.0	15,747.0	6.0	8	Avalon, Original Hole
471.9		12/29/2016	15,785.0	15,787.0	6.0	8	Avalon, Original Hole
484.9		12/29/2016	15,825.0	15,827.0	6.0	8	Avalon, Original Hole
497.9		12/29/2016	15,865.0	15,867.0	6.0	8	Avalon, Original Hole
510.9		12/29/2016	15,905.0	15,907.0	6.0	8	Avalon, Original Hole
523.9		12/29/2016	15,945.0	15,947.0	6.0	8	Avalon, Original Hole
536.9		12/29/2016	15,985.0	15,987.0	6.0	8	Avalon, Original Hole
549.9		12/29/2016	16,025.0	16,027.0	6.0	8	Avalon, Original Hole
562.9		12/29/2016	16,065.0	16,067.0	6.0	8	Avalon, Original Hole
575.9		12/28/2016	16,105.0	16,107.0	6.0	8	Avalon, Original Hole
588.9		12/28/2016	16,145.0	16,147.0	6.0	8	Avalon, Original Hole
601.9		12/28/2016	16,185.0	16,187.0	6.0	8	Avalon, Original Hole
614.9		12/28/2016	16,225.0	16,227.0	6.0	8	Avalon, Original Hole
627.9		12/28/2016	16,265.0	16,267.0	6.0	8	Avalon, Original Hole
640.9		12/27/2016	16,305.0	16,307.0	6.0	8	Avalon, Original Hole
653.9		12/27/2016	16,345.0	16,347.0	6.0	8	Avalon, Original Hole
666.9		12/27/2016	16,385.0	16,387.0	6.0	8	Avalon, Original Hole



Wellbore Schematic

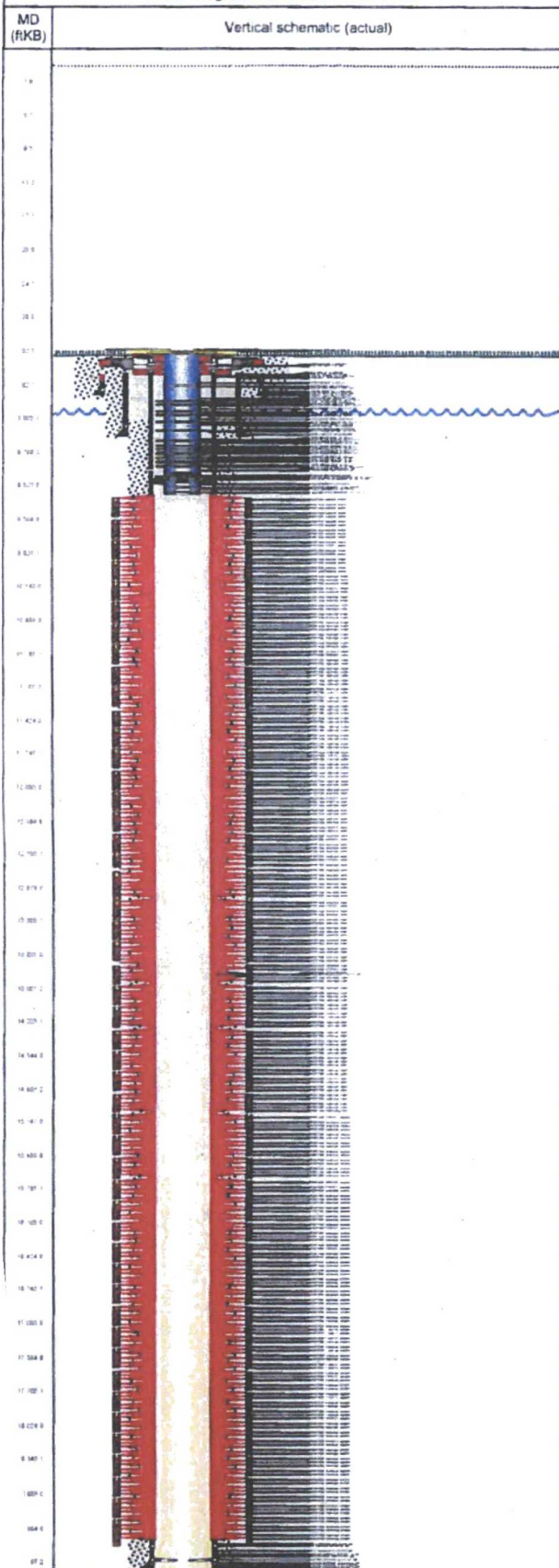
Well Name
SALADO DRAW WE 24 FED P23 002H

Lease

Field Name
JENNINGS

Business Unit
Mid-Continent

Land - Original Hole 3/1/2017 8 17 41 AM



Perforations

Date	Top (ftKB)	Botm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Linked Zone
12/27/2016	16,425.0	16,427.0	6.0	8	Avalon, Original Hole
12/27/2016	16,465.0	16,467.0	6.0	8	Avalon, Original Hole
12/27/2016	16,505.0	16,507.0	6.0	8	Avalon, Original Hole
12/27/2016	16,545.0	16,547.0	6.0	8	Avalon, Original Hole
12/27/2016	16,585.0	16,587.0	6.0	8	Avalon, Original Hole
12/27/2016	16,625.0	16,627.0	6.0	8	Avalon, Original Hole
12/27/2016	16,665.0	16,667.0	6.0	8	Avalon, Original Hole
12/26/2016	16,705.0	16,707.0	6.0	8	Avalon, Original Hole
12/26/2016	16,745.0	16,747.0	6.0	8	Avalon, Original Hole
12/26/2016	16,785.0	16,787.0	6.0	8	Avalon, Original Hole
12/26/2016	16,825.0	16,827.0	6.0	8	Avalon, Original Hole
12/26/2016	16,865.0	16,867.0	6.0	8	Avalon, Original Hole
12/26/2016	16,905.0	16,907.0	6.0	8	Avalon, Original Hole
12/26/2016	16,945.0	16,947.0	6.0	8	Avalon, Original Hole
12/26/2016	16,985.0	16,987.0	6.0	8	Avalon, Original Hole
12/26/2016	17,025.0	17,027.0	6.0	8	Avalon, Original Hole
12/26/2016	17,065.0	17,067.0	6.0	8	Avalon, Original Hole
12/25/2016	17,105.0	17,107.0	6.0	8	Avalon, Original Hole
12/25/2016	17,145.0	17,147.0	6.0	8	Avalon, Original Hole
12/25/2016	17,185.0	17,187.0	6.0	8	Avalon, Original Hole
12/25/2016	17,225.0	17,227.0	6.0	8	Avalon, Original Hole
12/25/2016	17,265.0	17,267.0	6.0	8	Avalon, Original Hole
12/25/2016	17,305.0	17,307.0	6.0	8	Avalon, Original Hole
12/25/2016	17,345.0	17,347.0	6.0	8	Avalon, Original Hole
12/25/2016	17,385.0	17,387.0	6.0	8	Avalon, Original Hole
12/25/2016	17,425.0	17,427.0	6.0	8	Avalon, Original Hole
12/25/2016	17,465.0	17,467.0	6.0	8	Avalon, Original Hole
12/24/2016	17,505.0	17,507.0	6.0	8	Avalon, Original Hole
12/24/2016	17,545.0	17,547.0	6.0	8	Avalon, Original Hole
12/24/2016	17,585.0	17,587.0	6.0	8	Avalon, Original Hole
12/24/2016	17,625.0	17,627.0	6.0	8	Avalon, Original Hole
12/24/2016	17,665.0	17,667.0	6.0	8	Avalon, Original Hole
12/23/2016	17,705.0	17,707.0	6.0	8	Avalon, Original Hole
12/23/2016	17,745.0	17,747.0	6.0	8	Avalon, Original Hole
12/23/2016	17,785.0	17,787.0	6.0	8	Avalon, Original Hole
12/23/2016	17,825.0	17,827.0	6.0	8	Avalon, Original Hole
12/23/2016	17,865.0	17,867.0	6.0	8	Avalon, Original Hole
12/23/2016	17,905.0	17,907.0	6.0	8	Avalon, Original Hole
12/23/2016	17,945.0	17,947.0	6.0	8	Avalon, Original Hole
12/23/2016	17,985.0	17,987.0	6.0	8	Avalon, Original Hole
12/23/2016	18,025.0	18,027.0	6.0	8	Avalon, Original Hole
12/23/2016	18,065.0	18,067.0	6.0	8	Avalon, Original Hole
12/22/2016	18,105.0	18,107.0	6.0	8	Avalon, Original Hole
12/22/2016	18,145.0	18,147.0	6.0	8	Avalon, Original Hole
12/22/2016	18,185.0	18,187.0	6.0	8	Avalon, Original Hole
12/22/2016	18,225.0	18,227.0	6.0	8	Avalon, Original Hole
12/22/2016	18,265.0	18,267.0	6.0	8	Avalon, Original Hole
12/22/2016	18,305.0	18,307.0	6.0	8	Avalon, Original Hole
12/22/2016	18,345.0	18,347.0	6.0	8	Avalon, Original Hole
12/22/2016	18,385.0	18,387.0	6.0	8	Avalon, Original Hole
12/22/2016	18,425.0	18,427.0	6.0	8	Avalon, Original Hole
12/22/2016	18,465.0	18,467.0	6.0	8	Avalon, Original Hole
12/21/2016	18,505.0	18,507.0	6.0	8	Avalon, Original Hole
12/21/2016	18,545.0	18,547.0	6.0	8	Avalon, Original Hole
12/21/2016	18,585.0	18,587.0	6.0	8	Avalon, Original Hole
12/21/2016	18,625.0	18,627.0	6.0	8	Avalon, Original Hole
12/21/2016	18,665.0	18,667.0	6.0	8	Avalon, Original Hole
12/21/2016	18,705.0	18,707.0	6.0	8	Avalon, Original Hole



Wellbore Schematic

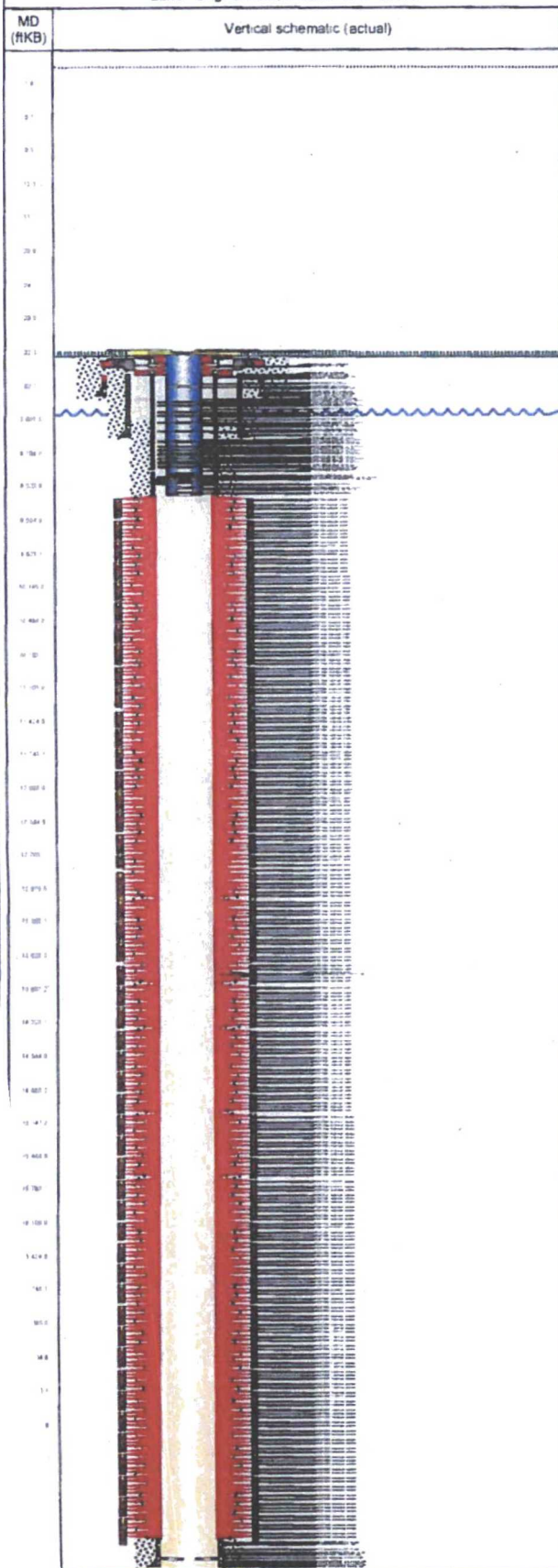
Well Name
SALADO DRAW WE 24 FED P23 002H

LOG#

Field Name
JENNINGS

Business Unit
Mid-Continent

Land - Original Hole, 3/1/2017 8 17 42 AM



Perforations

Date	Top (ftKB)	Botm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Linked Zone
12/21/2016	18,745.0	18,747.0	6.0	8	Avalon, Original Hole
12/21/2016	18,785.0	18,787.0	6.0	8	Avalon, Original Hole
12/21/2016	18,825.0	18,827.0	6.0	8	Avalon, Original Hole
12/21/2016	18,865.0	18,867.0	6.0	8	Avalon, Original Hole
12/16/2016	18,905.0	18,906.3	6.0	8	Avalon, Original Hole
12/16/2016	18,945.0	18,946.3	6.0	8	Avalon, Original Hole
12/16/2016	18,985.0	18,986.3	6.0	8	Avalon, Original Hole
12/16/2016	19,025.0	19,026.3	6.0	8	Avalon, Original Hole
12/16/2016	19,065.0	19,066.3	6.0	8	Avalon, Original Hole

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com

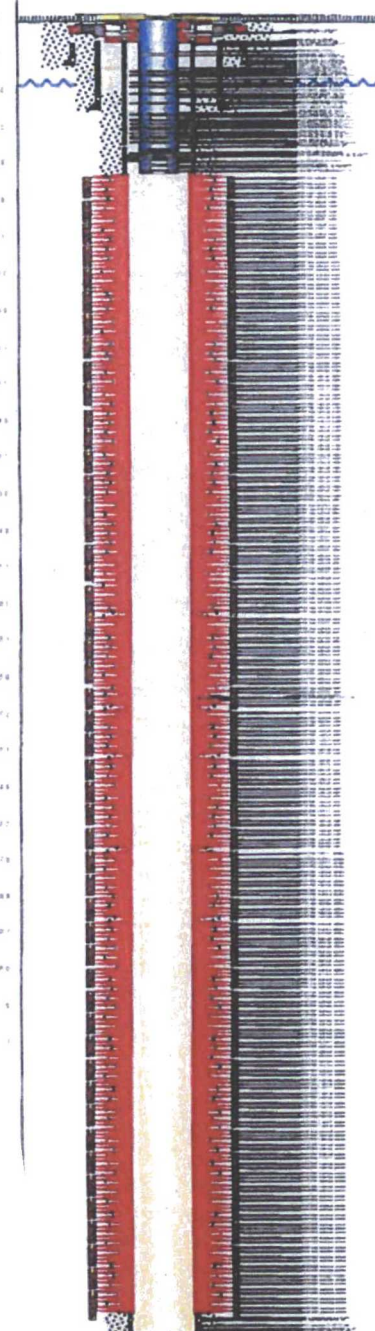
Other In Hole

Des	Top (ftKB)	Botm (ftKB)	Run Date	Pull Date	Com
Packer (retrievable)	8,513.0	8,521.0	1/27/2017		Production PKR
Tailpipe	8,521.0	8,535.0	1/27/2017		
Composite Frac Plug (drop ball)	9,485.0	9,487.0	1/17/2017	1/20/2017	Stage 49
Composite Frac Plug (drop ball)	9,685.0	9,687.0	1/16/2017	1/20/2017	Stage 48
Composite Frac Plug (drop ball)	9,885.0	9,887.0	1/16/2017	1/20/2017	Stage 47
Composite Frac Plug (drop ball)	10,085.0	10,087.0	1/15/2017	1/20/2017	Stage 46
Composite Frac Plug (drop ball)	10,285.0	10,287.0	1/15/2017	1/20/2017	Stage 45
Composite Frac Plug (drop ball)	10,485.0	10,487.0	1/14/2017	1/20/2017	Stage 44
Composite Frac Plug (drop ball)	10,685.0	10,687.0	1/14/2017	1/20/2017	Stage 43
Composite Frac Plug (drop ball)	10,885.0	10,887.0	1/13/2017	1/20/2017	Stage 42
Composite Frac Plug (drop ball)	11,085.0	11,087.0	1/12/2017	1/20/2017	Stage 41
Composite Frac Plug (drop ball)	11,285.0	11,287.0	1/12/2017	1/20/2017	Stage 40
Composite Frac Plug (drop ball)	11,485.0	11,487.0	1/11/2017	1/20/2017	Stage 39
Composite Frac Plug (drop ball)	11,685.0	11,687.0	1/11/2017	1/20/2017	Stage 38
Composite Frac Plug (drop ball)	11,885.0	11,887.0	1/10/2017	1/20/2017	Stage 37
Composite Frac Plug (drop ball)	12,085.0	12,087.0	1/10/2017	1/20/2017	Stage 36
Composite Frac Plug (drop ball)	12,285.0	12,287.0	1/9/2017	1/20/2017	Stage 35
Composite Frac Plug (drop ball)	12,485.0	12,487.0	1/9/2017	1/20/2017	Stage 34
Composite Frac Plug (drop ball)	12,685.0	12,687.0	1/8/2017	1/20/2017	Stage 33
Composite Frac Plug (drop ball)	12,885.0	12,887.0	1/8/2017	1/20/2017	Stage 32
Composite Frac Plug (drop ball)	13,085.0	13,087.0	1/7/2017	1/20/2017	Stage 31
Composite Frac Plug (drop ball)	13,285.0	13,287.0	1/6/2017	1/21/2017	Stage 30
Composite Frac Plug (drop ball)	13,485.0	13,487.0	1/5/2017	1/21/2017	Stage 29
Composite Frac Plug (drop ball)	13,685.0	13,687.0	1/5/2017	1/21/2017	Stage 28



Wellbore Schematic

Well Name SALADO DRAW WE 24 FED P23 002H	Lease	Field Name JENNINGS	Business Unit Mid-Continent
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Land - Original Hole, 3/1/2017 8 17 42 AM		Other In Hole					
MD (ftKB)	Vertical schematic (actual)	Des	Top (ftKB)	Blm (ftKB)	Run Date	Pull Date	Com
13.885		Composite Frac Plug (drop ball)	13.885	13.887	1/4/2017	1/21/2017	Stage 27
14.085		Composite Frac Plug (drop ball)	14.085	14.087	1/4/2017	1/21/2017	Stage 26
14.285		Composite Frac Plug (drop ball)	14.285	14.287	1/3/2017	1/21/2017	Stage 25
14.485		Composite Frac Plug (drop ball)	14.485	14.487	1/3/2017	1/21/2017	Stage 24
14.685		Composite Frac Plug (drop ball)	14.685	14.687	1/2/2017	1/21/2017	Stage 23
14.885		Composite Frac Plug (drop ball)	14.885	14.887	1/2/2017	1/21/2017	Stage 22
15.085		Composite Frac Plug (drop ball)	15.085	15.087	1/1/2017	1/21/2017	Stage 21
15.285		Composite Frac Plug (drop ball)	15.285	15.287	12/31/2016	1/21/2017	Stage 20
15.485		Composite Frac Plug (drop ball)	15.485	15.487	12/31/2016	1/21/2017	Stage 19
15.685		Composite Frac Plug (drop ball)	15.685	15.687	12/30/2016	1/21/2017	Stage 18
15.885		Composite Frac Plug (drop ball)	15.885	15.887	12/29/2016	1/21/2017	Stage 17
16.085		Composite Frac Plug (drop ball)	16.085	16.087	12/29/2016	1/21/2017	Stage 16
16.285		Composite Frac Plug (drop ball)	16.285	16.287	12/29/2016	1/21/2017	Stage 15
16.485		Composite Frac Plug (drop ball)	16.485	16.487	12/27/2016	1/21/2017	Stage 14
16.685		Composite Frac Plug (drop ball)	16.685	16.687	12/27/2016	1/21/2017	Stage 13
16.885		Composite Frac Plug (drop ball)	16.885	16.887	12/26/2016	1/21/2017	Stage 12
17.085		Composite Frac Plug (drop ball)	17.085	17.087	12/26/2016	1/22/2017	Stage 11
17.285		Composite Frac Plug (drop ball)	17.285	17.287	12/26/2016	1/22/2017	Stage 10
17.485		Composite Frac Plug (drop ball)	17.485	17.487	12/26/2016	1/22/2017	Stage 9
17.685		Composite Frac Plug (drop ball)	17.685	17.687	12/24/2016	1/22/2017	Stage 8
17.885		Composite Frac Plug (drop ball)	17.885	17.887	12/23/2016	1/22/2017	Stage 7
18.085		Composite Frac Plug (drop ball)	18.085	18.087	12/23/2016	1/22/2017	Stage 6
18.285		Composite Frac Plug (drop ball)	18.285	18.287	12/22/2016	1/22/2017	Stage 5
18.485		Composite Frac Plug (drop ball)	18.485	18.487	12/22/2016	1/22/2017	Stage 4
18.685		Composite Frac Plug (drop ball)	18.685	18.687	12/21/2016	1/22/2017	Stage 3
18.885		Composite Frac Plug (drop ball)	18.885	18.887	12/21/2016	1/22/2017	Stage 2