

WINS No: H9729

YELLOWJACKET UL UNIT 19-3 14H

Date: 5/14/2017

AFE No: 2104225

Daily Completion and Workover Report

DOL:

PERFORATIONS

| ZONE | DATE | SIDETRACK # | STATUS | TYPE | TOP (usft) | BASE (usft) |
|------|-----------|-------------|--------|------------|------------|-------------|
| | 5/15/2017 | OH | OPEN | PERFORATED | 11,992.0 | 11,993.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,603.0 | 12,604.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,301.0 | 12,302.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,098.0 | 12,099.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 11,927.0 | 11,928.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,334.0 | 12,335.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,538.0 | 12,539.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,570.0 | 12,571.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,505.0 | 12,506.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,269.0 | 12,270.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,163.0 | 12,164.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,432.0 | 12,433.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,196.0 | 12,197.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 11,959.0 | 11,960.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,472.0 | 12,473.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,025.0 | 12,026.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 11,894.0 | 11,895.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 11,861.0 | 11,862.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,399.0 | 12,400.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,367.0 | 12,368.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,130.0 | 12,131.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,065.0 | 12,066.0 |
| | 5/15/2017 | OH | OPEN | PERFORATED | 12,229.0 | 12,230.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,043.0 | 13,044.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,912.0 | 12,913.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,247.0 | 13,248.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,978.0 | 12,979.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,149.0 | 13,150.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,352.0 | 13,353.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,214.0 | 13,215.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,880.0 | 12,881.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,011.0 | 13,012.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,636.0 | 12,637.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,116.0 | 13,117.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,418.0 | 13,419.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,807.0 | 12,808.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,287.0 | 13,288.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,182.0 | 13,183.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,741.0 | 12,742.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,709.0 | 12,710.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,451.0 | 13,452.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,774.0 | 12,775.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,945.0 | 12,946.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,840.0 | 12,841.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,083.0 | 13,084.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 12,676.0 | 12,677.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,320.0 | 13,321.0 |
| | 5/14/2017 | OH | OPEN | PERFORATED | 13,385.0 | 13,386.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,931.0 | 13,932.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,491.0 | 13,492.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,200.0 | 14,201.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,102.0 | 14,103.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,964.0 | 13,965.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,898.0 | 13,899.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,694.0 | 13,695.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,556.0 | 13,557.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,858.0 | 13,859.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,825.0 | 13,826.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,793.0 | 13,794.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,266.0 | 14,267.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,654.0 | 13,655.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,727.0 | 13,728.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,062.0 | 14,063.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,760.0 | 13,761.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,029.0 | 14,030.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,167.0 | 14,168.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,523.0 | 13,524.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,622.0 | 13,623.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,589.0 | 13,590.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,233.0 | 14,234.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 13,996.0 | 13,997.0 |
| | 5/13/2017 | OH | OPEN | PERFORATED | 14,135.0 | 14,136.0 |

WINS No: H9729

YELLOWJACKET UL UNIT 19-3 14H

Date: 5/14/2017

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DOL:

| | | | | | | |
|--|-----------|----|------|------------|----------|----------|
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,306.0 | 14,307.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,575.0 | 14,576.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,982.0 | 14,983.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,371.0 | 14,372.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,338.0 | 14,339.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,673.0 | 14,674.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,509.0 | 14,510.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,949.0 | 14,950.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,640.0 | 14,641.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,404.0 | 14,405.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,436.0 | 14,437.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,778.0 | 14,779.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,746.0 | 14,747.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,811.0 | 14,812.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 15,048.0 | 15,049.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 15,080.0 | 15,081.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,713.0 | 14,714.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,877.0 | 14,878.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,469.0 | 14,470.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,844.0 | 14,845.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,917.0 | 14,918.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 15,015.0 | 15,016.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,542.0 | 14,543.0 |
| | 5/12/2017 | OH | OPEN | PERFORATED | 14,607.0 | 14,608.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,357.0 | 15,358.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,186.0 | 15,187.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,764.0 | 15,765.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,528.0 | 15,529.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,691.0 | 15,692.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,731.0 | 15,732.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,324.0 | 15,325.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,560.0 | 15,561.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,455.0 | 15,456.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,797.0 | 15,798.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,593.0 | 15,594.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,895.0 | 15,896.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,830.0 | 15,831.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,284.0 | 15,285.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,488.0 | 15,489.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,251.0 | 15,252.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,422.0 | 15,423.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,219.0 | 15,220.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,659.0 | 15,660.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,389.0 | 15,390.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,120.0 | 15,121.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,626.0 | 15,627.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,153.0 | 15,154.0 |
| | 5/11/2017 | OH | OPEN | PERFORATED | 15,862.0 | 15,863.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,001.0 | 16,002.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,237.0 | 16,238.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,343.0 | 16,344.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,066.0 | 16,067.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,408.0 | 16,409.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,033.0 | 16,034.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,303.0 | 16,304.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,375.0 | 16,376.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,506.0 | 16,507.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,204.0 | 16,205.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 15,935.0 | 15,936.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,473.0 | 16,474.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,270.0 | 16,271.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,139.0 | 16,140.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,441.0 | 16,442.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,099.0 | 16,100.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 15,968.0 | 15,969.0 |
| | 5/10/2017 | OH | OPEN | PERFORATED | 16,172.0 | 16,173.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,750.0 | 16,751.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 17,117.0 | 17,118.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,546.0 | 16,547.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,644.0 | 16,645.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,783.0 | 16,784.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,815.0 | 16,816.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,579.0 | 16,580.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 17,052.0 | 17,053.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,986.0 | 16,987.0 |

WINS No: H9729**YELLOWJACKET UL UNIT 19-3 14H****Date: 5/14/2017****AFE No: 2104225****Daily Completion and Workover Report****DOL:**

| | | | | | | |
|--|-----------|----|------|------------|----------|----------|
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,677.0 | 16,678.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,881.0 | 16,882.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,616.0 | 16,617.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 17,085.0 | 17,086.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 17,019.0 | 17,020.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,954.0 | 16,955.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,848.0 | 16,849.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,710.0 | 16,711.0 |
| | 5/9/2017 | OH | OPEN | PERFORATED | 16,914.0 | 16,915.0 |
| | 4/22/2017 | OH | OPEN | PERFORATED | 17,157.0 | 17,158.0 |
| | 4/22/2017 | OH | OPEN | PERFORATED | 17,223.0 | 17,224.0 |
| | 4/22/2017 | OH | OPEN | PERFORATED | 17,256.0 | 17,257.0 |
| | 4/22/2017 | OH | OPEN | PERFORATED | 17,190.0 | 17,191.0 |
| | 4/22/2017 | OH | OPEN | PERFORATED | 17,288.0 | 17,289.0 |
| | 4/22/2017 | OH | OPEN | PERFORATED | 17,321.0 | 17,322.0 |

SUMMARY

FRAC 20 - 23 STAGE. PLACING 2,707,380 LBS OF 100 MESH IN 45,556 BBLS OF SW.

PLUG AND PERF STG #20 - 23 WITH (96) SHOTS OF EXP-2716-421T CHARGES, 16 GM 0.38" EHD 4 SPF FROM 13,452' - 12,676'

WINS No: H9729

YELLOWJACKET UL UNIT 19-3 14H

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Daily Completion and Workover Report

DOL:

OPERATION DETAILS

| HOURS | DUR (hr) | PHASE | CODE | SUB | DESCRIPTION |
|---------------|----------|-------|--------------------|-----------------------------------|--|
| 00:00 - 00:32 | 0.53 | FRAC | 37 P - PERFORATING | E - PERFORATE CASING | <p>STAGE #20.</p> <p>RIH W/ (6) - 1' X 3.125" (24 SHOTS) GUN W/ TITAN EXP-2716-421T CHARGES, 16GM 0.38" EHD LOADED 4 SPF, 60 DEG PHS & FTCBP. PUMP TOOLS DOWN IN LATERAL SECTION, RUN SPEED: 20 - 350 FPM 3 BPM @ 5,400 PSI 6 BPM @ 5,526 PSI 10 BPM @ 5,830 PSI MAX PRESS - 5,922 PSI PDV- 49 BBLS</p> <p>PULL INTO POSITION & PERF INTERVALS FROM FTCBP 13,471' 13,451' - 52' 13,418' - 19' 13,385' - 86' 13,352' - 53' 13,320' - 21' 13,287' - 88' POOH ABOVE TOOL TRAP & CLOSE UPPER FRAC VALVE TO MAKE SURE TOOL STRING WAS ABOVE(IT WAS). LAY GUNS DOWN. CONFIRMED ALL SHOTS FIRED.</p> |
| 00:32 - 01:20 | 0.80 | FRAC | 36 P - FRACING | 1 - RU / RD FRAC EQP | <p>LAI D DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. 00:40 TURN OVER TO FRAC CHANGE 2 PUMPS & PT LINES.</p> |
| 01:20 - 04:26 | 3.10 | FRAC | 36 P - FRACING | H - SAND SLICKWATER FRAC | <p>STG #20</p> <p>ATR: 69.2 BPM SW: 10,576 BBLS ATP: 6,778 PSI PDV: 42 BBLS MTR: 70.4 BPM TOTAL FLUIDS: 11,283 BBLS MTP: 7,756 PSI 100 M: 517,720 LBS</p> <p>15%: 28.6 BBLS ISIP - 4,898 PSIG FG - 0.861 PSI/FT</p> <p>NON-PRODUCTIVE TIME: 0.00 HRS</p> <p>STAGE REMARKS: OPENED WELL AT 01:12 WITH 4,479 PSI. PUMPED 1,200 GALLONS 15% HCL ACID (GOOD BREAK). BALL SEAT OBSERVED AT 5,010 PSI, 328 BBLS, AT 15.0 BPM AND A BREAK OF 5,224 PSI. INCREASED RATE, AND DECREASED FR CONCENTRATION PRESSURE PERMITTING. INCREASED FR TO 0.7 GPT 2.0 PPG TO PREPARE FOR FLUSH. FLUSHED AT 70 BPM. DROPPED 20 GALLONS OF STIM GEL BEFORE MARKING FLUSH. OVER-FLUSHED 200 BBLS. ALL PROPPANT PLACED</p> |
| 04:26 - 04:46 | 0.33 | FRAC | 37 P - PERFORATING | 1 - RU / RD PERFORATING EQUIPMENT | <p>P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.</p> |
| 04:46 - 05:50 | 1.07 | FRAC | 37 P - PERFORATING | E - PERFORATE CASING | <p>STAGE #21.</p> <p>RIH W/ (6) - 1' X 3.125" (24 SHOTS) GUN W/ TITAN EXP-2716-421T CHARGES, 16GM 0.38" EHD LOADED 4 SPF, 60 DEG PHS & FTCBP. PUMP TOOLS DOWN IN LATERAL SECTION, RUN SPEED: 20 - 350 FPM 3 BPM @ 5,320 PSI 6 BPM @ 5,424 PSI 10 BPM @ 5,685 PSI MAX PRESS - 5,685 PSI PDV- 42 BBLS</p> <p>PULL INTO POSITION & PERF INTERVALS FROM FTCBP 13,267' 13,247' - 48' 13,214' - 15' 13,182' - 83' 13,149' - 50' 13,116' - 17' 13,083' - 84' POOH ABOVE TOOL TRAP & CLOSE UPPER FRAC VALVE TO MAKE SURE TOOL STRING WAS ABOVE(IT WAS). LAY GUNS DOWN. CONFIRMED ALL SHOTS FIRED.</p> |
| 05:50 - 06:18 | 0.47 | FRAC | 36 P - FRACING | 1 - RU / RD FRAC EQP | <p>LAI D DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. 06:02 TURN OVER TO FRAC PT LINES.</p> |

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OPERATION DETAILS

| HOURS | DUR (hr) | PHASE | CODE | SUB | DESCRIPTION |
|---------------|----------|-------|--------------------|-----------------------------------|--|
| 06:18 - 09:35 | 3.28 | FRAC | 36 P - FRACING | H - SAND SLICKWATER FRAC | <p>STG #21</p> <p>ATR: 68.9 BPM SW: 9,860 BBLS ATP: 6,819 PSI PDV: 40 BBLS MTR: 71.3 BPM TOTAL FLUIDS: 10,563 BBLS MTP: 8,011 PSI 100 M: 518,160 LBS</p> <p>15%: 28.6 BBLS ISIP - 4,934 PSIG FG - 0.863 PSI/FT</p> <p>NON-PRODUCTIVE TIME: 0.4 HRS</p> <p>STAGE REMARKS: OPENED WELL AT 06:11 WITH 4,424 PSI. PUMPED 1,200 GALLONS 15% HCL ACID (GOOD BREAK). BALL SEAT OBSERVED AT 5,234 PSI, 308 BBLS, AT 15.0 BPM AND A BREAK OF 5,673 PSI. INCREASED RATE, AND DECREASED FR CONCENTRATION PRESSURE PERMITTING. INCREASED FR TO 1.0 GPT 2.25 PPG TO PREPARE FOR FLUSH. FLUSHED AT 70 BPM. DURING 0.5 PPG WE LOST THE WATER FROM THE TANKS DUE TO WATER TRANSFER HAVING THEIR VALVES CLOSED IN. A QUICK SHUTDOWN WAS INITIATED TO PREVENT LOSING PRIME ON THE PUMPS AND ONCE THE TANKS WERE ABOUT 5 FT FULL WE STARTED BACK UP AT 30 BPM AND GOT BACK ON SCHEDULE (NPT ON BREAK WATER TRANSFER FROM 7:01-7:24, 0.4 HRS). PROPPANT CONCENTRATION WAS INCREASED BY 0.25 PPG ON ALL FURTHER STAGES AFTER THE 1 PPG TO KEEP UP WITH DESIGNED WATER VOLUME AND CONTROL PUMP TIME (PRICING). DROPPED 30 GALLONS OF STIM GEL BEFORE MARKING FLUSH. OVER-FLUSHED 200 BBLS. ALL PROPPANT PLACED.</p> |
| 09:35 - 09:52 | 0.28 | FRAC | 37 P - PERFORATING | 1 - RU / RD PERFORATING EQUIPMENT | <p>P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.</p> |
| 09:52 - 11:18 | 1.43 | FRAC | 37 P - PERFORATING | E - PERFORATE CASING | <p>STAGE #22.</p> <p>RIH W/ (6) - 1' X 3.125" (24 SHOTS) GUN W/ TITAN EXP-2716-421T CHARGES, 16GM 0.38" EHD LOADED 4 SPF, 60 DEG PHS & FTCBP. PUMP TOOLS DOWN IN LATERAL SECTION, RUN SPEED: 20 - 350 FPM 3 BPM @ 5,400 PSI 6 BPM @ 5,556 PSI 10 BPM @ 5,700 PSI MAX PRESS - 5,920 PSI PDV- 40 BBLS</p> <p>PULL INTO POSITION & PERF INTERVALS FROM FTCBP 13,063' 13,043' - 44' 13,011' - 12' 12,978' - 79' 12,945' - 46' 12,912' - 13' 12,880' - 81' POOH ABOVE TOOL TRAP & CLOSE UPPER FRAC VALVE TO MAKE SURE TOOL STRING WAS ABOVE(IT WAS). LAY GUNS DOWN. CONFIRMED ALL SHOTS FIRED.</p> |
| 11:18 - 11:28 | 0.17 | FRAC | 36 P - FRACING | 1 - RU / RD FRAC EQP | <p>LAI D DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. 11:24 TURN OVER TO FRAC, PT LINES.</p> |

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| HOURS | DUR (hr) | PHASE | CODE | SUB | DESCRIPTION |
|---------------|----------|-------|--------------------|-----------------------------------|---|
| 11:28 - 15:06 | 3.63 | FRAC | 36 P - FRACING | H - SAND SLICKWATER FRAC | <p>STG #22</p> <p>ATR: 67.2 BPM SW: 10,676 BBLS ATP: 6,839 PSI PDV: 33 BBLS MTR: 71.0 BPM TOTAL FLUIDS: 11,370 BBLS MTP: 8,223 PSI 100 M: 514,320 LBS</p> <p>15%: 28.6 BBLS ISIP - 4,781 PSIG FG - 0.850 PSI/FT</p> <p>NON-PRODUCTIVE TIME: 0.00 HRS</p> <p>STAGE REMARKS: OPENED WELL AT 11:52 WITH 4,376 PSI. PUMPED 1,200 GALLONS 15% HCL ACID (GOOD BREAK). BALL SEAT OBSERVED AT 5,356 PSI, 309 BBLS, AT 15.1 BPM AND A BREAK OF 6,585 PSI. INCREASED RATE, AND DECREASED FR CONCENTRATION PRESSURE PERMITTING. DURING 1 PPG, CLEAN PUMP 2124 HAD RPMS BOUNCING AROUND SO IT WAS TAKEN OFFLINE FOR PUMP MAINTENANCE ISSUES. ALSO DURING 1 PPG, DIRTY PUMP 1548 WAS LEAKING OIL SO WE CUT SAND, CLEANED OUT THE FRAC SPREAD, SHUT DOWN MOMENTARILY, CLOSED IN THE PUMP, AND GOT BACK TO RATE AND DESIGNED PROPPANT CONCENTRATION. INCREASED FR TO 0.7 GPT 2.0 PPG TO PREPARE FOR FLUSH. FLUSHED AT 70 BPM. DROPPED 20 GALLONS OF STIM GEL BEFORE MARKING FLUSH. OVER-FLUSHED 200 BBLS. ALL PROPPANT PLACED.</p> |
| 15:06 - 15:22 | 0.27 | FRAC | 37 P - PERFORATING | 1 - RU / RD PERFORATING EQUIPMENT | <p>P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.</p> |
| 15:22 - 16:50 | 1.47 | FRAC | 37 P - PERFORATING | E - PERFORATE CASING | <p>STAGE #23.</p> <p>RIH W/ (6) - 1' X 3.125" (24 SHOTS) GUN W/ TITAN EXP-2716-421T CHARGES, 16GM 0.38" EHD LOADED 4 SPF, 60 DEG PHS & FTCBP. PUMP TOOLS DOWN IN LATERAL SECTION, RUN SPEED: 20- 350 FPM 3 BPM @ 5,300 PSI 6 BPM @ 5,430 PSI 9 BPM @ 5,525 PSI MAX PRESS - 5,690 PSI PDV- 33 BBLS PULL INTO POSITION & PERF INTERVALS FROM FTCBP 12,860' 12,844' - 45' 12,807' - 08' 12,774' - 75' 12,741' - 42' 12,709' - 10' 12,676' - 77' POOH ABOVE TOOL TRAP & CLOSE UPPER FRAC VALVE TO MAKE SURE TOOL STRING WAS ABOVE(IT WAS). LAY GUNS DOWN. CONFIRMED ALL SHOTS FIRED.</p> |
| 16:50 - 17:10 | 0.33 | FRAC | 36 P - FRACING | 1 - RU / RD FRAC EQP | <p>LAID DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. GREASED FS. TURN OVER TO FRAC, PT LINES.</p> |
| 17:10 - 19:05 | 1.92 | FRAC | 46 W - WAITING | C - WEATHER | <p>SD FOR ADVERSE WEATHER TO PASS.</p> |

WINS No: H9729

YELLOWJACKET UL UNIT 19-3 14H

Date: 5/14/2017

AFE No: 2104225

Daily Completion and Workover Report

DOL:

OPERATION DETAILS

| HOURS | DUR (hr) | PHASE | CODE | SUB | DESCRIPTION |
|---------------|-------------|-------|---------------------------|---|--|
| 19:05 - 23:15 | 4.17 | FRAC | 36 P - FRACING | H - SAND SLICKWATER FRAC | <p>STG #23</p> <p>ATR: 60.7 BPM SW: 11,628 BBLS ATP: 6,283 PSI PDV: 56 BBLS MTR: 68.9 BPM TOTAL FLUIDS: 12,340 BBLS MTP: 8,353 PSI 100 M: 520,180 LBS</p> <p>15%: 28.6 BBLS ISIP - 4,903 PSIG FG - 0.862 PSI/FT</p> <p>NON-PRODUCTIVE TIME: 2.3 HRS</p> <p>STAGE REMARKS: NPT 2.3 TOTAL HRS (17:17- 18:32 1.2 HRS WEATHER)(19:32-19:04 .5 HRS WATER TRANSFER LEAK) (20:55-21:00 .05 MIN CLOSE HOSE ON PUMP) (21:50-22:20 .5 HRS RIG DOWN PUMP 1230) OPENED WELL AT 19:10 WITH 4,243 PSI. PUMPED 1,200 GALLONS 15% HCL ACID (GOOD BREAK). BALL SEAT OBSERVED AT 5,324 PSI, 305 BBLS, AT 15.0 BPM AND A BREAK OF 6,320 PSI. INCREASED RATE, AND DECREASED FR CONCENTRATION PRESSURE PERMITTING. INCREASED FR TO 0.7 GPT 2.0 PPG TO PREPARE FOR FLUSH. FLUSHED AT 70 BPM. DROPPED 20 GALLONS OF STIM GEL BEFORE MARKING FLUSH. OVER-FLUSHED 200 BBLS. ALL PROPPANT PLACED. LOST PUMP 1230 (PACKING) DURING THE 1.25 PPG SAND STAGE CUT SAND FLUSHED SURFACE EQUIPMENT SHUTDOWN MOMENTARILY FOR FOUR MINUTES TO CLOSED HOSE ON PUMP STARTED BACK.HAD TO CUT SAND FLUSH WELL DURING 1.75 PPG SAND STAGE DUE TO LEAK ON PUMP 1230 HOSE SHUTDOWN RIG DOWN PUMP 1230 TESTED LINES STARTED BACK UP (30 MINUETS DOWN TIME) COMPLETED JOB WITH NO FURTHER ISSUES</p> |
| 23:15 - 23:29 | 0.23 | FRAC | 37 P - PERFORATIN G | 1 - RU / RD PERFORATING EQUIPMENT | <p>P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.</p> |
| 23:29 - 00:00 | 0.52 | FRAC | 37 P - PERFORATIN G | E - PERFORATE CASING | <p>STAGE #23 P&P AT REPORT TIME.</p> |