

WINS No: H9729

YELLOWJACKET UL UNIT 19-3 14H

Date: 5/12/2017

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

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	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

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	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 11 - 14 STAGE. PLACING 46,221 LBS OF 100 MESH IN 2,076,320 BBLS OF SW.

PLUG AND PERF STG #12 - 15 WITH (96) SHOTS OF EXP-2716-421T CHARGES, 16 GM 0.38" EHD 4 SPF FROM 15,081' - 14,306'

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OPERATION DETAILS

HOURS	DUR (hr)	PHASE	CODE	SUB	DESCRIPTION
00:00 - 01:58	1.97	FRAC	36 P - FRACING	H - SAND SLICKWATER FRAC	STG #11 ATR: 67 BPM SW: 10,637 BBLS ATP: 7,233 PSI PDV: 92 BBLS MTR: 69.3 BPM TOTAL FLUIDS: 11,522 BBLS MTP: 7,704 PSI 100 M: 519,320 LBS 15%: 28.6 BBLS ISIP - 4,936 PSIG FG - 0.865 PSI/FT NON-PRODUCTIVE TIME: 0.00 HRS STAGE REMARKS: OPENED WELL AT 22:38 WITH 4433 PSI. PUMPED 1,200 GALLONS 15% HCL ACID (GOOD BREAK). BALL SEAT OBSERVED AT 4,879 PSI, 330 BBLS, AT 10.0 BPM AND A BREAK OF 5,305 PSI. INCREASED RATE, PRESSURE PERMITTING. UNUSUAL PRESSURE INCREASE DURING 2 PPG STAGE, DROPPED RATE AND CUT SAND. PRESSURE BROKE OVER, STARTED SAND AT 2 PPG AGAIN TO FINISH REMAINDER OF TREATMENT. FLUSH AT 68 BPM. 20 GALLONS OF STIM GEL BEFORE MARKING FLUSH. OVER-FLUSHED 300 BBLS. ALL PROPPANT PLACED.
01:58 - 02:21	0.38	FRAC	37 P - PERFORATING	1 - RU / RD PERFORATING EQUIPMENT	P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.
02:21 - 03:40	1.32	FRAC	37 P - PERFORATING	E - PERFORATE CASING	STAGE #12. 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: 290 - 350 FPM 3 BPM @ 5,200 PSI 6 BPM @ 5,342 PSI 10 BPM @ 5,590 PSI MAX PRESS - 5,702 PSI PDV- 92 BBLS PULL INTO POSITION & PERF INTERVALS FROM FTCBP 15,100' 15,080' - 81' 15,048' - 49' 15,015' - 16' 14,982' - 83' 14,949' - 50' 14,917' - 18' POOH ABOVE TOOL TRAP & CLOSE UPPER FRAC VALVE TO MAKE SURE TOOL STRING WAS ABOVE(IT WAS). LAY GUNS DOWN. CONFIRMED ALL SHOTS FIRED.
03:40 - 03:59	0.32	FRAC	36 P - FRACING	1 - RU / RD FRAC EQP	LAI DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. GREASE FS. PT LINES.
03:59 - 07:35	3.60	FRAC	36 P - FRACING	H - SAND SLICKWATER FRAC	STG #12 ATR: 65.3 BPM SW: 10,928 BBLS ATP: 7,280 PSI PDV: 89 BBLS MTR: 71.1 BPM TOTAL FLUIDS: 11,808 BBLS MTP: 7,761 PSI 100 M: 520,180 LBS 15%: 28.6 BBLS ISIP - 4,887 PSIG FG - 0.859 PSI/FT NON-PRODUCTIVE TIME: 0.00 HRS STAGE REMARKS: OPENED WELL AT 03:59 WITH 4489 PSI. PUMPED 1,200 GALLONS 15% HCL ACID (GOOD BREAK). BALL SEAT OBSERVED AT 5,043 PSI, 361 BBLS, AT 10.4 BPM AND A BREAK OF 5,350 PSI. INCREASED RATE, AND DECREASED FR CONCENTRATION PRESSURE PERMITTING. FLUSHED AT 70 BPM. 20 GALLONS OF STIM GEL BEFORE MARKING FLUSH. OVER-FLUSHED 300 BBLS. ALL PROPPANT PLACED.
07:35 - 07:50	0.25	FRAC	37 P - PERFORATING	1 - RU / RD PERFORATING EQUIPMENT	P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.

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07:50 - 09:15	1.42	FRAC	37 P - PERFORATING	E - PERFORATE CASING	<p>STAGE #13.</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: 290 - 350 FPM</p> <p>3 BPM @ 5,230 PSI 6 BPM @ 5,540 PSI 10 BPM @ 5,560 PSI</p> <p>MAX PRESS - 5,775 PSI PDV- 89 BBLS</p> <p>PULL INTO POSITION & PERF INTERVALS FROM FTCBP 15,100' 14,877' - 78' 14,844' - 45' 14,811' - 12' 14,778' - 79' 14,746' - 47' 14,713' - 15'</p> <p>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>
09:15 - 09:30	0.25	FRAC	36 P - FRACING	1 - RU / RD FRAC EQP	LAID DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. GREASE FS. PT LINES.
09:30 - 13:48	4.30	FRAC	36 P - FRACING	H - SAND SLICKWATER FRAC	<p>STG #13</p> <p>ATR: 66 BPM SW: 10,715 BBLS ATP: 7,252 PSI PDV: 82 BBLS MTR: 70.3 BPM TOTAL FLUIDS: 11,484 BBLS MTP: 8,484 PSI 100 M: 517,900 LBS</p> <p>15%: 28.6 BBLS ISIP - 4,868 PSIG FG - 0.857 PSI/FT</p> <p>Non-Productive Time: 0.00 hrs</p> <p>Stage Remarks: Opened well at 10:06 with 4,330 psi. Pumped 1,200 gallons 15% HCl Acid (good break). Ball seat observed at 4,873 psi, 348 bbls, at 10.2 bpm and a break of 5,098 psi. Increased rate, and decreased FR concentration pressure permitting. Flushed at 70 bpm. 20 gallons of Stim Gel before marking flush. Over-Flushed 300 bbls. All proppant placed. Pump 3627 taken offline for leaking side cap.</p>
13:48 - 13:55	0.12	FRAC	37 P - PERFORATING	1 - RU / RD PERFORATING EQUIPMENT	P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.
13:55 - 16:30	2.58	FRAC	37 P - PERFORATING	E - PERFORATE CASING	<p>STAGE #14.</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: 290 - 350 FPM</p> <p>3 BPM @ 5,300 PSI 8 BPM @ 5,400 PSI 10 BPM @ 5,580 PSI</p> <p>MAX PRESS - 5,700 PSI PDV- 82 BBLS</p> <p>PULL INTO POSITION & PERF INTERVALS FROM FTCBP 14,693' 14,673' - 74' 14,640' - 41' 14,607' - 08' 14,575' - 76' 14,542' - 43' 14,509' - 10'</p> <p>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>
16:30 - 16:45	0.25	FRAC	36 P - FRACING	1 - RU / RD FRAC EQP	LAID DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. GREASE FS. PT LINES.

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16:45 - 19:28	2.72	FRAC	36 P - FRACING	H - SAND SLICKWATER FRAC	STG #14 ATR: 68 BPM SW: 10,653 BBLS ATP: 7,187 PSI PDV: 71 BBLS MTR: 70.1 BPM TOTAL FLUIDS: 11,407 BBLS MTP: 8,032 PSI 100 M: 518,920 LBS 15%: 28.6 BBLS ISIP - 4,808 PSIG FG - 0.854 PSI/FT NON-PRODUCTIVE TIME: 0.00 HRS STAGE REMARKS: OPENED WELL AT 16:13 WITH 4,255 PSI. PUMPED 1,200 GALLONS 15% HCL ACID (GOOD BREAK). BALL SEAT OBSERVED AT 5,230 PSI, 346 BBLS, AT 15.2 BPM AND A BREAK OF 5,837 PSI. INCREASED RATE, AND DECREASED FR CONCENTRATION PRESSURE PERMITTING. INCREASED FR TO 1.0 GPT ON 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.
19:28 - 19:48	0.33	FRAC	37 P - PERFORATING	1 - RU / RD PERFORATING EQUIPMENT	P/U 3.5" SUPERIOR BOSS HOG PLUG AND GUNS. EQUALIZE PRESSURE TO 5,200 PSIG. OPEN HYDRAULIC MASTER VALVE. RIH.
19:48 - 20:58	1.17	FRAC	37 P - PERFORATING	E - PERFORATE CASING	STAGE #15. 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: 290 - 350 FPM 3 BPM @ 5,230 PSI 6 BPM @ 5,540 PSI 10 BPM @ 5,560 PSI MAX PRESS - 5,775 PSI PDV- 89 BBLS PULL INTO POSITION & PERF INTERVALS FROM FTCBP 14,489' 14,469' - 70' 14,436' - 37' 14,404' - 05' 14,371' - 72' 14,338' - 39' 14,306' - 08' POOH ABOVE TOOL TRAP & CLOSE UPPER FRAC VALVE TO MAKE SURE TOOL STRING WAS ABOVE(IT WAS). LAY GUNS DOWN. CONFIRMED ALL SHOTS FIRED.
20:58 - 21:18	0.33	FRAC	36 P - FRACING	1 - RU / RD FRAC EQP	LAID DOWN LUBRICATOR, VERIFIED ALL SHOTS FIRED. DROPPED BALL. GREASE FS. PT LINES.
21:18 - 00:00	2.70	FRAC	36 P - FRACING	H - SAND SLICKWATER FRAC	CURRENTLY FRACING STG #15