

Well Header		API/UWI: 4709101368	Lease:	Pad Name: Johnson TFP 40	Operator: Arsenal Resources	Well Type: Development	Well Subtype:
Well Name: Johnson TFP 40 203	Water Depth (ft):	Lic Date:	Spud Date: 10/13/2022	RR Date: 11/10/2022			
Orig KB Elev (ft): 1,359.00	District:	Division Code:	UTM E (m):	UTM N (m):			
County: TAYLOR	Latitude ("): 39° 15' 30.892" N	Longitude ("): 80° 10' 8.616" W					
Datum:							
Jobs							
Job Cat: Completion/Workover	Job Type: Initial Completion	Start Date: 1/19/2023	End Date:				
Perforations	Top (ftKB)	Btm (ftKB)	Entered Shot Total	Zone			
3/29/2023	8,088.00	8,244.00	40	marcellus			
3/29/2023	8,288.00	8,448.00	40	marcellus			
3/28/2023	8,488.00	8,644.00	40	marcellus			
3/27/2023	8,688.00	8,850.00	40	marcellus			
3/27/2023	8,888.00	9,050.00	40	marcellus			
3/27/2023	9,088.00	9,250.00	40	marcellus			
3/26/2023	9,288.00	9,448.00	40	marcellus			
3/26/2023	9,488.00	9,650.00	40	marcellus			
3/26/2023	9,688.00	9,847.00	40	marcellus			
3/25/2023	9,888.00	10,050.00	40	marcellus			
3/25/2023	10,088.00	10,250.00	40	marcellus			
3/25/2023	10,288.00	10,450.00	40	marcellus			
3/24/2023	10,492.00	10,650.00	40	marcellus			
3/24/2023	10,688.00	10,850.00	40	marcellus			
3/22/2023	10,888.00	11,050.00	40	marcellus			
3/22/2023	11,088.00	11,250.00	40	marcellus			
3/21/2023	11,288.00	11,452.00	40	marcellus			
3/21/2023	11,492.00	11,650.00	40	marcellus			
3/21/2023	11,688.00	11,852.00	40	marcellus			
3/20/2023	11,885.00	12,050.00	40	marcellus			
3/19/2023	12,088.00	12,250.00	40	marcellus			
3/19/2023	12,292.00	12,450.00	40	marcellus			
3/19/2023	12,488.00	12,652.00	40	marcellus			
3/18/2023	12,686.00	12,850.00	40	marcellus			
3/18/2023	12,888.00	13,052.00	40	marcellus			
3/18/2023	13,086.00	13,250.00	40	marcellus			
3/17/2023	13,288.00	13,448.00	40	marcellus			
3/17/2023	13,488.00	13,650.00	40	marcellus			
3/17/2023	13,688.00	13,850.00	40	marcellus			
3/16/2023	13,888.00	14,050.00	40	marcellus			
3/15/2023	14,088.00	14,250.00	40	marcellus			
3/15/2023	14,288.00	14,450.00	40	marcellus			
3/14/2023	14,488.00	14,650.00	40	marcellus			
3/14/2023	14,688.00	14,850.00	40	marcellus			
3/14/2023	14,888.00	15,050.00	40	marcellus			
3/13/2023	15,464.00	15,630.00	40	marcellus			
3/13/2023	15,669.00	15,835.00	40	marcellus			
3/13/2023	15,874.00	16,036.00	40	marcellus			
3/12/2023	16,079.00	16,245.00	40	marcellus			
3/12/2023	16,284.00	16,450.00	40	marcellus			
3/12/2023	16,489.00	16,655.00	40	marcellus			
3/11/2023	16,694.00	16,856.00	40	marcellus			
3/11/2023	16,894.00	17,056.00	40	marcellus			
3/11/2023	17,094.00	17,250.00	40	marcellus			
3/10/2023	17,294.00	17,456.00	40	marcellus			
3/10/2023	17,496.00	17,656.00	40	marcellus			
3/9/2023	17,694.00	17,856.00	40	marcellus			
3/9/2023	17,896.00	18,050.00	40	marcellus			
3/9/2023	18,094.00	18,256.00	40	marcellus			
3/8/2023	18,294.00	18,456.00	40	marcellus			
3/8/2023	18,494.00	18,656.00	40	marcellus			
3/8/2023	18,694.00	18,856.00	40	marcellus			
3/7/2023	18,894.00	19,056.00	40	marcellus			
3/7/2023	19,094.00	19,256.00	40	marcellus			
3/6/2023	19,294.00	19,456.00	40	marcellus			
3/6/2023	19,497.00	19,656.00	40	marcellus			
3/6/2023	19,694.00	19,856.00	40	marcellus			
3/4/2023	19,896.00	20,056.00	40	marcellus			
3/3/2023	20,094.00	20,256.00	40	marcellus			
3/3/2023	20,292.00	20,456.00	40	marcellus			
3/3/2023	20,494.00	20,652.00	40	marcellus			
3/2/2023	20,694.00	20,856.00	40	marcellus			
3/2/2023	20,894.00	21,056.00	40	marcellus			
3/1/2023	21,094.00	21,256.00	40	marcellus			
3/1/2023	21,294.00	21,454.00	40	marcellus			
2/28/2023	21,494.00	21,656.00	40	marcellus			
2/28/2023	21,694.00	21,852.00	40	marcellus			
2/27/2023	21,894.00	22,052.00	40	marcellus			
2/27/2023	22,094.00	22,256.00	40	marcellus			
2/27/2023	22,294.00	22,456.00	40	marcellus			
2/26/2023	22,494.00	22,656.00	40	marcellus			
2/26/2023	22,694.00	22,856.00	40	marcellus			
2/25/2023	22,894.00	23,056.00	40	marcellus			
2/25/2023	23,094.00	23,256.00	40	marcellus			
2/24/2023	23,294.00	23,456.00	40	marcellus			
2/23/2023	23,494.00	23,656.00	40	marcellus			
2/23/2023	23,694.00	23,856.00	40	marcellus			
2/23/2023	23,894.00	24,056.00	40	marcellus			
2/22/2023	24,094.00	24,256.00	40	marcellus			
2/22/2023	24,292.00	24,456.00	40	marcellus			
2/22/2023	24,494.00	24,656.00	40	marcellus			
2/22/2023	24,692.00	24,856.00	40	marcellus			
2/21/2023	24,894.00	25,054.00	40	marcellus			
2/21/2023	25,094.00	25,252.00	40	marcellus			
2/20/2023	25,294.00	25,458.00	40	marcellus			
2/20/2023	25,494.00	25,656.00	40	marcellus			
2/20/2023	25,694.00	25,856.00	40	marcellus			
2/20/2023	25,894.00	26,056.00	40	marcellus			
2/20/2023	26,094.00	26,256.00	40	marcellus			
2/19/2023	26,294.00	26,456.00	40	marcellus			
2/19/2023	26,494.00	26,656.00	40	marcellus			
2/19/2023	26,694.00	26,856.00	40	marcellus			
2/18/2023	26,894.00	27,056.00	40	marcellus			
2/18/2023	27,094.00	27,256.00	40	marcellus			

05/03/2024

Perforations	Top (ftKB)	Btm (ftKB)	Entered Shot Total	Zone
Date				
2/18/2023	27,294.00	27,455.00	40	marcellus
2/17/2023	27,494.00	27,656.00	40	marcellus
2/17/2023	27,694.00	27,854.00	40	marcellus
2/17/2023	27,894.00	28,056.00	40	marcellus
2/16/2023	28,094.00	28,256.00	40	marcellus
2/16/2023	28,294.00	28,456.00	40	marcellus
2/16/2023	28,494.00	28,656.00	40	marcellus
2/14/2023	28,694.00	28,856.00	40	marcellus
1/27/2023	28,894.00	28,992.00	30	marcellus

05/03/2024

Stimulations Summary

Start Date: 2/14/2023

Stimulation Intervals

Interval Number	Start Date	Slurry Rate Avg (bbl/min)	P Treat Avg (psi)	P Breakdown (psi)	ISIP (psi)	Proppant Total OR (lb)	Vol Clean Total (bbl)
1	2/14/2023	87.70	10,321.00	11,268.00	4,810.00	260,180.00	7,435.00
2	2/15/2023	84.10	9,899.00	7,881.00	4,693.00	499,760.00	10,036.00
3	2/16/2023	85.30	9,921.00	6,502.00	5,250.00	500,300.00	10,007.00
4	2/16/2023	79.60	9,510.00	6,831.00	5,305.00	499,720.00	11,674.00
5	2/17/2023	83.90	9,670.00	6,340.00	5,585.00	500,700.00	9,919.00
6	2/17/2023	85.40	9,668.00	6,259.00	5,590.00	501,971.00	9,962.00
7	2/17/2023	82.80	9,479.00	6,413.00	5,639.00	500,140.00	10,001.00
8	2/18/2023	87.20	9,437.00	6,157.00	5,752.00	500,280.00	9,939.00
9	2/18/2023	86.10	9,261.00	6,147.00	5,670.00	500,738.00	9,992.00
10	2/18/2023	85.60	9,330.00	6,417.00	5,570.00	501,030.00	10,077.00
11	2/18/2023	83.20	9,034.00	5,680.00	5,558.00	499,700.00	10,016.00
12	2/19/2023	87.20	9,226.00	6,112.00	5,510.00	500,483.00	9,821.00
13	2/19/2023	84.90	9,072.00	5,787.00	5,250.00	508,710.00	9,982.00
14	2/19/2023	84.70	9,112.00	5,819.00	5,532.00	500,160.00	9,803.00
15	2/20/2023	81.50	9,188.00	6,394.00	4,620.00	500,020.00	9,815.00
16	2/20/2023	86.40	9,240.00	7,185.00	4,850.00	500,282.00	9,943.00
17	2/20/2023	86.00	9,271.00	6,968.00	4,984.00	500,321.00	9,688.00
18	2/20/2023	86.60	9,536.00	6,255.00	5,321.00	500,160.00	9,781.00
19	2/21/2023	86.50	10,039.00	7,687.00	5,415.00	500,042.00	9,653.00
20	2/21/2023	85.70	9,508.00	6,782.00	5,075.00	500,394.00	9,841.00
21	2/21/2023	84.80	9,213.00	6,141.00	5,772.00	500,540.00	9,760.00
22	2/21/2023	84.80	9,213.00	6,141.00	5,772.00	500,517.00	9,760.00
23	2/22/2023	85.10	9,236.00	6,531.00	5,310.00	500,070.00	10,068.00
24	2/22/2023	84.50	8,983.00	6,661.00	5,193.00	499,973.00	9,406.00
25	2/22/2023	88.40	9,263.00	6,083.00	5,307.00	500,360.00	9,827.00
26	2/23/2023	85.30	8,938.00	5,527.00	5,025.00	500,122.00	9,604.00
27	2/23/2023	85.50	9,252.00	6,323.00	5,010.00	501,257.00	9,475.00
28	2/23/2023	85.40	8,985.00	5,767.00	5,487.00	501,020.00	9,864.00
29	2/24/2023	84.30	9,143.00	5,965.00	5,356.00	500,640.00	9,815.00
30	2/25/2023	84.30	9,557.00	6,025.00	5,425.00	500,802.00	9,272.00
31	2/25/2023	85.60	9,271.00	6,941.00	5,358.00	500,504.00	9,757.00
32	2/26/2023	84.20	9,406.00	7,533.00	5,450.00	501,095.00	9,359.00
33	2/26/2023	85.30	9,720.00	7,412.00	5,597.00	501,697.00	10,727.00
34	2/27/2023	85.50	9,610.00	7,142.00	5,910.00	500,213.00	9,313.00
35	2/27/2023	84.40	9,662.00	7,203.00	6,015.00	500,517.00	9,321.00
36	2/28/2023	85.10	9,731.00	7,630.00	5,780.00	500,558.00	9,520.00
37	2/28/2023	84.60	10,099.00	7,676.00	5,759.00	499,996.00	9,235.00
38	3/1/2023	82.10	9,884.00	7,918.00	6,710.00	500,120.00	9,674.00
39	3/1/2023	86.00	9,747.00	7,053.00	5,391.00	500,020.00	9,685.00
40	3/2/2023	82.60	9,300.00	7,607.00	6,194.00	499,780.00	9,683.00
41	3/2/2023	82.10	9,535.00	8,415.00	5,826.00	498,620.00	9,339.00
42	3/3/2023	86.70	9,451.00	7,783.00	5,268.00	500,740.00	9,438.00
43	3/3/2023	85.00	9,155.00	7,120.00	5,916.00	501,800.00	9,320.00
44	3/3/2023	87.30	9,267.00	7,349.00	5,524.00	499,880.00	9,409.00
45	3/4/2023	85.80	9,061.00	7,568.00	5,219.00	498,180.00	9,312.00
46	3/5/2023	85.00	9,071.00	6,398.00	5,892.00	500,820.00	9,643.00
47	3/6/2023	87.20	8,775.00	6,768.00	5,874.00	498,480.00	9,550.00
48	3/6/2023	84.90	8,726.00	6,897.00	5,479.00	500,240.00	9,293.00
49	3/6/2023	83.90	8,627.00	7,463.00	6,688.00	499,700.00	9,531.00
50	3/7/2023	86.60	8,630.00	6,578.00	5,095.00	498,320.00	9,298.00
51	3/7/2023	87.10	9,108.00	5,735.00	5,429.00	500,820.00	9,472.00
52	3/8/2023	85.40	9,135.00	6,009.00	5,840.00	501,020.00	9,284.00
53	3/8/2023	83.80	8,995.00	6,007.00	4,920.00	499,773.00	9,282.00
54	3/9/2023	87.40	9,167.00	7,006.00	4,993.00	500,636.00	9,435.00
55	3/9/2023	84.90	8,672.00	6,113.00	6,155.00	499,540.00	9,177.00
56	3/9/2023	85.40	8,639.00	7,335.00	5,540.00	500,420.00	9,156.00
57	3/9/2023	85.50	8,872.00	8,133.00	5,610.00	500,440.00	9,427.00
58	3/10/2023	84.70	8,862.00	5,979.00	4,905.00	497,480.00	9,207.00
59	3/10/2023	87.60	9,195.00	7,314.00	4,910.00	500,620.00	9,450.00
60	3/11/2023	85.40	9,238.00	7,319.00	4,990.00	498,859.00	9,199.00
61	3/11/2023	85.00	9,114.00	6,380.00	5,564.00	498,780.00	9,202.00
62	3/11/2023	87.00	9,358.00	6,943.00	5,975.00	500,200.00	9,343.00
63	3/12/2023	87.30	9,070.00	7,401.00	5,608.00	499,420.00	9,123.00
64	3/12/2023	85.90	8,853.00	6,099.00	5,510.00	500,080.00	9,165.00
65	3/12/2023	87.30	9,130.00	7,129.00	5,760.00	500,140.00	9,936.00
66	3/13/2023	85.70	8,839.00	6,002.00	5,948.00	499,600.00	9,049.00
67	3/13/2023	85.30	8,704.00	7,237.00	4,750.00	500,720.00	9,110.00
68	3/14/2023	88.30	7,725.00	7,297.00	3,550.00	500,350.00	9,340.00
69	3/14/2023	86.10	8,508.00	6,695.00	4,265.00	499,740.00	9,138.00
70	3/14/2023	87.60	8,695.00	6,881.00	4,710.00	500,720.00	9,123.00
71	3/15/2023	85.00	8,759.00	6,585.00	5,965.00	500,520.00	9,124.00
72	3/15/2023	85.30	8,926.00	6,841.00	6,175.00	500,280.00	9,025.00
73	3/16/2023	85.90	8,742.00	6,609.00	6,121.00	500,180.00	9,319.00
74	3/17/2023	87.30	8,934.00	6,664.00	6,075.00	500,020.00	9,140.00
75	3/17/2023	87.80	8,859.00	6,571.00	5,281.00	500,380.00	9,332.00
76	3/17/2023	87.70	8,774.00	6,663.00	5,030.00	502,220.00	9,314.00
77	3/18/2023	85.50	8,799.00	7,509.00	4,950.00	500,980.00	9,145.00
78	3/18/2023	85.50	8,368.00	6,599.00	4,819.00	499,260.00	9,255.00
79	3/18/2023	87.40	8,404.00	5,838.00	5,025.00	500,140.00	9,117.00
80	3/19/2023	83.30	8,255.00	6,804.00	4,575.00	500,120.00	9,054.00
81	3/19/2023	85.05	8,115.00	7,218.00	4,685.00	499,840.00	9,119.00
82	3/19/2023	87.70	8,014.00	5,941.00	4,925.00	499,120.00	9,178.00
83	3/20/2023	87.80	8,512.00	5,808.00	4,715.00	500,000.00	9,084.00
84	3/20/2023	86.00	7,973.00	6,536.00	4,925.00	500,540.00	8,982.00
85	3/21/2023	85.00	8,011.00	5,890.00	4,369.00	499,840.00	9,325.00
86	3/21/2023	88.20	7,569.00	6,272.00	4,490.00	500,780.00	9,005.00
87	3/22/2023	89.40	8,854.00	7,890.00	4,494.00	499,920.00	9,207.00
88	3/22/2023	84.30	7,526.00	6,129.00	4,440.00	501,130.00	9,128.00
89	3/24/2023	84.00	8,017.00	5,819.00	4,419.00	499,540.00	9,136.00
90	3/24/2023	83.73	7,545.00	6,583.00	4,664.00	499,560.00	9,058.00
91	3/25/2023	86.30	7,822.00	6,905.00	4,757.00	500,380.00	9,086.00
92	3/25/2023	88.64	8,051.00	6,162.00	5,177.00	500,810.00	9,074.00
93	3/25/2023	86.45	7,454.00	7,054.00	4,519.00	500,080.00	9,010.00
94	3/26/2023	84.10	7,768.00	7,070.00	4,492.00	498,920.00	9,091.00
95	3/26/2023	88.87	7,732.00	6,594.00	4,725.00	500,330.00	9,071.00
96	3/26/2023	84.60	7,680.00	6,529.00	4,867.00	501,260.00	9,068.00
97	3/27/2023	87.31	7,529.00	6,955.00	4,800.00	500,120.00	8,994.00
98	3/27/2023	88.46	7,653.00	6,036.00	4,601.00	499,840.00	9,120.00
99	3/27/2023	87.90	7,524.00	6,372.00	4,819.00	497,380.00	9,148.00

05/03/2024

Stimulations Summary

Start Date: 2/14/2023

Stimulation Intervals

Interval Number	Start Date	Slurry Rate Avg (bbl/min)	P Treat Avg (psi)	P Breakdown (psi)	ISIP (psi)	Proppant Total OR (lb)	Vol Clean Total (bbl)
100	3/28/2023	87.30	7,575.00	6,559.00	4,425.00	500,130.00	9,053.00
101	3/28/2023	89.70	7,447.00	6,385.00	4,319.00	498,610.00	8,984.00
102	3/29/2023	84.10	6,954.00	5,907.00	4,718.00	498,020.00	9,008.00
103	3/30/2023	84.96	7,141.00	6,990.00	4,450.00	500,720.00	8,894.00

05/03/2024