

Well Header						
Well Name: Johnson TFP 40 204	API/UWI: 4709101369	Lease:	Pad Name: Johnson TFP 40	Operator: Arsenal Resources	Well Type: Development	Well Subtype:
Orig KB Elev (ft): 1,359.00	Water Depth (ft):	Lic Date:	Spud Date: 11/10/2022	RR Date: 12/2/2022		
County: TAYLOR	Districth:	Division:	Division Code:			
Datum:	Latitude ("): 39° 15' 31.04" N	Longitude ("): 80° 10' 8.616" W	UTM E (m):	UTM N (m):		
Jobs						
Job Cat: Completion/Workover	Job Type: Initial Completion	Start Date: 1/19/2023	End Date:			

Perforations

Date	Top (ftKB)	Btm (ftKB)	Entered Shot Total	Zone
3/30/2023	8,097.00	8,259.00	40	marcellus
3/29/2023	8,301.00	8,459.00	40	marcellus
3/29/2023	8,497.00	8,659.00	40	marcellus
3/29/2023	8,697.00	8,858.00	40	marcellus
3/29/2023	8,897.00	9,059.00	40	marcellus
3/28/2023	9,097.00	9,259.00	40	marcellus
3/28/2023	9,297.00	9,459.00	40	marcellus
3/27/2023	9,500.00	9,659.00	40	marcellus
3/27/2023	9,697.00	9,859.00	40	marcellus
3/27/2023	9,899.00	10,059.00	40	marcellus
3/26/2023	10,097.00	10,259.00	40	marcellus
3/26/2023	10,297.00	10,459.00	40	marcellus
3/26/2023	10,497.00	10,659.00	40	marcellus
3/25/2023	10,699.00	10,859.00	40	marcellus
3/25/2023	10,897.00	11,059.00	40	marcellus
3/25/2023	11,097.00	11,253.00	40	marcellus
3/24/2023	11,297.00	11,456.00	40	marcellus
3/23/2023	11,497.00	11,659.00	40	marcellus
3/22/2023	11,697.00	11,857.00	40	marcellus
3/22/2023	11,897.00	12,055.00	40	marcellus
3/21/2023	12,097.00	12,256.00	40	marcellus
3/21/2023	12,297.00	12,459.00	40	marcellus
3/20/2023	12,497.00	12,659.00	40	marcellus
3/20/2023	12,700.00	12,859.00	40	marcellus
3/19/2023	12,897.00	13,059.00	40	marcellus
3/19/2023	13,100.00	13,259.00	40	marcellus
3/19/2023	13,297.00	13,459.00	40	marcellus
3/18/2023	13,502.00	13,659.00	40	marcellus
3/18/2023	13,697.00	13,859.00	40	marcellus
3/18/2023	13,897.00	14,059.00	40	marcellus
3/17/2023	14,097.00	14,259.00	40	marcellus
3/17/2023	14,297.00	14,459.00	40	marcellus
3/16/2023	14,497.00	14,659.00	40	marcellus
3/16/2023	14,697.00	14,859.00	40	marcellus
3/15/2023	14,900.00	15,059.00	40	marcellus
3/15/2023	15,097.00	15,259.00	40	marcellus
3/14/2023	15,297.00	15,459.00	40	marcellus
3/14/2023	15,497.00	15,659.00	40	marcellus
3/14/2023	15,697.00	15,859.00	40	marcellus
3/13/2023	15,900.00	16,059.00	40	marcellus
3/13/2023	16,097.00	16,259.00	40	marcellus
3/12/2023	16,297.00	16,459.00	40	marcellus
3/12/2023	16,497.00	16,659.00	40	marcellus
3/12/2023	16,697.00	16,859.00	40	marcellus
3/11/2023	16,897.00	17,054.00	40	marcellus
3/11/2023	17,097.00	17,257.00	40	marcellus
3/11/2023	17,297.00	17,459.00	40	marcellus
3/10/2023	17,497.00	17,659.00	40	marcellus
3/10/2023	17,697.00	17,857.00	40	marcellus
3/10/2023	17,897.00	18,059.00	40	marcellus
3/10/2023	18,097.00	18,259.00	40	marcellus
3/9/2023	18,297.00	18,459.00	40	marcellus
3/9/2023	18,497.00	18,659.00	40	marcellus
3/8/2023	18,697.00	18,859.00	40	marcellus
3/8/2023	18,897.00	19,056.00	40	marcellus
3/7/2023	19,097.00	19,259.00	40	marcellus
3/7/2023	19,297.00	19,459.00	40	marcellus
3/7/2023	19,497.00	19,659.00	40	marcellus
3/6/2023	19,697.00	19,859.00	40	marcellus
3/6/2023	19,897.00	20,056.00	40	marcellus
3/5/2023	20,097.00	20,259.00	40	marcellus
3/4/2023	20,297.00	20,459.00	40	marcellus
3/3/2023	20,497.00	20,659.00	40	marcellus
3/3/2023	20,697.00	20,857.00	40	marcellus
3/3/2023	20,897.00	21,059.00	40	marcellus
3/2/2023	21,097.00	21,259.00	40	marcellus
3/2/2023	21,297.00	21,459.00	40	marcellus
3/1/2023	21,497.00	21,659.00	40	marcellus
3/1/2023	21,697.00	21,859.00	40	marcellus
2/28/2023	21,897.00	22,059.00	40	marcellus
2/28/2023	22,097.00	22,261.00	40	marcellus
2/27/2023	22,297.00	22,459.00	40	marcellus
2/27/2023	22,497.00	22,659.00	40	marcellus
2/26/2023	22,697.00	22,859.00	40	marcellus
2/26/2023	22,897.00	23,059.00	40	marcellus
2/25/2023	23,097.00	23,259.00	40	marcellus
2/25/2023	23,297.00	23,459.00	40	marcellus
2/24/2023	23,497.00	23,659.00	40	marcellus
2/24/2023	23,697.00	23,859.00	40	marcellus
2/23/2023	23,897.00	24,059.00	40	marcellus
2/23/2023	24,097.00	24,259.00	40	marcellus
2/23/2023	24,297.00	24,459.00	40	marcellus
2/23/2023	24,497.00	24,659.00	40	marcellus
2/22/2023	24,697.00	24,859.00	40	marcellus
2/22/2023	24,897.00	25,059.00	40	marcellus
2/21/2023	25,097.00	25,259.00	40	marcellus
2/21/2023	25,300.00	25,459.00	40	marcellus
2/21/2023	25,497.00	25,661.00	40	marcellus
2/21/2023	25,697.00	25,859.00	40	marcellus
2/20/2023	25,897.00	26,057.00	40	marcellus
2/20/2023	26,097.00	26,259.00	40	marcellus
2/20/2023	26,297.00	26,459.00	40	marcellus
2/19/2023	26,497.00	26,659.00	40	marcellus
2/19/2023	26,697.00	26,859.00	40	marcellus
2/19/2023	26,897.00	27,059.00	40	marcellus
2/19/2023	27,097.00	27,259.00	40	marcellus

05/03/2024

Perforations	Top (ftKB)	Btm (ftKB)	Entered Shot Total	Zone
Date				
2/18/2023	27,297.00	27,459.00	40	marcellus
2/18/2023	27,497.00	27,659.00	40	marcellus
2/18/2023	27,697.00	27,859.00	40	marcellus
2/17/2023	27,897.00	28,059.00	40	marcellus
2/17/2023	28,097.00	28,259.00	40	marcellus
2/17/2023	28,297.00	28,459.00	40	marcellus
2/16/2023	28,499.00	28,659.00	40	marcellus
2/16/2023	28,697.00	28,859.00	40	marcellus
2/15/2023	28,897.00	29,059.00	40	marcellus
2/14/2023	29,097.00	29,259.00	40	marcellus
1/27/2023	29,297.00	29,394.00	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	80.50	9,922.00	10,622.00	4,547.00	254,120.00	7,475.00
2	2/14/2023	86.60	10,448.00	7,046.00	5,498.00	501,560.00	10,007.00
3	2/15/2023	85.50	10,221.00	8,259.00	5,414.00	499,820.00	10,044.00
4	2/16/2023	84.80	10,048.00	6,566.00	5,295.00	499,834.00	10,115.00
5	2/16/2023	84.00	9,843.00	7,344.00	5,034.00	499,520.00	10,049.00
6	2/17/2023	86.50	10,085.00	7,021.00	5,520.00	500,480.00	10,045.00
7	2/17/2023	85.90	10,125.00	7,273.00	5,910.00	499,826.00	9,998.00
8	2/17/2023	87.40	10,027.00	7,022.00	5,566.00	500,080.00	9,926.00
9	2/18/2023	83.80	9,763.00	6,732.00	5,270.00	501,338.00	9,999.00
10	2/18/2023	85.30	9,854.00	7,085.00	5,380.00	500,708.00	10,268.00
11	2/18/2023	84.70	9,770.00	6,685.00	5,060.00	499,460.00	9,966.00
12	2/19/2023	83.80	9,692.00	5,652.00	6,125.00	500,531.00	13,236.00
13	2/19/2023	85.30	9,744.00	6,385.00	5,530.00	500,466.00	9,822.00
14	2/19/2023	86.20	9,694.00	6,647.00	5,451.00	500,180.00	9,882.00
15	2/19/2023	86.70	9,627.00	6,082.00	4,923.00	500,560.00	9,846.00
16	2/20/2023	85.30	9,442.00	6,030.00	4,810.00	500,435.00	9,818.00
17	2/20/2023	85.50	9,216.00	6,261.00	5,710.00	499,982.00	9,828.00
18	2/20/2023	87.80	9,454.00	5,980.00	5,810.00	500,400.00	9,824.00
19	2/21/2023	86.00	9,606.00	6,219.00	5,390.00	499,001.00	9,769.00
20	2/21/2023	86.20	9,213.00	6,453.00	5,705.00	501,183.00	9,800.00
21	2/21/2023	83.90	9,162.00	6,448.00	5,626.00	500,200.00	9,720.00
22	2/22/2023	85.20	9,092.00	6,620.00	4,894.00	501,460.00	9,698.00
23	2/22/2023	85.90	9,258.00	7,673.00	4,950.00	500,042.00	9,344.00
24	2/22/2023	84.80	9,405.00	10,804.00	4,980.00	500,258.00	9,306.00
25	2/22/2023	82.30	9,343.00	6,847.00	5,089.00	500,840.00	9,665.00
26	2/23/2023	88.10	9,373.00	7,362.00	5,307.00	500,820.00	9,646.00
27	2/23/2023	85.80	9,250.00	6,986.00	5,460.00	500,669.00	10,513.00
28	2/23/2023	78.80	9,288.00	7,612.00	5,480.00	495,278.00	9,510.00
29	2/24/2023	86.10	9,308.00	7,045.00	5,510.00	500,059.00	9,490.00
30	2/25/2023	84.20	9,181.00	7,492.00	5,650.00	500,979.00	9,229.00
31	2/25/2023	80.90	9,162.00	7,494.00	4,025.00	501,467.00	9,357.00
32	2/26/2023	84.80	8,942.00	6,303.00	5,410.00	500,920.00	9,465.00
33	2/26/2023	85.30	8,890.00	6,950.00	5,110.00	499,806.00	9,338.00
34	2/27/2023	83.40	8,674.00	5,996.00	5,210.00	500,249.00	9,743.00
35	2/27/2023	84.50	9,011.00	7,066.00	5,275.00	500,509.00	9,353.00
36	2/28/2023	85.30	9,137.00	6,037.00	5,110.00	500,400.00	9,477.00
37	2/28/2023	84.10	8,995.00	5,159.00	5,090.00	499,752.00	9,363.00
38	2/28/2023	83.50	9,248.00	7,274.00	5,306.00	501,040.00	9,464.00
39	3/1/2023	84.80	9,472.00	7,263.00	5,940.00	475,880.00	9,105.00
40	3/1/2023	83.60	9,269.00	7,109.00	5,317.00	500,800.00	11,189.00
41	3/2/2023	80.10	8,794.00	7,237.00	6,138.00	499,860.00	9,353.00
42	3/3/2023	88.20	9,321.00	6,413.00	6,626.00	500,900.00	9,581.00
43	3/3/2023	84.70	9,042.00	6,205.00	6,205.00	498,520.00	9,450.00
44	3/3/2023	82.40	9,124.00	6,233.00	6,829.00	499,960.00	9,276.00
45	3/4/2023	84.20	9,176.00	7,165.00	5,348.00	500,880.00	9,640.00
46	3/4/2023	84.10	9,146.00	6,768.00	4,938.00	500,700.00	9,717.00
47	3/6/2023	88.00	9,314.00	6,918.00	5,630.00	500,220.00	9,612.00
48	3/6/2023	84.50	9,173.00	6,436.00	5,805.00	498,860.00	9,588.00
49	3/6/2023	85.60	9,349.00	7,464.00	5,521.00	500,510.00	9,609.00
50	3/7/2023	85.60	9,458.00	7,616.00	5,918.00	498,780.00	9,283.00
51	3/7/2023	84.50	9,303.00	7,980.00	5,519.00	499,760.00	9,486.00
52	3/8/2023	87.70	9,503.00	6,579.00	5,416.00	496,800.00	9,600.00
53	3/8/2023	83.50	9,263.00	7,397.00	6,513.00	501,120.00	10,466.00
54	3/9/2023	87.50	9,315.00	6,592.00	6,690.00	500,503.00	9,545.00
55	3/9/2023	85.40	9,284.00	7,804.00	6,027.00	494,500.00	9,211.00
56	3/10/2023	84.00	8,772.00	6,639.00	5,548.00	500,040.00	9,399.00
57	3/10/2023	85.50	9,024.00	6,486.00	5,319.00	500,420.00	9,231.00
58	3/10/2023	87.00	9,016.00	5,954.00	5,171.00	500,160.00	9,170.00
59	3/10/2023	87.70	8,958.00	7,552.00	5,475.00	500,341.00	9,407.00
60	3/11/2023	87.40	9,174.00	6,668.00	6,019.00	500,580.00	9,410.00
61	3/11/2023	85.80	9,237.00	6,201.00	5,067.00	498,480.00	9,229.00
62	3/11/2023	87.90	9,407.00	7,546.00	5,175.00	500,340.00	9,398.00
63	3/12/2023	84.40	9,730.00	7,143.00	4,870.00	499,750.00	9,548.00
64	3/12/2023	86.50	9,338.00	7,203.00	5,106.00	500,280.00	9,141.00
65	3/12/2023	81.80	9,217.00	7,228.00	4,910.00	499,600.00	10,201.00
66	3/13/2023	86.70	9,308.00	5,947.00	6,116.00	498,100.00	9,174.00
67	3/13/2023	85.00	9,037.00	7,276.00	6,314.00	501,500.00	9,161.00
68	3/13/2023	87.40	9,182.00	6,946.00	6,310.00	500,270.00	9,150.00
69	3/14/2023	84.10	8,945.00	7,167.00	6,109.00	500,260.00	9,156.00
70	3/14/2023	86.60	8,943.00	7,077.00	5,425.00	502,120.00	9,165.00
71	3/14/2023	87.70	8,653.00	6,523.00	5,150.00	500,050.00	9,181.00
72	3/15/2023	88.80	9,169.00	6,481.00	6,140.00	499,500.00	9,946.00
73	3/16/2023	83.80	8,967.00	6,450.00	6,405.00	500,180.00	9,218.00
74	3/16/2023	85.40	8,440.00	6,432.00	4,657.00	499,860.00	9,191.00
75	3/17/2023	87.70	8,577.00	5,988.00	5,254.00	499,960.00	9,166.00
76	3/17/2023	89.36	8,876.00	5,922.00	5,531.00	500,060.00	9,190.00
77	3/17/2023	84.40	8,932.00	7,097.00	4,465.00	499,560.00	8,927.00
78	3/18/2023	85.70	8,496.00	6,200.00	5,140.00	500,220.00	9,320.00
79	3/18/2023	87.80	8,609.00	6,113.00	4,662.00	500,340.00	9,324.00
80	3/18/2023	88.40	8,635.00	6,801.00	4,890.00	500,400.00	8,990.00
81	3/19/2023	84.94	8,387.00	5,585.00	4,625.00	500,440.00	9,155.00
82	3/19/2023	84.40	8,742.00	5,737.00	4,530.00	500,100.00	9,404.00
83	3/20/2023	88.61	8,913.00	6,212.00	4,785.00	500,740.00	9,118.00
84	3/20/2023	82.50	8,297.00	5,700.00	4,825.00	500,420.00	9,013.00
85	3/21/2023	83.44	8,557.00	6,447.00	4,860.00	500,840.00	9,468.00
86	3/21/2023	85.54	8,404.00	6,975.00	6,131.00	499,660.00	9,084.00
87	3/22/2023	87.70	8,235.00	6,815.00	5,230.00	500,240.00	9,110.00
88	3/22/2023	88.70	8,562.00	7,261.00	4,912.00	501,440.00	9,062.00
89	3/23/2023	83.80	8,365.00	6,695.00	5,845.00	499,900.00	9,339.00
90	3/24/2023	83.43	7,971.00	5,359.00	5,286.00	499,340.00	9,067.00
91	3/24/2023	70.10	8,574.00	6,131.00	5,414.00	501,800.00	10,237.00
92	3/25/2023	87.91	8,245.00	6,978.00	4,445.00	499,520.00	9,093.00
93	3/25/2023	88.35	7,985.00	7,255.00	4,415.00	499,970.00	9,079.00
94	3/25/2023	85.30	7,841.00	6,044.00	5,317.00	502,200.00	9,099.00
95	3/26/2023	85.90	8,179.00	6,746.00	4,878.00	499,010.00	9,044.00
96	3/26/2023	82.80	8,468.00	5,603.00	4,370.00	502,160.00	9,076.00
97	3/27/2023	84.80	7,947.00	7,015.00	4,419.00	498,020.00	9,113.00
98	3/27/2023	87.69	8,058.00	6,999.00	5,942.00	500,150.00	9,033.00
99	3/27/2023	84.10	8,027.00	6,731.00	4,426.00	497,780.00	9,068.00
100	3/28/2023	84.10	7,759.00	5,706.00	4,827.00	499,640.00	8,943.00
101	3/28/2023	89.70	7,896.00	6,925.00	5,132.00	500,160.00	9,029.00

3/03/2024

Stimulations Summary

Start Date: 2/14/2023

Stimulation Intervals

Interval Number	Start Date	Slurry Rate Avg (bb/min)	P Treat Avg (psi)	P Breakdown (psi)	ISIP (psi)	Proppant Total OR (lb)	Vol Clean Total (bb)
102	3/28/2023	84.90	7,468.00	6,568.00	5,913.00	501,960.00	8,958.00
103	3/29/2023	85.60	7,804.00	6,704.00	4,590.00	500,920.00	8,955.00
104	3/29/2023	85.68	7,305.00	6,299.00	4,880.00	503,700.00	8,959.00
105	3/29/2023	87.80	7,206.00	5,920.00	4,412.00	497,580.00	9,086.00
106	3/29/2023	83.40	7,224.00	7,044.00	4,485.00	497,800.00	9,106.00
107	3/30/2023	86.60	7,177.00	6,549.00	4,610.00	500,400.00	9,035.00

05/03/2024