

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Flat Creek Resources LLC 777 Main Street, Suite 3600 Fort Worth TX 76102		² OGRID Number 374034
		³ Reason for Filing Code/ Effective Date NW 10/3/21
⁴ API Number 30 - 0 15-46755	⁵ Pool Name Purple Sage: Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 333919	⁸ Property Name Phantom Bank 31 Federal	⁹ Well Number 502H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	32	26S	31E		600	N	400	W	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L1	31	26S	31E		852	N	127	W	Eddy
¹² Lse Code F	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 10/3/23	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
370019	Oryx Delaware Oil Transport 4000 Big Spring St., Ste. 500 Midland TX 79705	O
314437	Delaware Basin Midstream LLC 9950 Woodloch Forest Dr., Ste. 2800 The Woodlands TX 77380	G

IV. Well Completion Data

²¹ Spud Date 6/27/2021	²² Ready Date 10/3/2021	²³ 16,859 MD 11,363 TVD	²⁴ PBDT 16,851	²⁵ Perforations 11,978 - 16,653	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
14 3/4		10 3/4	997		750 SXS Ext.
9 7/8		7 5/8	10,726		1050 CLC
6 3/4 6 3/4		5-1/2 5	0 - 10,634 10,634 - 16,855		5-1/2 x 5" Crossover @ 10,634 725 sks CLC
2 7/8 Tubing		@ 10,543	6.5#; L80		

V. Well Test Data

³¹ Date New Oil 10/3/2021	³² Gas Delivery Date 10/3/2021	³³ Test Date 10/25/2021	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2100
³⁷ Choke Size 32/64	³⁸ Oil 1050	³⁹ Water 2612	⁴⁰ Gas 4602		⁴¹ Test Method Gas Lift
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sandra Belt</i>			OIL CONSERVATION DIVISION		
Printed name: Sandra Belt			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Specialist			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: sandra@permianregulatory.com			Approval Date: <i>10/10/2024</i>		
Date: 9/26/23		Phone: 432-413-9797			

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

0 AMENDED REPORT

FINAL BOTTOM TAKE POINT		FINAL TOP TAKE POINT		FINAL KICK-OFF POINT	
X=	657,705'	X=	662,378'	X=	663,073'
Y=	365,405'	Y=	365,474'	Y=	365,529'
LAT.	32.003592° N	LAT.	32.003721° N	LAT.	32.003861° N
LONG.	103.824583° W	LONG.	103.809507° W	LONG.	103.807262° W
	NAD27		NAD27		NAD27
X=	698,891'	X=	703,565'	X=	704,260'
Y=	365,462'	Y=	365,531'	Y=	365,586'
LAT.	32.003717° N	LAT.	32.003846° N	LAT.	32.003987° N
LONG.	103.825058° W	LONG.	103.809981° W	LONG.	103.807736° W
	NADB1/86		NADB3/86		NADB3/86

ACTUAL BOTTOM HOLE LOCATION		CORNER COORDINATES TABLE (NAO 27)		PHANTOM BANK 31 FED COM NO 502H WELL	
X=	657,501'	A - Y=366245.06,	X=657370.11	X=	663,106'
Y=	365,395'	B - Y=366283.60,	X=660040.51	Y=	365,723'
LAT.	32.003666° N	C - Y=366321.04,	X=662703.16	LAT.	32.004395° N
LONG.	103.825239° W	D - Y=366332.89,	X=665368.25	LONG.	103.807152° W
	NAD27	E - Y=364109.66,	X=657381.51	X=	704,293'
X=	698,688'	F - Y=364123.23,	X=660052.17	Y=	365,780'
Y=	365,452'	G - Y=364137.17,	X=662715.32	LAT.	32.004520° N
LAT.	32.003691° N			LONG.	103.807626° W
LONG.	103.825714° W			ELEV.	+3130 NAVD88
	NADB3/86				

The survey map shows a section of land divided into four quadrants labeled A, B, C, and D. The boundary between Eddy County, New Mexico and Loving County, Texas runs along the bottom edge. Key points are marked as follows:

- Final Bottom Take Point @ 16,655' MD 844.91' FNL**: Located in quadrant A.
- Actual Bottom Hole Location @ 16,859' MD**: Located in quadrant A.
- Final Top Take Point @ 11,977' MD- 842.09' FNL, 330.00' FEL**: Located at the intersection of the section line and the phantom bank well line.
- Final Kick-Off Point @ 10,897' MD 793.99' FNL, 365.89' FWL**: Located in quadrant D.
- Phantom Bank 31 Fed Com No 502H Well**: A dashed line representing the well's path, starting from the Final Kick-Off Point and ending at the Final Top Take Point.
- Section Line**: A dashed line running horizontally across the middle of the map, separating Section 31 from Section 32.
- County Boundary**: A solid line running horizontally along the bottom edge, separating Eddy County, New Mexico from Loving County, Texas.

Phoenix Technology Services
Design Report 28-Jul-2021 12:55:55

Flat Creek Resources, LLC

Phantom Bank 31 Fed Com 502H
Eddy County, NM (NAD27 NME)
OH / 67810
Surveys (H&P 653)

Surface Loc.:

Northing: (Y) 365723.00

Easting: (X) 663106.00

RKB Elev: 3156.50'

GL Elev: 3130.00'

Survey Type Information:

H 220.00 - 16859.00 PHOENIX MWD SURVEYS : MWD+HRGM

Measured Depth (ft)	Incl.	Azim.	Sub-Sea Depth (ft)	Vertical Depth (ft)	Local Cool (+N/-S) (ft)	(+E/-W) (ft)	Map Coordinates	
							Northings (ft)	Eastings (ft)
0	0	0	-3156.5	0	0	0	365723	663106
220	0.79	356.76	-2936.51	219.99	1.51	-0.09	365724.5	663105.9
313	1.19	359.31	-2843.52	312.98	3.12	-0.13	365726.1	663105.9
407	1.23	19.79	-2749.54	406.96	5.05	0.2	365728.1	663106.2
499	0.13	29.19	-2657.55	498.95	6.07	0.58	365729.1	663106.6
592	1.49	30.07	-2564.56	591.94	7.2	1.24	365730.2	663107.2
779	2.42	5.46	-2377.67	778.83	13.24	2.83	365736.2	663108.8
873	2.51	353.86	-2283.76	872.74	17.26	2.8	365740.3	663108.8
929	1.8	353.51	-2227.8	928.7	19.35	2.57	365742.4	663108.6
1054	0.97	19.35	-2102.83	1053.67	22.3	2.7	365745.3	663108.7
1242	1.45	189.68	-1914.85	1241.65	21.46	2.83	365744.5	663108.8
1429	1.27	192.49	-1727.9	1428.6	17.1	1.98	365740.1	663108
1618	1.54	183.7	-1538.96	1617.54	12.52	1.36	365735.5	663107.4
1806	1.63	189.15	-1351.03	1805.47	7.36	0.78	365730.4	663106.8
1993	1.89	195.13	-1164.12	1992.38	1.76	-0.45	365724.8	663105.6
2180	1.98	192.67	-977.22	2179.28	-4.37	-1.97	365718.6	663104
2368	1.71	190.38	-789.32	2367.18	-10.3	-3.18	365712.7	663102.8
2556	1.67	192.93	-601.4	2555.1	-15.72	-4.3	365707.3	663101.7
2744	1.71	173.77	-413.48	2743.02	-21.18	-4.61	365701.8	663101.4
2931	1.23	186.51	-226.54	2929.96	-25.95	-4.53	365697.1	663101.5
3117	0.97	178.25	-40.58	3115.92	-29.51	-4.71	365693.5	663101.3
3304	1.67	158.04	146.37	3302.87	-33.62	-3.65	365689.4	663102.4
3491	2.11	152.06	333.27	3489.77	-39.19	-1.01	365683.8	663105

3678	1.41	188.27	520.19	3676.69	-44.5	0.27	365678.5	663106.3
3865	1.45	205.76	707.13	3863.63	-48.91	-1.09	365674.1	663104.9
4053	1.36	235.29	895.07	4051.57	-52.32	-3.96	365670.7	663102
4239	1.49	212.88	1081.02	4237.52	-55.61	-7.09	365667.4	663098.9
4426	1.54	231.95	1267.95	4424.45	-59.2	-10.38	365663.8	663095.6
4613	1.32	188.89	1454.9	4611.4	-62.88	-12.7	365660.1	663093.3
4800	1.36	222.9	1641.85	4798.35	-66.63	-14.54	365656.4	663091.5
4988	1.1	225.1	1829.81	4986.31	-69.54	-17.34	365653.5	663088.7
5174	0.97	177.9	2015.78	5172.28	-72.38	-18.54	365650.6	663087.5
5361	0.92	195.21	2202.76	5359.26	-75.41	-18.88	365647.6	663087.1
5548	1.01	210.42	2389.73	5546.23	-78.28	-20.11	365644.7	663085.9
5736	1.85	164.63	2577.68	5734.18	-82.63	-20.14	365640.4	663085.9
5923	1.71	160.67	2764.59	5921.09	-88.17	-18.42	365634.8	663087.6
6110	1.8	186.87	2951.5	6108	-93.72	-17.85	365629.3	663088.2
6297	1.76	195.21	3138.41	6294.91	-99.41	-18.95	365623.6	663087.1
6485	1.71	186.43	3326.32	6482.82	-104.98	-20.02	365618	663086
6672	1.89	206.03	3513.23	6669.73	-110.53	-21.69	365612.5	663084.3
6859	1.71	199.79	3700.14	6856.64	-115.92	-23.99	365607.1	663082
7046	1.8	195.48	3887.05	7043.55	-121.38	-25.72	365601.6	663080.3
7233	1.8	183.61	4073.96	7230.46	-127.14	-26.68	365595.9	663079.3
7420	1.85	185.99	4260.87	7417.37	-133.07	-27.18	365589.9	663078.8
7609	1.71	193.37	4449.78	7606.28	-138.85	-28.15	365584.2	663077.9
7796	1.54	195.92	4636.7	7793.2	-143.98	-29.49	365579	663076.5
7982	0.66	168.67	4822.67	7979.17	-147.44	-29.96	365575.6	663076
8169	0.57	335.58	5009.66	8166.16	-147.64	-30.14	365575.4	663075.9
8356	0.4	68.39	5196.66	8353.16	-146.56	-29.91	365576.4	663076.1
8544	0.66	280.64	5384.65	8541.15	-146.12	-30.37	365576.9	663075.6
8731	1.85	195.83	5571.62	8728.12	-148.82	-32.25	365574.2	663073.8
8919	1.89	197.06	5759.52	8916.02	-154.7	-33.99	365568.3	663072
9107	2.11	201.89	5947.4	9103.9	-160.88	-36.19	365562.1	663069.8
9294	2.33	177.46	6134.27	9290.77	-167.87	-37.3	365555.1	663068.7
9482	0.22	206.55	6322.21	9478.71	-172.01	-37.29	365551	663068.7
9669	0.88	160.15	6509.2	9665.7	-173.68	-36.97	365549.3	663069
9856	1.32	155.31	6696.17	9852.67	-176.99	-35.58	365546	663070.4
9949	0.97	163.93	6789.15	9945.65	-178.72	-34.92	365544.3	663071.1
10136	1.98	186.51	6976.08	10132.58	-183.45	-34.84	365539.6	663071.2
10323	1.1	166.83	7163.02	10319.52	-188.41	-34.8	365534.6	663071.2
10510	0.48	157.6	7350	10506.5	-190.88	-34.09	365532.1	663071.9
10680	0.44	115.32	7519.99	10676.49	-191.82	-33.23	365531.2	663072.8
10803	0.7	184.05	7642.99	10799.49	-192.77	-32.86	365530.2	663073.1
10897	1.05	188.89	7736.98	10893.48	-194.19	-33.03	365528.8	663073
10991	6.59	248.83	7830.75	10987.25	-197	-38.2	365526	663067.8
11038	7.47	264.12	7877.4	11033.9	-198.28	-43.75	365524.7	663062.3
11084	9.8	267.81	7922.87	11079.37	-198.74	-50.64	365524.3	663055.4
11131	11.82	272.56	7969.04	11125.54	-198.68	-59.45	365524.3	663046.6
11178	15.56	269.04	8014.7	11171.2	-198.57	-70.56	365524.4	663035.4
11272	30.55	260.52	8100.96	11257.46	-202.74	-106.95	365520.3	662999.1

11319	37.93	258.5	8139.79	11296.29	-207.59	-132.92	365515.4	662973.1
11366	43.21	254.63	8175.49	11331.99	-214.74	-162.62	365508.3	662943.4
11413	49.89	257.27	8207.79	11364.29	-222.98	-195.71	365500	662910.3
11460	52.66	263.33	8237.21	11393.71	-229.11	-231.82	365493.9	662874.2
11507	58.55	266.93	8263.75	11420.25	-232.36	-270.44	365490.6	662835.6
11554	64.7	268.69	8286.08	11442.58	-233.92	-311.74	365489.1	662794.3
11601	73.27	267.2	8302.92	11459.42	-235.51	-355.55	365487.5	662750.5
11647	80.35	266.67	8313.41	11469.91	-237.91	-400.24	365485.1	662705.8
11679	86.33	266.41	8317.12	11473.62	-239.82	-431.95	365483.2	662674.1
11710	91.74	267.72	8317.64	11474.14	-241.41	-462.89	365481.6	662643.1
11742	93.67	268.34	8316.13	11472.63	-242.51	-494.84	365480.5	662611.2
11804	93.41	268.43	8312.3	11468.8	-244.25	-556.69	365478.8	662549.3
11866	96.97	267.81	8306.7	11463.2	-246.28	-618.4	365476.7	662487.6
11928	97.76	267.99	8298.75	11455.25	-248.53	-679.84	365474.5	662426.2
11977.96	95.78	270.05	8292.86	11449.36	-249.38	-729.44	365473.6	662376.6
12022	94.02	271.86	8289.1	11445.6	-248.64	-773.31	365474.4	662332.7
12115	92.84	272.03	8283.54	11440.04	-245.49	-866.09	365477.5	662239.9
12209	89.8	273.61	8281.37	11437.87	-240.87	-959.94	365482.1	662146.1
12302	90.64	273	8281.01	11437.51	-235.51	-1052.78	365487.5	662053.2
12395	91.34	273	8279.41	11435.91	-230.64	-1145.64	365492.4	661960.4
12489	90.99	272.73	8277.5	11434	-225.94	-1239.5	365497.1	661866.5
12583	89.93	270.63	8276.74	11433.24	-223.19	-1333.45	365499.8	661772.6
12677	89.05	268.96	8277.58	11434.08	-223.52	-1427.44	365499.5	661678.6
12771	89.45	267.99	8278.81	11435.31	-226.03	-1521.4	365497	661584.6
12865	90.15	267.9	8279.14	11435.64	-229.4	-1615.34	365493.6	661490.7
12958	90.95	267.29	8278.24	11434.74	-233.3	-1708.25	365489.7	661397.8
13052	91.78	266.23	8276.01	11432.51	-238.61	-1802.07	365484.4	661303.9
13145	93.01	266.41	8272.12	11428.62	-244.57	-1894.8	365478.4	661211.2
13239	93.14	268.16	8267.08	11423.58	-249.02	-1988.55	365474	661117.5
13332	92.09	269.48	8262.83	11419.33	-250.93	-2081.43	365472.1	661024.6
13426	89.58	269.75	8261.46	11417.96	-251.56	-2175.41	365471.4	660930.6
13520	90.33	269.57	8261.54	11418.04	-252.12	-2269.41	365470.9	660836.6
13614	90.11	268.96	8261.18	11417.68	-253.33	-2363.4	365469.7	660742.6
13707	91.12	268.87	8260.18	11416.68	-255.09	-2456.38	365467.9	660649.6
13801	90.99	270.54	8258.45	11414.95	-255.57	-2550.36	365467.4	660555.6
13894	90.42	270.1	8257.3	11413.8	-255.05	-2643.35	365468	660462.7
13988	91.16	269.48	8256.01	11412.51	-255.4	-2737.34	365467.6	660368.7
14081	90.02	267.99	8255.05	11411.55	-257.45	-2830.31	365465.6	660275.7
14175	90.86	268.08	8254.33	11410.83	-260.67	-2924.25	365462.3	660181.8
14269	88.92	268.08	8254.51	11411.01	-263.82	-3018.19	365459.2	660087.8
14362	88.88	267.37	8256.29	11412.79	-267.51	-3111.1	365455.5	659994.9
14456	89.58	266.93	8257.56	11414.06	-272.19	-3204.97	365450.8	659901
14549	90.59	266.05	8257.42	11413.92	-277.88	-3297.8	365445.1	659808.2
14643	92.09	266.93	8255.22	11411.72	-283.63	-3391.59	365439.4	659714.4
14737	92.09	268.69	8251.79	11408.29	-287.22	-3485.46	365435.8	659620.5
14831	91.78	268.96	8248.62	11405.12	-289.15	-3579.38	365433.9	659526.6
14924	90.59	268.52	8246.69	11403.19	-291.19	-3672.34	365431.8	659433.7

15018	91.56	268.08	8244.93	11401.43	-293.98	-3766.28	365429	659339.7
15111	92.22	269.22	8241.86	11398.36	-296.17	-3859.2	365426.8	659246.8
15205	93.49	270.01	8237.18	11393.68	-296.8	-3953.08	365426.2	659152.9
15298	90.2	270.27	8234.19	11390.69	-296.58	-4046.02	365426.4	659060
15392	89.1	269.31	8234.76	11391.26	-296.92	-4140.01	365426.1	658966
15485	89.45	268.96	8235.94	11392.44	-298.32	-4233	365424.7	658873
15579	89.8	268.25	8236.55	11393.05	-300.61	-4326.97	365422.4	658779
15673	90.51	268.52	8236.3	11392.8	-303.26	-4420.93	365419.7	658685.1
15767	86.46	268.78	8238.78	11395.28	-305.48	-4514.85	365417.5	658591.2
15860	86.86	268.69	8244.2	11400.7	-307.52	-4607.67	365415.5	658498.3
15954	90.15	269.39	8246.65	11403.15	-309.1	-4701.61	365413.9	658404.4
16047	91.16	270.54	8245.59	11402.09	-309.16	-4794.6	365413.8	658311.4
16140	92	270.36	8243.03	11399.53	-308.43	-4887.56	365414.6	658218.4
16234	92.7	269.48	8239.17	11395.67	-308.56	-4981.48	365414.4	658124.5
16328	93.54	269.22	8234.06	11390.56	-309.62	-5075.33	365413.4	658030.7
16422	93.45	268.87	8228.33	11384.83	-311.18	-5169.15	365411.8	657936.9
16516	93.93	268.52	8222.28	11378.78	-313.32	-5262.93	365409.7	657843.1
16609	92.18	268.16	8217.32	11373.82	-316.01	-5355.75	365407	657750.3
16656.04	92.14	267.54	8215.55	11372.05	-317.77	-5402.72	365405.2	657703.3
16703	92.09	266.93	8213.82	11370.32	-320.04	-5449.6	365403	657656.4
16788	92.79	267.02	8210.2	11366.7	-324.52	-5534.4	365398.5	657571.6
16859	92.79	267.02	8206.74	11363.24	-328.2	-5605.22	365394.8	657500.8

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to RKB. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 266.960° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East
Grid Convergence at Surface is 0.279°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 16859.00ft.,
the Bottom Hole Displacement is 5614.82ft., in the Direction of 266.960° (Grid).

Geographic		Vertical	Dogleg	Annotation
Latitude	Longitude	Section (ft)	Rate (deg/100)	
32° 0' 15.8"	103° 48' 25"	0	0	
32° 0' 15.8"	103° 48' 25"	0.01	0.36	First Phoenix MWD Survey
32° 0' 15.8"	103° 48' 25"	-0.03	0.43	
32° 0' 15.8"	103° 48' 25"	-0.46	0.46	
32° 0' 15.8"	103° 48' 25"	-0.9	1.2	
32° 0' 15.8"	103° 48' 25"	-1.62	1.46	
32° 0' 15.9"	103° 48' 25"	-3.53	0.66	
32° 0' 15.9"	103° 48' 25"	-3.71	0.54	
32° 0' 16.0"	103° 48' 25"	-3.59	1.27	
32° 0' 16.0"	103° 48' 25"	-3.88	0.82	
32° 0' 16.0"	103° 48' 25"	-3.96	1.28	
32° 0' 15.9"	103° 48' 25"	-2.89	0.1	
32° 0' 15.9"	103° 48' 25"	-2.03	0.18	
32° 0' 15.8"	103° 48' 25"	-1.17	0.09	
32° 0' 15.8"	103° 48' 25"	0.36	0.17	
32° 0' 15.7"	103° 48' 25"	2.19	0.07	
32° 0' 15.7"	103° 48' 25"	3.72	0.15	
32° 0' 15.6"	103° 48' 25"	5.13	0.05	
32° 0' 15.6"	103° 48' 25"	5.73	0.3	
32° 0' 15.5"	103° 48' 25"	5.9	0.31	
32° 0' 15.5"	103° 48' 25"	6.27	0.16	
32° 0' 15.4"	103° 48' 25"	5.42	0.44	
32° 0' 15.4"	103° 48' 25"	3.09	0.26	

32° 0' 15.3" 103° 48' 25	2.09	0.68
32° 0' 15.3" 103° 48' 25	3.68	0.23
32° 0' 15.3" 103° 48' 25	6.73	0.38
32° 0' 15.2" 103° 48' 25	10.03	0.31
32° 0' 15.2" 103° 48' 25	13.51	0.27
32° 0' 15.2" 103° 48' 25	16.01	0.57
32° 0' 15.1" 103° 48' 25	18.05	0.42
32° 0' 15.1" 103° 48' 25	21	0.14
32° 0' 15.1" 103° 48' 25	22.36	0.45
32° 0' 15.0" 103° 48' 25	22.85	0.15
32° 0' 15.0" 103° 48' 25	24.23	0.14
32° 0' 15.0" 103° 48' 25	24.5	0.72
32° 0' 14.9" 103° 48' 25	23.07	0.1
32° 0' 14.9" 103° 48' 25	22.79	0.43
32° 0' 14.8" 103° 48' 25	24.2	0.14
32° 0' 14.7" 103° 48' 25	25.56	0.14
32° 0' 14.7" 103° 48' 26	27.52	0.34
32° 0' 14.6" 103° 48' 26	30.1	0.14
32° 0' 14.6" 103° 48' 26	32.12	0.09
32° 0' 14.5" 103° 48' 26	33.39	0.2
32° 0' 14.5" 103° 48' 26	34.2	0.05
32° 0' 14.4" 103° 48' 26	35.48	0.14
32° 0' 14.4" 103° 48' 26	37.08	0.1
32° 0' 14.3" 103° 48' 26	37.74	0.54
32° 0' 14.3" 103° 48' 26	37.92	0.65
32° 0' 14.3" 103° 48' 26	37.65	0.38
32° 0' 14.3" 103° 48' 26	38.08	0.54
32° 0' 14.3" 103° 48' 26	40.1	1.02
32° 0' 14.2" 103° 48' 26	42.14	0.03
32° 0' 14.2" 103° 48' 26	44.67	0.15
32° 0' 14.1" 103° 48' 26	46.15	0.52
32° 0' 14.1" 103° 48' 26	46.36	1.14
32° 0' 14.1" 103° 48' 26	46.13	0.4
32° 0' 14.0" 103° 48' 26	44.92	0.24
32° 0' 14.0" 103° 48' 26	44.34	0.42
32° 0' 14.0" 103° 48' 26	44.52	0.61
32° 0' 13.9" 103° 48' 26	44.74	0.54
32° 0' 13.9" 103° 48' 26	44.17	0.34
32° 0' 13.9" 103° 48' 26	43.36	0.2
32° 0' 13.9" 103° 48' 26	43.03	0.55
32° 0' 13.9" 103° 48' 26	43.28	0.38
32° 0' 13.8" 103° 48' 26	48.59	6.52
32° 0' 13.8" 103° 48' 26	54.21	4.38
32° 0' 13.8" 103° 48' 26	61.11	5.2
32° 0' 13.8" 103° 48' 26	69.9	4.69
32° 0' 13.8" 103° 48' 26	81	8.15
32° 0' 13.8" 103° 48' 27	117.55	16.3

32° 0' 13.7" 103° 48' 27"	143.75	15.89
32° 0' 13.7" 103° 48' 27"	173.78	12.44
32° 0' 13.6" 103° 48' 28"	207.26	14.78
32° 0' 13.5" 103° 48' 28"	243.65	11.65
32° 0' 13.5" 103° 48' 28"	282.38	14.03
32° 0' 13.5" 103° 48' 29"	323.71	13.49
32° 0' 13.5" 103° 48' 29"	367.53	18.47
32° 0' 13.4" 103° 48' 30"	412.29	15.43
32° 0' 13.4" 103° 48' 30"	444.06	18.7
32° 0' 13.4" 103° 48' 31"	475.04	17.96
32° 0' 13.4" 103° 48' 31"	507	6.33
32° 0' 13.4" 103° 48' 32"	568.86	0.44
32° 0' 13.4" 103° 48' 32"	630.59	5.83
32° 0' 13.3" 103° 48' 33"	692.07	1.31
32° 0' 13.3" 103° 48' 34"	741.64	5.71 HL Crossing: 11978' MD
32° 0' 13.4" 103° 48' 34"	785.41	5.71
32° 0' 13.4" 103° 48' 35"	877.89	1.28
32° 0' 13.4" 103° 48' 36"	971.36	3.64
32° 0' 13.5" 103° 48' 37"	1063.79	1.12
32° 0' 13.5" 103° 48' 39"	1156.26	0.75
32° 0' 13.6" 103° 48' 40"	1249.74	0.47
32° 0' 13.6" 103° 48' 41"	1343.41	2.5
32° 0' 13.6" 103° 48' 42"	1437.29	2.01
32° 0' 13.6" 103° 48' 43"	1531.25	1.12
32° 0' 13.6" 103° 48' 44"	1625.23	0.75
32° 0' 13.5" 103° 48' 45"	1718.22	1.08
32° 0' 13.5" 103° 48' 46"	1812.19	1.43
32° 0' 13.4" 103° 48' 47"	1905.1	1.34
32° 0' 13.4" 103° 48' 48"	1998.96	1.86
32° 0' 13.4" 103° 48' 49"	2091.81	1.81
32° 0' 13.4" 103° 48' 51"	2185.69	2.69
32° 0' 13.4" 103° 48' 52"	2279.59	0.82
32° 0' 13.4" 103° 48' 53"	2373.51	0.69
32° 0' 13.4" 103° 48' 54"	2466.45	1.09
32° 0' 13.4" 103° 48' 55"	2560.32	1.78
32° 0' 13.4" 103° 48' 56"	2653.16	0.77
32° 0' 13.4" 103° 48' 57"	2747.03	1.03
32° 0' 13.4" 103° 48' 58"	2839.98	2.02
32° 0' 13.3" 103° 48' 59"	2933.96	0.9
32° 0' 13.3" 103° 49' 0.0"	3027.93	2.06
32° 0' 13.3" 103° 49' 1.0"	3120.91	0.76
32° 0' 13.2" 103° 49' 2.0"	3214.9	0.88
32° 0' 13.2" 103° 49' 4.0"	3307.89	1.44
32° 0' 13.1" 103° 49' 5.0"	3401.86	1.85
32° 0' 13.1" 103° 49' 6.0"	3495.78	1.87
32° 0' 13.1" 103° 49' 7.0"	3589.68	0.44
32° 0' 13.1" 103° 49' 8.0"	3682.61	1.36

32° 0' 13.0"	103° 49' 9."	3776.57	1.13
32° 0' 13.0"	103° 49' 10"	3869.48	1.42
32° 0' 13.0"	103° 49' 11"	3963.26	1.59
32° 0' 13.0"	103° 49' 12"	4056.05	3.55
32° 0' 13.0"	103° 49' 13"	4149.93	1.55
32° 0' 13.0"	103° 49' 14"	4242.86	0.53
32° 0' 13.0"	103° 49' 16"	4336.82	0.84
32° 0' 13.0"	103° 49' 17"	4430.79	0.81
32° 0' 13.0"	103° 49' 18"	4524.69	4.32
32° 0' 13.0"	103° 49' 19"	4617.49	0.44
32° 0' 12.9"	103° 49' 20"	4711.38	3.58
32° 0' 12.9"	103° 49' 21"	4804.25	1.65
32° 0' 13.0"	103° 49' 22"	4897.04	0.92
32° 0' 13.0"	103° 49' 23"	4990.83	1.2
32° 0' 13.0"	103° 49' 24"	5084.61	0.94
32° 0' 12.9"	103° 49' 25"	5178.37	0.38
32° 0' 12.9"	103° 49' 26"	5272.14	0.63
32° 0' 12.9"	103° 49' 27"	5364.97	1.92
32° 0' 12.9"	103° 49' 28"	5411.97	1.31 HL Crossing: 16656' MD
32° 0' 12.9"	103° 49' 29"	5458.9	1.31
32° 0' 12.8"	103° 49' 30"	5543.82	0.83 Final Phoenix MWD Survey
32° 0' 12.8"	103° 49' 30"	5614.74	0 Projection to TD

ast 3001.

Intent ☐ As Drilled ☐

API #			9/26/23
Operator Name:		Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-46755
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Flat Creek Resources, LLC		6. State Oil & Gas Lease No. 333919
3. Address of Operator 777 Main Street, Ste. 3600 Fort Worth TX 76102		7. Lease Name or Unit Agreement Name Phantom Bank 31 Fed
4. Well Location Unit Letter <u>D</u> : <u>600</u> feet from the <u>N</u> line and <u>400</u> feet from the <u>W</u> line Section <u>32</u> Township <u>26S</u> Range <u>31E</u> NMPM County <u>Eddy</u>		8. Well Number 502H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3130 GR		9. OGRID Number 374034
		10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas) 98220

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Flat Creek Resources, LLC respectfully wishes to report the completion of this well as follows.

8/22/21: Pressure test 5-1/2" production casing to 10,022#. Good test.

8/22 through 9/13/21: Perf and frac stages 1 - 31. Perfs 11,978 to 16,653; 992 holes;

perforation size .42. 274,389 bbls. of fluid; 11,539,894 lbs. proppant.

9/27 through 9/29/21: Drill out plugs. PBDT @ 16,851.

10/3/21: Start flowback. New oil.

10/25/21: 24 hour production test; 1050 bbls. oil; 4602 mcf gas; 2612 bbls water.

Spud Date:

6/27/21

Rig Release Date:

7/12/21

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sandra Belt TITLE Regulatory Specialist DATE 9/26/23

Type or print name Sandra Belt E-mail address: sandra@permianregulatory.com PHONE: 432.413.9797

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-46755		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Phantom Bank 31 Federal		
								6. Well Number: 502H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Flat Creek Resources, LLC							9. OGRID 374034			
10. Address of Operator 777 Main Street, Suite 3600 Fort Worth TX 76102							11. Pool name or Wildcat Purple Sage; Wolfcamp (Gas) (98220)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	32	26S	31E		600	N	400	W	Eddy
BH:	L1	31	26S	31E		852	N	127	W	Eddy
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
6/27/21	7/9/21		7/12/21			10/3/21		GR		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
16,859 MD 11,363 TVD			16,851			YES		GAMMA RAY		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
11,978 - 16,653 Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10 3/4		40.5		997		14 3/4		750 CLC		
7 5/8		29.7		10,726		9 7/8		1050 CLC		
5 1/2		18		0 - 10,634		6 3/4		5-1/2"x 5" Crossover		10,634
5		20		10,634 - 16,855		6 3/4		725 CLC		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE		DEPTH SET	
							2 7/8		10,543	
									6.5# L80	
26. Perforation record (interval, size, and number) 11,978 - 16,653 .42 992 HOLES						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,978 - 16,653		274,389 bbls. fluid		
								11,539,894 lbs. proppant		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
10/3/2021		Gas Lift				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
10/25/2021	24	32/64		1050	4602	2612	4383			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	2100		1050	4602	2612	51.3				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
Sold										
31. List Attachments										
C-104, C-102, Survey, KOP, C-103, C-105										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Sandra Belt</i>			Printed Name Sandra Belt			Title Regulatory Specialist			Date 9/26/23	
E-mail Address sandra@permianregulatory.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Alluvium 26	T. Bell Canyon 3841	T. Ojo Alamo	T. Penn A"
T. Salt 1519	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3595	T. Cherry Canyon 4753	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Lamar 3801	T. Brushy Canyon 6102	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	*****
T. Tubb	T. Delaware Sand	T. Morrison	2nd BS SH 9026
T. Drinkard	T. Bone Spring 7715	T. Todilto	3rd BS SH 9788
T. Abo	T. 1st Bone Spring 8711	T. Entrada	Wolfcamp A Upper 11158
T. Wolfcamp	T. 2nd Bone Spring 9333	T. Wingate	Wolfcamp A Lower 11286
T. Penn	T. 3rd Bone Spring 10633	T. Chinle	
T. Cisco (Bough C)	T. Wolfcamp 10987	T. Permian	

* * * * *

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 308557

ACKNOWLEDGMENTS

Operator: Flat Creek Resources, LLC 777 Main St. Fort Worth, TX 76102	OGRID: 374034
	Action Number: 308557
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 308557

CONDITIONS

Operator: Flat Creek Resources, LLC 777 Main St. Fort Worth, TX 76102	OGRID: 374034
	Action Number: 308557
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	10/10/2024