

Allocation Methodology

Description

See attached illustrative diagram for process flow to support a surface commingling Tank Battery facilities design for these diverse ownership wells. Each well will flow to a bulk/test manifold, where wells can be directed to 3-phase bulk or test separators. The 3-phase Test separators will separate and measure oil, gas and water before combining into common flow stream headers. Each well will be continuously tested for 72 hours per month, where the measurement of oil, gas and water is used to monthly allocate production volumes back to the individual well as follows:

- a) The allocated production will be calculated for each well by utilizing each well's monthly 72-hour well test measurement and the total oil, gas, or water leaving the facility. Calculations are as follows:

Oil Production:

Well Oil Allocation Factor =
(Well Oil Test (BBL/D)) / (Sum of Well Oil Test (BBL/D))

Downtime Corrected Well Oil Test (BBL/D) =
Oil Test (BBL/D) * (24 Hours – Downtime (hours))/24

Downtime Corrected Well Oil Allocation Factor =
Downtime Corrected Well Oil Test (BBL/D) / (Sum of Downtime Corrected Well Oil Test (BBL/D))

Daily Oil Production (BBL/Day) =
Downtime Corrected Well Oil Allocation Factor * Daily LACT Meter (BBL/D)

Water Production:

Well Water Allocation Factor =
(Well Water Test (BBL/D)) / (Sum of Well Water Test (BBL/D))

Downtime Corrected Well Water Test (BBL/D) =
(Well Water Test (BBL/D)) * (24 Hour – Downtime (hours))/24

Downtime Corrected Well Water Allocation Factor =
(Downtime Corrected Well Water Test (BBL/D) / (Sum of Downtime Corrected Well Water Test (BBL/D))

Daily Well Water (**BBL/D**) =

Downtime Corrected Well Water Allocation Factor* Daily Water Sales (**BBL/D**)

Produced Gas:

Well Produced Gas Allocation Factor =

(Well Produced Gas Test (**MMCFD**)) / (Sum of Well Produced Gas Test (MMCFD))

Downtime Corrected Produced Gas Well Test (MMCFD) =

(Well Produced Gas Test (MMCFD)) * (24 Hours – Downtime (hours))/24

Downtime Corrected Produced Gas Allocation Factor =

Downtime Corrected Well Produced Gas Well Test (MMCFD) / (Sum of Downtime Corrected Well Produced Gas Test (MMCFD))

Daily Produced Gas Sales (MMCFD) =

TOTAL Gas Sales (MMCFD) – Sum of Flash Gas Meter (MMCFD)

Daily Well Produced Gas (**MMCFD**) =

Downtime Corrected Well Produced Gas Allocation Factor * Daily Produced Gas Sales (MMCFD)

Gas Lift:

Daily Well Produced Gas (**MMCFD**) =

[Downtime Corrected Well Produced Gas Allocation Factor * Daily Produced Gas Sales (MMCFD)] – Daily Well Injected Gas Meter (MMCFD)

Beneficial Use Gas:

Daily Well Beneficial Use Gas (MMSCFD) =

Downtime Corrected Well Oil Allocation Factor* Daily Calculated Well Pad Beneficial Use Gas (MMCFD)

The metering device used to measure the oil, gas and water volumes at the three phase test separator are as follows:

1. OIL – The oil metering device on each test separator will be a Coriolis-style using electronic flow measurement (EFM) and appropriate industry and manufacturer standards. Each oil meter will be equipped with "proving loop" connections. Oil sales from the facility will be measured by LACT or through trucked oil load tickets. Oil Tank inventory will be reported with oil production volumes monthly.
2. GAS – The gas metering devices on each test separator will be an orifice plate meter using EFM and appropriate industry and manufacturer standards. Gas sales and buyback will also be measured via an orifice plate meter using EFM and appropriate industry and manufacturer

standards. Daily beneficial use gas is calculated based on daily heater treater burner runtime, and known daily flare pilot consumption rate.

3. WATER – The water metering device on each test separator will be magnetic meter using EFM and appropriate industry and manufacturer standards. Produced water from the central facility will be removed for disposal and measured through trucked water load tickets or produced water disposal pipeline pump on skid mag meters.

Commingled oil from each test and bulk separator will flow into a heated LP separator also known as a heater treater. The flash gas from the heater treater will flow to the gas sales. Oil from the heater treater will flow to an LP separator also known as a Vapor Recovery Tower (VRT). The flash gas from the VRT will be compressed by an LP flash gas compressor also known as a Vapor Recovery Unit (VRU) and sent to gas sales. The flash gas will be allocated per each well as follows:

- a) Total flash sales gas will be calculated as the sum of the heater treater and VRU gas outlet orifice meters.
- b) A flash gas allocation factor will be calculated for a given well by dividing the individual well's metered oil production via test by the sum of all the individual well's metered production via test that flow into the commingled heater treater & VRT LP separator system.
- c) The allocation flash gas will be calculated for each well by utilizing each well's monthly test measurement and the total oil entering the commingled heater treater & VRT LP separator system per the following calculations:

Well Flash Gas Allocation Factor =

$(\text{Well Oil Test (BBL/D)}) / (\text{Sum of Monthly Oil Test Rates}) * 100\%$

Downtime Corrected Well Flash Gas Production (MMCFD) =

$(\text{Well Oil Test (BBL/D)}) * (24 \text{ Hours} - \text{Downtime (hours)}) / 24$

Daily Well Flash Gas (MMCFD) =

$\text{Downtime Corrected Well Oil Allocation\%} * \text{Daily Sum of Flash Gas Meters (MMCFD)}$

Total produced gas sales will be calculated by subtracting the flash gas volume from the gas sales meter volume.

The metering device used to measure the sales gas is as follows:

4. GAS – The gas metering device will be an orifice plate meter using EFM and appropriate industry and manufacturer standards.

The planned artificial lift method used to produce the wells will be gas lift system. The gas lift system will utilize compressed produced gas as the injected motive used to lift fluids from the wellbore. Each well will be equipped with a dedicated gas lift injection orifice plate meter to measure lift gas volumes

for the individual well using EFM. The metering device used to measure injected gas volumes are as follows:

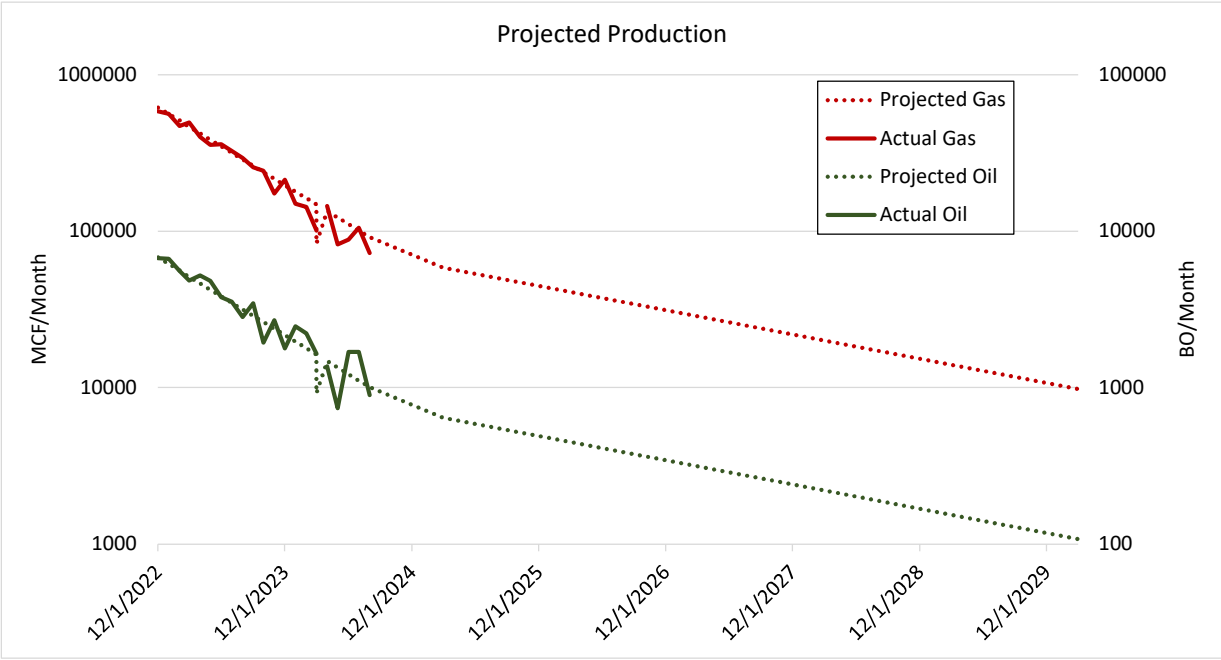
1. ARIFICIAL LIFT GAS – The gas lift metering device for each well will be an orifice plate meter tube using EFM and appropriate industry and manufacturer standards.

Meter Type and Testing Schedule

1. Oil
 - a. Test Separator Meters
 - i. Individual Well Meter – continuous measurement
 - ii. Oil meters will be tested quarterly using the Master Meter Method to ensure accuracy of the meter
 - iii. Oil Sales Meter – Gauged and trucked or pumped via pipeline
2. GAS
 - a. Test Separator Meters
 - i. Orifice plate meter tube, using a Total Flow Computer
 - ii. Gas allocation meters will be checked and calibrated semi-annually
 - b. Heater Treater & VRU Meters
 - i. Orifice plate meter tube, using a Total Flow Computer
 - ii. Gas allocation meters will be checked and calibrated semi-annually
 - c. Gas Sales Meter
 - i. Orifice plate meter using EFM and appropriate industry and manufacturer standards
3. Water
 - a. Test Separator Meters
 - i. Individual Well Meter – continuous measurement
 - ii. Water meters will be checked and calibrated on an as-needed basis
 111. Produced water volumes will be primarily used for production reporting
4. GAS – Artificial Lift
 - a. Individual Well Meters – continuous measurement
 - i. Orifice plate meter tube, using a Total Flow Computer
 - ii. Gas Lift will be checked and calibrated annually
 - b. Gas Buyback Meter
 - i. Orifice plate meter tube, using a Total Flow Computer
 - ii. Gas buyback check meter will be checked and calibrated semi-annually

Well Info		Prior 12 months production				Pricing		Royalty		Differential		Assumptions		Operating Costs		Taxes		Yearly Income		NET				
Well Name	Well Numbers	Start Date	End Date	Oil	Gas	Water	Gas	Oil	Gas	Oil	Gas	Electricity	Water Hauling (\$/bbl)	Pumper	Misc	Overhead	Oil	Gas	Oil	Gas	Monthly Expenses	TOTAL	Discounted	
EXAMPLE 1, 2, 3		9/1/2024	9/1/2025	11,000	1,000,000	1,100	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$506,736	\$2,139,840	\$17,950.00	\$2,626,616.00	\$2,626,616.00
EXAMPLE 1, 2, 3		9/2/2025	9/1/2026	7,700	700,000	770	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$354,708	\$1,497,888	\$16,465.00	\$1,836,131.20	\$1,669,210.18
EXAMPLE 1, 2, 3		9/2/2026	9/1/2027	5,390	490,000	539	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$248,296	\$1,048,522	\$15,425.50	\$1,281,391.84	\$1,059,001.52
EXAMPLE 1, 2, 3		9/2/2027	9/1/2028	3,773	343,000	377	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$173,807	\$733,965	\$14,697.85	\$893,074.29	\$670,979.93
EXAMPLE 1, 2, 3		9/2/2028	9/1/2029	2,641	240,100	264	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$121,665	\$513,776	\$14,188.50	\$621,252.00	\$424,323.48
EXAMPLE 1, 2, 3		9/2/2029	9/1/2030	1,849	168,070	185	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$85,165	\$359,643	\$13,831.95	\$430,976.40	\$287,602.44
EXAMPLE 1, 2, 3		9/2/2030	9/1/2031	1,294	117,649	129	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$59,616	\$251,750	\$13,582.36	\$297,783.48	\$168,091.01
EXAMPLE 1, 2, 3		9/2/2031	9/1/2032	1,165	105,884	91	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$53,654	\$226,575	\$13,407.65	\$266,821.61	\$136,921.67
EXAMPLE 1, 2, 3		9/2/2032	9/1/2033	1,048	95,296	63	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$48,289	\$203,918	\$13,285.36	\$238,920.98	\$111,458.40
EXAMPLE 1, 2, 3		9/2/2033	9/1/2034	943	85,766	44	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$43,460	\$183,526	\$13,199.75	\$213,785.95	\$90,666.11
EXAMPLE 1, 2, 3		9/2/2034	9/1/2035	849	77,190	31	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$39,114	\$165,173	\$13,139.83	\$191,147.30	\$73,695.56
EXAMPLE 1, 2, 3		9/2/2035	9/1/2036	764	69,471	22	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$35,203	\$148,656	\$13,097.88	\$170,760.54	\$59,850.53
EXAMPLE 1, 2, 3		9/2/2036	9/1/2037	688	62,524	15	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$31,682	\$133,790	\$13,068.51	\$152,404.06	\$48,560.63
EXAMPLE 1, 2, 3		9/2/2037	9/1/2038	619	56,271	11	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$28,514	\$120,411	\$13,047.96	\$135,877.36	\$39,358.83
EXAMPLE 1, 2, 3		9/2/2038	9/1/2039	557	50,644	7	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$25,663	\$108,370	\$13,033.57	\$120,999.21	\$31,862.87
EXAMPLE 1, 2, 3		9/2/2039	9/1/2040	501	45,580	5	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$23,096	\$97,533	\$13,023.50	\$107,606.01	\$25,760.02
EXAMPLE 1, 2, 3		9/2/2040	9/1/2041	451	41,022	4	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$20,787	\$87,780	\$13,016.45	\$95,550.11	\$20,794.49
EXAMPLE 1, 2, 3		9/2/2041	9/1/2042	406	36,920	3	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$18,708	\$79,002	\$13,011.52	\$84,698.39	\$16,757.12
EXAMPLE 1, 2, 3		9/2/2042	9/1/2043	366	33,228	2	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$16,837	\$71,102	\$13,008.06	\$74,930.85	\$13,476.97
EXAMPLE 1, 2, 3		9/2/2043	9/1/2044	329	29,905	1	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$15,154	\$63,991	\$13,005.64	\$66,139.38	\$10,814.32
EXAMPLE 1, 2, 3		9/2/2044	9/1/2045	296	26,914	1	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$13,638	\$57,592	\$13,003.95	\$58,226.57	\$8,655.01
EXAMPLE 1, 2, 3		9/2/2045	9/1/2046	266	24,223	1	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$12,274	\$51,833	\$13,002.76	\$51,104.70	\$6,905.81
EXAMPLE 1, 2, 3		9/2/2046	9/1/2047	240	21,801	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$11,047	\$46,650	\$13,001.94	\$44,694.78	\$5,490.57
EXAMPLE 1, 2, 3		9/2/2047	9/1/2048	216	19,621	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$9,942	\$41,985	\$13,001.35	\$38,925.69	\$4,347.15
EXAMPLE 1, 2, 3		9/2/2048	9/1/2049	194	17,658	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$8,948	\$37,786	\$13,000.95	\$33,299.23	\$3,424.80
EXAMPLE 1, 2, 3		9/2/2049	9/1/2050	175	15,893	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$8,053	\$34,008	\$13,000.66	\$29,060.24	\$2,682.14
EXAMPLE 1, 2, 3		9/2/2050	9/1/2051	157	14,303	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$7,248	\$30,607	\$13,000.46	\$24,854.35	\$2,085.42
EXAMPLE 1, 2, 3		9/2/2051	9/1/2052	142	12,873	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$6,523	\$27,546	\$13,000.33	\$21,069.01	\$1,607.10
EXAMPLE 1, 2, 3		9/2/2052	9/1/2053	127	11,586	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$5,871	\$24,792	\$13,000.23	\$17,662.17	\$1,224.75
EXAMPLE 1, 2, 3		9/2/2053	9/1/2054	115	10,427	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$5,284	\$22,312	\$13,000.16	\$14,596.00	\$920.12
EXAMPLE 1, 2, 3		9/2/2054	9/1/2055	103	9,384	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$4,755	\$20,081	\$13,000.11	\$11,836.43	\$678.33
EXAMPLE 1, 2, 3		9/2/2055	9/1/2056	93	8,446	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$4,280	\$18,073	\$13,000.08	\$9,352.81	\$487.27
EXAMPLE 1, 2, 3		9/2/2056	9/1/2057	84	7,601	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$3,852	\$16,266	\$13,000.05	\$7,117.55	\$337.10
EXAMPLE 1, 2, 3		9/2/2057	9/1/2058	75	6,841	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$3,467	\$14,639	\$13,000.04	\$5,105.80	\$219.84
EXAMPLE 1, 2, 3		9/2/2058	9/1/2059	68	6,157	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$3,120	\$13,175	\$13,000.03	\$3,395.23	\$128.98
EXAMPLE 1, 2, 3		9/2/2059	9/1/2060	61	5,541	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$2,808	\$11,858	\$13,000.02	\$1,665.71	\$59.27
EXAMPLE 1, 2, 3		9/2/2060	9/1/2061	55	4,987	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$2,527	\$10,672	\$13,000.01	\$1,109.15	\$6.44
EXAMPLE 1, 2, 3		9/2/2061	9/1/2062	49	4,489	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$2,274	\$9,605	\$13,000.01	(\$1,130.77)	(\$12.96)
EXAMPLE 1, 2, 3		9/2/2062	9/1/2063	44	4,040	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$2,047	\$8,644	\$13,000.01	(\$2,308.69)	(\$61.72)
EXAMPLE 1, 2, 3		9/2/2063	9/1/2064	40	3,636	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$1,842	\$7,780	\$13,000.00	(\$3,377.82)	(\$82.10)
EXAMPLE 1, 2, 3		9/2/2064	9/1/2065	36	3,272	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$1,658	\$7,002	\$13,000.00	(\$4,340.04)	(\$95.89)
EXAMPLE 1, 2, 3		9/2/2065	9/1/2066	32	2,945	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$1,492	\$6,302	\$13,000.00	(\$5,206.03)	(\$104.57)
EXAMPLE 1, 2, 3		9/2/2066	9/1/2067	29	2,650	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$1,343	\$5,672	\$13,000.00	(\$5,985.43)	(\$109.30)
EXAMPLE 1, 2, 3		9/2/2067	9/1/2068	26	2,385	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$1,209	\$5,104	\$13,000.00	(\$6,686.88)	(\$111.00)
EXAMPLE 1, 2, 3		9/2/2068	9/1/2069	24	2,147	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$1,088	\$4,594	\$13,000.00	(\$7,318.20)	(\$110.44)
EXAMPLE 1, 2, 3		9/2/2069	9/1/2070	21	1,932	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$979	\$4,135	\$13,000.00	(\$7,886.38)	(\$108.19)
EXAMPLE 1, 2, 3		9/2/2070	9/1/2071	19	1,739	0	70	\$2.00	20%	20%	\$8.00	144%	\$250	\$4.50	\$1,000	\$6,000	\$6,000	7.13%	7.13%	\$881	\$3,721	\$13,000.00	(\$8,397.74)	(\$104.74)
EXAMPLE 1, 2, 3		9/2/2071	9/1/2072	17	1,565	0	70	\$2.00	20%	20%	\$8.00	144%												

Well Info				Prior 12 months production										Assumptions										Operating Costs				Taxes		NET Royalty Income	
				Pricing		Royalty		Fed Interest		Differential																					
Well Name	Well Numbers	Start Date	End Date	Oil	Gas	Water	Oil	Gas	Oil	Gas	Oil	Gas	Oil	Gas	Electricity	Water Hauling (\$/bbl)	Pumper	Misc	Overhead	Oil	Gas	Royalty Rate	Leasehold	Production	Net Income						
EXAMPLE 1, 2, 3		9/1/2024	9/1/2025	11,000	1,000,000	1,100	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$8.184	\$34,560								
EXAMPLE 1, 2, 3		9/1/2025	9/1/2026	7,700	700,000	770	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$5.729	\$24,192								
EXAMPLE 1, 2, 3		9/1/2026	9/1/2027	5,390	490,000	539	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$4.010	\$16,934								
EXAMPLE 1, 2, 3		9/1/2027	9/1/2028	3,171	281,000	317	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.840	\$11,654								
EXAMPLE 1, 2, 3		9/1/2028	9/1/2029	2,641	240,100	264	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$3.965	\$8,298								
EXAMPLE 1, 2, 3		9/1/2029	9/1/2030	1,849	168,070	185	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$3.175	\$5,808								
EXAMPLE 1, 2, 3		9/1/2030	9/1/2031	1,294	117,449	129	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2031	9/1/2032	1,161	105,284	117	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2032	9/1/2033	1,048	95,296	63	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2033	9/1/2034	943	85,766	44	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2034	9/1/2035	489	77,190	31	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2035	9/1/2036	364	69,471	22	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2036	9/1/2037	688	62,524	15	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2037	9/1/2038	619	56,271	11	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2038	9/1/2039	557	50,644	7	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2039	9/1/2040	501	45,580	7	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2040	9/1/2041	451	41,022	4	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2041	9/1/2042	406	36,920	3	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2042	9/1/2043	366	33,228	2	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2043	9/1/2044	343	29,905	2	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2044	9/1/2045	296	26,914	1	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2045	9/1/2046	266	24,223	1	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2046	9/1/2047	240	21,801	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2047	9/1/2048	214	19,621	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2048	9/1/2049	194	17,658	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2049	9/1/2050	175	15,893	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2050	9/1/2051	157	14,303	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2051	9/1/2052	137	12,873	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2052	9/1/2053	127	11,586	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2053	9/1/2054	115	10,427	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2054	9/1/2055	103	9,384	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2055	9/1/2056	93	8,446	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2056	9/1/2057	84	7,601	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2057	9/1/2058	75	6,841	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2058	9/1/2059	68	6,157	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2059	9/1/2060	61	5,543	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2060	9/1/2061	55	4,987	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2061	9/1/2062	49	4,449	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2062	9/1/2063	44	4,040	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2063	9/1/2064	40	3,636	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2064	9/1/2065	36	3,272	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2065	9/1/2066	32	2,945	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2066	9/1/2067	28	2,650	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2067	9/1/2068	26	2,385	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2068	9/1/2069	24	2,147	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2069	9/1/2070	21	1,932	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2070	9/1/2071	19	1,739	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2071	9/1/2072	17	1,565	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2072	9/1/2073	15	1,409	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2073	9/1/2074	14	1,268	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2074	9/1/2075	13	1,141	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2075	9/1/2076	11	1,027	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2076	9/1/2077	10	924	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2077	9/1/2078	9	832	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2078	9/1/2079	8	749	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2079	9/1/2080	7	674	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2080	9/1/2081	7	606	0	70	\$2.00	20%	1.50%	1.50%	8.00%	144%	50	\$0.00	\$0	\$0	\$0	\$0	0.00%	0.00%	\$2.096	\$4,066								
EXAMPLE 1, 2, 3		9/1/2081	9/1/2082	6	546	0	70	\$2.00	20%	1.50%	1.50%	8.00%	1																		

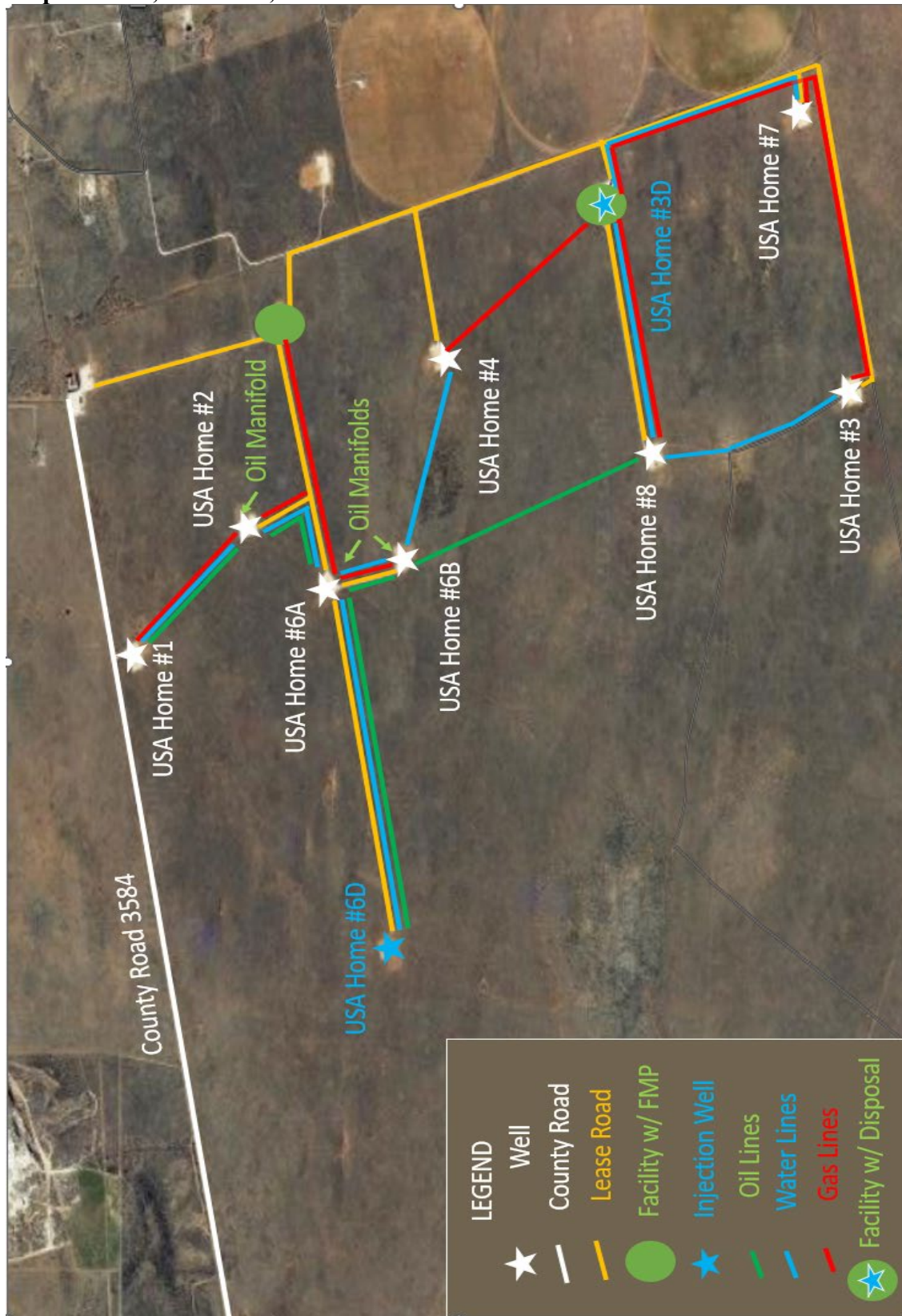


Date	Oil Price	Oil Price Received	Diff	Gas Price	Gas Price Received	Diff
12/1/2022	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
1/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
2/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
3/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
4/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
5/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
6/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
7/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
8/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
9/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
10/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
11/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
12/1/2023	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
1/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
2/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
3/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
4/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
5/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
6/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
7/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%
8/1/2024	\$70.00	\$62.00	\$8.00	\$2.00		2.88 144%

OWNERSHIP				
	Case Number	Federal Ownership	Alloted Ownership	Tribal Ownership (Anadarko)
Leases	NONE	0.00%	0.00%	0.00%
	OKNM1234	0.10%	0.50%	1.40%
Communitization Agreements	OKNM1235	0.00%	1.00%	0.00%
Unit Agreements	NONE	0.00%	0.00%	0.00%

	Oil		Gas	
	AFE Uncommingled	AFE Commingle	AFE Uncommingled	AFE Commingle
Tanks	\$90,000	\$30,000	\$90,000	\$90,000
Flowlines	\$30,000	\$20,000	\$40,000	\$20,000
Safety	\$17,000	\$10,000	\$17,000	\$17,000
Misc	\$42,000	\$18,000	\$42,000	\$18,000
Labor	\$60,000	\$30,000	\$60,000	\$30,000
LACT	\$375,000	\$125,000	\$375,000	\$375,000
Transfer Pump	\$450,000	\$150,000	\$450,000	\$450,000
Catwalk	\$10,000	\$3,000	\$10,000	\$10,000
Containment	\$15,000	\$4,000	\$15,000	\$15,000
Separator	\$100,000	\$100,000	\$100,000	\$30,000
Dehydrator	\$50,000	\$50,000	\$50,000	\$15,000
Combustor	\$25,000	\$25,000	\$25,000	\$5,000
Meters	\$45,000	\$45,000	\$45,000	\$15,000
TOTAL	\$1,309,000	\$610,000	\$1,319,000	\$1,090,000
Difference	OIL	\$699,000	Gas	\$229,000

Map of Wells, Flowlines, and Roads:





OFFICE (337) 269-1217
FAX (337) 269-1978

CERTIFICATE OF ANALYSIS

ENTERPRISE / MID AMERICA PIPELINE
P.O. BOX 309
ATTN: GARY WOOD
SKELLYTOWN, TX 79080

DATE: 7/23/13
INVOICE NO: 4715
PO NUMBER: CREDIT CARD
QC NUMBER: 072313-1
SHIP VIA: FED EX

CYL NO	COMPONENT	ACTUAL MOLE %	ACTUAL WEIGHT %	ACTUAL LV %
17348	NITROGEN	0.055%	0.037%	0.021%
	METHANE	0.800%	0.306%	0.477%
	CARBON DIOXIDE	0.252%	0.264%	0.151%
	ETHANE	45.828%	32.819%	43.112%
	PROPANE	30.981%	32.537%	30.024%
	ISOBUTANE	4.039%	5.591%	4.649%
	N-BUTANE	10.999%	15.226%	12.198%
	NEOPENTANE	0.050%	0.086%	0.067%
	ISOPENTANE	1.999%	3.435%	2.572%
	N-PENTANE	2.498%	4.203%	3.185%
	HEXANES+AGPSIII	2.499%	5.406%	3.544%

1100 HELIUM BACK PRESSURE
2-YEAR SHELF LIFE

ERICH HOFMEISTER-ANALYST

CHRIS SHADLE-QC MANAGER

THE ABOVE CERTIFIED STANDARD WAS MANUFACTURED USING BALANCES TESTED AND ADJUSTED FOR ACCURACY, PRECISION AND SENSITIVITY WITH WEIGHTS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY. THE CALIBRATION PROCEDURE FOLLOWED IS OUTLINED IN PHS REVISION 1. ALL CORRECTIONS TO MID STD 5-462A, NIST TEST NUMBER 822.278785-10, TESTED DATE. THIS STANDARD IS CERTIFIED IN MOLES TO BE WITHIN +/-2% OF THE NUMBER REPORTED RELATIVE TO THE COMPONENT.

P.O. BOX 65 - BOONSSARD LA 70018-0065
134 BOARD ROAD LAFAYETTE, LA 70508

REPORTER USE

OIL AND GAS OPERATIONS REPORT
PART A - WELL PRODUCTION
(OGOR-A)

INDIAN ☐

ONRR USE

REPORT TYPE: <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> MODIFY (DELETE/ADD BY LINE) <input type="checkbox"/> REPLACE (OVERLAY PREVIOUS REPORT)	ONRR LEASE/AGREEMENT NUMBER: (25) 88888888888	OR	AGENCY LEASE/AGREEMENT NUMBER: (25)
PRODUCTION MONTH: (6) MMCCYY 082024	ONRR OPERATOR NUMBER: (5) 123456	OPERATOR NAME: (30) Energy LLC	
OPERATOR LEASE/AGREEMENT NAME: (30)		OPERATOR LEASE/AGREEMENT NUMBER: (20) OKNM1234	

LINE NUMBER	ACTION CODE (1)	API WELL NUMBER (12)				PRODUCING INTERVAL (3)	OPERATOR WELL NUMBER (15)	WELL STATUS CODE (5)	DAYS PRODUCED (2)	PRODUCTION VOLUMES			INJECTION VOLUME (BBL/MCF) (9)
		STATE (2)	COUNTY (3)	SEQUENCE (5)	SIDE-TRACK (2)					OIL/CONDENSATE (BBL) (9)	GAS (MCF) (9)	WATER (BBL) (9)	
1		35	999	12345			1	1	31	100	100	1000	0
2		35	999	12346			2	1	31	100	100	1000	0
3		35	999	12347			3	1	31	100	100	1000	0
4													
5													
6													
7													
8													
9													
10													
TOTAL PRODUCTION (9)													
TOTAL INJECTION (9)													

CONTACT NAME: (First, M.I., Last) (30) This, Guy	TELEPHONE NUMBER: (10) (555) (555 - 5555)	EXTENSION NUMBER: (5) ()
AUTHORIZING SIGNATURE: <i>This Guy</i>	DATE: (8) MMDDCCYY 09012024	COMMENTS: (148)

INSTRUCTIONS
OIL AND GAS OPERATIONS REPORT
PART A - WELL PRODUCTION
(OGOR-A)

WHO MUST FILE

- A separate report must be filed monthly (unless non-monthly reporting has been approved) by each designated operator of an offshore OCS, onshore, or Indian lease/agreement that contains active wells. Wells must be reported from the time active drilling is concluded and up until the status is changed to permanently abandoned or until inventory has been disposed of.

WHEN TO FILE

- Reports must be received by the 15th of the second month following the production month (e.g., the report for June is due on August 15).
- You are required to report electronically under 30 CFR 1210 unless ONRR approved you to report on paper.

WHERE TO FILE

Reports must be filed with:

Office of Natural Resources Revenue
P. O. Box 25627
Denver, Colorado 80225-0627

REFER TO THE PRODUCTION REPORTER HANDBOOK PRIOR TO COMPLETING THIS FORM.

The Paperwork Reduction Act of 1995 (PRA) Statement: The PRA (44 U.S.C. 3501 et seq.) requires us to inform you that we collect this information to corroborate oil and gas production and disposition data with sales and royalty data. Responses are mandatory (43 U.S.C. 1334) and submitted monthly for all production reporting for Outer Continental Shelf, onshore Federal, and Indian lands. Proprietary information is protected in accordance with the standards established by the Federal Oil and Gas Royalty Management Act of 1982 (30 U.S.C. 1733), the Freedom of Information Act [5 U.S.C.552(b)(4)], and the Department regulations (43 CFR 2). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB Control Number. Public reporting burden for this form is estimated at an average of 1 minute per line for electronic reporting and 3 minutes per line for manual reporting, including the time for reviewing instructions; gathering and maintaining data; and completing and reviewing the form. The burden hours reflect the total burden hours for parts A, B, and C of this form. Direct your comments regarding the burden estimate or any other aspect of this form to the Office of the Natural Resources Revenue, Attention: Rules & Regs Team, P.O. Box 25165, Denver, CO 80225-0165.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM
WELL LOCATION PLAT

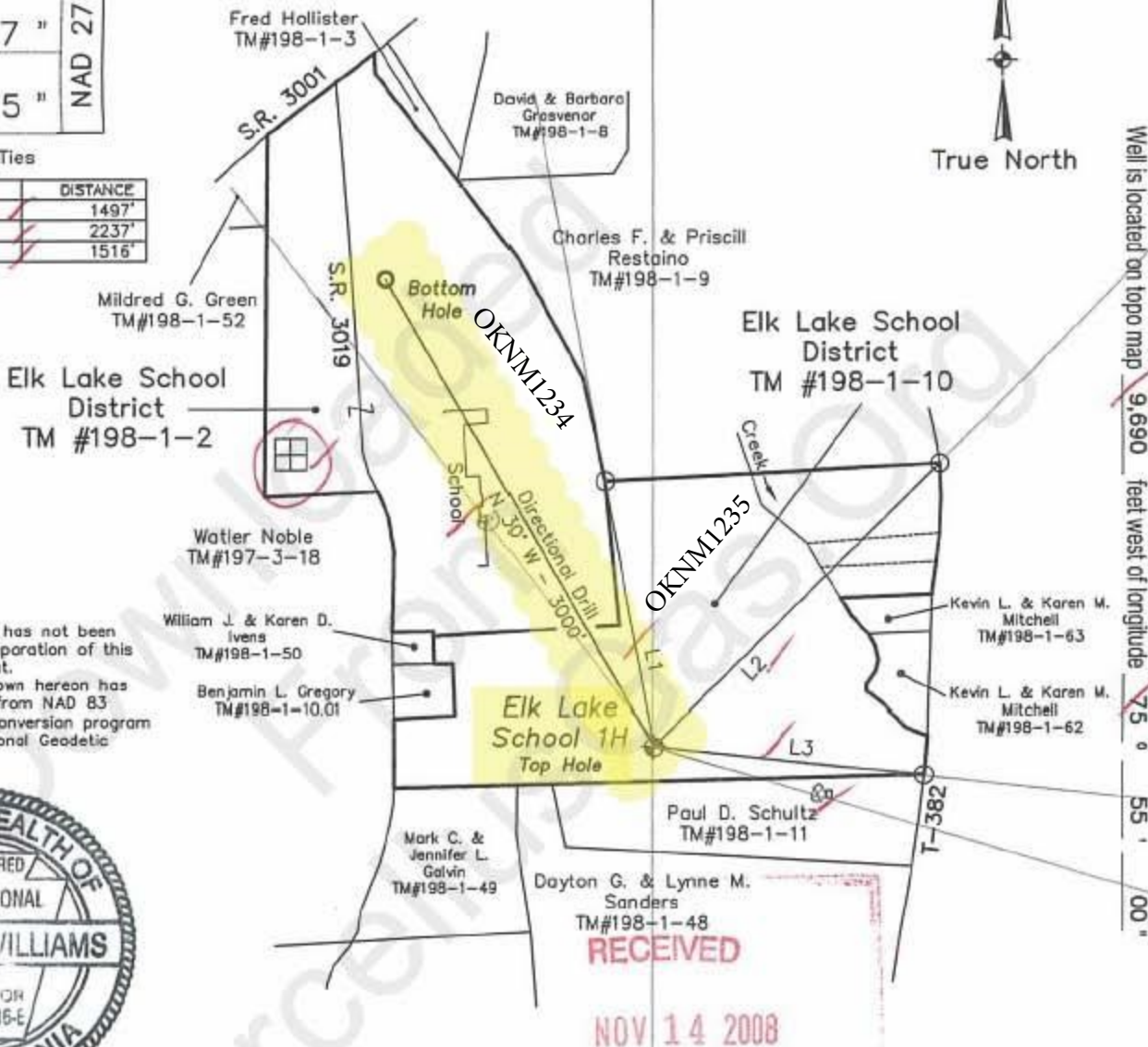
DEP	Auth ID #:	12/17/08
USE	Permit #:	115-20097
ONLY	Project #:	C:

Denotes location of well on topo map.	
True Latitude: NORTH	NAD 27
41 ° 43 ' 58.97 "	
True Longitude: WEST	
75 ° 57 ' 07.75 "	

Location Ties

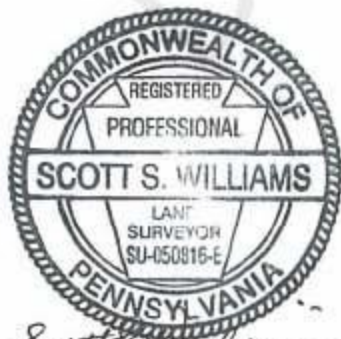
LINE	BEARING	DISTANCE
L1	S 10°26' E	1497'
L2	S 45°27' E	2237'
L3	N 84°12' E	1516'

Well is located on topo map 6,180 feet south of latitude 41 ° 45 ' 00 "



Notes:

1. A boundary survey has not been performed in preparation of this Well Location Plat.
2. NAD 27 datum shown hereon has been converted from NAD 83 using NADCON conversion program provided by National Geodetic Survey.



ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Top Hole Location NAD 83

575,839.0 N 2,459,274.7 E

Surveyor: Scott S. Williams, PLS	Phone #: 570-395-3388	Dwg #: Elk Lake School 1H.dwg	Date: August 1, 2008	Scale: 1"=1000'	Tract Acreage: 177 ±
Engineer: Butler Land Surveying, LLC					
Lat & Long Metadata	Method Trimble 5800 GPS	Accuracy 2± ft.	ft. Datum NAD 27	Elevation Metadata	Method Topo Interpolated
Applicant / Well Operator Name	Cabot Oil & Gas Corp.	DEPT ID#	43513	Well (Farm) Name	Elk Lake School District
Address	900 Lee Street East, Suite 1500, Charleston, WV 25301	County	Susquehanna	Municipality	Dimock Twp.
Surface Landowner / Lessor	Elk Lake School District	USGS 7 1/2' Quadrangle Map Name	Springville, PA	Map Section	2
Target Formation(s)	Marcellus Shale	Angle & Course of Deviation (Drilling)	N 30° W - 3000'	Surface Elevation	1340 ft.
Surface Owner or Water Purveyor with a Water Supply within 1000 ft.	Elk Lake School	Approximate Course and Distance to Water Supply	N 37° W - 1590'±	Owner, Lessee, or Operator of Workable Coal Seam	Owned, Leased, or Operated
Paul D. Schultz			S 74° E - 930'±		

Permit Copy

OK
9A

8/19/08