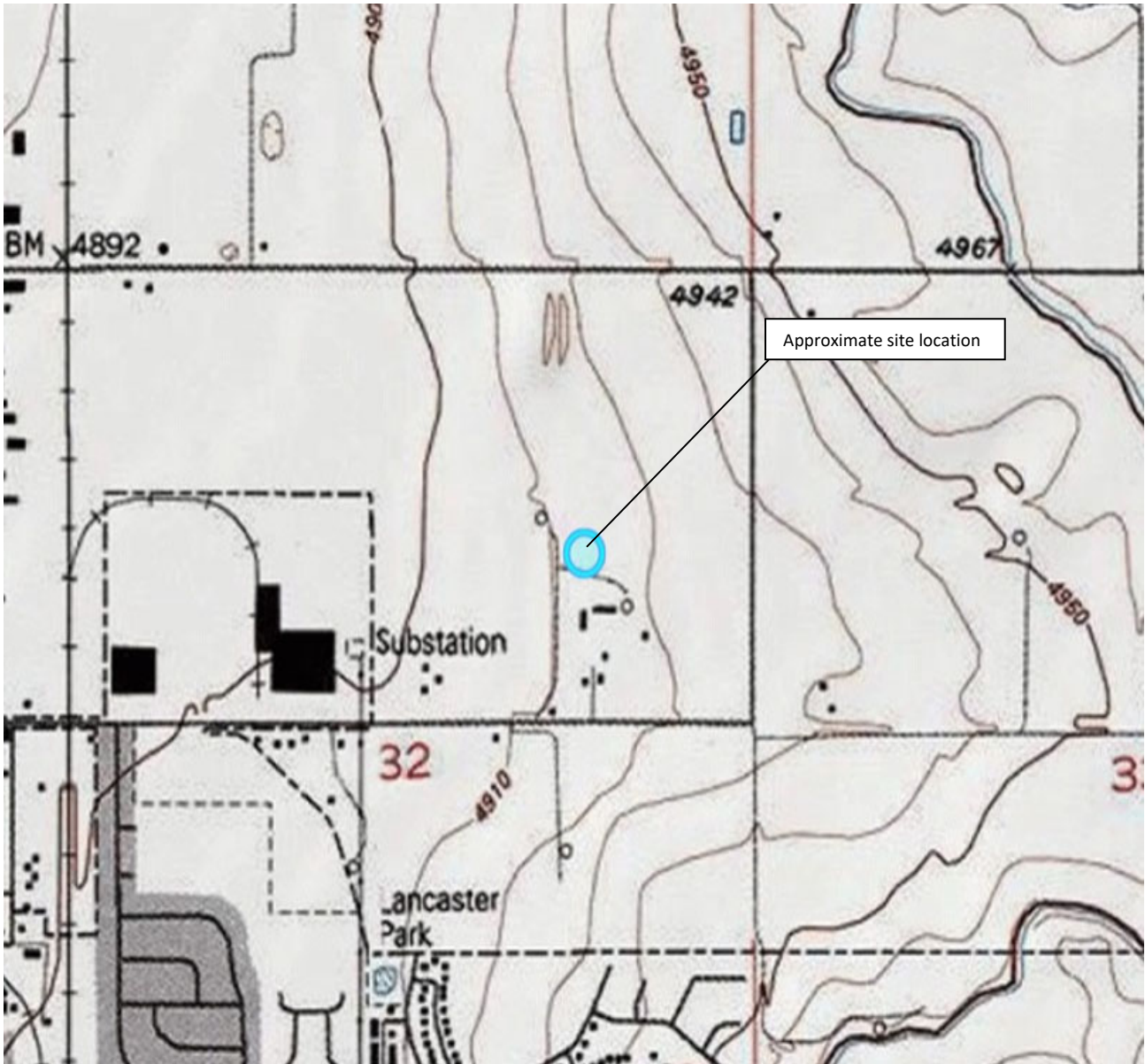


FIGURES



Approximate site location

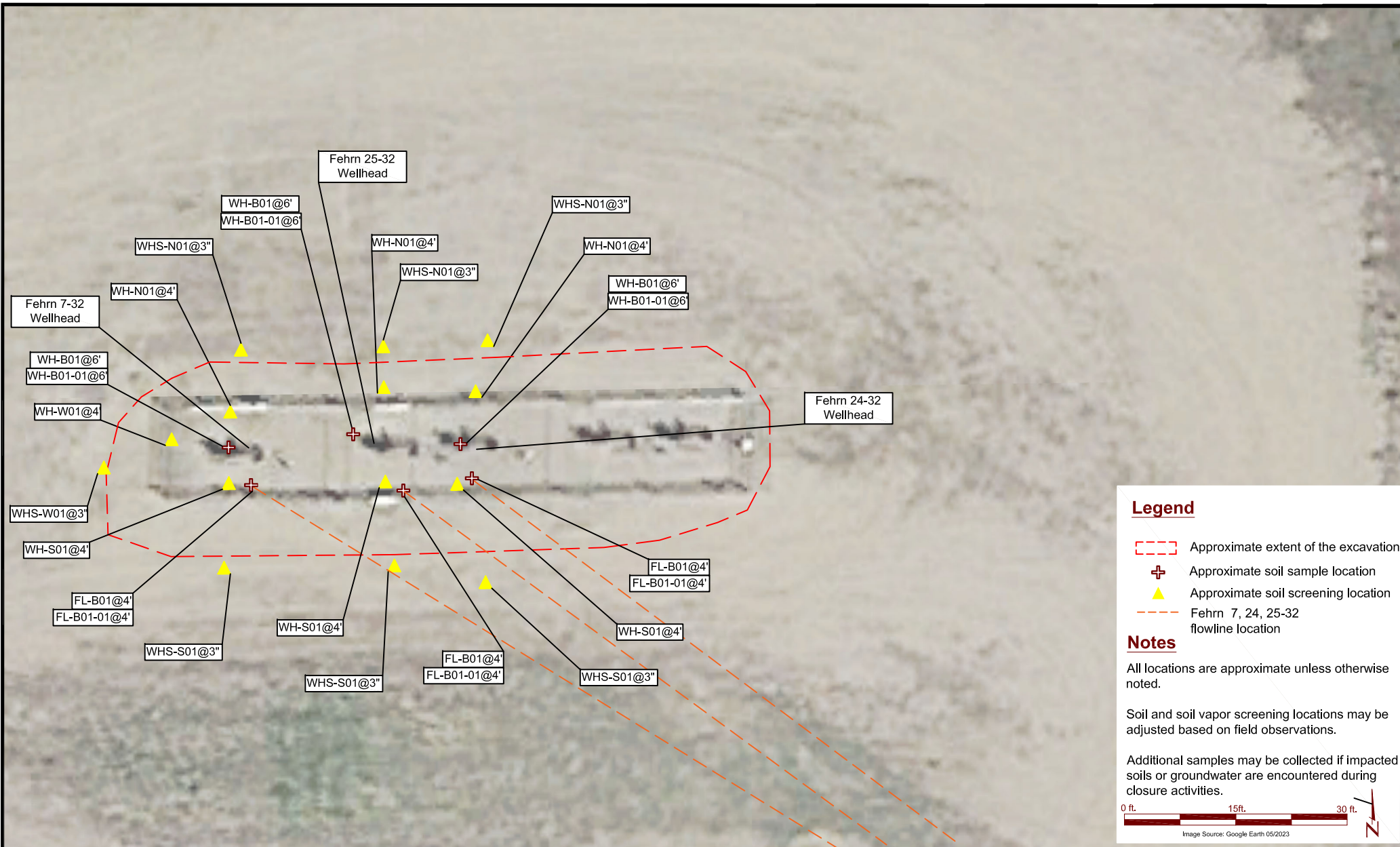


Figure 1
Site Location Map
 Kerr-McGee Oil and Gas Onshore LP
 Fehrn 7, 24, 25-32
 SENE Sec. 32-T2N-R66W
 Weld County, Colorado



Source: USGS 7.5 Minute Topographic Map, Fort Lupton, CO Quadrangle

Drawn By: BB Date: 06/11/2024



DATE: September 25, 2024

DESIGNED BY: D. Coloccla

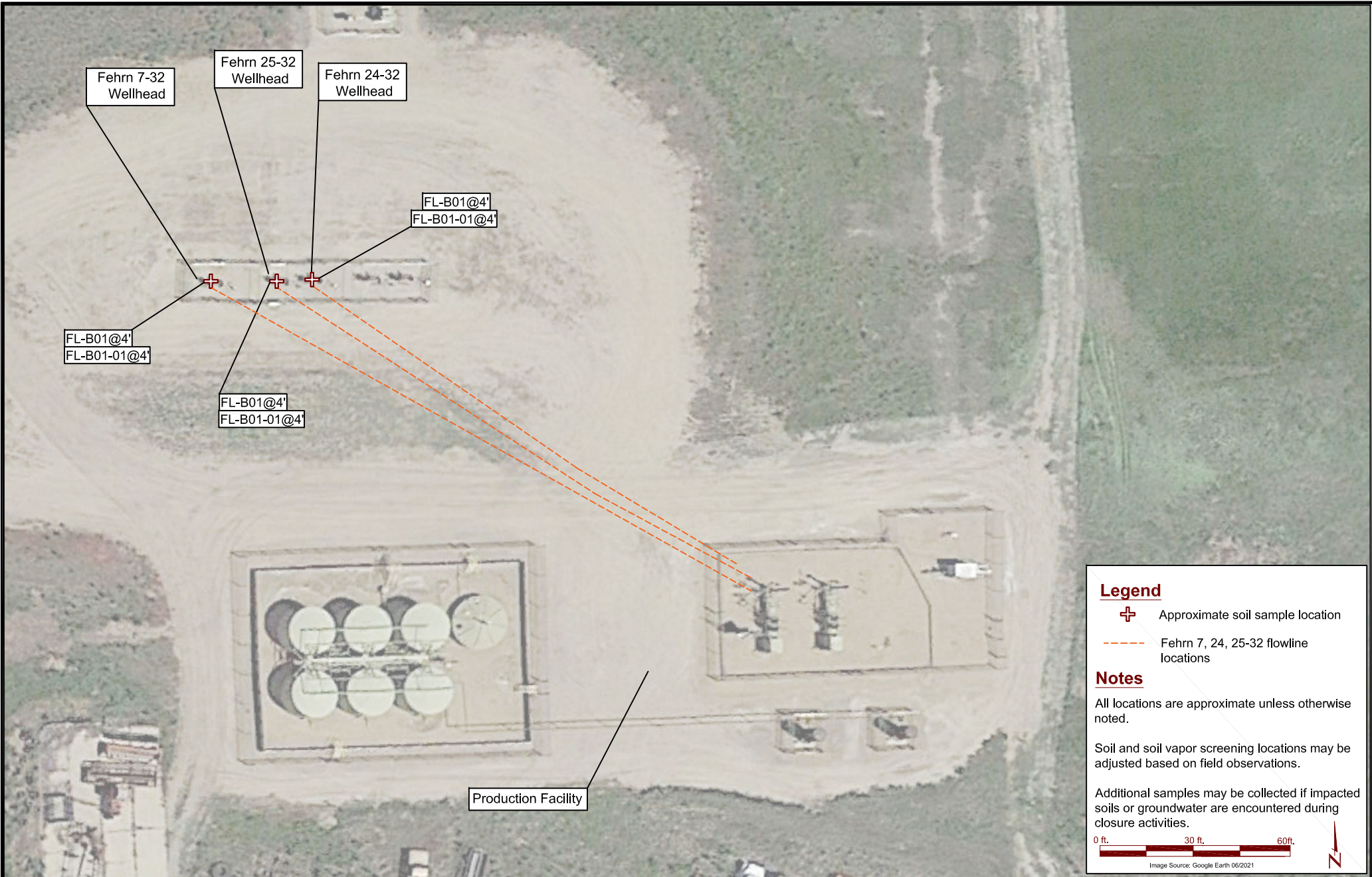
DRAWN BY: L. Blanchard



Kerr-McGee Oil and Gas Onshore LP
Fehrn 7, 24, 25-32 Wellheads
 SENE Sec.32-T2N-R66W
 Weld County, Colorado

Screening and Sample Location Map

Figure 2



DATE: September 25, 2024

DESIGNED BY: D. Coloccia

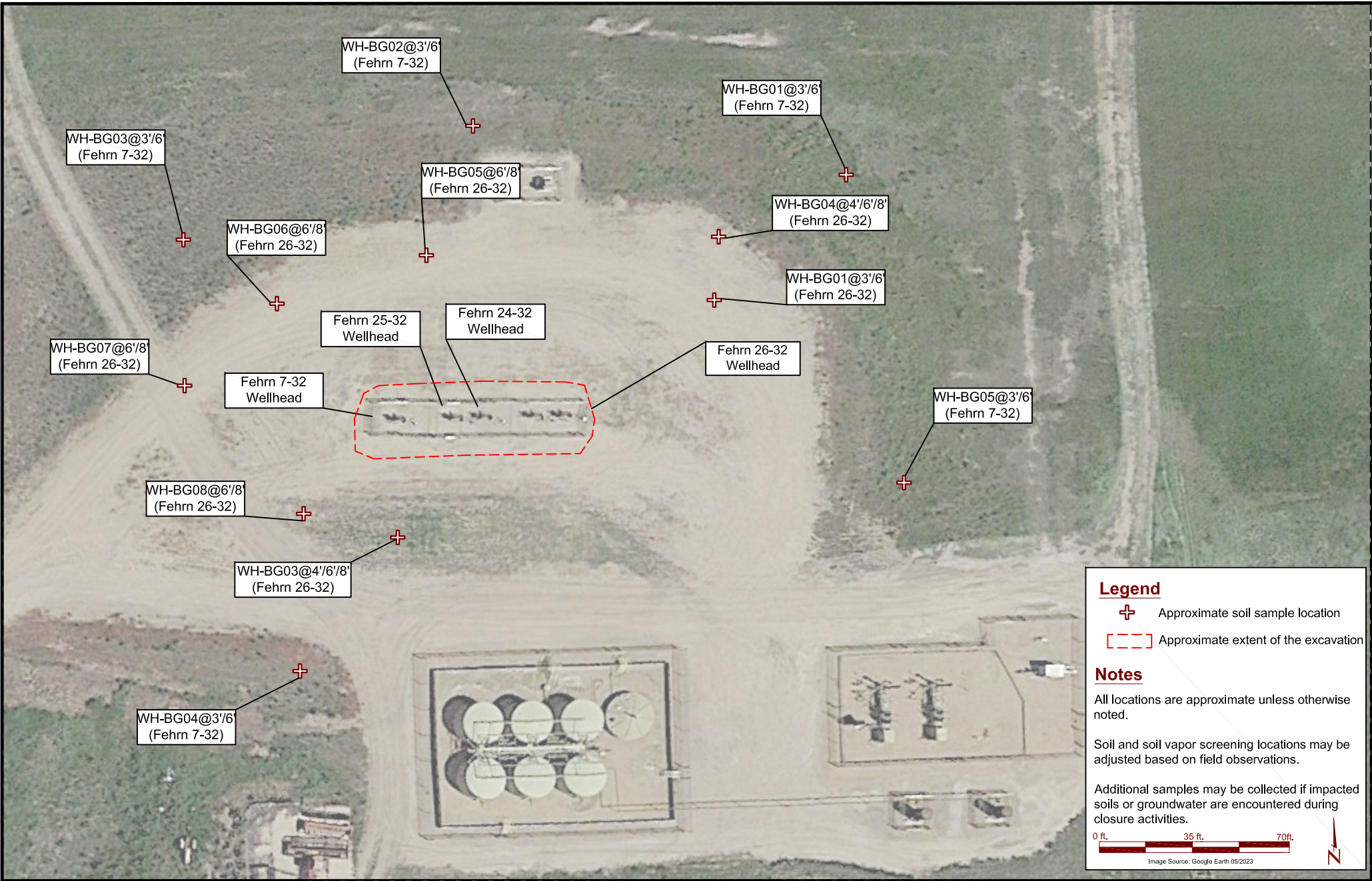
DRAWN BY: L. Blanchard



Kerr-McGee Oil and Gas Onshore LP
Fehr 7, 24, 25-32 Flowlines
 SENE Sec.32-T2N-R66W
 Weld County, Colorado

Screening and Sample Location Map

Figure 3



Legend

- Approximate soil sample location
- Approximate extent of the excavation

Notes

All locations are approximate unless otherwise noted.

Soil and soil vapor screening locations may be adjusted based on field observations.

Additional samples may be collected if impacted soils or groundwater are encountered during closure activities.

0 ft. 35 ft. 70ft.

Image Source: Google Earth 05/2023

DATE: September 13, 2024

DESIGNED BY: D. Coloccia

DRAWN BY: C. Bilas

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Kerr-McGee Oil and Gas Onshore LP
Fehn 7, 24, 25-32 Wellheads
SENE Sec.32-T2N-R66W
Weld County, Colorado

Background Sample Location
Map

Figure
4

TABLES

TABLE 2
FEHRN 7,24,25-32
SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
<i>ECMC standards for soil (mg/kg)⁽¹⁾</i>		0.0026	0.69	0.78	9.9		500		0.0038	0.0081	0.0087
<i>ECMC standards for soil (mg/kg)⁽²⁾</i>		1.2	490	5.8	58		500		2	30	27
<i>Fehrn 7-32 Wellhead Soil Samples</i>											
WH-B01 @ 6'	9/11/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.002	<0.00200	<0.00200
<i>Fehrn 7-32 Flowline Soil Samples</i>											
FL-B01 @ 4'	9/11/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.002	<0.00200	<0.00200
<i>Fehrn 24-32 Wellhead Soil Samples</i>											
WH-B01 @ 6'	9/11/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	25.4	<100	<0.002	<0.00200	<0.00200
<i>Fehrn 24-32 Flowline Soil Samples</i>											
FL-B01 @ 4'	9/11/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.002	<0.00200	<0.00200
<i>Fehrn 25-32 Wellhead Soil Samples</i>											
WH-B01 @ 6'	9/11/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	25.4	<100	<0.002	<0.00200	<0.00200
<i>Fehrn 25-32 Flowline Soil Samples</i>											
FL-B01 @ 4'	9/11/2024	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.002	<0.00200	<0.00200

Notes:

⁽¹⁾ ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

⁽²⁾ ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

< = Analytical result is less than the laboratory reporting limit

mg/kg = milligrams per kilogram

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

TMB = Trimethylbenzene

TABLE 3
FEHRN 7,24,25-32
SOIL SAMPLE RESULTS SUMMARY TABLE - SOIL SUITABILITY FOR RECLAMATION
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Depth (ft. bgs)	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
<i>ECMC standards for soil (mg/kg) ⁽¹⁾</i>			6 - 8.3	<6	<4	2
<i>Background Limits</i>			(@4') 8.44	4.48	4.26	0.481
<i>Fehrn 7-32 Wellhead Soil Samples</i>						
WH-B01-01 @ 6'	9/11/2024	6	8.00	NA	NA	NA
<i>Fehrn 7-32 Flowline Soil Samples</i>						
FL-B01-01 @ 4'	9/11/2024	4	8.21	NA	NA	NA
<i>Fehrn 24-32 Wellhead Soil Samples</i>						
WH-B01-01 @ 6'	9/11/2024	6	8.35*	NA	NA	NA
<i>Fehrn 24-32 Flowline Soil Samples</i>						
FL-B01-01 @ 4'	9/11/2024	4	8.36*	NA	NA	NA
<i>Fehrn 25-32 Wellhead Soil Samples</i>						
WH-B01-01 @ 6'	9/11/2024	6	8.03	NA	NA	NA
<i>Fehrn 25-32 Flowline Soil Samples</i>						
FL-B01-01 @ 4'	9/11/2024	4	8.33*	NA	NA	NA
<i>Fehrn 26-32 Wellhead Background Soil Samples</i>						
WH-BG01 @ 3'	9/26/2023	3	8.09	4.48	4.26	0.480
WH-BG01 @ 6'	9/26/2023	6	8.12	4.29	4.24	0.481
WH-BG03 @ 4'	1/11/2024	4	8.26	NA	NA	NA
WH-BG03 @ 6'	1/11/2024	6	8.26	NA	NA	NA
WH-BG03 @ 8'	1/11/2024	8	8.32	NA	NA	NA
WH-BG04 @ 4'	1/11/2024	4	8.44	NA	NA	NA
WH-BG04 @ 6'	1/11/2024	6	8.42	NA	NA	NA
WH-BG04 @ 8'	1/11/2024	8	8.37	NA	NA	NA

Notes:

⁽¹⁾ Standards for soil are taken from ECMC Table 915-1, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

ft. bgs = Feet below ground surface

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Absorption Ratio

EC = Electrical Conductivity

NA = Not Analyzed

Values presented in **BOLD*** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations, but were within background limits.

TABLE 4
FEHRN 7,24,25-32
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
<i>ECMC standards for soil (mg/kg) ⁽¹⁾</i>		0.006	0.019	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3
<i>ECMC standards for soil (mg/kg) ⁽²⁾</i>		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
<i>Fehrn 7-32 Wellhead Soil Samples</i>															
WH-B01 @ 6'	9/11/2024	0.002	0.004	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
<i>Fehrn 7-32 Flowline Soil Samples</i>															
FL-B01 @ 4'	9/11/2024	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
<i>Fehrn 24-32 Wellhead Soil Samples</i>															
WH-B01 @ 6'	9/11/2024	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
<i>Fehrn 24-32 Flowline Soil Samples</i>															
FL-B01 @ 4'	9/11/2024	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
<i>Fehrn 25-32 Wellhead Soil Samples</i>															
WH-B01 @ 6'	9/11/2024	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
<i>Fehrn 25-32 Flowline Soil Samples</i>															
FL-B01 @ 4'	9/11/2024	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

Notes:

⁽¹⁾ Standards are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

⁽²⁾ Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = milligrams per kilogram

PAH = Polycyclic Aromatic Hydrocarbons

NA = Not Analyzed

TABLE 5
FEHRN 7,24,25-32
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (V) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽¹⁾		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Background Limits (1.25x buffer applied)		5.03 (@3') 4.10 (@8')	146 (@3')	0.428 (@3')	N/A	19.1	19.7 (@3')	10.7	0.466 (@3')	0.193	128
Fehrn 7-32 Wellhead Soil Samples											
WH-B01 @ 6'	9/11/2024	4.10*	223	0.176	RP	13.6	11.0	8.56	0.241	<0.0923	43.0
Fehrn 7-32 Flowline Soil Samples											
FL-B01 @ 4'	9/11/2024	3.67*	220	0.181	RP	11.6	9.58	8.35	0.224	<0.0860	38.9
Fehrn 25-32 Wellhead Soil Samples											
WH-B01 @ 6'	9/11/2024	4.29*	148	0.264	RP	13.8	12.2	9.46	0.238	0.153	56.1
Fehrn 25-32 Flowline Soil Samples											
FL-B01 @ 4'	9/11/2024	3.25*	254	0.179	RP	9.36	8.33	6.81	<0.232	<0.0893	34.1
Fehrn 24-32 Wellhead Soil Samples											
WH-B01 @ 6'	9/11/2024	3.65*	250	0.229	RP	14.8	10.5	8.41	<0.227	<0.0874	49.4
Fehrn 24-32 Flowline Soil Samples											
FL-B01 @ 4'	9/11/2024	4.50*	162	0.221	RP	11.7	10.9	7.15	0.356*	<0.0998	45.2
Fehrn 26-32 Wellhead Background Soil Samples											
WH-BG01 @ 3'	9/26/2023	1.78	58.1	<0.0841	<0.52	<8.41	<8.41	<8.41	<0.0841	<0.0841	<84.1
WH-BG01 @ 6'	9/26/2023	1.94	64.8	<0.0894	<0.5	<8.94	<8.94	<8.94	<0.0894	<0.0894	<89.4
WH-BG03 @ 4'	1/11/2024	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA
WH-BG03 @ 6'	1/11/2024	NA	48.3	NA	NA	NA	NA	NA	NA	NA	NA
WH-BG03 @ 8'	1/11/2024	NA	54.1	NA	NA	NA	NA	NA	NA	NA	NA
WH-BG04 @ 4'	1/11/2024	NA	50.8	NA	NA	NA	NA	NA	NA	NA	NA
WH-BG04 @ 6'	1/11/2024	NA	70.5	NA	NA	NA	NA	NA	NA	NA	NA
WH-BG04 @ 8'	1/11/2024	NA	54.6	NA	NA	NA	NA	NA	NA	NA	NA
WH-BG05 @ 6'	2/15/2024	2.65	58.4	NA	NA	NA	5.79	NA	0.151	NA	NA
WH-BG05 @ 8'	2/15/2024	2.24	49.5	NA	NA	NA	4.64	NA	<0.0879	NA	NA
WH-BG06 @ 6'	2/15/2024	2.83	52.7	NA	NA	NA	10.3	NA	0.189	NA	NA
WH-BG06 @ 8'	2/15/2024	2.85	63.8	NA	NA	NA	6.83	NA	0.126	NA	NA
WH-BG07 @ 6'	2/15/2024	2.15	55.7	NA	NA	NA	6.78	NA	0.186	NA	NA
WH-BG07 @ 8'	2/15/2024	3.28	82.2	NA	NA	NA	11.3	NA	0.157	NA	NA
WH-BG08 @ 6'	2/15/2024	2.78	62.3	NA	NA	NA	6.47	NA	<0.0835	NA	NA
WH-BG08 @ 8'	2/15/2024	2.30	66.7	NA	NA	NA	7.23	NA	<0.0940	NA	NA
Fehrn 7-32 Wellhead Background Soil Samples											
WH-BG01 @ 3'	9/11/2024	2.73	72.9	0.217	RP	9.22	9.76	6.15	<0.225	<0.0867	35.8
WH-BG01 @ 6'	9/11/2024	2.96	53.7	<0.0916	RP	<9.16	5.21	5.10	<0.238	<0.0916	<33.9
WH-BG02 @ 3'	9/11/2024	3.84	62.9	0.0952	RP	<8.42	6.33	5.83	<0.219	<0.0842	<31.2
WH-BG02 @ 6'	9/11/2024	2.83	76.6	0.0947	RP	<9.47	7.00	8.11	<0.246	<0.0947	<35.0
WH-BG03 @ 3'	9/11/2024	4.03	117	0.343	RP	15.3	15.8	8.63	0.373	0.155	62.0
WH-BG03 @ 6'	9/11/2024	2.38	63.3	0.131	RP	<9.54	8.68	7.02	<0.248	<0.0954	103
WH-BG04 @ 3'	9/11/2024	3.52	73.8	0.327	RP	10.9	15.2	6.79	<0.220	0.105	43.2
WH-BG04 @ 6'	9/11/2024	2.23	53.6	<0.0905	RP	<9.05	5.88	5.19	<0.235	<0.0905	<33.5
WH-BG05 @ 3'	9/11/2024	3.44	88.3	0.215	RP	9.24	10.6	6.99	<0.231	<0.0890	38.0
WH-BG05 @ 6'	9/11/2024	2.08	49.4	<0.0841	RP	<8.41	3.95	3.96	<0.219	<0.0841	<31.1

Notes:

⁽¹⁾ Standards are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

⁽²⁾ Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

NA = Not Analyzed

N/A = Not Applicable

RP = Results Pending

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations.

Values presented in **BOLD*** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations, but are within background limits.

* = compound is in accordance with the ECMC Table 915-1 Footnote 9.



ATTACHMENT A
FIELD NOTES AND PHOTOGRAPHIC LOG

Wellhead Closure Checklist 2

Additional Attachments (Optional)	Flowline Closure
Site Name	Fehrn 7-32
Remediation Project #	31098
Wellhead Information	
Weather	62F sunny
Client	OXY
Location	
Latitude	40.0973283440384
Longitude	-104.795735238093
General Condition of Site	Good
USCS Soil Type	<i>Coarse Sand / Coarse Sand</i>
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	None observed
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	09/11/2024	09:38 AM	WH-B01@6'	0.8	N.S	N.O	Wellhead
R2	09/11/2024	10:22 AM	WH-BG01@3'	0.7	N.S	N.O	Wellhead Background
R3	09/11/2024	10:24 AM	WH-BG01@6'	0.9	N.S	N.O	Wellhead Background
R4	09/11/2024	10:26 AM	WH-BG02@3'	0.8	N.S	N.O	Wellhead Background
R5	09/11/2024	10:26 AM	WH-BG02@6'	0.4	N.S	N.O	Wellhead Background
R6	09/11/2024	10:28 AM	WH-BG03@3'	0.4	N.S	N.O	Wellhead Background
R7	09/11/2024	10:30 AM	WH-BG03@6'	0.6	N.S	N.O	Wellhead Background
R8	09/11/2024	10:32 AM	WH-BG04@3'	0.1	N.S	N.O	Wellhead Background
R9	09/11/2024	10:34 AM	WH-BG04@6'	0.4	N.S	N.O	Wellhead Background
R10	09/11/2024	10:36 AM	WH-BG05@3'	2.1	N.S	N.O	Wellhead Background
R11	09/11/2024	10:38 AM	WH-BG05@6'	0.8	N.S	N.O	Wellhead Background
R12	09/11/2024	09:35 AM	FL-B01@4'	1.1	N.S	N.O	Flowline at Wellhead
R13	09/11/2024	09:42 AM	WH-N01@4'	0.6	N.S	N.O	Wellhead
R14	09/11/2024	09:44 AM	WH-S01@4'	0.7	N.S	N.O	Wellhead
R15	09/11/2024	09:46 AM	WH-W01@4'	0.9	N.S	N.O	Wellhead
R16	09/11/2024	09:48 AM	WHS-N01 @ 3"	0.4	N.S	N.O	Wellhead Surface
R17	09/11/2024	09:50 AM	WHS-W01@3"	0.2	N.S	N.O	Wellhead Surface
R18	09/11/2024	09:52 AM	WHS-S01 @ 3"	0.2	N.S	N.O	Wellhead Surface
R19	09/11/2024	09:39 AM	WH-B01-01@6'	0.8	N.S	N.O	Wellhead

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R20	09/11/2024	09:36 AM	FL-B01-01@4'	1.1	N.S	N.O	Flowline at Wellhead
R21	09/16/2024	10:36 AM	FL-B02@5'	2.2	N.S	N.O	Flowline
R22	09/16/2024	11:06 AM	FL-B03@4'	0.8	N.S	N.O	Flowline at Separator

Photo(s)

R1 - P1



Facing West

R2 - P1



Facing North

R4 - P1



R6 - P1



R8 - P1



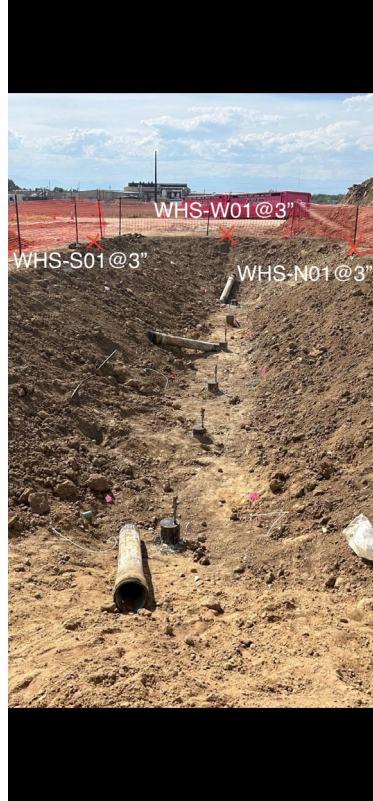
R10 - P1



R12 - P1



R16 - P1



Facing west

R19 - P1



Facing south

R21 - P1



Looking southeast



Looking south

Other observations regarding wellheads

Summary

Was impacted soil identified?	No
Total number of soil samples field screened	22
Total number of soil samples collected	22
Highest PID Reading	2.2
Total number of soil samples submitted to lab for analysis	15
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	



Wellhead Closure Checklist 2

Additional Attachments (Optional)	Flowline Closure
Site Name	Fehrn 24-32
Remediation Project #	31098
Wellhead Information	
Weather	80, Sunny
Client	Oxy
Location	
Latitude	40.0973274975173
Longitude	-104.795620908766
General Condition of Site	Good
USCS Soil Type	<i>Coarse Sand / Coarse Sand</i>
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	None observed
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples							
#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	09/11/2024	11:07 AM	WH- B01@6'	1.9	N.S	N.O	Wellhead
R2	09/11/2024	11:03 AM	FL-B01@4'	1.0	N.S	N.O	Flowline at Wellhead
R3	09/11/2024	11:11 AM	WH-N01@4'	1.4	N.S	N.O	Wellhead
R4	09/11/2024	11:13 AM	WH-S01@4'	0.9	N.S	N.O	Wellhead
R5	09/11/2024	11:16 AM	WHS-N01 @ 3"	0.7	N.S	N.O	Wellhead Surface
R6	09/11/2024	11:18 AM	WHS-S01 @ 3"	0.1	N.S	N.O	Wellhead Surface
R7	09/11/2024	11:08 AM	WH-B01-01@6'	1.9	N.S	N.O	Wellhead
R8	09/11/2024	11:04 AM	FL-B01-01@4'	1.0	N.S	N.O	Flowline at Wellhead
R9	09/16/2024	10:32 AM	FL-B02@5'	2.4	N.S	N.O	Flowline
R10	09/16/2024	11:02 AM	FL-B03@4'	0.6	N.S	N.O	Flowline at Separator

Photo(s)

R1 - P1



R5 - P1



Facing east

R7 - P1



Facing west

R9 - P1



Looking southeast



Looking south

Other observations regarding wellheads

Summary

Was impacted soil identified?	No
Total number of soil samples field screened	10
Total number of soil samples collected	10
Highest PID Reading	2.4
Total number of soil samples submitted to lab for analysis	5
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Seen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	



Wellhead Closure Checklist 2

Additional Attachments (Optional)	Pit Closure
Site Name	Fehrn 25-32
Remediation Project #	31098
Wellhead Information	
Weather	80, Sunny
Client	OXY
Location	
Latitude	40.0973294448002
Longitude	-104.795674490853
General Condition of Site	Good
USCS Soil Type	<i>Coarse Sand / Coarse Sand</i>
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	None observed
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples							
#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	09/11/2024	10:00 AM	WH-B01@6'	1.4	N.S	N.O	Wellhead
R2	09/11/2024	10:04 AM	WH-N01@4'	1.5	N.S	N.O	Wellhead
R3	09/11/2024	10:06 AM	WH-S01@4'	1.2	N.S	N.O	Wellhead
R4	09/11/2024	10:08 AM	FL-B01@4'	1.2	N.S	N.O	Wellhead
R5	09/11/2024	10:10 AM	WHS-N01 @ 3"	0.3	N.S	N.O	Wellhead Surface
R6	09/11/2024	10:12 AM	WHS-S01 @ 3"	0.2	N.S	N.O	Wellhead Surface
R7	09/11/2024	10:01 AM	WH-B01-01@6'	1.4	N.S	N.O	Wellhead
R8	09/11/2024	10:09 AM	FL-B01-01@4'	1.2	N.S	N.O	Flowline at Wellhead
R9	09/16/2024	10:34 AM	FL-B02@5'	3.0	N.S	N.O	Flowline
R10	09/16/2024	11:04 AM	FL-B03@4'	1.1	N.S	N.O	Flowline at Separator

Photo(s)

R1 - P1



R5 - P1



Facing SE

R7 - P1



Facing east

R9 - P1



Looking southeast



Looking south

Other observations regarding wellheads

Summary

Was impacted soil identified?	No
Total number of soil samples field screened	10
Total number of soil samples collected	10
Highest PID Reading	3.0
Total number of soil samples submitted to lab for analysis	5
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Seen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	

**ATTACHMENT B
STATE NOTIFICATION**

From: Bartoszek, Jaron <Jaron_Bartoszek@oxy.com>

Sent: Wednesday, September 25, 2024 4:35 PM

To: kari.oakman@state.co.us <kari.oakman@state.co.us>; Jason Maxey <jmaxey@weldgov.com>; Roy Rudisill (<rrudisill@co.weld.co.us>) <rrudisill@co.weld.co.us>

Cc: Scranton, Lynna <Lynna_Scranton@oxy.com>; Mickelson, Erik <Erik_Mickelson@oxy.com>; Rowley, Taylor <Taylor_Rowley@oxy.com>; Bugarin, Eve M <Eve_Bugarin@oxy.com>; Lytle, Andy <Andrew_Lytle@oxy.com>; Jobe, Don <Don_Jobe@oxy.com>; Grage, Mark <Mark_Grage@oxy.com>; Brice, Jennifer <Jennifer_Brice@oxy.com>; Neely, Dewey (Platteville) <Dewey_Neely2@oxy.com>; Coleman, Julie <Julie_Coleman@oxy.com>; Riemer, Joseph <Joseph_Riemer@oxy.com>; Wells, Matt <Matthew_Wells@oxy.com>; Mathes, Robert <Robert_Mathes@oxy.com>; Hamlin, Mark G <Mark_Hamlin@oxy.com>; Ochoa, Ariana <Ariana_Ochoa@oxy.com>; Kiel, Macy <Macy_Kiel@oxy.com>; Lee, Austin <Austin_Lee@oxy.com>

Subject: State Reportable Release 24 Hour Notification - Fehrn 25-32

Good afternoon,

We identified a state reportable release following the identification of historically impacted soil of an unknown volume. This release was not an active release. A Form 19 Release Report is forthcoming. This release did not threaten Waters of the State, Public Water System, residences or occupied structures, livestock, wildlife, air quality, or publicly-maintained roads.

The following have been notified via specified method below:

- Weld County contacted via electronic mail
- Surface Owner notification in process

The Environmental Release/Incident Report Hotline and Colorado Parks and Wildlife was not contacted as this release did not trigger notification requirements per 912.b.(2)B.

Location Details:

- Wellhead Name: Fehrn 25-32
- Location: SENE 32 2N 66W
- Latitude/Longitude: 40.097334, -104.795666
- Wellhead ID: 05-123-33192

Please let me know if you have any questions.

Thank you,

Jaron Bartoszek, Environmental Advisor

HSE Rockies, Occidental Petroleum Corporation

| Mobile 970.515.0055 | Platteville, CO 80651

Zero In™ at oxy.com