

SITE REPORT
Helix #1 (OWP)



Site Description

Name	HELIX-62S64W/30NWNW (OWP)
Location ID	320365
Well API #(s)	05-001-09112
Facility ID #(s)	485158
Operator / #	PAINTED PEGASUS PETROLEUM LLC / 10711
Field / #	WATTENBERG / 90750
County, State	Adams, CO
Lat/Long	39.852802 / -104.599262
Field Visit Date	03 Oct 2025, 15 Oct 2025



Facility ID 485158
HELIX-62S64W 30NWNW

Service Credits - Microsoft, Vantor

**OWP - 320365 - HELIX-62S64W/
30NWNW (OWP)
Map Extent - Pre-Decommissioning**

Imagery: RS Orthomosaic
Imagery Date: 03 Oct 2025
Map Date: 12 Nov 2025
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage

■ Tank Batteries

0 3 6 12 Meters

Scale: 1:220

Pad Location:
39.852802
-104.599262



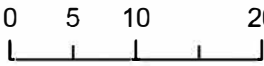


**OWP - 320365 - HELIX-62S64W/
30NWNW (OWP)
Map Extent - Post-Decommissioning**

Imagery: RS Orthomosaic
Imagery Date: 15 Oct 2025
Map Date: 12 Nov 2025
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage


 Tank Batteries

0 5 10 20 Meters



Scale: 1:600

Pad Location:
39.852802
-104.599262



Services: @esri - Microsoft, Vantage, Sources: Esri, TerraStar, Garmin, FAO, NOAA, USGS, @OpenStreetMap contributors, and the GIS User Community





Facility ID 485158
HELIX-62S64W 30NWNW

**OWP - 320365 - HELIX-62S64W/
30NWNW (OWP)
Map Extent - Post-Decommissioning**

Imagery: RS Orthomosaic
Imagery Date: 15 Oct 2025
Map Date: 12 Nov 2025
Datum: WGS 1984 UTM Zone 13N
POC: Soil Sage

■ Tank Batteries
● Screen
▲ Screen & Lab Samples

Sample ID

0 3 6 12 Meters

Scale: 1:220

Pad Location:
39.852802
-104.599262



Service Credits - Microsoft, Vantor

Site Cardinal Photos – Pre-Decommissioning (03 Oct 2025)



In View – Tank Battery, Separator, Flowlines

NORTH – 39.855023 / -104.598813



In View – Tank Battery, Separator, Flowlines

EAST – 39.855403 / -104.599283



In View – Tank Battery, Separator, Flowlines

SOUTH – 39.855666 / -104.598895



In View – Tank Battery, Separator, Flowlines

WEST – 39.855369 / -104.598251

Site Cardinal Photos – Post-Decommissioning (15 Oct 2025)



In View – Tank Battery, Separator, Flowlines

NORTH – 39.854970 / -104.598748



In View – Tank Battery, Separator, Flowlines

EAST – 39.855304 / -104.599238



In View – Tank Battery, Separator, Flowlines

SOUTH – 39.855621 / -104.598830



In View – Tank Battery, Separator, Flowlines

WEST – 39.855338 / -104.598213

Site Photolog

Location ID : 320365

Sample ID : FL1

Depth (ft) : 4

Notes : ELBOW

Latitude : 39.85529

Longitude : -104.59906

Collection Date : 10/15/2025



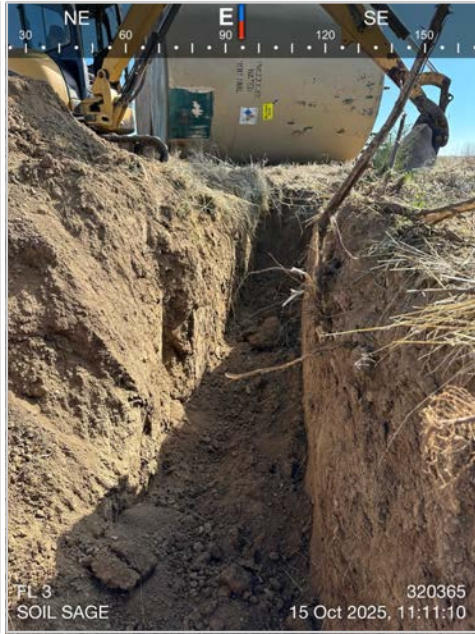
Location ID : 320365
Sample ID : FL2
Depth (ft) : 4.5
Notes : FLOW LINE

Latitude : 39.855313
Longitude : -104.598817
Collection Date : 10/15/2025



Location ID : 320365
Sample ID : FL3
Depth (ft) : 4.4
Notes : FLOW LINE

Latitude : 39.855339
Longitude : -104.598646
Collection Date : 10/15/2025



Location ID : 320365
Sample ID : FL4
Depth (ft) : 2.6
Notes : FLOW LINE

Latitude : 39.855302
Longitude : -104.59872
Collection Date : 10/15/2025



Location ID : 320365
Sample ID : FL5
Depth (ft) : 2
Notes : FLOW LINE

Latitude : 39.85528
Longitude : -104.598852
Collection Date : 10/15/2025



Location ID : 320365

Sample ID : TB W

Depth (ft) : 3

Notes : PWV

Latitude : 39.855308

Longitude : -104.598676

Collection Date : 10/15/2025



Location ID : 320365
Sample ID : TB W
Depth (ft) : 3
Notes : PWV

Latitude : 39.855308
Longitude : -104.598676
Collection Date : 10/15/2025



Location ID : 320365

Sample ID : TB E

Depth (ft): 3

Notes : TB no markings 300 BBL

Latitude : 39.855309

Longitude : -104.59864

Collection Date : 10/15/2025



Location ID : 320365

Sample ID : TB E

Depth (ft): 3

Notes : TB no markings 300 BBL

Latitude : 39.855309

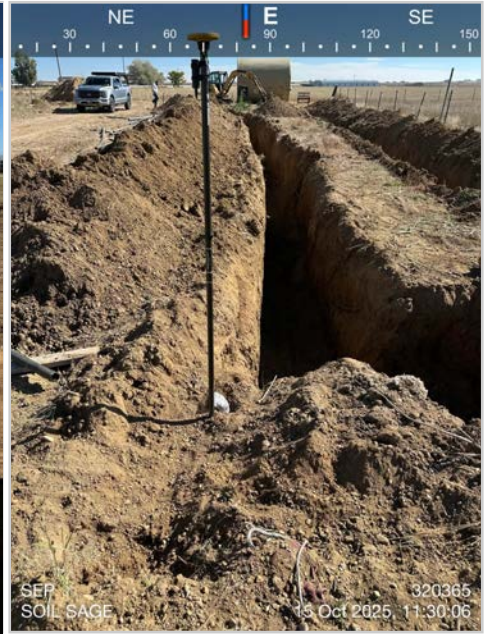
Longitude : -104.59864

Collection Date : 10/15/2025



Location ID : 320365
Sample ID : SEP
Depth (ft) : 3
Notes : Separator

Latitude : 39.855314
Longitude : -104.599027
Collection Date : 10/15/2025



Location ID: 320365
Well Name: Helix 1
API: 001-09112
Date: 15-Oct-25

LxWxD

TB /Sep Decommissioning Dimension (ft) NA

Location	Depth (in)	PID (PPM)	Lab Sample ID
TBW	3	1.16	320365-H-TBW-S1
TBE	3	1.07	320365-H-TBE-S2
Seperator	3	1.22	320365-H-SEP-S3
FL1	48	0.64	320365-H-FL1-S4
FL2	54	0.57	320365-H-FL2-S5
FL3	52	0.24	
FL4	30	0.52	
FL5	24	0.12	

TB = Tank Battery
FL = Flowline
Direction - W, E

Lab Report
L1909033

Cleanup Concentrations Table 915-1
Soil Suitability for Reclamation

Location	Facility Name	Sample Date	Sample ID	Description	Sample Depth (in)	Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	DIESEL (C10-C28)	Motor Oil Range (C28-C36)
						500 mg/kg	mg/kg	mg/kg
320365	Helix 1	15-Oct-25	320365-H-TBW-S1	Tank Battery West	3	ND	ND	ND
320365	Helix 1	15-Oct-25	320365-H-TBE-S2	Tank Battery East	3	ND	ND	4.33
320365	Helix 1	15-Oct-25	320365-H-SEP-S3	Separator	3	ND	151	401
320365	Helix 1	15-Oct-25	320365-H-FL1-S4	Flowline 1	48	ND	15.0	32.30
320365	Helix 1	15-Oct-25	320365-H-FL2-S5	Flowline 2	54	ND	4.13	9.60

Cleanup Concentrations Table 915-1
Soil Suitability for Reclamation

Location	Facility Name	Sample Date	Sample ID	Sample Depth (in)	Electrical Conductivity (EC) (saturated paste method) *	SAR (Sodium absorption ratio) (saturated paste method)	pH (saturated paste method)	Boron (hot water soluble soil extract)	Total Solids	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)
					<4 mmhos/cm	<6	6-8.3	2 mg/l	%	mg/l	mg/l	mg/l
320365	Helix 1	15-Oct-25	320365-H-TBW-S1	3	0.151	0.55	7.35	ND	87.1	19.26	15.04	13.35
320365	Helix 1	15-Oct-25	320365-H-TBE-S2	3	0.317	1.2	7.46	ND	85.3	39.49	39.49	42.91
320365	Helix 1	15-Oct-25	320365-H-SEP-S3	3	0.314	0.19	8.07	ND	93.2	26.35	4.84	3.97
320365	Helix 1	15-Oct-25	320365-H-FL1-S4	48	0.276	0.36	8.22	ND	89.9	32.12	8.01	8.77
320365	Helix 1	15-Oct-25	320365-H-FL2-S5	54	6.020	5.46	7.88	ND	88.3	428.78	398.76	653.02

* Lab report in umhos/cm

Additional Testing pH & SAR

Exceedance

Cleared

Cleanup Concentrations Table 915-1
Residential Soil Screening Level Concentration mg/kg (ppm)
Metals in Soils

Location	Facility Name	Sample Date	Sample ID	Sample Depth (in)	arsenic	barium	cadmium	chromium (VI)	copper	lead	nickel	selenium	silver	zinc
					0.68 mg/kg	15000 mg/kg	71 mg/kg	0.3 mg/kg	3100 mg/kg	400 mg/kg	1500 mg/kg	390 mg/kg	390 mg/kg	23000 mg/kg
320365	Helix 1	15-Oct-25	320365-H-TBW-S1	3	3.47	81.7	0.242	0.54	11.2	10.2	ND	0.435	ND	ND
320365	Helix 1	15-Oct-25	320365-H-TBE-S2	3	2.90	83.3	0.274	0.44	11.5	11.7	ND	0.480	ND	ND
320365	Helix 1	15-Oct-25	320365-H-SEP-S3	3	3.14	73.8	0.140	0.77	ND	ND	ND	0.339	ND	ND
320365	Helix 1	15-Oct-25	320365-H-FL1-S4	48	3.20	104	0.124	0.56	11.7	ND	ND	0.368	ND	ND
320365	Helix 1	15-Oct-25	320365-H-FL2-S5	54	5.44	229	0.237	0.27	14.1	11.2	14.8	0.701	ND	52.5

Additional Testing Arsenic
 Exceedance
 Cleared

Background	Need Ref
Allowable Limit	Need Ref
1.25x background	Need Ref
915-1 Ref*11	Need Ref

