

Wellhead Closure Checklist 2

Project	Occidental Petroleum
ID	353360
Survey Date	06/07/2023
User	Chris Bodie
Additional Attachments (Optional)	Flowline Closure
Site Name	REI H 9-33D
Remediation Project #	28512

Wellhead Information

Weather	73° sunny
Client	Oxy
Location	
Latitude	40.235406
Longitude	-104.676553
General Condition of Site	Good
USCS Soil Type	<i>Sandy Clay / Sandy Clay</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	Other Visual	Olfactory	Other Olfactory	Direction	Equipment Name	Other Equipment Type
R1	06/06/2023	03:13 PM	FL-B01@4'	0.8	N.S		N.O			Flowline	
R2	06/06/2023	03:20 PM	FL-B02@4'	0.3	N.S		N.O			Flowline	
R3	06/07/2023	13:28	FL-B03@4'	0.4	N.S		N.O			Flowline	
R4	06/07/2023	13:39	FL-B04@4	0.7	N.S		N.O			Flowline	
R5	06/07/2023	14:02	FL-B05@4'	0.7	N.S		N.O			Flowline	
R6	06/07/2023	14:20	FL-B06@4'	0.4	N.S		N.O			Flowline	
R7	06/07/2023	15:17	FL-B07@4'	0.8	N.S		N.O			Flowline	
R8	06/07/2023	15:52	FL-B08@4'	4.3	N.S		N.O			Flowline at Separator	
R9	08/10/	12:32	FL-	0.8	N.S		N.O			Flowline	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Direction	Equipment Name	Other Equipment Type
	2023	PM	B06@7'								
R10	08/10/2023	12:34 PM	FL-N01@4'	0.6	N.S		N.O			Flowline	
R11	08/10/2023	12:36 PM	FL-S01@4'	0.5	N.S		N.O			Flowline	
R12	08/10/2023	12:38 PM	FL-E01@4'	0.7	N.S		N.O			Flowline	
R13	08/10/2023	12:40 PM	FL-W01@4'	0.4	N.S		N.O			Flowline	
R14	08/10/2023	12:44 PM	FL-B07@7'	1.1	N.S		N.O			Flowline	
R15	08/10/2023	12:46 PM	FL-N02@4'	0.6	N.S		N.O			Flowline	
R16	08/10/2023	12:48 PM	FL-S02@4'	0.9	N.S		N.O			Flowline	
R17	08/10/2023	12:50 PM	FL-E02@4'	0.4	N.S		N.O			Flowline	
R18	08/10/2023	12:52 PM	FL-W02@4'	0.5	N.S		N.O			Flowline	
R19	08/22/2023	10:48 AM	WH-BG01@3'	0.1	N.S		N.O			Wellhead Background	
R20	08/22/2023	10:49 AM	WH-BG01@6'	0.2	N.S		N.O			Wellhead Background	
R21	08/22/2023	10:51 AM	WH-BG02@3'	0.7	N.S		N.O			Wellhead Background	
R22	08/22/2023	10:53 AM	WH-BG02@6'	0.7	N.S		N.O			Wellhead Background	
R23	08/22/2023	10:55 AM	WH-BG03@3'	1.2	N.S		N.O			Wellhead Background	
R24	08/22/2023	10:57 AM	WH-BG03@6'	1.1	N.S		N.O			Wellhead Background	
R25	08/22/2023	11:10 AM	WHS-N01@3"	1.3	N.S		N.O			Wellhead Surface	
R26	08/22/2023	11:12 AM	WHS-S01@3"	0.6	N.S		N.O			Wellhead Surface	
R27	08/22/2023	11:14 AM	WHS-E01@3"	0.7	N.S		N.O			Wellhead Surface	
R28	08/22/2023	11:16 AM	WHS-W01@3"	1.0	N.S		N.O			Wellhead Surface	
R29	08/22/2023	11:37 AM	WH-B01@8'	1.4	N.S		N.O			Wellhead	
R30	08/22/2023	11:39 AM	FL-B09@4'	1.3	N.S		N.O			Flowline at Wellhead	
R31	08/22/2023	11:41 AM	WH-N01@7'	0.2	N.S		N.O			Wellhead	
R32	08/22/2023	11:46 AM	WH-S01@7'	0.1	N.S		N.O			Wellhead	

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Other Visual	Olfactory	Other Olfactory	Direction	Equipment Name	Other Equipment Type
R33	08/22/2023	11:48 AM	WH-E01@7'	0.1	N.S		N.O			Wellhead	
R34	08/22/2023	11:49 AM	WH-W01@7'	0.2	N.S		N.O			Wellhead	
R35	09/19/2023	09:30 AM	FL-B06@10'	0.9	N.S		N.O			Flowline	
R36	09/19/2023	09:32 AM	FL-N04@7'	0.5	N.S		N.O			Flowline	
R37	09/19/2023	09:34 AM	FL-E04@7'	0.6	N.S		N.O			Flowline	
R38	09/19/2023	09:36 AM	FL-S04@7'	1.1	N.S		N.O			Flowline	
R39	09/19/2023	09:38 AM	FL-W04@7'	0.4	N.S		N.O			Flowline	
R40	09/19/2023	10:02 AM	FL-B03@8'	0.7	N.S		N.O			Flowline	
R41	09/19/2023	10:04 AM	FL-N05@4'	1.0	N.S		N.O			Flowline	
R42	09/19/2023	10:06 AM	FL-S05@4'	0.5	N.S		N.O			Flowline	
R43	09/19/2023	10:08 AM	FL-E05@4'	0.6	N.S		N.O			Flowline	
R44	09/19/2023	10:10 AM	FL-W05@4'	0.5	N.S		N.O			Flowline	

Photo(s)

R1 - P1



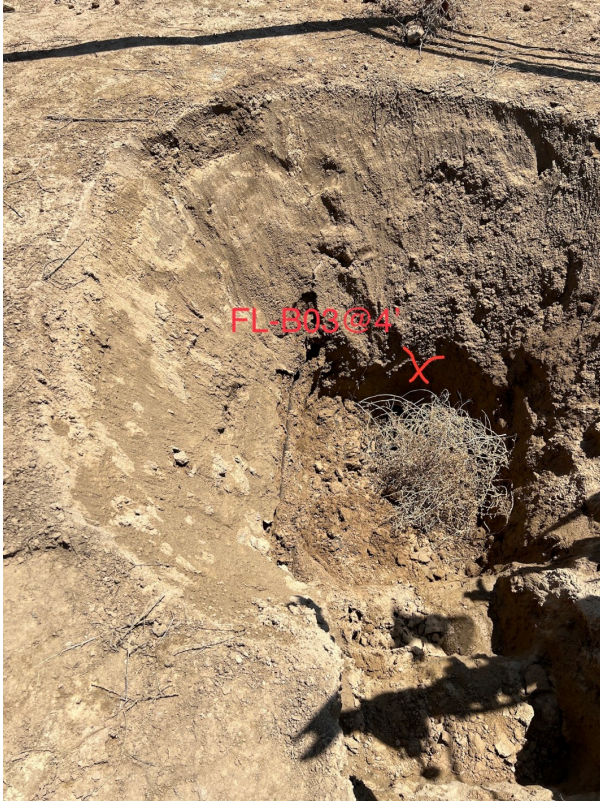
Looking south

R2 - P1

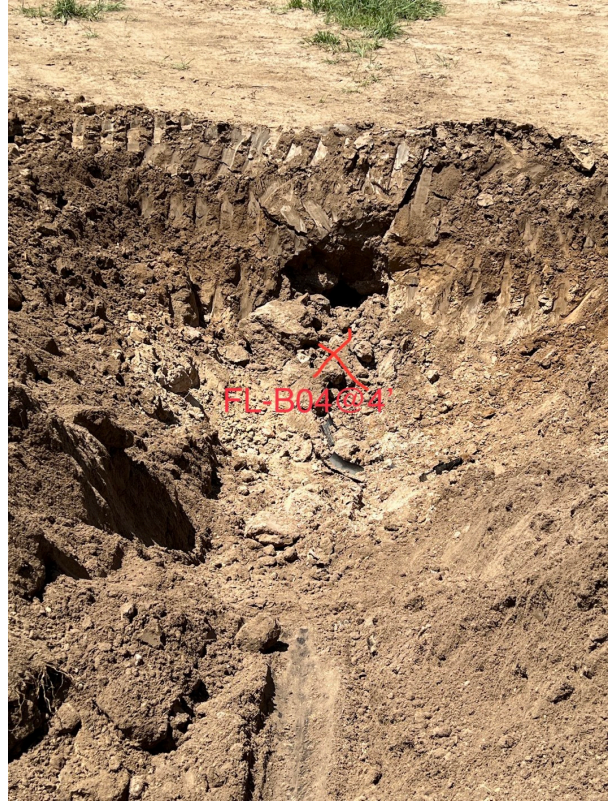


Looking east

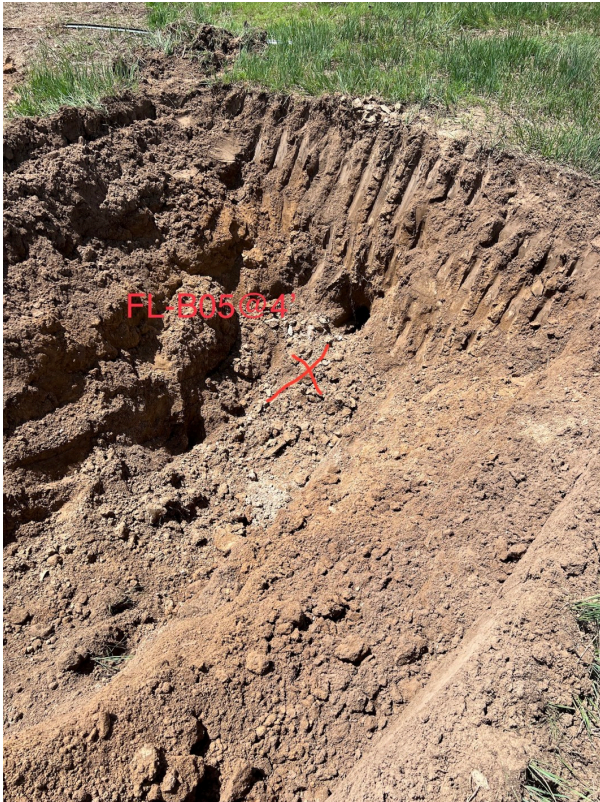
R3 - P1



R4 - P1



R5 - P1



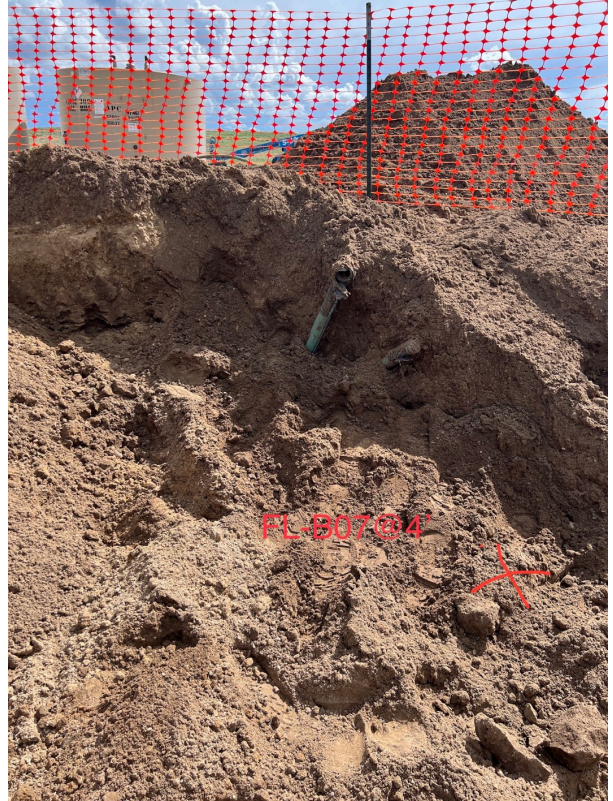
R6 - P1



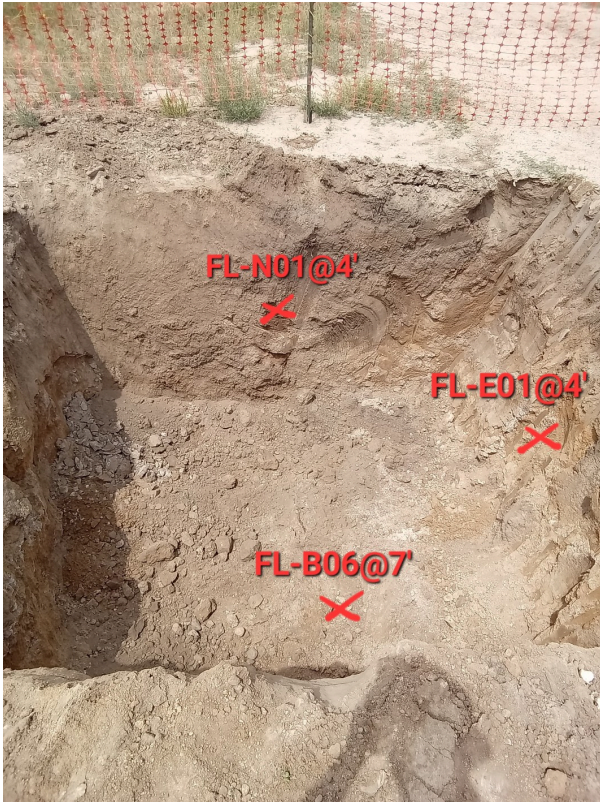
R7 - P1



R8 - P1



R10 - P1



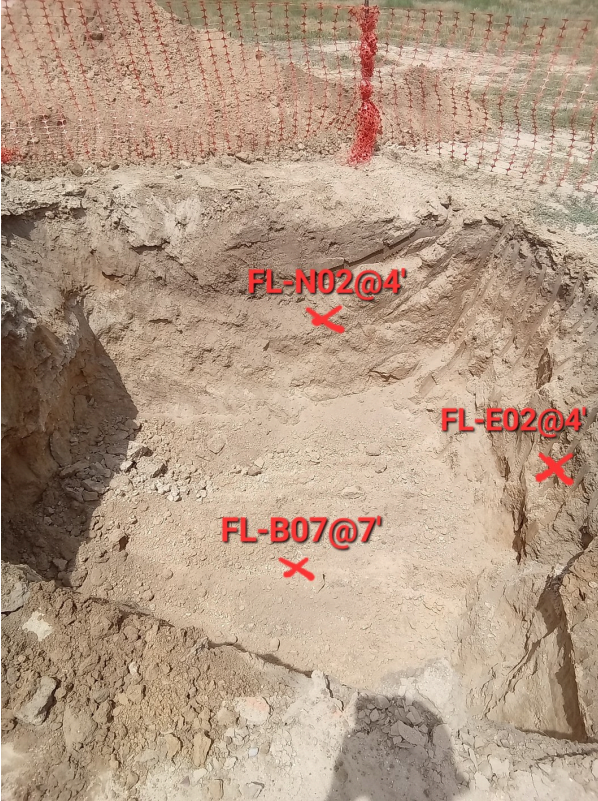
Looking north

R11 - P1



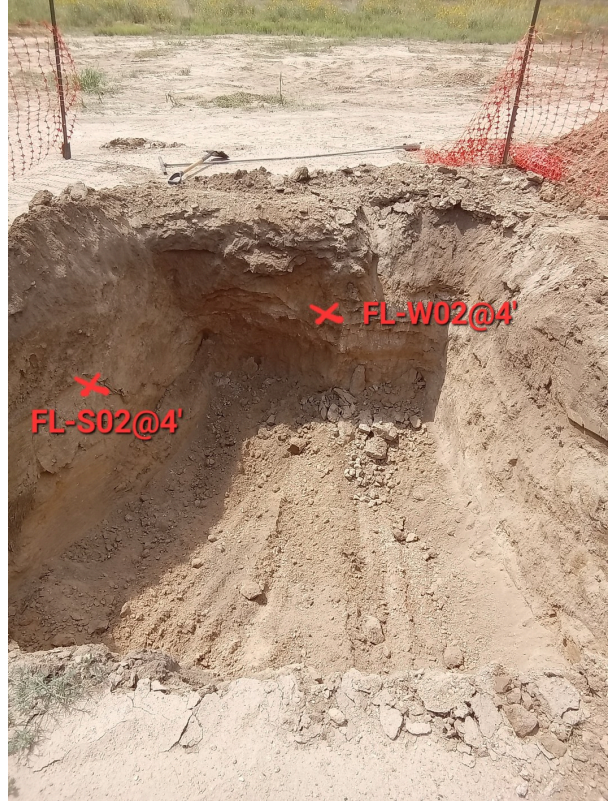
Looking south

R14 - P1



Looking north

R16 - P1



Looking west

R19 - P1



Facing west

R21 - P1



Facing east

R23 - P1



Facing north

R25 - P1



Facing east

R26 - P1



Facing west

R27 - P1



Facing south

R28 - P1



Facing south

R30 - P1



Facing north

R35 - P1

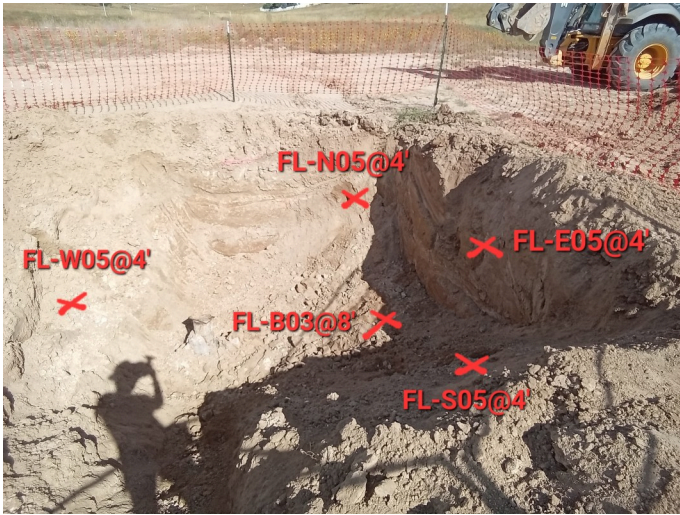


Looking northeast

R38 - P1



Looking southwest



Looking north

Other observations regarding wellheads

Summary

Was impacted soil identified?	Yes - less than 10 cubic yards
Total number of soil samples field screened	44
Total number of soil samples collected	44
Highest PID Reading	4.3
Total number of soil samples submitted to lab for analysis	32
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	