Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NAB1710238086
District RP	2RP-4167
Facility ID	
Application ID	pAB1710237462

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must notified 2 days prior to liner inspection)
- ☑ Laboratory analyses of final sampling (Note: appropriate OCD Distric office must be notified 2 days prior to final sampling)
- ☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsiblity for compliance with any other federal, state or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Hack Conder Title: Regional Vice President

Signature: HPConder Date: 4/10/20

email: hconder@tasman-geo.com Telephone: 806-241-1110

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment not does not relieve the responsible party of compliance with any other federal, state or local laws and/or regulations.

Signature: Bradford Billings Date: 09/15/2021

November 6, 2019

Mr. Bradford Billings
Hydrologist
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

RE: ZZ-1 Line (2RP-4167)
Supplemental Site Closure and No Further Action Request

Mr. Billings:

Tasman Geosciences (Tasman) has prepared this letter on behalf of DCP Midstream (DCP) to request closure and no further action (NFA) for remediation activities at the ZZ-1 Line project with remediation project number 2RP-4167 (Site).

Per the meeting that was conducted on August 29, 2019 at the New Mexico Oil Conservation Division (NMOCD) in Santa Fe, NM between the NMOCD, DCP, and Tasman, and at the request of the NMOCD, Tasman on behalf of DCP collected a background groundwater sample for chloride analysis from a temporary groundwater monitoring well located downgradient of the ZZ-1 Line project area. The sample was collected to verify that the previous groundwater sampling activities conducted in March 2018 and the associated chloride results from monitoring wells MW-1 though MW-3 were representative of background concentrations. The groundwater sample, collected on October 21, 2019, was submitted to Cardinal Laboratory in Hobbs, NM for laboratory analysis of chloride using SM 4500-Cl B and the reported concentration of 3,300 milligrams per liter (mg/L) is representative of background conditions at the Site. The attached figure illustrates the groundwater sample locations and the laboratory analytical results collected at the Site.

Based on the data provided, Tasman on behalf of DCP is requesting Site closure and a no further action (NFA) determination. Should you have any questions regarding this letter or the NFA request, please contact me by phone at (303) 487-1228 or by e-mail at bhumphrey@tasman-geo.com.

Sincerely,

Brian Humphrey
Program Manager
Tasman Geosciences

Enclosures:

Figure 1 – Groundwater Sample Locations and Analytical Data

Appendix A – Groundwater Sample Laboratory Analytical Report (October 21, 2019)

Appendix B - Original copy of the Release Notification and Corrective Action Form (C-141)

Appendix C- General Site Photographs

cc: Stephen Weathers, P.G. – DCP Midstream
File

Figures

MW-1	
	3/12/2018
Compound	(mg/L)
Benzene	<0.0005
Toluene	<0.0005
Ethylbenzene	<0.0005
Total Xylenes	<0.002
Total BTEX	<0.003
Chloride	6,300

MW-2	
	3/12/2018
Compound	(mg/L)
Benzene	<0.0005
Toluene	<0.0005
Ethylbenzene	<0.0005
Total Xylenes	<0.002
Total BTEX	<0.003
Chloride	5,100

MW-3		
	3/12/2018	3/12/2018 Duplicate
Compound	(mg/L)	(mg/L)
Benzene	0.0007	0.0006
Toluene	<0.0005	<0.0005
Ethylbenzene	<0.0005	<0.0005
Total Xylenes	<0.002	<0.002
Total BTEX	<0.003	<0.003
Chloride	4,000	4,100

Background GW Sample	
	10/21/2019
Compound	(mg/L)
Chloride	3,330

Legend

- Monitoring Well Location (Collected via Trimble GPS)
- Groundwater Sample Location
- Buried Pipeline Alignment
- Final Excavation Extent (04/2017) (Collected via Trimble GPS)

NMWQCC Groundwater Standards	
Compound	(mg/L)
Benzene	0.01
Toluene	1.00
Ethylbenzene	0.75
Total Xylenes	0.62
Total BTEX	0.05
Chloride*	250.00

Notes:

*The chloride value is a secondary maximum contaminant level (SMCL) and has been established as a guideline in the National Secondary Drinking Water Regulations.

All locations are approximate unless otherwise noted.

Underground infrastructure has been spatially projected and needs to be field verified.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes

mg/L - Milligrams per Liter
mg/kg - Milligrams per kilogram
NMWQCC - New Mexico Water Quality Control Commission

N

0 40 80 Feet

Imagery Sources: Google Earth; 2016 Google

DATE: October 2019
DESIGNED BY: B. Humphrey
DRAWN BY: L. Martin

TASMAN GEOSCIENCES
Tasman Geosciences Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
ZZ-1 Line
SWNW, Section 17, Township 18 South, Range 27 East
Eddy County, New Mexico

Groundwater Sample Locations and Analytical Data

Figure 1

Appendix A

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 22, 2019

HACK CONDER

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: ZZ-1 LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/21/19 16:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DCP Midstream - Midland
HACK CONDER
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	10/21/2019	Sampling Date:	10/21/2019
Reported:	10/22/2019	Sampling Type:	Water
Project Name:	ZZ-1 LINE	Sampling Condition:	** (See Notes)
Project Number:	F-250	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BACKGROUND GW SAMPLE (H903592-01)

Chloride, SM4500Cl-B **mg/L** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**3330**	4.00	10/22/2019	ND	104	104	100	0.00	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: DCP Midstream	**BILL TO**
Project Manager: Kyle Norman	P.O. #: Direct Bill
Address: 5301 Sierra Vista Dr	Company: DCP MIDSTREAM
City: Carlsbad State: NM Zip: 88220	Attn: YVONNE BLAIR
Phone #: 575-361-2406 Fax #:	Address: 5301 SIERRA VISTA Dr
Project #: Project Owner:	City: CARLSBAD
Project Name: ZZ-1 Line	State: NM Zip: 88220
Project Location: F231 F210 F250 F261	Phone #: 575-234-6401
Sampler Name: N. Kopiasz	Fax #:

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides 4500	TPH 8015 M EXT	BTEX	Texas TPH	Complete Cations/Anions	TDS						
H903592-1	Background GW Sample		1	✓							✓		10/21/19	10:30	✓											

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 10/21/19 Time: 4:14	Received By: Brandi Adair	Phone Result: ☐ Yes ☑ No Add'l Phone #:
			Fax Result: ☐ Yes ☑ No Add'l Fax #:
Relinquished By:	Date: Time:	Received By:	REMARKS: email results: cmtrujillo@dcpmidstream.com; hconder@dcpmidstream.com; knorman@tasman-geo.com; swweathers@dcpmidstream.com; bhumphrey@tasman-geo.com; nkopiasz@tasman-geo.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 8.3°C 8.7° corrected	Sample Condition Cool ☐ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) BO #97	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Appendix B

NM OIL CONSERVATION
ARTESIA DISTRICT
APR 11 2017
RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
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-1
Revised August 8, 2
Submit Copy to appropriate District Office in accordance with 19.15.29 NMA

fAB1710237462 nAB1710238086

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company DCP 36785	Contact Haskell Conder
Address 10 Desta Drive, Suite 400 West	Telephone No. cell 432-557-1127
Facility Name ZZ-1	Facility Type Natural Gas Gathering Pipeline

Surface Owner: BLM Tenant: JW Gissler Estate	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	17	18S	27E					Eddy

Latitude: 32.7480139 **Longitude :** -104.3091924

NATURE OF RELEASE

Type of Release: Natural Gas Liquids	Volume of Release 20 BBL	Volume Recovered 15 BBL
Source of Release: pipeline	Date and Hour of Occurrence 4-9-17 10:15pm	Date and Hour of Discovery 4-9-17 10:15pm
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.* N / A

Describe Cause of Problem and Remedial Action Taken.*
DCPM Operator was notified by a 3rd party of a possible leak on the ZZ-1 line in Artesia Gathering. DCPM dispatched operators to location to shut in gas and blow down line. A vacuum truck was sent to pick up all standing liquids on the ground.

Describe Area Affected and Cleanup Action Taken.*
DCP will scrap and excavate around pipeline leak area and all visible contaminated soil will be transported to a NMOCD solid waste disposal facility. Once these activities have been completed
a delineation/ remediation plan will be submitted to determine the lateral and vertical extent of the contamination (hand auguring and trenching etc.).

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Haskell Conder

Printed Name: Haskell Conder

Title: Compliance Coordinator

E-mail Address: hconder@dcpmidstream.com

Date: 04/11/17 Phone: 432-557-1127

OIL CONSERVATION DIVISION

Approved by Environmental Specialist: Signed By Mike Bratcher

Approval Date: 4/11/17 Expiration Date: N/A

Conditions of Approval: See attached Attached ☐

* Attach Additional Sheets If Necessary

2RP-4167

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 4/11/2017 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP-4167 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

> *The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC.* [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in ARTESIA on or before 5/11/2017. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C_6 thru C_{36}), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.

- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C_6 thru C_{36}), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.

- Nominal detection limits for field and laboratory analyses must be provided.

- Composite sampling is not generally allowed.

- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

●Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

● If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

● Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold
OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

Bratcher, Mike, EMNRD

From: Conder, Haskell P <HPConder@dcpmidstream.com>
Sent: Tuesday, April 11, 2017 11:19 AM
To: Weaver, Crystal, EMNRD; Bratcher, Mike, EMNRD
Cc: Blair, Yvonne B; Weathers, Stephen W
Subject: ZZ-1 C-141
Attachments: ZZ-1 C-141.pdf

Good Morning, attached is the C-141 for the ZZ-1 Line Leak, the one call clears at 07:15 tomorrow morning we will begin immediate cleanup of the area. We will scrape affected area and excavate around the pipeline leak area. Due to the shallow groundwater removal of all contaminated material to approved facility will be necessary. Once these activities are completed and remediation /delineation plan will be submitted for your approval. If you have any questions or concerns please contact me.

Thanks
Hack Conder
Compliance Coordinator
DCP Midstream, LP
1625 W. Marland
Hobbs, NM 88240
(432) 557- 1127 mobile
(575) 397-5584 office
(575) 397-5598 fax

Appendix C

DIRECTION
SW (T)

+32.73964°
-104.37859°

ACCURACY 16 ft
DATUM WGS84

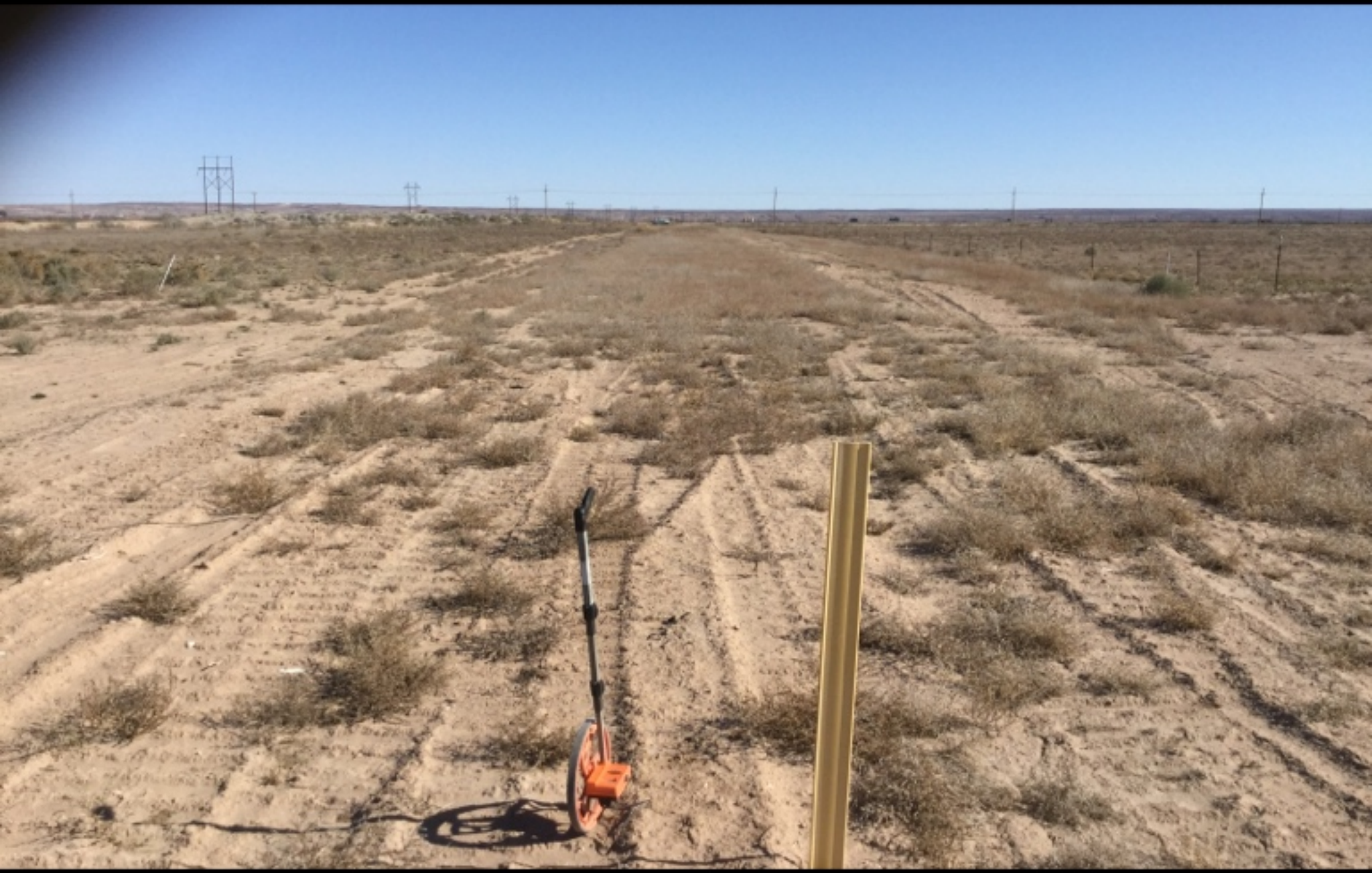
Disturbed Area

12/20/19, 11:36:21 AM

DIRECTION
E (T)

+32.73927°
−104.38285°

ACCURACY 16 ft
DATUM WGS84



Disturbed Area

12/20/19, 11:54:04 AM

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

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 4928
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	Approved as per agreement with OCD for data.	9/15/2021