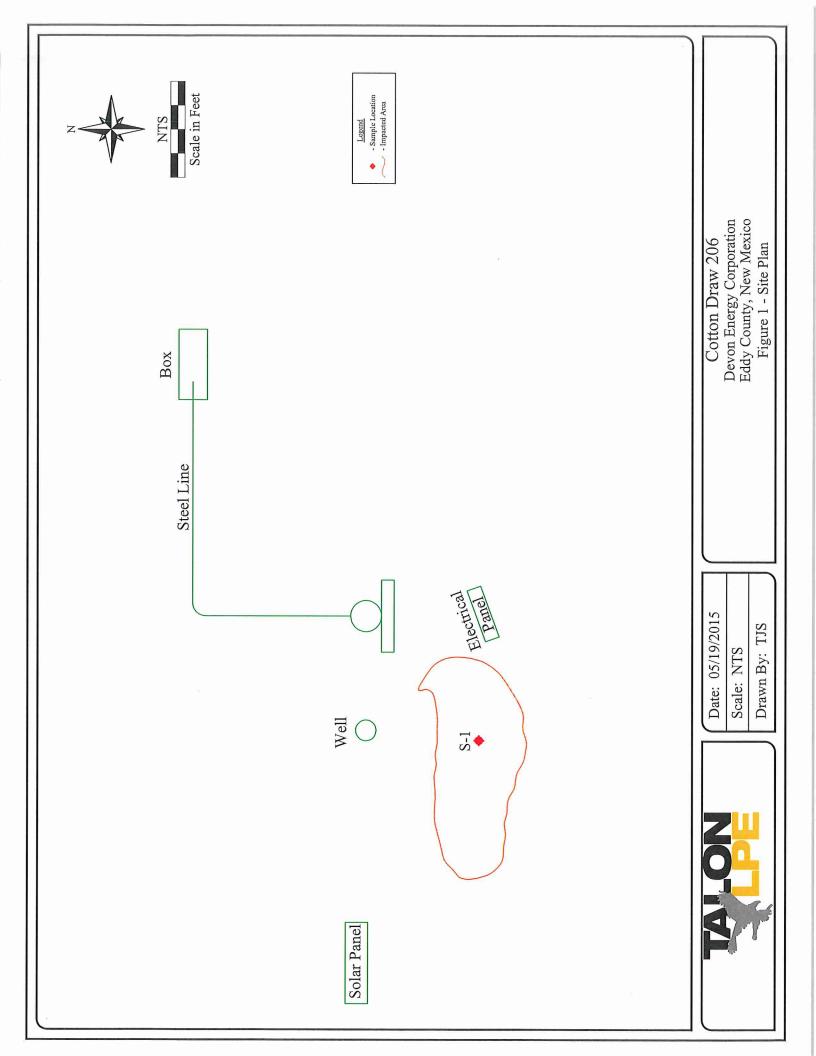
### APPENDIX I SITE MAP



# APPENDIX II GROUNDWATER DATA INITIAL C-141



### New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file )

(R=POD has been replaced, O=orphaned,

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(In feet)

260 feet

water right file.)	cioseu)	(quu	itoi	0 0	11001	Halloc	it to large	301) (11)	iboo o i iii iii iiio	.0.0,	٧.	,	
	POD												
	Sub-	Q	Q	Q							Depth	Depth	Water
POD Number	Code basin Count	y 64	16	4	Sec	Tws	Rng	Х	Υ	Distance	Well	Water	Column
C 02401	LE	2	2	1	01	25S	34E	648534	3559896*	2076	275	260	15
CP 00839	LE		4	3	30	24S	35E	650017	3561833* 🌑	2521	175		

Average Depth to Water:

260 feet Minimum Depth:

260 feet Maximum Depth:

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 647499

Northing (Y): 3561696

Radius: 3000

### NM OIL CONSERVATION

ARTESIA DISTRICT

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

FEB **06** 2015

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Submit 1 Copy to appropriate District Office in RECEI vacculance with 19.15.29 NMAC.

1220 South St. Francis Dr. Santa Fe, NM 87505

Release Notification and Corrective Action														
						OPERATOR								
Name of Co (6137)	ompany:	Devon Ener	gy Prod	uction Co LP 4137	(	Contact: Mike Palmer, Consultant								
Address: PO Box 250 Artesia, NM 88211						Telephone No. 575-420-2711								
Facility Na	me: Cotto	on Draw Uni	t 206H		. F	Facility Type: Well location								
Surface Ow	ner: Fede	eral		Mineral Ow	ner:	Federal	44.44.5.44	API No	API No. 30-015-42072					
LOCATION OF RELEASE														
Unit Letter O	Section 26	Township 24S	Range 31E	_ 1		/South Line   Feet from the   East   South   1400		East/West Line East	County Eddy					
Latitude: Longitude:														
NATURE OF RELEASE														
Type of Rele	ase: Produ	ced Water				Volume of Release: 12 bbls Volume Recovered: 0 bbl								
Source of Re	lease: Dart	Valve				Date and Hour of Occurrence Date and Hour of Discovery 2/4/15, 1:50 PM 2/4/15, 1:50 PM								
Was Immedi	ate Notice (		Yes [	No 🗌 Not Requ	ıired	If YES, To Whom?								
By Whom?	-						Date and Hour:							
				-		2/4/2015, 2:30 PM								
Was a Watercourse Reached? ☐ Yes ☒ No						If YES, Volume Impacting the Watercourse.								
If a Watercourse was Impacted, Describe Fully.*  NA														
Describe Cause of Problem and Remedial Action Taken.* Halliburton was performing the fracture treatment on Stage 16 when a check valve (dart valve) washed out causing the spill. The water immediately soaked in the ground so a vacuum truck was not used.														
Describe Area Affected and Cleanup Action Taken.*  20' x 40'. Since the water soaked into the ground instantly, immediate cleanup was not possible.														
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:						OIL CONSERVATION DIVISION								
Printed Name: Denise Menoud						Signed By M/4 Drawwisk  Approved by Environmental Specialist:								
Title: Field A	dmin Sup	port				Approval Date: 2/10/15 Expiration Date: N/H								
E-mail Addre	ess: Denise	.Menoud@dv	n.com			Conditions of	Approval:		Attached					
Date: 2/5/2	015	Pho	one: <b>575-7</b>		SUB	MIT REME	er O.C.D. Rui DIATION PB	les & Guldelin OPOSAL NO	es macheu					
					LATE	ER THAN:	אוועווה	)	7KD-774X					

## APPENDIX III LABORATORY RESULTS



April 24, 2015

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: COTTON DRAW 206 COMPLETIONS

Enclosed are the results of analyses for samples received by the laboratory on 04/17/15 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 <a href="https://www.tceq.texas.qov/field/qa/lab">www.tceq.texas.qov/field/qa/lab</a> 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.

Celeg D. Keene

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

Lab Director/Quality Manager



### Analytical Results For:

TALON LPE KIMBERLY WILSON 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

04/17/2015

Sampling Date:

04/15/2015

Reported:

04/24/2015

Sampling Type:

Soil

Project Name:

**COTTON DRAW 206 COMPLETIONS** 

Sampling Condition: Sample Received By:

Cool & Intact Jodi Henson

Project Number:

70079414101

Project Location: EDDY COUNTY, NM

Sample ID: S-1 0' (H501017-01)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result

Reporting Limit

Analyzed

Method Blank

BS % Recovery

104

True Value QC

**RPD** 3.92

3.92

Qualifier

Chloride

Chloride

Chloride

Chloride

1960

16.0

04/21/2015

ND

416

400

Sample ID: S-1 .5' (H501017-02)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result 3080

64.0

Result

<16.0

Reporting Limit

16.0

16.0

Reporting Limit

16.0

Analyzed 04/21/2015 Method Blank ND

ND

ND

BS

416

416

% Recovery 104

True Value QC 400

RPD

Qualifier

Sample ID: S-1 1' (H501017-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte Result Reporting Limit Analyzed

04/21/2015

Analyzed

04/21/2015

Method Blank BS

% Recovery 104

True Value QC

400

RPD Qualifier

3.92

Sample ID: S-1 1.5' (H501017-04)

Chloride, SM4500Cl-B

Analyte

mg/kg

Analyzed By: AP

Method Blank

BS

416

% Recovery

104

True Value QC 400

RPD

3.92

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keens

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

TALON LPE KIMBERLY WILSON 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

04/17/2015

04/24/2015

Sampling Date:

04/15/2015

Reported: Project Name:

COTTON DRAW 206 COMPLETIONS

Sampling Type:

Soil

70079414101

Sampling Condition:

Cool & Intact

Project Number: Project Location:

EDDY COUNTY, NM

Sample Received By:

Jodi Henson

### Sample ID: S-1 2' (H501017-05)

Chloride, SM4500CI-B mg/kg		/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/21/2015	ND	416	104	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

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Celeg & Keene



### **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

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Celey & Keene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Company Name: Talon/LPE Phone #: 575-746-8768 Project #: 7007914161 city: Artesia Project Location: 5 delle Address: 408 W. Texas Ave. Project Name: Cotton Sampler Name: PLEASE NOTE: Liability and Damages. Cautinal's liability and client's exclusive remedy for any clim arising whether based in contract or toot, shall be limited to the amount paid by the client for the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless made in willing and received by Cardinal within 30 days after completion of the applicable cardinal chardral be liable for incidental or consequental damages, including whout limitation, business interruptions, loss of use, or loss of profits incurred by client, its subclitation, services in no event shall Cardinal be liable for incidental or consequental damages, including whout limitation, business interruptions, loss of use, or loss of profits incurred by client, its subclitation, H50101 FOR LAB USE ONLY Relinquished By: Sampler - UPS - Bus - Other: Relinguiethed By Lab I.D. ors arising out of or related to the performant 101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Hora one) 1 ŧ 1 Sample I.D. O 5 ()/ew Ison Fax #: 575-746-8905 Project Owner: State: NM Zip: 88210 Time: Date: 206 SOM (G)RAB OR (C)OMP. Completions 9 G 3 5 03 # CONTAINERS levon 00 GROUNDWATER WASTEWATER Sample Condition
Cool Infact
Pres Pres
No No MATRIX SOIL OIL SLUDGE P.O. #: State: City: Attn: Company: Fax #: Phone #: Address: OTHER PRESERV. ACID/BASE: ICE / COOL OTHER: Talon/LPE Zip: 4-15-12 4.12.45 81:01 5-5-4 4-15-15 SAMPLING DATE Phone Result:
Fax Result:
REMARKS: 10:05 10:15 10:00 TIME Chlocites 1 ☐ Yes No No ANALYSIS Add'l Phone #: Add'l Fax #: REQUEST

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 39\$-2326