

**FORM
INSP**Rev
X/15**State of Colorado
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

08/17/2017

Submitted Date:

08/17/2017

Document Number:

680704374**FIELD INSPECTION FORM**Loc ID 323202 Inspector Name: Peterson, Tom On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 69175Name of Operator: PDC ENERGY INCAddress: 1775 SHERMAN STREET - STE 3000City: DENVER State: CO Zip: 80203**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED

Findings:4 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
,		dnr_cogccengineering@state.co.us	
Precup, Jim		james.precup@state.co.us	
,		cogccinspection@pdce.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
244909	WELL	SI	05/01/2017	GW	123-12704	MARK "E" UNIT 1	PA

General Comment:

LocationOverall Good: ☒

Signs/Marker:			
Type	DRILLING/RECOMP		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date:

Overall Good: ☒

Spills:			
Type	Area	Volume	

In Containment: No

Comment: ☐ Multiple Spills and Releases?

Fencing/:			
Type	WELLHEAD		
Comment:	Panel		
Corrective Action:		Date:	

Equipment:			corrective date
Type: Flow Line	# 1		
Comment:	2" steel riser		
Corrective Action:		Date:	
Type: Plunger Lift	# 1		
Comment:			
Corrective Action:		Date:	

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities

Facility ID: 244909 Type: WELL API Number: 123-12704 Status: SI Insp. Status: PA

CementCement ContractorContractor Name: O-Tex

Contractor Phone: _____

Surface Casing

Cement Volume (sx): _____

Circulate to Surface: _____

Cement Fall Back: _____

Top Job, 1" Volume: _____

Intermediate Casing

Cement Volume (sxs): _____

Good Return During Job: _____

Production Casing

Cement Volume (sx): _____

Good Return During Job: _____

Plugging OperationsDepth Plugs(feet range): 4331-4100, 809-0Cement Volume (sx): 480 sxsGood Return During Job: YESCement Type: Class G 15.8#

Comment: Wellbore pressure 0/20 psig, TIH with tbg and tag @ 3364' KB, wash down tbg to TOC @ 4331' KB, condition wellbore with rig pump, MIRU O-Tex cementers, hold safety meeting, mix and pump 110 sxs Class G Neat 15.8 ppg cement slurry (22.5 bbls total) on top of previous stub plug, no gas returns to work tank were observed during cementing, displace tbg with 16 bbls of fresh water, RD cementers, lay down tbg to 809' KB, RU cementers, mix and pump 370 sxs Class G w/ 2% CACL 15.8 ppg cement slurry shoe plug to surface (75 bbls total), lay down remaining tbg, top off cement, RDMO cementers, SIW, SDFN.

Corrective Action: _____

Date: _____

BradenHeadComment: Bradenhead valve is exposed at surface.

Corrective Action: _____

Date: _____

Environmental	
Spill/Remediation:	
Comment:	
Corrective Action:	Date:
Emission Control Burner (ECB): YES	
Comment:	
Pilot: OFF	Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND
SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? In

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? In

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? _____

Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment _____

Corrective Action _____ Date _____

Overall Interim Reclamation**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: _____

Reminder: _____

Comment: _____

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads _____ Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ Subsidence _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment: _____

Corrective Action: _____ Date _____

Overall Final Reclamation _____ Well Release on Active Location ☐ Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass	Gravel	Pass			

Comment:

Corrective Action:

Date:

Pits: ☒ NO SURFACE INDICATION OF PIT