

**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:

04/09/2018

Submitted Date:

04/16/2018

Document Number:

685304593**FIELD INSPECTION FORM**Loc ID 313483 Inspector Name: St John, William (Cal) On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10434Name of Operator: ATOM PETROLEUM LLCAddress: 3323 N MIDLAND DR #113City: MIDLAND State: TX Zip: 79707**Status Summary:**

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

Findings:23 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Hughes, Jim		jimo.hughes@state.co.us	
Roy, Catherine		catherine.roy@state.co.us	
Labowskie, Steve		steve.labowskie@state.co.us	COGCC
Andrews, Dave		david.andrews@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
224198	WELL	SI	06/01/2015	OW	083-06263	DOERFER 2	SI

General Comment:

Inspection completed as routine inspection prior to plug and abandonment operations.

See link at end of report for path to downloadable pictures.

Location

Lease Road:			
Type	Access		
comment:	Gated dirt and gravel access road to gated pasture two track road.		
Corrective Action	L	Date:	

Overall Good: ☐

Signs/Marker:			
Type	WELLHEAD		
Comment:	Framed metal sign.		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Labels directly on tanks.		
Corrective Action:		Date:	
Type	BATTERY		
Comment:	Framed metal sign.		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good: ☐

Spills:				
Type	Area	Volume		

In Containment: No

Comment:

☐ Multiple Spills and Releases?

Equipment:			corrective date
Type: Flow Line	# 5		
Comment:	In use - 2" steel line from Doerfer 1-5 riser to Doerfer 2 riser. In use - 2" steel line from wellhead tubing to above ground riser. In use - 2" steel line from riser to tank battery riser. In use - 2" steel line from tank battery riser to tank riser. In use - 2" steel line from tank riser to production tank.		
Corrective Action:		Date:	
Type: Ancillary equipment	# 1		
Comment:	Electrical supply equipment.		
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:	Tank.		

Corrective Action:		Date:	
Type: Horizontal Heated Separator	# 0		
Comment:			
Corrective Action:		Date:	
Type: Ancillary equipment	# 1		
Comment:	Wellhead.		
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	Electric motor.		
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	OTHER	STEEL AST		37.178670,-108.176940
Comment:	Above ground 210 BBL steel tank with earthen berms.				
Corrective Action:				Date:	

Paint

Condition	Adequate	
Other (Content)		
Other (Capacity)	210 BBLS	
Other (Type)		

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficent	Adequate
Comment:				
Corrective Action:			Date:	

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	OTHER	HEATED STEEL AST		37.178670,-108.176940
Comment:	Above ground heated 210 BBL steel tank with earthen berms.				
Corrective Action:			Date:		

Paint

Condition	Adequate	
Other (Content)		
Other (Capacity)	210 BBLS	
Other (Type)		

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficent	Adequate
Comment:				
Corrective Action:			Date:	

Venting:

Yes/No	NO		
Comment:	Valve at wellhead was found open at time of inspection. Well was found to be dead with no gas or fluid activity. Checked with 4 gas monitor and no readings observed.		
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected FacilitiesFacility ID: 224198 Type: WELL API Number: 083-06263 Status: SI Insp. Status: SI**Cement**Cement ContractorContractor Name: 4 Corners Well

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 Operations

Depth Plugs(feet range): _____

Cement Volume (sx): _____

Good Return During Job: _____

Cement Type: _____

Comment: Flow line disconnected from wellhead tubing. Riser lines at wellhead abandoned. Disconnect bridle from horsehead. Remove pump jack. Well ready for rig move in.

Corrective Action: _____

Date: _____

Idle WellPurpose: ☒ Shut In☐ Temporarily Abandoned

Reminder: _____

Comment: SI - Well has been since Jan 2014. Well has approved Form 6 and plugging and abandonment operations starting 4/9/2018.

Corrective Action: _____

Date: _____

Flowline

#1 Type: Sales Line

of Lines

Flowline DescriptionFlowline Type: Sales LineSize: 2"Material: Carbon Steel

Variance: _____

Age: _____

Contents: Crude OilIntegrity Summary

Failures: _____

Spills: _____

Repairs Made: _____

Coatings: _____

H2S: _____

Cathodic Protection: _____

Pressure Testing

Witnessed: _____

Test Result: _____

Charted: _____

COGCC Rules(check all that apply)☐ 1101. Installation and Reclamation☐ 1102. Operations, Maintenance, and Repair☒ 1103. Abandonment

<u>Comment:</u>	<p>Flow line at Doerfer 2 is a 2" steel line from wellhead tubing that is tied into riser at wellhead. One riser leg origination point is from riser at Doerfer 1 -5. The other riser leg ties to tank battery riser.</p> <p>To purge flow line riser at Doerfer 1-5 was disconnected and water pump was tied into riser. 800 gallons of hot water was pumped through entire lenght of flow line and above ground risers to tank battery. Nipple and valve at tank battery riser was used to connect hose and push heated water into production tank.</p> <p>At the Doerfer 2 the 2" flow line was disconnected from wellhead and removed. Riser lines were excavated and disconnected at below grade elbows. Installed 2" bull plugs at termination points.</p>	
Corrective Action:		Date:

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

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

Land Use: _____

Comment: [Revegetation of interim reclamation area has progressed to full coverage with established grass.](#)**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? Pass

Comment _____

Corrective Action _____

Date _____

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

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
Compaction	Pass	Compaction	Pass			

Comment: Stormwater BMPs appear to be functioning at time of inspection.

Corrective Action:

Date: _____

Pits: ☒ NO SURFACE INDICATION OF PITType: BS&W Lined: NO Pit ID: _____ Lat: 37.178790 Long: -108.177110Reference Point: SE Other: _____ Length: 12 Width: 12**Lining:**

Liner Type: _____ Liner Condition: _____

Comment: None.

Corrective Action

Date: c**Fencing:**Fencing Type: None Fencing Condition: _____

Comment: _____

Corrective Action

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: None.

Corrective Action

Date: _____

Anchor Trench Present: NO Oil Accumulation: _____ 2+ feet Freeboard: _____

Comment: _____

Corrective Action

Date: _____

Type: BS&W Lined: NO Pit ID: _____ Lat: 37.178660 Long: -108.177170Reference Point: SE Other: _____ Length: 12 Width: 12**Lining:**

Liner Type: _____ Liner Condition: _____

Comment: None.

Corrective Action

Date: c**Fencing:**Fencing Type: None Fencing Condition: _____

Comment: _____

Corrective Action

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: None.

Corrective Action		Date:
Anchor Trench Present: <u>NO</u>	Oil Accumulation:	2+ feet Freeboard:
Comment:		
Corrective Action		Date:

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
685304610	Inspection pictures.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4442657