

**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:

08/16/2019

Submitted Date:

09/03/2019

Document Number:

698600137

FIELD INSPECTION FORM

Loc ID 320217 Inspector Name: St John, William (Cal) On-Site Inspection 2A Doc Num: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 90615
Name of Operator: TUDEX PETROLEUM INC
Address: 2121 39TH AVE NE UNIT E
City: CALGARY State: AL Zip: T2E 6R7

Findings:

- 8 Number of Comments
- 0 Number of Corrective Actions
- Corrective Action Response Requested

ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE

Contact Information:

Contact Name	Phone	Email	Comment
Andrews, Dave		david.andrews@state.co.us	
Hickey, Mike		michael.hickey@state.co.us	
Conklin, Curtis		curtis.conklin@state.co.us	
Spencer, Stan		stan.spencer@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
203084	WELL	PR	12/01/2014	OW	001-08491	LAMBERT 2	PA

General Comment:

This is an orphaned well inspection. Inspection completed to document progress and completion of plug and abandonment task.
Inspection may also identify possible task required for final closure/release of location from the Orphaned Well Program.
See link at end of report for path to downloadable pictures.

Location

Lease Road:			
Type	Access		
comment:	Access off paved county road by residential driveway.		
Corrective ActionL			Date:

Overall Good:

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

Emergency Contact Number:			
Comment:	<input style="width: 95%;" type="text"/>		
Corrective Action:	<input style="width: 95%;" type="text"/>		Date: _____

Overall Good:

Spills:				
Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:				corrective date
Type: Deadman # & Marked	# 0			
Comment:	Removed (4) anchors and markers.			
Corrective Action:				Date:
Type: Ancillary equipment	# 0			
Comment:	Well has been plugged and abandoned. Casing GPS is 39.98136/-104.85412.			
Corrective Action:				Date:

Venting:			
Yes/No	NO		
Comment:			
Corrective Action:			Date:

Flaring:			
Type			
Comment:			
Corrective Action:			Date:

Inspected Facilities

Facility ID: 203084 Type: WELL API Number: 001-08491 Status: PR Insp. Status: PA

Cement

Cement Contractor

Contractor Name: DUCO

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): 4629 - 0

Cement Volume (sx): 199 total

Good Return During Job: YES

Cement Type: Class G

Comment: Set CIBP at 4629' and spot 2 sx on top.
 Set CIBP at 4150' and spot 2 sx on top.
 Perforate at 2600'. Set retainer at 2500'. Mix and pump 25 sx through and 7 sx on top.
 Set CIBP at 1050. Mix and pump 27 sx on top.
 Cut production casing at 502'. Mix and pump 130 sx to surface.
 Cut off casing 6' below grade. Top off with 6 sx and weld on below grade marked plate.
 Casing GPS 39.98136/-104.85412.

Corrective Action: _____

Date: _____

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? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

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

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 REVEGETATION

Cropland

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: 09/20/2019 Date Final Reclamation Completed: _____

Final Land Use: _____

Reminder: _____

Comment:

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

Debris removed Pass 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
Comment: <input type="text" value="No issues noted at time of inspection."/>						Date: _____
Corrective Action: <input type="text"/>						

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Daily notes from Lambert 2 plugging and abandonment task.	stjohnw	09/03/2019
<p>8/16 – Spot in balance beam. Spot in rig and rig up. Spot in additional equipment as it shows up. Rig up and start pulling rod string. Pull polish rod and 3 joints. String is pretty nasty and covered in paraffin. Rig in Hot Oiler and pump hot water to break paraffin. At 600 psig and unable to get pressure to break down the tubing so move to the casing and circulate 130 bbls total between casing and tubing. Pull rods until they dirty up and put Hot Oiler back on well to continue to try and clean it up. Continue to pull rod string and pump to clean up until rod string has been removed. SDFN.</p> <p>8/17 – When removing the 4 port body from the wellhead tree discovered it had been cross threaded when installed. Tried to get a collar on tubing joint but the threads have been destroyed. Installed nipple and valve for well control. With the threads destroyed tubing string is unsafe to lift. Decision made to spear tubing and attempt to release anchor. Tool arrived and speared into tubing. After several attempts unable to get anchor to release. Consulted with OWP Engineer Lead Mike Hickey. New plan is to cut tubing between 4760’ – 4800’ which will keep us within 100’ of perforations and set CIBP above tubing cut. SDFN.</p> <p>8/18 – Rig in Hot Oiler and pump 25 bbls to roll well. Rig in wireline. Wireline down hole to cut tubing between 4760’ – 4800’. Down hole to 2000’ and tool started stacking out. Rigged in Hot Oiler and pumped down tubing at ½ bbl a minute to push cutting tool. At 4926 tool stacking out. Rigged down Hot Oiler. Wireline up to 4800’ and cut tubing. Wireline out of well and tool looks good. Rig down wireline. Rigged up and speared tubing. Pulled on tubing and at 60,000 lbs tubing did not release. Worked tubing and increased pull to 72,000 lbs and could not get tubing to release. Consulted with OWP Engineer Lead Mike Hickey. New plan to cut tubing at 4700’ and try again. Rig in wireline. Wireline down hole with cutting tool. Stacked out at 4800’ but possible anchor noted on pass at 4650’. Consulted with OWP Engineer Lead Mike Hickey and moved cut to 4630’. Wireline cut tubing at 4630’. Rig down wireline. Rig up and spear tubing. Tubing released at 36,000 lbs. Pull bad tubing joint and lay down. Back to normal operations. Trip out 43 stands to the derrick and lay the rest down. Rig in Hot Oiler and circulate well to clean up. Rig in wireline. Wireline down hole with gauge ring and basket to 4620’. Out of well for tool change. Wireline down hole to 4629 and set CIBP. Wireline out of well for tool change. Pressured well up to 275 psig for pressure test. Well down to 200 psig in 5 minutes. Made several attempts and well will not hold pressure. Will try again after CBL. Wireline down hole for CBL. Tagged plug at 4627’. TOC noted at 4120’. Wireline out of well for tool change. Wireline back into well with dump bailer. Set 2 sx on top of CIBP at 4627’. Wireline out of well and rigged down. SDFN.</p> <p>8/19 – Pressure test. Pressured well up to 350 psig dropped to 200 psig in 5 minutes. No leaks found at surface. Pressured up to 350 psig for recheck. Well will not hold pressure. Consulted with OWP Engineer Lead Mike Hickey. New plan is to set CIBP at 4150’ and recheck. Rig in wireline. Down hole to 4150’ and set CIBP. Wireline off well and rigged down. Pressure up well to 350 psig and well will still not hold pressure. Consulted with OWP Engineer Lead Mike Hickey. Determination made to get packer and try and locate hole. Packer tool arrives to location. Trip in tubing and packer and set packer at 1075’. Pressure up and find 1075’ below no good and 1075’ up good. Trip in tubing and reset packer at 2620’. Pressure up and find 2620’ down good and 2620’ up bad. Consulted with OWP Engineer Lead Mike Hickey. New plan will be to perforate at 2600’ and set retainer at 2500’. Pump 32 sx with 25 sx through and 7 sx on top. Set CIBP at 1050 and pump 25 sx on top.</p>		

Trip tubing and packer out of well. Rig in wireline. Down hole with dump bailer and set 2 sx on top of CIBP at 4150. Wireline off well for tool change. Back on well and perforate at 2600'. Wireline out of well for tool change. Wireline back into well and set cement retainer at 2500'. Wireline out of well and rigged down. Trip in tubing with stinger and sting into retainer at 2500'. Mix and pump 25 sx through and sting out. Place 7 sx on top of retainer. Trip out tubing placing 17 stands in the derrick and laying the rest down. Rig in wireline. Wireline down hole and set CIBP at 1050'. Wireline out of well and rigged down. Trip in tubing with end of tubing at 1047'. Rig in cement equipment. Mix and pump 27 sx cement plug on top of CIBP. Rig down cement equipment. Trip tubing out of well with 7 stands to the derrick and laying the rest down. SDFN.

8/20 – Raise rig floor and nipple down. Remove BOP and hand dig around casing. Rig in wireline. Wireline down hole and cut casing at 502'. Wireline off well and rigged down. Rig up to pull casing. Casing released at 60,000 lbs. Rig floor down and pulling casing out of well. Pull 13 joints and shot joint. Trip in 17 joints to 544'. Dig hole around wellhead. Rig in cement equipment. Mix and pump 130 sxs to the surface. Trip out and lay down tubing. Rig down and lay down rig. Move rig out and pick up balance beam. Excavate around casing and cut casing off 6' below grade. Top off cement with 6 sx to surface and weld on marker plate. Casing GPS 39.98136/-140.85412. Backfill excavation and cleanup site.

Plugging and abandonment task is completed.

Attached Documents

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

Document Num	Description	URL
698600138	Well plugging operations.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4927075