

**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:
11/08/2016
Submitted Date:
11/08/2016
Document Number:
680703141

FIELD INSPECTION FORM

Loc ID 441369 Inspector Name: Peterson, Tom 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: 10110
Name of Operator: GREAT WESTERN OPERATING COMPANY LLC
Address: 1801 BROADWAY #500
City: DENVER State: CO Zip: 80202

Findings:
26 Number of Comments
0 Number of Corrective Actions
 Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Donato, Scot		sdonato@gwogco.com	
Musgrave, Tim	(970)768-6097	tmusgrave@gwogco.com	
Burn, Diana		diana.burn@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
441361	WELL	XX	03/31/2015	LO	123-41359	Chandler Farms HD 20-332HC	ND
441362	WELL	PR	08/01/2016	LO	123-41360	Chandler Farms HD 20-212HN	PR
441363	WELL	XX	03/31/2015	LO	123-41361	Chandler Farms HD 20-349HN	ND
441364	WELL	XX	03/31/2015	LO	123-41362	Chandler Farms HD 20-269HN	ND
441365	WELL	XX	03/31/2015	LO	123-41363	Chandler Farms HD 20-389HN	ND
441366	WELL	PR	08/01/2016	LO	123-41364	Chandler Farms HD 20-229HC	PR
441367	WELL	PR	08/01/2016	LO	123-41365	Chandler Farms HD 20-229HN	PR
441368	WELL	XX	03/31/2015	LO	123-41366	Chandler Farms HD 20-332HN	ND
441370	WELL	XX	03/31/2015	LO	123-41367	Chandler Farms HD 20-372HC	ND
441371	WELL	XX	03/31/2015	LO	123-41368	Chandler Farms HD 20-372HN	ND
441372	WELL	PR	08/01/2016	LO	123-41369	Chandler Farms HD 20-252HN	PR
441382	WELL	XX	03/31/2015	LO	123-41374	Chandler Farms HD 20-292HN	ND
441386	WELL	XX	03/31/2015	LO	123-41375	Chandler Farms HD 20-269HC	ND

General Comment:

Location

Overall Good:

Signs/Marker:			
Type	CONTAINERS		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	x 4		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
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: Horizontal Heated Separator	# 4		
Comment:	N40.29197 W-104.93109		
Corrective Action:		Date:	
Type: Pig Station	# 1		
Comment:	N40.29195 W-104.93195		
Corrective Action:		Date:	
Type: VRU	# 1		
Comment:	N40.29203 W-104.93172		
Corrective Action:		Date:	
Type: Bird Protectors	# 13		

Comment:			
Corrective Action:		Date:	
Type: Vertical Separator	# 2		
Comment:	N40.29206 W-104.93177		
Corrective Action:		Date:	
Type: Compressor	# 1		
Comment:	N40.29197 W-104.93176		
Corrective Action:		Date:	
Type: Plunger Lift	# 4		
Comment:			
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 3		
Comment:	N40.29197 W-104.93109		
Corrective Action:		Date:	
Type: VRT	# 2		
Comment:	N40.29214 W-104.93048		
Corrective Action:		Date:	
Type: Ancillary equipment	# 5		
Comment:	Automation array, methanol system and three ECD scrubbers.		
Corrective Action:		Date:	
Type: Gas Meter Run	# 6		
Comment:	Master meter run, four producer separator check meters and one producer VRU check meter.		
Corrective Action:		Date:	
Type: Emission Control Device	# 6		
Comment:	N40.29201 W-104.93121		
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tanak ID	SE GPS
PRODUCED WATER	1	OTHER	PBV FIBERGLASS		40.290230,-104.930500
Comment:	150 bbls				
Corrective Action:				Date:	

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Comment:							
Corrective Action:						Date:	
Contents	#	Capacity	Type	Tanak ID	SE GPS		
LUBE OIL	1	OTHER	STEEL AST		40.292040,-104.931820		
Comment: 500 gallon							
Corrective Action:						Date:	
<u>Paint</u>							
Condition	Adequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance			
Other	Adequate	Walls Sufficent	Base Sufficent	Adequate			
Comment: Plastic stock tank							
Corrective Action:						Date:	
Contents	#	Capacity	Type	Tanak ID	SE GPS		
PRODUCED WATER	3	OTHER	FIBERGLASS AST		40.290230,-104.930500		
Comment: 533 bbls							
Corrective Action:						Date:	
<u>Paint</u>							
Condition	Adequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance			
Metal	Adequate	Walls Sufficent	Base Sufficent	Adequate			
Comment:							
Corrective Action:						Date:	
Contents	#	Capacity	Type	Tanak ID	SE GPS		
CRUDE OIL	12	OTHER	STEEL AST		40.292030,-104.930500		
Comment: 533 bbls							
Corrective Action:						Date:	
<u>Paint</u>							
Condition	Adequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							

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

Venting:

Yes/No	NO		
Comment:			
Corrective Action:			Date:

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities				
Facility ID:	<u>441361</u>	Type:	<u>WELL</u>	API Number: <u>123-41359</u> Status: <u>XX</u> Insp. Status: <u>ND</u>
Facility ID:	<u>441362</u>	Type:	<u>WELL</u>	API Number: <u>123-41360</u> Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well				
Comment:	<u>PR</u>			Date:
Corrective Action:				Date:
BradenHead				
Comment:	<u>Bradenhead is exposed at surface.</u>			Date:
Corrective Action:				Date:
Facility ID:	<u>441363</u>	Type:	<u>WELL</u>	API Number: <u>123-41361</u> Status: <u>XX</u> Insp. Status: <u>ND</u>
Facility ID:	<u>441364</u>	Type:	<u>WELL</u>	API Number: <u>123-41362</u> Status: <u>XX</u> Insp. Status: <u>ND</u>
Facility ID:	<u>441365</u>	Type:	<u>WELL</u>	API Number: <u>123-41363</u> Status: <u>XX</u> Insp. Status: <u>ND</u>
Facility ID:	<u>441366</u>	Type:	<u>WELL</u>	API Number: <u>123-41364</u> Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well				
Comment:	<u>PR</u>			Date:
Corrective Action:				Date:
BradenHead				
Comment:	<u>Bradenhead is exposed at surface.</u>			Date:
Corrective Action:				Date:
Facility ID:	<u>441367</u>	Type:	<u>WELL</u>	API Number: <u>123-41365</u> Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well				
Comment:	<u>PR</u>			Date:
Corrective Action:				Date:
BradenHead				
Comment:	<u>Bradenhead is exposed at surface.</u>			Date:
Corrective Action:				Date:
Facility ID:	<u>441368</u>	Type:	<u>WELL</u>	API Number: <u>123-41366</u> Status: <u>XX</u> Insp. Status: <u>ND</u>
Facility ID:	<u>441370</u>	Type:	<u>WELL</u>	API Number: <u>123-41367</u> Status: <u>XX</u> Insp. Status: <u>ND</u>
Facility ID:	<u>441371</u>	Type:	<u>WELL</u>	API Number: <u>123-41368</u> Status: <u>XX</u> Insp. Status: <u>ND</u>

Facility ID: 441372 Type: WELL API Number: 123-41369 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action:

Date:

BradenHead

Comment: Bradenhead is exposed at surface.

Corrective Action:

Date: _____

Facility ID: 441382 Type: WELL API Number: 123-41374 Status: XX Insp. Status: ND

Facility ID: 441386 Type: WELL API Number: 123-41375 Status: XX Insp. Status: ND

Environmental

Spill/Remediation:

Comment:

Corrective Action: Date:

Emission Control Burner (ECB): YES

Comment:

Pilot: ON Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: IRRIGATED

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? 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 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: _____ Date Final Reclamation Completed: _____

Final Land Use: IRRIGATED _____

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	Self Inspection	Pass	
Comment: <input type="text"/> Corrective Action: <input type="text"/>						Date: _____
Pits: <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT						

COGCC Comments		
Comment	User	Date
Directional drilling housing units, fresh water tanks and conex units are currently being moved onto location.	petersont	11/08/2016