FORM INSP Rev 05/11

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

DE	ET	OE	ES

Inspection Date: 07/31/2014

Document Number: 674700157

Overall Inspection: SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	335887	335887	LONGWORTH, MIKE	☐	

Operator Information:

OGCC Operator Number: 10091

Name of Operator: BERRY PETROLEUM COMPANY LLC

Address: 1999 BROADWAY STE 3700

City: DENVER State: CO Zip: 80202

☐ THIS IS A FOLLOW UP INSPECTION
☐ FOLLOW UP INSPECTION REQUIRED
☒ NO FOLLOW UP INSPECTION REQUIRED
☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
White, Brent		bkw@bry.com	Production Foreman
Burns, Bryan		bob@bry.com	
Johnson, Derek	970-285-2200	DSJ@Bry.com	
Kellerby, Shaun		shaun.kellerby@state.co.us	

Compliance Summary:

QtrQtr: Lot 11 Sec: 6 Twp: 6S Range: 96W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
09/05/2013	663902135			SATISFACTORY	F		No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
293734	WELL	XX	04/23/2013	LO	045-15123	CHEVRON 6-22D	ND	☒
294164	WELL	XX	04/23/2013	LO	045-15289	CHEVRON 6-37D	ND	☒
294165	WELL	XX	04/23/2013	LO	045-15290	CHEVRON 6-38D	ND	☒
294166	WELL	XX	04/23/2013	LO	045-15291	CHEVRON 6-35D	ND	☒
294168	WELL	XX	04/23/2013	LO	045-15292	CHEVRON 6-36D	ND	☒
294169	WELL	XX	04/23/2013	LO	045-15293	CHEVRON 6-19D	ND	☒
294170	WELL	XX	04/23/2013	LO	045-15294	CHEVRON 6-23D	ND	☒
294171	WELL	XX	04/23/2013	LO	045-15295	CHEVRON 6-20D	ND	☒
298504	WELL	XX	04/23/2013	LO	045-17231	CHEVRON 6-32D	ND	☒
298505	WELL	XX	04/23/2013	LO	045-17232	CHEVRON 6-21D	ND	☒
298506	WELL	PR	01/13/2012	GW	045-17233	CHEVRON 6-25D	PR	☒
298507	WELL	XX	04/23/2013	LO	045-17234	CHEVRON 6-34D	ND	☒
298508	WELL	XX	04/23/2013	LO	045-17235	CHEVRON 6-33D	ND	☒

Inspector Name: LONGWORTH, MIKE

423847	PIT	AC	07/28/2011		-	CHEVRON F-06	AC

Equipment: Location Inventory

Special Purpose Pits:		Drilling Pits:		Wells:	13	Production Pits:	
Condensate Tanks:	7	Water Tanks:		Separators:	4	Electric Motors:	
Gas or Diesel Mortors:		Cavity Pumps:		LACT Unit:		Pump Jacks:	
Electric Generators:		Gas Pipeline:	1	Oil Pipeline:		Water Pipeline:	1
Gas Compressors:		VOC Combustor:		Oil Tanks:		Dehydrator Units:	
Multi-Well Pits:		Pigging Station:		Flare:		Fuel Tanks:	

Location

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	SATISFACTORY			
CONTAINERS	SATISFACTORY			
WELLHEAD	SATISFACTORY			
BATTERY	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date:

Comment:

Corrective Action:

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
LOCATION	SATISFACTORY			

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Ancillary equipment	2	SATISFACTORY	Chemical containers		
Horizontal Heated Separator	1	SATISFACTORY			
Plunger Lift	1	SATISFACTORY			
Bird Protectors	3	SATISFACTORY			

Inspector Name: LONGWORTH, MIKE

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	100 BBLS	PBV STEEL	,

S/A/V:	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	300 BBLS	HEATED STEEL AST	,

S/A/V:	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

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

Corrective Action		Corrective Date	
Comment			

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 335887

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	Any pit constructed to hold fluids (reserve pit, production pit, frac pit; except for flare pit, if built) must be lined.	12/29/2010
OGLA	kubeczkod	Since the operator will be running up to 10 percent (by volume) diesel oil in the water based drilling mud as a shale stabilization and friction reduction additive while drilling the production hole interval, any pit constructed to hold fluids must be permitted, and approved, prior to construction and use (a Form 15 [Earthen Pit Report/Permit] will need to be submitted). Additional COAs may be attached to the Form 15.	12/29/2010
OGLA	kubeczkod	The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.	12/29/2010
OGLA	kubeczkod	Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.	12/29/2010
OGLA	kubeczkod	No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.	12/29/2010
OGLA	kubeczkod	Notice to Operators (NTO) Drilling Wells on the Roan Plateau in Garfield County: Operator must comply with all provisions of the June 12, 2008 Notice to Operators (NTO) Drilling Wells Within ¾ Mile of the Rim of the Roan Plateau in Garfield County – Pit Design, Construction, and Monitoring Requirements. At a minimum, the following condition of approval (COA) will apply: COA 6 - All pits must be lined.	12/29/2010
OGLA	kubeczkod	Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)). Under unforeseen upset conditions during flowback operations, operator may discharge flowback fluids directly into the pit, as needed (notice of intent to directly discharge into the pit must be sent to Dave Kubeczko; email dave.kubeczko@state.co.us).	12/29/2010
OGLA	kubeczkod	Berms or other containment devices shall be constructed in compliance with Rule 603.e.(12) around crude oil, condensate, and produced water storage tanks.	12/29/2010
OGLA	kubeczkod	The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval.	12/29/2010

OGLA	kubeczkod	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.	12/29/2010
OGLA	kubeczkod	Notify COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) 48 hours prior to start of construction.	12/29/2010

S/A/V: **Comment:**

CA: **Date:**

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	The following list of Best Managenment Practices (BMP's) that will be implemented by Berry Petroleum Company during the pad construction, well drilling, well completion, natural gas production and reclamation phases of activity on the Chevron F06 696 well Pad. A total of 12 wells will be directionally drilled from the F06 well pad. Directional drilling has enabled Berry Petroleum Company to reduce the number of well pads required for gas recovery and will minimize surface damage. The F06 well pad will be constructed adjacent to an existing road. This eliminates the need to construct an additional road for access and avoids additional surface disturbance. In general, Berry Petroleum Company will comply with all applicable federal, state and local statues, rules, regulations and ordinances, including those of OSHA, the COGCC and the CDPHE. Relating to safety and the environment. During construction of the well pad, topsoil will be isolated from other soils and placed and stacked per COGCC requirements. All cuts, fill slopes, pits and topsoil piles will be stabilized and revegetated immediately following construction. The pad will be constructed in compliance with CDPHE Stormwater Discharge regulations. Bear proof dumpsters/trash cans will be used on the location for solid/food waste disposal. Noxious weeds will be controlled. Temporary housing for the drill rig crews will meet all Garfield County regulations. The housing quarters will receive 24/7 supervision by Berry Petroleum Company. Production tanks shall be placed on a non-permeable liner and surrounded by a metal containment wall at least 3 feet in height.

S/A/V: **Comment:**

CA: **Date:**

Stormwater:

Comment:

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: Address:

Phone Number: Cell Phone:

Operator Rep. Contact Information:

Landman Name: Phone Number:

Date Onsite Request Received: Date of Rule 306 Consultation:

Request LGD Attendance:

LGD Contact Information:

Inspector Name: LONGWORTH, MIKE

Name: Phone Number: Agreed to Attend:

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID:	293734	Type:	WELL	API Number:	045-15123	Status:	XX	Insp. Status:	ND
Facility ID:	294164	Type:	WELL	API Number:	045-15289	Status:	XX	Insp. Status:	ND
Facility ID:	294165	Type:	WELL	API Number:	045-15290	Status:	XX	Insp. Status:	ND
Facility ID:	294166	Type:	WELL	API Number:	045-15291	Status:	XX	Insp. Status:	ND
Facility ID:	294168	Type:	WELL	API Number:	045-15292	Status:	XX	Insp. Status:	ND
Facility ID:	294169	Type:	WELL	API Number:	045-15293	Status:	XX	Insp. Status:	ND
Facility ID:	294170	Type:	WELL	API Number:	045-15294	Status:	XX	Insp. Status:	ND
Facility ID:	294171	Type:	WELL	API Number:	045-15295	Status:	XX	Insp. Status:	ND
Facility ID:	298504	Type:	WELL	API Number:	045-17231	Status:	XX	Insp. Status:	ND
Facility ID:	298505	Type:	WELL	API Number:	045-17232	Status:	XX	Insp. Status:	ND
Facility ID:	298506	Type:	WELL	API Number:	045-17233	Status:	PR	Insp. Status:	PR

Producing Well

Comment: Producing well

Facility ID:	298507	Type:	WELL	API Number:	045-17234	Status:	XX	Insp. Status:	ND
Facility ID:	298508	Type:	WELL	API Number:	045-17235	Status:	XX	Insp. Status:	ND

Environmental

Spills/Releases:

Type of Spill: Description: Estimated Spill Volume:

Comment:

Corrective Action: Date:

Reportable: GPS: Lat Long

Proximity to Surface Water: Depth to Ground Water:

Water Well:

Inspector Name: LONGWORTH, MIKE

Lat Long

DWR Receipt Num: Owner Name: GPS :

Field Parameters:

Sample Location:

Emission Control Burner (ECB):

Comment:

Pilot: Wildlife Protection Devices (fired vessels):

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: Date Interim Reclamation Completed:

Land Use: RANGELAND

Comment:

1003a. Debris removed? CM

CA CA Date

Waste Material Onsite? CM

CA CA Date

Unused or unneeded equipment onsite? CM

CA CA Date

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

CA CA Date

Guy line anchors removed? CM

CA CA Date

Guy line anchors marked? CM

CA CA 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

1003 f. Weeds Noxious weeds?

Comment:

Overall Interim Reclamation

Inspector Name: LONGWORTH, MIKE

Final Reclamation/ Abandoned Location:

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

Final Land Use: RANGELAND

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 _____

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
Seeding	Pass	Gravel	Pass			
Ditches	Pass	Culverts	Pass			
Gravel	Pass	Ditches	Pass			
Compaction	Pass	Compaction	Pass			
Berms	Pass	Check Dams	Pass	MHSP	Pass	

S/A/V: SATISFACTORY Corrective Date: _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT

Permit:

Facility ID	Permit Num	Expiration Date
423847	1642037	