

Inspector Name: MONTOYA, JOHN

**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



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Inspection Date:

07/01/2013

Document Number:

670501379

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>430259</u>	<u>421165</u>	<u>MONTOYA, JOHN</u>	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 8960 Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANY LLCAddress: 410 17TH STREET SUITE #1400City: DENVERState: COZip: 80202**Contact Information:**

Contact Name	Phone	Email	Comment
Jones, Alan	661-444-0999	jaj@bonanzacrk.com	

**Compliance Summary:**QtrQtr: NENE Sec: 31 Twp: 5N Range: 62W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
421168	WELL	PR	11/11/2011	GW	123-32833	Antelope 41-31	<input checked="" type="checkbox"/>
421330	WELL	PR	08/19/2011	GW	123-32888	Antelope 31-31	<input checked="" type="checkbox"/>
430259	WELL	PR	01/03/2013		123-36105	Antelope 41-44-31HZ	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: <u>        </u>	Drilling Pits: <u>1</u>	Wells: <u>3</u>	Production Pits: <u>        </u>
Condensate Tanks: <u>4</u>	Water Tanks: <u>2</u>	Separators: <u>1</u>	Electric Motors: <u>1</u>
Gas or Diesel Motors: <u>1</u>	Cavity Pumps: <u>        </u>	LACT Unit: <u>        </u>	Pump Jacks: <u>1</u>
Electric Generators: <u>1</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>        </u>	Water Pipeline: <u>        </u>
Gas Compressors: <u>        </u>	VOC Combustor: <u>1</u>	Oil Tanks: <u>3</u>	Dehydrator Units: <u>        </u>
Multi-Well Pits: <u>        </u>	Pigging Station: <u>        </u>	Flare: <u>        </u>	Fuel Tanks: <u>        </u>

**Location**

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
CONTAINERS	Satisfactory			
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			

Emergency Contact Number: (S/U/V) SatisfactoryCorrective Date:         Comment:

Inspector Name: MONTOYA, JOHN

Corrective Action:

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Gas Meter Run	1	Satisfactory			
Bird Protectors	2	Satisfactory			
Ancillary equipment	4	Satisfactory	storage tanks for compreesor oil glycol and 1 chemical pump		
Horizontal Heated Separator	1	Satisfactory			
Emission Control Device	1	Satisfactory			
Plunger Lift	1	Satisfactory			

**Facilities:**☐ New Tank

Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	<100 BBLs	CONCRETE SUMP/VAULT	,

S/U/V: \_\_\_\_\_ Comment: 3 wells go to this battery 31-31, 41-31, and 41-44 31-HZ

Corrective Action:

Corrective Date:

**Paint**

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

**Berms**

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

Corrective Action

Corrective Date

Comment

<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	2	300 BBLS	STEEL AST	,	
S/U/V:			Comment:		
Corrective Action:				Corrective 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 Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	6	400 BBLS	STEEL AST	40.214540, -104.215660	
S/U/V:			Comment:		
Corrective Action:				Corrective 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 Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
<b>Venting:</b>					
Yes/No	Comment				
NO					
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Ignitor/Combustor	Satisfactory				
<b><u>Predrill</u></b>					
Location ID: 421165					
<b>Site Preparation:</b>					
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____	
Corrective Action: _____		Date: _____		CDP Num.: _____	

**Form 2A COAs:****Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Interim Reclamation	<p>Bonanza will immediately reclaim the disturbed area that lies outside of the planned 360'*360' drilling pad as follows:</p> <ul style="list-style-type: none"> <li>o Mechanically lower gradient of well pad's steep shoulders and smooth out disturbed eroded soil</li> <li>o Spread by manure slinger and tractor, a dairy cow bedding which is a combination of long stem straw and manure. This combination dilutes the concentration of nitrogen which is detrimental to native grass germination growth while enhancing opportunistic weed populations. Manure acts as a binder and shades the soil for moisture retention and from wind abrasion. Application level .25-.5 inch thick where possible to form a mat over exposed soil.</li> <li>o Drill seed over the top of the bedding. This allows seed to be placed at a proper depth for small native seed to germinate (have moisture and nutrients to grow) under the adverse conditions found on well sites. The seed planted is a combination of approximately 12-15 pounds per acre of small grain-oats a cool season annual which will grow in the fall, provide stubble to protect the soil and native plants against spring winds. Along with the oats 14-18 pounds per acre of native grass (Sharp Bros. 70 Ranch Sandy Soil Mix requested by ranch manager and owner).</li> <li>o Irrigate using water applied by an agricultural reel gun. Water will be applied as long as possible (cold weather, winds, seed germination, natural moisture, etc influencing decisions).</li> <li>o The reclamation area will be fenced off to prohibit disturbance by construction or wildlife/cattle.</li> <li>• Following completion and flowback of the proposed new well, the same procedures will be used to perform interim reclamation within the 360' * 360' pad, with the exception of the production facility, area immediately surrounding the wellheads, and road. The size of location following interim reclamation will be 1.5 acres.</li> <li>• Mowing, re-seeding, and watering will be conducted on an as-needed basis and as seasonally appropriate, until interim reclamation has been successfully achieved.</li> </ul>

**Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

**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:

Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Agreed to Attend: \_\_\_\_\_

Inspector Name: MONTOYA, JOHN

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Facility**

Facility ID: 421168 Type: WELL API Number: 123-32833 Status: PR Insp. Status: PR

**Producing Well**

Comment: pr

Facility ID: 421330 Type: WELL API Number: 123-32888 Status: PR Insp. Status: PR

**Producing Well**

Comment: pr

Facility ID: 430259 Type: WELL API Number: 123-36105 Status: PR Insp. Status: PR

**Producing Well**

Comment: pr

**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:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**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? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? Pass Production areas stabilized ? Pass  
 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? In  
 Production areas have been stabilized? Pass Segregated soils have been replaced? Pass

**RESTORATION AND REVEGETATION**Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced Pass Recontoured Pass 80% Revegetation Pass

1003 f. Weeds Noxious weeds? P

Comment: \_\_\_\_\_

Overall Interim Reclamation Pass

**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 \_\_\_\_\_

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Overall Final Reclamation		Multi-Well Location <input type="checkbox"/>				
<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
S/U/V: _____ Corrective Date: _____						
Comment: _____						
CA: _____						