

Inspector Name: QUINT, CRAIG

**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
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Inspection Date:

04/24/2013

Document Number:

668600676

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>429988</u>	<u>429989</u>	<u>QUINT, CRAIG</u>	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10410 Name of Operator: KIRKPATRICK OIL COMPANY INCAddress: 1001 W WILSHIRE BLVD #202City: OKLAHOMA CITY State: OK Zip: 73116**Contact Information:**

Contact Name	Phone	Email	Comment
BLEVINS, BOB	(405) 767-3627	bblevins@kirkpatrickoil.com	Drilling & Completion Manager

Compliance Summary:QtrQtr: NENE Sec: 19 Twp: 11S Range: 44W**Inspector Comment:**

LOCATION SHOWS NO SIGN OF ANY GROUND DISTURBANCE, STAKE IS IN PLACE. WATER PIT AND WATER WELL ABOUT 100 YARDS WEST OF LOCATION.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
429988	WELL	XX	08/20/2012	LO	063-06346	B&B Farms 1-19H	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

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

LocationEmergency Contact Number: (S/U/V)Corrective Date: Comment: Corrective Action: **Spills:**

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

Yes/No	Comment

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 429989

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	koepsear	<p>•Prior to drilling, operator shall sample two wells, springs, or surface water features within a one (1) mile radius of the proposed oil and gas location. Testing preference shall be given to water wells and springs over surface water. The sample location shall be surveyed in accordance with Rule 215.</p> <p>Initial baseline testing shall include laboratory analysis of pH, total dissolved solids (TDS), specific conductivity (SC), sodium adsorption ratio (SAR) calculation, calcium (Ca), potassium (K), magnesium (Mg), sodium (Na), arsenic (As), boron (B), barium (Ba), cadmium (Cd), chromium (Cr), copper (Cu), iron (Fe), manganese (Mn), lead (Pb), selenium (Se). All metals analyzed for total recoverable; bromide (Br), chloride (Cl), fluoride (F), sulfate (SO₄), alkalinity (total, HCO₃, and CO₃ – all expressed as CaCO₃), benzene, toluene, ethyl benzene, o-xylene, m- + p-xylene (BTEX), dissolved methane, diesel range organics (DRO), gasoline range organics (GRO). Sampling shall be performed by qualified individuals using methods consistent with commonly accepted environmental sampling procedures. Field observations such as pH, temperature, specific conductance, odor, water color, sediment, bubbles, and effervescence shall also be included.</p> <p>Post completion testing shall be performed for the same analytical parameters listed above and repeated one (1), three (3) and six (6) years after completion of the well.</p> <p>If free gas or a dissolved methane concentration level greater than one (1) milligrams per liter (mg/l) is detected in a water well, gas compositional analysis and stable isotope analysis of the methane (carbon and deuterium) shall be performed to determine gas type (biogenic or thermogenic). If the methane concentration increases by more than five (5) mg/l between sampling periods, or increases to more than ten (10) mg/l, the operator shall notify the Director and the owner of the water well immediately. If thermogenic methane concentrations increase between sampling periods, the operator shall submit to the Director an action plan to determine the source of the increase.</p> <p>Copies of all test results described above shall be provided to the Director and the landowner where the water quality testing well is located within three (3) months of collecting the samples used for the test. The analytical data and surveyed sample locations shall also be submitted to the Director in an electronic data deliverable format approved by Director.</p>	08/08/2012
OGLA	koepsear	Provide notice to COGCC 48-hours prior to commencement of construction activities via form 42.	08/08/2012
OGLA	koepsear	Provide notice to COGCC 48-hours prior to commencement of Hydraulic Fracturing activities via form 42.	08/08/2012
OGLA	koepsear	Flowback and stimulation fluids must be sent to tanks. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional down gradient perimeter berming sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)). Tanks used for flowback must be equipped with emission reducing devices during flowback.	08/08/2012

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Comment: <input style="width: 80%;" type="text"/>			
CA: <input style="width: 60%;" type="text"/>		Date: <input style="width: 30%;" type="text"/>	
Wildlife BMPs:			
Comment: <input style="width: 90%;" type="text"/>			
CA: <input style="width: 60%;" type="text"/>		Date: <input style="width: 30%;" type="text"/>	
Stormwater:			
Erosion BMPs	Present	Other BMPs	Present
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Corrective Action: <input style="width: 70%;" type="text"/>		Date: <input style="width: 30%;" type="text"/>	
Comments: Erosion BMPs: <input style="width: 90%;" type="text"/>			
Other BMPs: <input style="width: 90%;" type="text"/>			
Comment: <input style="width: 90%;" type="text"/>			
Staking:			
On Site Inspection (305):			
<u>Surface Owner Contact Information:</u>			
Name: <input style="width: 80%;" type="text"/>		Address: <input style="width: 90%;" type="text"/>	
Phone Number: <input style="width: 80%;" type="text"/>		Cell Phone: <input style="width: 80%;" type="text"/>	
<u>Operator Rep. Contact Information:</u>			
Landman Name: <input style="width: 80%;" type="text"/>		Phone Number: <input style="width: 80%;" type="text"/>	
Date Onsite Request Received: <input style="width: 80%;" type="text"/>		Date of Rule 306 Consultation: <input style="width: 80%;" type="text"/>	
Request LGD Attendance: <input style="width: 80%;" type="text"/>			
<u>LGD Contact Information:</u>			
Name: <input style="width: 80%;" type="text"/>		Phone Number: <input style="width: 80%;" type="text"/>	
		Agreed to Attend: <input style="width: 80%;" type="text"/>	
<u>Summary of Landowner Issues:</u>			
<input style="width: 90%;" type="text"/>			
<u>Summary of Operator Response to Landowner Issues:</u>			
<input style="width: 90%;" type="text"/>			
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>			
<input style="width: 90%;" type="text"/>			

Facility

Facility ID: <u>429988</u>	Type: <u>WELL</u>	API Number: <u>063-06346</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
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Environmental

Spills/Releases:

Type of Spill: <input style="width: 20%;" type="text"/>	Description: <input style="width: 40%;" type="text"/>	Estimated Spill Volume: <input style="width: 40%;" type="text"/>
Comment: <input style="width: 90%;" type="text"/>		
Corrective Action: <input style="width: 70%;" type="text"/>		Date: <input style="width: 30%;" type="text"/>
Reportable: <input style="width: 30%;" type="text"/>	GPS: Lat <input style="width: 20%;" type="text"/>	Long <input style="width: 20%;" type="text"/>
Proximity to Surface Water: <input style="width: 30%;" type="text"/>	Depth to Ground Water: <input style="width: 40%;" type="text"/>	

Water Well:

DWR Receipt Num: <input style="width: 20%;" type="text"/>	Owner Name: <input style="width: 30%;" type="text"/>	GPS : <input style="width: 20%;" type="text"/>	Lat <input style="width: 20%;" type="text"/>	Long <input style="width: 20%;" type="text"/>
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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: IRRIGATED

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 _____

Final Reclamation/ Abandoned Location:

Inspector Name: QUINT, CRAIG

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 _____

Comment: _____

Corrective Action: _____

Date _____

Overall Final Reclamation

Multi-Well Location ☐

Storm Water:

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: _____

Pits:

Pit Type: Water Fresh Lined: YES Pit ID: _____ Lat: 39.086330 Long: -102.375820

Lining:

Liner Type: Plastic Liner Condition: Adequate

Comment: PIT IS LOCATED 100 YARDS WEST OF LOCATION, WATER WELL IS IN NE CORNER BY PIT @ 39.08758, -

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: _____ 2+ feet Freeboard: _____

Pit (S/U/V): Satisfactory Comment: _____

Corrective Action: _____

Date: _____