

**FORM
INSP**Rev
05/11**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
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Inspection Date:

03/22/2012

Document Number:

668500004

Overall Inspection:

Violation**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: Baroumand, Soraya
	272642	335428		

Operator Information:OGCC Operator Number: 100185 Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: DENVERState: COZip: 80202-**Contact Information:**

Contact Name	Phone	Email	Comment
Friesen, Kathy	(970) 285-2665	Kathy.Friesen@encana.com	Environmental Lead Piceance

Compliance Summary:QtrQtr: NESW Sec: 28 Twp: 6S Range: 93W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/19/2011	200293102	DG	SI	S			N
02/01/2007	200107633	PR	PR	S	I	P	N

Inspector Comment:

Multi-well location known as as the K28NW Well Pad, (Location ID #335428). There is also one AL API 045-07940 tied to this pad but has an alteranate Location ID, which is #383167, GMR 28-15 (K28). Well#045-07940 has been "added" in the well section tab. Violation is from Exposed 6" metal cased borehole. Appears >100' deep but not certain of this. Unable to identify structure from available records. Provide information regarding structure: intended use, dimensions, depth, and proper plugging and abandonment. Refer to document#66850005 for K28NW well pad photos

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
54737	LEASE	PR	01/27/2005		-	GMU 28-14D (K2	
261246	WELL	TA	01/04/2011	GW	045-07933	GMR 28-7D (K28)	X
261247	WELL	AL	12/03/2004	LO	045-07934	BENJAMIN 28-10A (K28)	X
261248	WELL	SI	11/11/2010	GW	045-07935	BENJAMIN 28-11 (K 28)	X
261249	WELL	AL	12/03/2004	LO	045-07936	BENJAMIN 28-11A (K28)	X
261292	WELL	AL		LO	045-07940	GMR 28-15 (K28)	X
266771	LEASE	PR	02/27/2003		-	BENJAMIN 28-11 (K 2	
271756	LEASE	PR	02/27/2003		-	BENJAMIN 28-11 (K 2	
272642	WELL	PR	12/06/2011	GW	045-10106	GMU 28-14D (K28)	X
276007	LEASE	PR	01/27/2005		-	GMR 28-7D(K28)	
335428	LOCATION	AC	04/14/2009		-	Benjamin Federal 28-12B2 (K28NW)	
420498	WELL	XX	11/26/2010		045-20166	Benjamin Fee 28-11A (K28NW)	X
420499	WELL	XX	11/26/2010		045-20167	Benjamin Federal 28-14B1 (K28NW)	X

Inspector Name: Baroumand, Soraya

420503	WELL	PR	10/10/2011		045-20168	Benjamin Federal 28-13B2 (K28NW)	X
420508	WELL	XX	11/26/2010		045-20169	Benjamin Fee 28-6C (K28NW)	X
420512	WELL	XX	11/26/2010		045-20170	Benjamin Federal 28-12C1 (K28NW)	X
420515	WELL	PR	10/10/2011		045-20171	Benjamin Fee 33-1B (K28NW)	X
420516	WELL	XX	11/26/2010		045-20172	Benjamin Fee 28-9B (K28NW)	X
420520	WELL	PR	10/10/2011		045-20173	Benjamin Federal 28-13C1 (K28NW)	X
420521	WELL	PR	10/10/2011		045-20174	Benjamin Federal 28-14B2 (K28NW)	X
420527	WELL	XX	11/26/2010		045-20175	Benjamin Fee 28-16C (K28NW)	X
420528	WELL	XX	11/26/2010		045-20176	Benjamin Fee 28-15A (K28NW)	X
420530	WELL	XX	11/26/2010		045-20177	Benjamin Fee 28-10D2 (K28NW)	X
420533	WELL	PR	10/10/2011		045-20178	Benjamin Federal 28-13B1 (K28NW)	X
420535	WELL	PR	10/10/2011		045-20179	Benjamin Federal 28-13C2 (K28NW)	X
420538	WELL	PR	10/10/2011		045-20180	Benjamin Federal 28-14C (K28NW)	X
420543	WELL	XX	11/26/2010		045-20181	Benjamin Federal 28-12B2 (K28NW)	X
420552	WELL	PR	10/10/2011		045-20182	Benjamin Federal 33-4B (K28NW)	X
420564	WELL	XX	11/26/2010		045-20183	Benjamin Fee 28-11B (K28NW)	X
420584	WELL	PR	10/10/2011		045-20184	Benjamin Federal 28-12C2 (K28NW)	X
420944	WELL	PR	10/10/2011		045-20261	Benjamin Federal 33-3B (K28NW)	X

Equipment:Location Inventory

Special Purpose Pits: <u>1</u>	Drilling Pits: _____	Wells: <u>23</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: <u>23</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location**Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
OTHER	Satisfactory	Location & road intersection		
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:					
Type	Area	Volume	Corrective action	CA Date	
<input type="checkbox"/> Multiple Spills and Releases?					
Fencing/:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
LOCATION	Satisfactory	barbed-wire fencing			
Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Vertical Heated Separator	2	Unsatisfactory	2 5-unit separators. condensate surface staining noted outside of housing unit	repair/maintain separator housing	05/19/2012
Bird Protectors		Satisfactory			
Horizontal Heated Separator	2	Satisfactory	1 double & 1 single-unit horizontal separator		
LACT	1	Satisfactory			
Pig Station	1	Unsatisfactory	Stressed vegetation around pig trap, which is adjacent to an intermittent drainage	Install a drip pan for the pig trap	05/18/2012
Emission Control Device	1	Satisfactory			
Tanks/Berms: <input type="checkbox"/> New Tank Tank ID: _____					
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	8	500 BBLS	STEEL AST	,	
S/U/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 Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
Venting:					
Yes/No	Comment				

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335428

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczko	Location is in a sensitive area because of proximity to a domestic water well and shallow groundwater; therefore production pits (if constructed) must be lined.	09/20/2010
OGLA	kubeczko	Notify COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us; phone 970-309-2514) 48 hours prior to start of construction.	11/22/2010
OGLA	kubeczko	Location is in a sensitive area because of proximity to a domestic water well and shallow groundwater; therefore either a lined drilling pit or closed loop system must be implemented.	09/20/2010
OGLA	kubeczko	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.	09/20/2010
OGLA	kubeczko	Based on discussions at the EnCana/BLM Onsite (that took place on 10-14-10), the well pad configuration and possible size will likely change, as well as locations of tanks, separators, pipelines, etc.; therefore, operator must submit revised Location Drawing and Construction Layout Drawings via a Form 4 Sundry Notice to Dave Kubeczko for approval prior to starting construction of the well pad.	11/22/2010
OGLA	kubeczko	Location is in a sensitive area because of close proximity to surface water, therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.	09/20/2010
OGLA	kubeczko	Operator must implement best management practices to contain any unintentional release of fluids.	09/20/2010
OGLA	kubeczko	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.	09/20/2010

Wildlife BMPs:**Stormwater:****Comment:** _____**Staking:****On Site Inspection (305):**

Inspector Name: Baroumand, Soraya

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: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Well

Facility ID: 261246 API Number: 045-07933 Status: TA Insp. Status: PR

Facility ID: 261247 API Number: 045-07934 Status: AL Insp. Status: AL

Facility ID: 261248 API Number: 045-07935 Status: SI Insp. Status: PR

Facility ID: 261249 API Number: 045-07936 Status: AL Insp. Status: AL

Facility ID: 261292 API Number: 045-07940 Status: AL Insp. Status: UN

Facility ID: 272642 API Number: 045-10106 Status: PR Insp. Status: PR

Facility ID: 420498 API Number: 045-20166 Status: XX Insp. Status: ND

Facility ID: 420499 API Number: 045-20167 Status: XX Insp. Status: ND

Facility ID: 420503 API Number: 045-20168 Status: PR Insp. Status: PR

Facility ID: 420508 API Number: 045-20169 Status: XX Insp. Status: ND

Facility ID: 420512 API Number: 045-20170 Status: XX Insp. Status: ND

Facility ID: 420515 API Number: 045-20171 Status: PR Insp. Status: PR

Facility ID: 420516 API Number: 045-20172 Status: XX Insp. Status: ND

Facility ID: 420520 API Number: 045-20173 Status: PR Insp. Status: PR

Facility ID: 420521 API Number: 045-20174 Status: PR Insp. Status: PR

Facility ID: 420527 API Number: 045-20175 Status: XX Insp. Status: ND

Inspector Name: Baroumand, Soraya

Facility ID: 420528	API Number: 045-20176	Status: XX	Insp. Status: ND
Facility ID: 420530	API Number: 045-20177	Status: XX	Insp. Status: ND
Facility ID: 420533	API Number: 045-20178	Status: PR	Insp. Status: PR
Facility ID: 420535	API Number: 045-20179	Status: PR	Insp. Status: PR
Facility ID: 420538	API Number: 045-20180	Status: PR	Insp. Status: PR
Facility ID: 420543	API Number: 045-20181	Status: XX	Insp. Status: ND
Facility ID: 420552	API Number: 045-20182	Status: PR	Insp. Status: PR
Facility ID: 420564	API Number: 045-20183	Status: XX	Insp. Status: ND
Facility ID: 420584	API Number: 045-20184	Status: PR	Insp. Status: PR
Facility ID: 420944	API Number: 045-20261	Status: PR	Insp. Status: PR

Environmental

Spills/Releases:

Type of Spill: CONDENSATE Description: surface staining Estimated Spill Volume: 1

Comment: surficial condensate staining noted outside of separator. appears to be from a small valve outlet.

Corrective Action: maintain/repair separator Date: 05/18/2012

Reportable: NO 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:

Complaint:

Tracking Num	Category	Assigned To	Description	Incident Date
200317056	LIGHTING	KELLERBY, SHAUN	See email located under Noise description for lighting problem information.	08/04/2011
200317056	LAND USE CONFLICT	KELLERBY, SHAUN	See email located under Noise description for description of surface use issues.	08/04/2011
200317056	OPERATOR RELATIONS HIP	KELLERBY, SHAUN	See email located under Noise description for operator relationship description.	08/04/2011

200317056	NOISE	KELLERBY, SHAUN	<p>Linda,</p> <p>I would like to take this opportunity to share with you some of the frustration I am having with Encana. Recently Encana approached me with the desire to run a temporary water line down my property. I met with their land man and we negotiated a deal and came to an agreement in the form of a contract. The team assigned to the task was very interested in the improvement of the image that Encana has locally. We started out working together and I actually thought at that point that they were doing a good job in improving public relations. As they were completing some of the work that was associated with our agreement I met them and we discussed making a few modifications to the work that they had in place to which they agreed. A few days later I reviewed the work that they had done and frankly, they had made a mess of it. I reached out to them and was basically told "too bad" nothing we can do at this time. I had also requested that the lighting that they had installed for the frac operations was pointing at my home and as such could they please realign them to point at the pad. I was informed that they did the best they could. I will attach some photos. I can also forward you the emails I sent to David Grisso at Encana regarding these issues if you like. No realignment has taken place nor have any of the issues been addressed. You will note in the photos that the lights are clearly aligned right at my home, not at the pad where the work is taking place. The light pool of the night time shots will indicate that the lights only illuminate one small corner of the frac tanks and is pointing right at me on my deck.</p> <p>It had been my hope that the "new" Encana was going to step up and do the right thing. However, I have gotten very little response in terms of the issues and nothing has been done regarding the fugitive light. Thus, I am writing to you to see if you can help me to resolve these issues as the governing body of the gas industry.</p> <p>The major issues are as follows:</p> <ul style="list-style-type: none"> • One of the light plants at the pad is clearly pointing directly at my house which is approx. 1200 feet in elevation above the pad (photos attached) • At no time during the negotiations for the temporary water line was I informed that there would be someone stationed on my property 24/7 during the frac operations • The finishing touches on the work agreed to by Encana still needs to be completed • The lack of response to my concerns and issues indicates to me that there is no desire to address the issues • Noise is also an issue which I had not yet addressed with Encana. I am not sure what the standard for db levels at an industrial site is but typically these would be measured at the property line which is right next to the pad. If you could let me know what levels are acceptable I will get a db meter and see where they are because I am certain that they do not meet the residential requirements even a half mile away. Much louder than the drilling operations since t 	08/04/2011
200300559	PITS	SPRY OROURKE, LINDA	<p>Complaint relayed via phone message by Judy Jordan on 3/4/2011 at 3:26pm. Complainants Jim and Janice Zielinski reported Encana filling in an unlined pit on Grass Mesa. Judy reported that the complainant said (and Judy saw) there was an unlined pit (Judy could see a pit with liquid, but couldn't tell for sure if it was lined from vantage point on complainants property). Complainant was concerned that there could be contaminants from the pit that would reach the groundwater and surface water. Judy's message said she was going out to the site.</p>	03/07/2011

Inspector Name: Baroumand, Soraya

Emission Control Burner (ECB): Y

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: RANGELAND

Comment: Although location has several current permits to drill, interim reclamation consisting of surface preparation and seeding is needed in areas not reasonably needed, such as perimeter berms and slopes along fill grades, and eastern edge of cut slope.

1003a. Debris removed? Pass CM stockpiled for land spreading
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? Fail CM open steel casing. >40'
CA investigate unknown borehole and properly close CA Date 05/18/2012
Guy line anchors removed? Pass CM
CA CA Date
Guy line anchors marked? CM
CA CA Date

1003b. Area no longer in use? Fail Production areas stabilized? Pass

1003c. Compacted areas have been cross ripped?

1003d. Drilling pit closed? Subsidence over on drill pit?

Cuttings management: cuttings are inert & incorporated with saw dust. No pit. former closed-loop system

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? Fail

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? P

Comment: Although location has several current permits to drill, interim reclamation consisting of surface preparation and seeding is needed in areas not reasonably needed, such as perimeter berms and slopes along fill grades, and eastern edge of cut slope.

Overall Interim Reclamation Fail

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: Date Final Reclamation Completed:

Final Land Use: RANGELAND

Inspector Name: Baroumand, Soraya

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

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Pass					constructed berms around fill portions of pad
Ditches	Pass					Run-On-Diversion above cut slopes (south & east)
Other	Pass					barrier trench for stockpiled excess material
Waddles	Pass					

S/U/V: Satisfactory

Corrective Date:

Comment: "Excess Material" appears to be closed loop system drill cutting incorporated with sawdust & is inert. A small amount of snowmelt/stormwater and thaw from the ground observed in the southeast corner of cut slope but is stagnant, shallow, and confined to the cut slope corners. BMPs were adequate at time of inspection, but ensure that site conditions are frequently inspected and diversions, trenches, and barriers are maintained.

CA:

COGCC Comments

Comment	User	Date
Multi-well location known as as the K28NW Well Pad, (Location ID #335428). There is also one AL API 045-07940 tied to this pad but has an alteranate Location ID, which is #383167, GMR 28-15 (K28). Well#045-07940 has been "added" in the well section tab.	baroumas	04/04/2012
Violation is from Exposed 6" metal cased borehole. Appears >100' deep but not certain of this. Unable to identify structure from available records. Provide information regarding structure: intended use, dimensions, depth, and proper plugging and abandonment.		
Refer to document#66850005 for K28NW well pad photos		

Attached Documents

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

Document Num	Description	URL
668500005	K28NW well pad photos	http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2897083