

**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



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Inspection Date:

01/28/2012

Document Number:

663100020

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>421395</u>	<u>421390</u>		<u>ANDREWS, DAVID</u>

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
Robert Tate	281-840-5850	Robert.Tate@encana.com	
David Andrews	970-456-5262	David.Andrews@state.co.us	
Erasmio Parras	281-840-5850	Erasmio.Parras@encana.com	

Compliance Summary:QtrQtr: SENW Sec: 12 Twp: 7S Range: 92W**Inspector Comment:**

On location to witness surface casing cement job. Note on BOP's: Rams on stack ready, but not tested yet (still batch drilling surface holes). One more surface hole to drill before commencing production holes. Surface casing set at 1170' TMD (from KB/DF), 1139' TVD, cmt report shows 1149', centralizers every other jt. Cement plan: circ minimum 1 bottoms-up (max. 2 BU or until shakers clean); 20 bbl water spacer; 112 bbl Class G cement, 544 sx @ 15.8 ppg and 1.16 cf/sk, 86 bbl water displacement. Job generally went according to plan: held safety meeting; pressure test OK @ 500 psi low / 3000 psi high; 22 bbl water spacer; 112 bbl cmt @ 15.7 ppg to 15.9 ppg (checked with mud balance @ 15.8 ppg); dropped plug @ 134 total bbl; displaced with 88 bbl water; good circulation throughout job; 474 psi @ 2 bpm prior to bumping plug; bumped plug @ 222 total bbl and pressured up to 1252 psi for 5 min, no significant pressure drop (1244 psi before bleed off); floats held; 30 bbls cement to surface.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
421387	WELL	XX	01/31/2011		045-20385	TWIN CREEK 12-5A2 (F12E)	
421388	WELL	XX	01/31/2011		045-20386	TWIN CREEK 12-3D1 (F12E)	
421389	WELL	XX	01/31/2011		045-20387	TWIN CREEK 12-4D1 (F12E)	
421393	WELL	XX	01/31/2011		045-20388	TWIN CREEK 12-5D1 (F12E)	
421394	WELL	XX	01/31/2011		045-20389	TWIN CREEK 12-4A1 (F12E)	
421395	WELL	XX	01/31/2011		045-20390	TWIN CREEK 12-5A1 (F12E)	X
421396	WELL	XX	01/31/2011		045-20391	TWIN CREEK 12-6C1 (F12E)	
421397	WELL	XX	01/31/2011		045-20392	TWIN CREEK 12-3D2 (F12E)	
421398	WELL	XX	01/31/2011		045-20393	TWIN CREEK 12-6D1 (F12E)	
421400	WELL	XX	01/31/2011		045-20394	TWIN CREEK 12-6A1 (F12E)	

Equipment:Location Inventory

Inspector Name: ANDREWS, DAVID

Special Purpose Pits: <u>1</u>	Drilling Pits: <u> </u>	Wells: <u>10</u>	Production Pits: <u> </u>
Condensate Tanks: <u> </u>	Water Tanks: <u> </u>	Separators: <u>10</u>	Electric Motors: <u> </u>
Gas or Diesel Mortors: <u> </u>	Cavity Pumps: <u> </u>	LACT Unit: <u> </u>	Pump Jacks: <u> </u>
Electric Generators: <u> </u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u> </u>	Water Pipeline: <u>1</u>
Gas Compressors: <u> </u>	VOC Combustor: <u> </u>	Oil Tanks: <u> </u>	Dehydrator Units: <u> </u>
Multi-Well Pits: <u> </u>	Pigging Station: <u> </u>	Flare: <u> </u>	Fuel Tanks: <u> </u>

Location

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory	Ditches and stormwater BMP's look good along access road. Gate near county road at entrance to pad.		

Emergency Contact Number: (S/U/V) _____ Corrective Date:

Comment:

Corrective Action:

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

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
Vertical Separator	1	Satisfactory	Gas separator will be used for drill rig generators to reduce diesel usage (conversion not complete yet).		

Tanks/Berms:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
S/U/V:			Comment:	
Corrective Action:			Corrective Date:	
Paint				
Condition				
Other (Content)				
Other (Capacity)				
Other (Type)				
Berms				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth				Adequate
Corrective Action				Corrective Date
Comment	Site perimeter berms			
Venting:				
Yes/No	Comment			
Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 421390

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
Agency	kubeczkod	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.	06/16/2010
Agency	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.	06/16/2010
Agency	kubeczkod	Location is in a sensitive area because of proximity to a domestic water well; therefore either a lined drilling pit or closed loop system must be implemented.	06/16/2010

Agency	kubeczkod	Location is in a sensitive area because of proximity to a domestic water well; therefore production pits (if constructed) must be lined.	06/16/2010
Agency	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.	05/25/2010

Wildlife BMPs:**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:

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: 421395 API Number: 045-20390 Status: XX Insp. Status: DG

Well Drilling

Rig: Rig Name: Nabors M-15 Pusher/Rig Manager: Kenny Robbins
 Permit Posted: Satisfactory Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram: YES Blind Ram: YES Hydril Type: _____
 Pressure Test BOP: _____ Test Pressure PSI: _____ Safety Plan: YES

Drill Fluids Management:

Lined Pit: _____ Unlined Pit: _____ Closed Loop: YES Semi-Closed Loop: _____
 Multi-Well: YES Disposal Location: Cuttings mixed w/ sawdust (pile).

Cement**Cement Contractor**

Contractor Name: Schlumberger Contractor Phone: 303-486-3245

Surface Casing

Cement Volume (sxs): 544 Circulate to Surface: YES
 Cement Fall Back: YES Top Job, 1" Volume: NO

Intermediate Casing

Cement Volume (sxs): _____ Good Return During Job: _____

Production Casing

Cement Volume (sxs): _____ Good Return During Job: _____

Plugging Operations

Depth Plugs(feet range): _____ Cement Volume (sxs): _____
 Good Return During Job: YES Cement Type: Class G

Comment: Surface Casing cement job (this is not a "plugging operations" comment): Encana reported negligible cement fall-back (26" below conductor top) on 01/29/2012.

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: 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 REVEGETATIONCropland

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:

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 _____

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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

S/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____