Form 3160-5 (March 2012)

UNITED STATES DEPARTMENT OF THE INTERIOR

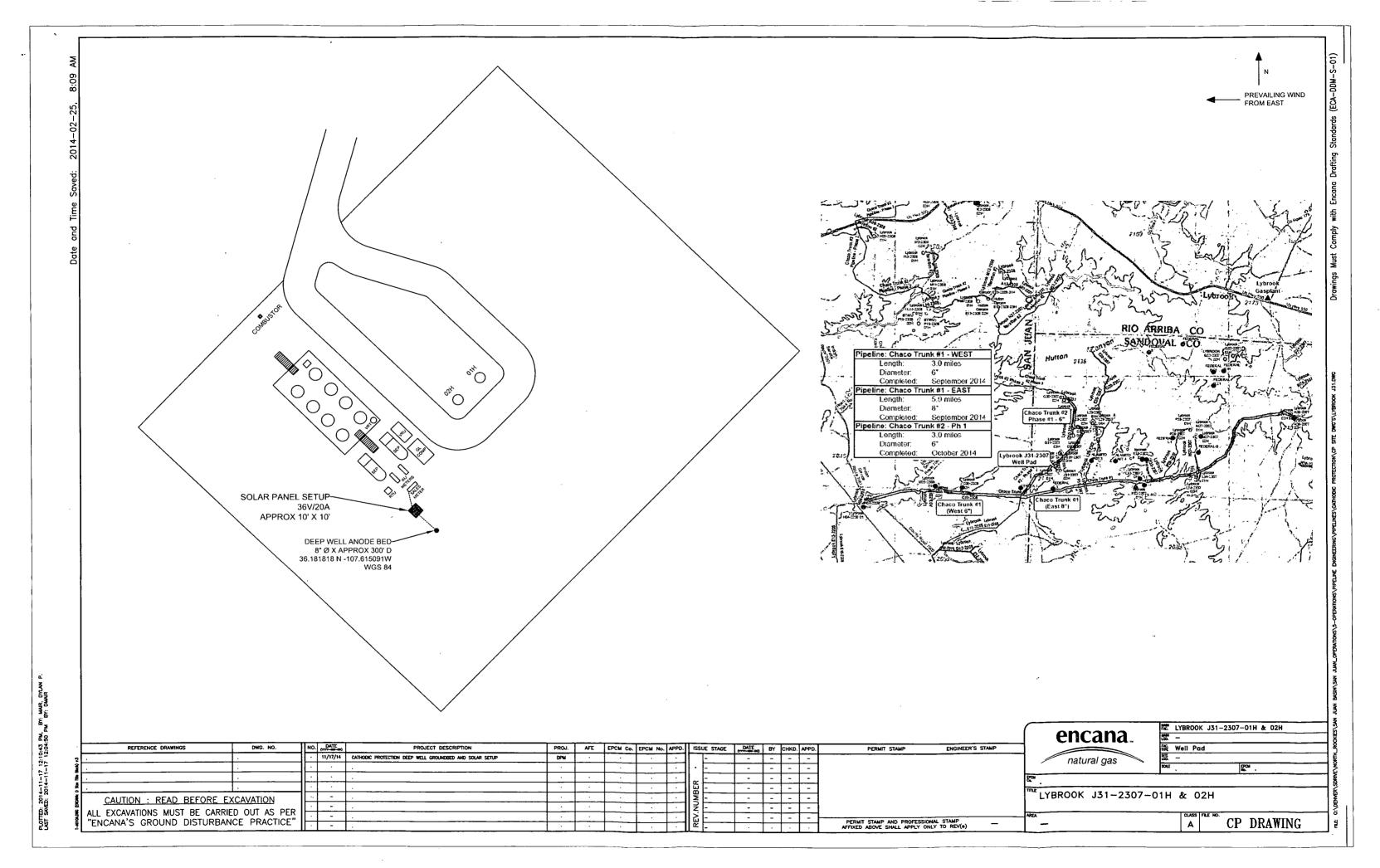
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FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014

BURI	EAU OF LAND MANA	GEMENT	EC 24 2	5, Lease Scrial No. NM 6681 NM LG-90	200
SUNDRY N	OTICES AND REPOR	RTS ON WELLS		6 If Indian Allottee or	
Do not use this fo	orm for proposals to	drill or to refenter	anton Field	N/Asaa	
abandoned well. (Jse Form 3160-3 (AP	D) for such propos	als:nd ! લુ _{લા}	രാemen.	
	IN TRIPLICATE - Other in				ment, Name and/or No.
1. Type of Well				N/A	
Oil Well Gas W	ell Other			8. Well Name and No. Lybrook J31-2307 0	1H
2. Name of Operator Encana Oil & Gas (USA) Inc.				9. API Well No. 30-043-21214	
3a. Address 370 17th Street, Suite 1700 Denver, CO 80202	Į.	b. Phone No. <i>(include area</i> 05-599-2411	code)	10. Field and Pool or E Alamito-GALLUP	exploratory Arca
4. Location of Well (Footage, Sec., T., F SHL: 2215' FSL and 2531' FEL Section 31, T23N BHL: 2217' FSL and 2288' FEL Section 36, T23N	R.,M., or Survey Description) I, R7W I, R8W			11. County or Parish, S Sandoval County, N	
12. CHEC	K THE APPROPRIATE BOX	(ES) TO INDICATE NATU	IRE OF NOTIO	LCE, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION		•	TYPE OF ACT	ION	
✓ Notice of Intent	Acidize	Deepen	Prod	uction (Start/Resume)	Water Shut-Off
Nonce of Intent	Alter Casing	Fracture Treat	Recla	mation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Reco	mplete	Other Install cathodic
Subsequent Report	Change Plans	Plug and Abandon	Temp	oorarily Abandon	protection .
Final Abandonment Notice	Convert to Injection	Plug Back		r Disposal	
	ng procedure and Plug and	abandon procedure is at	tached. D FOR REC		d to the Chaco trunk pipeline on
	JAN 02 2015	030	20 2044		
		FARMINGTO BY	~ J ZU14		
		BY	A LIFTD OLD	ICE	
14. I hereby certify that the foregoing is tr	ae and correct. Name (Printed)	(yped)	•		
Norman Faver		Title Senio	r Regulatory A	Analyst	
Signature Munays	Fave	Date 12/23	/2014		
	THIS SPACE F	OR FEDERAL OR S	TATE OF	FICE USE	
Approved by	flamb	re:a	EVI/	IDONIMENITAL	DEC 3 1 2014
Conditions of approval, if any, are attached	Approval of this notice does n	ot warrant or certify	EIVV	INVINIEN I AL	Date
that the applicant holds legal or equitable ti entitle the applicant to conduct operations t	tle to those rights in the subject		COMPLIA	ANCE LEAM LEA	√ U
Title 18 U.S.C. Section 1001 and Title 43		rime for any person knowingl	y and willfully t	o make to any department	t or agency of the United States any false,

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





CORRPRO - DEEP ANODE BED PROCEDURE

Permits: Corrpro will assist the Company in applications for well drilling permits required by any City, County and/or State agencies.

Field Location: Location of the deep anodes are approximate. Exact placement shall be determined and verified in the field by the Corrpro foreman and the Company representative.

Anode Hole Drilling: The anode hole shall be 7 7/8-inches diameter to the depth shown on the Drawings (top 20-feet shall be drilled to accommodate 8" casing). Drilling shall be ac complished with rotary bit. Driller shall use standard techniques (i.e. trough and vacuum truck) to capture and contain the drilling fluids, mud and cuttings at the top of the hole. The driller shall select the type and consistency of drilling fluids to be consistent with soil characteristics. The drilling rig shall be leveled to provide a round, straight and plumb anode hole.

Casing: Install a 8" diameter casing to a depth of 20-feet.

Anode Hole Geological Logs: As the hole is drilled, the driller shall maintain a record describing the depth and type of the geological formations encountered. Copies of the log shall be submitted.

Anode Hole Resistance Log: Record electric log of the hole using one of the anodes. The anode lead wire shall be manually lowered into hole, with a counter reel, while taking measurements every 5 feet. The anode lead wire shall be marked for a distance equaling or exceeding the maximum anticipated depth of the hole. As the anode is lowered into the hole, measure the resistance by temporarily impressing a minimum of 12-volts DC between the anode and a very well grounded structure. A volt meter shall be used to perform this test. A recommended 12-volt DC power source is a heavy-duty, lead acid, automobile battery. Lower the anode into the hole and at ten-foot increments, hold in place while the voltage and current output of the DC current source are measured and recorded. This information shall be recorded and submitted.

Vent Pipe Installation: The vent pipe (1-inch Allvent to the top of the coke breeze column) shall be installed in the hole with the first anode. One-inch PVC non-perforated pipe will be installed from the top of the coke breeze column to five feet above the top of the hole. The bottom of the vent pipe shall be capped. The top of the vent pipe shall be capped throughout the anode and coke breeze backfill installation procedure to prevent intrusion of foreign material. Drilling mud shall not be allowed to enter in the vent pipe.

Anode Installation: The deep anode shall consist of $10 - 2.2" \times 84"$ long high silicon cast iron anodes spaced at 10-foot intervals. The anodes shall be centered in the hole. The anodes shall be installed by lowering them individually into the hole by the lead wire. The final depth shall be recorded with the first anode in the hole (i.e. the bottom anode) identified as anode number one. The anode lead wires shall not be damaged during handling or lowering into the hole. Under no circumstances shall the anode lead wires be c lamped or pinched around another object while lowering. If the insulation for any anode lead wires are cut, broken, or nicked, the complete anode shall be rejected and shall be

removed from the job site. Corrpro shall replace all damaged anodes at no additional expense to Company.

Anode Column Coke Backfill: The coke backfill shall be top loaded. A sufficient amount of backfill shall be used such that the coke breeze column will extend a minimum of 10-feet above the top of the uppermost anode and no closer than 30-feet from the top of the hole. Installation of the coke backfill shall be uniform with no voids around the anodes.

Vent Pipe Conditions: The 1-inch diameter internal vent pipe shall terminate with a glued slip-fit fitting then secured with a threaded vented plug. The top end of the vent pipe shall be left open to allow gases from the anode hole to exit.

Mud and Cuttings: Drilling mud, cuttings and other waste shall be disposed of onsite in a manner which complies with the rules and regulations of the State, City and County.

ANODE LEAD JUNCTION BOX

Location: Install anode lead junction box immediately adjacent to the deep anode. Place to allow ready access for testing with the bottom of the box at a minimum height of 3-feet above grade.

Concrete Pad: Junction box support (post or unistrut) shall be set in a Portland cement concrete anchor. Pour a minimum 4 inch thick by roughly 3-foot square concrete pad around the junction box.

HEADER CABLE

Dig a 4-inch wide x 18-inch deep trench from the junction box to the power unit pole. Install the DC positive cable in the bottom of the trench. Leave slack in the cable and avoid damage to the cable during installation.

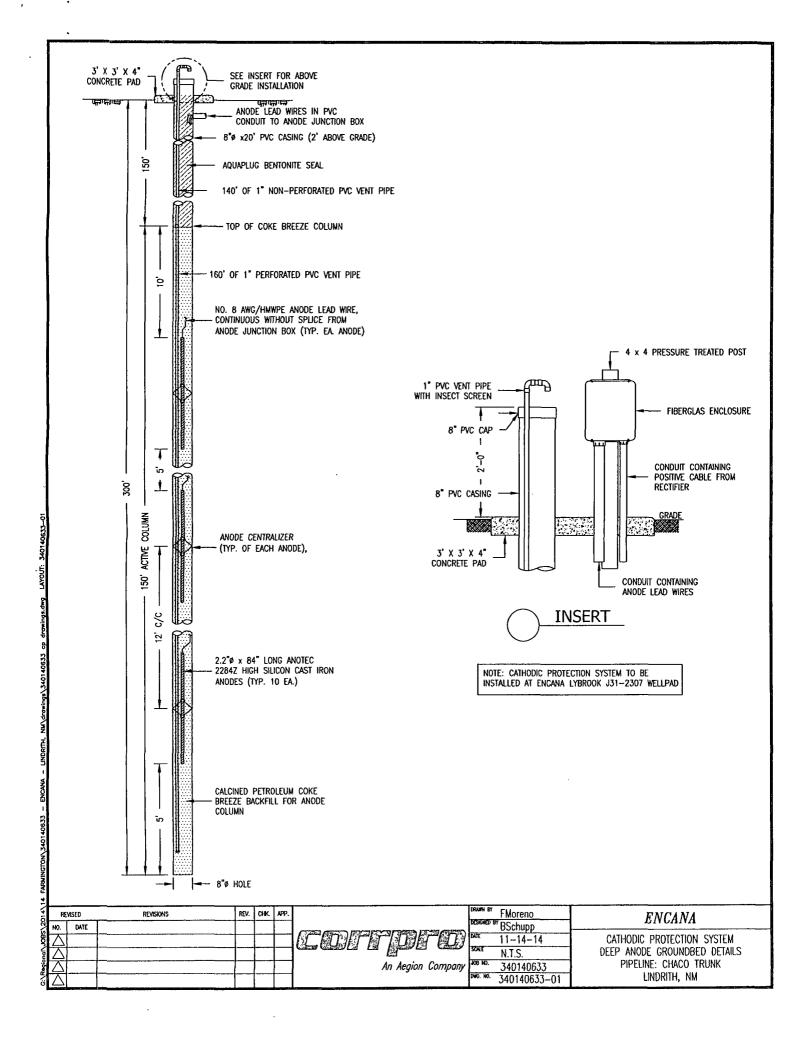
NEGATIVE CABLE AND TEST LEAD

Dig a 4-inch wide x 18-inch deep trench from the power unit to the structure. Install the DC negative cable in the bottom of the trench. Leave slack in the cable and avoid damage to the cable during installation, and attach to structure.

Method: Attach negative DC cables to the structure by a mechanical clamp at the location shown on the Drawings.

Preparation: Clean and dry the structure surface to which the negative cable is to be attached. Technician will remove all dirt, coating, oxide and mill scale from the structure surface. Use a solvent to remove oil and grease, if necessary. Clean the surface to bright metal.

NOTE: All cable connections will not be performed without the assistance of a certified/licensed low-voltage technician.



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Corrpro Specific Safety Plan

New-hire training and SSE identification policy: New hires receive orientation and safety training as required for their job. SSE's are put under the direct supervision of experienced employees and under the more stringent SSE program whether that is Corrpro or Encana.

Corrpro's policy/procedure for stopping unsafe acts: Through Corrpro and Encana Stop Work Authority Program, all employees are given the authority to suspend individual tasks or group operations when the control of health, safety and/or environmental risk is not clearly established or understood.

Developed for: Corrpro Farmington	Date: 12/15/2014		,
Location: J31-2307 Well Pad	City: Lybrook	State: NM	

Job ID: 340140731

Job Description: Installation of Deep anode Groundbed for Cathodic Protection including the installation of the Rectifier/Solar Unit. Cable will be installed to Rectifier to Groundbed (Positive cable) and to Rectifier from pipe (Negative cable). Inspection and Commissioning will occur after installation of ground bed

Emergency Transportation Provider: Ambulance service call 911		Phone: 911
Contact: Nearest hospital can be located via GPS and	Phone: 800-633-4350	
First Aid/Minor Treatment Facility: On site by first aid trained personnel		Phone: n/a
	n the event of an injury / illness on th	is job)
Injury and	d Illness Management	
Other: Donavon Wright (Construction Sup.)	Phone: 505-325-1946	Cell: 801-834-5118
Safety Manager: Greg Sawka	Phone: 562-944-1636	Cell: 562-505-7404
Project Manager: Bryan Schupp	Phone: 505-325-1946	Cell: 505-635-7744

Print Date: 12/17/2014 Page 1 of 15 Latest Revision Date: 05/09/2012

CORRPRO - PLUG AND ABANDON - DEEP ANODE GROUND BED

Permits: Corrpro will assist the Company in applications for permits required by any City, County and/or State agencies.

Anode Hole/Surface Casing: At the surface of the anode bed the surface casing shall be excavated or hydro-excavated at a depth of 3' below grade. All conduits and wires shall be terminated and removed. The surface casing and vent pipe will be cut down flush at 2' below grade. Anode leads, after terminated, will be left in the anode bore. If the anode bore is open, a bentonite and water mixture will be poured in to backfill. A cement mixture of Portland cement shall be poured as backfill around the anode bed bore to approximately 6" above remaining surface casing. The excavation shall then be backfilled to grade with native soil.

ANODE LEAD JUNCTION BOX

Removal: The anode lead junction box immediately adjacent to the deep anode bed will be removed along with all remaining conduits and wiring. The 4x4 post will be removed along with the concrete pad and backfilled to grade with native soil.

NEGATIVE/POSITIVE CABLES

Termination of negative/positive leads will be left to the discretion of the owner.

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