Submit! Copy To Appropriate District	State of New Me	exico	Form C-103
Office <u>District 1</u> – (575) 393-6161	Energy, Minerals and Natu	ral Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	OIL CONSERVATION	DIVISION	WELL API NO. 30-003-20041
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	1220 South St. Fran	ncis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410 1220 South St. Francis Dr., Santa Fe, NM District IV - (505) 476-3460 Santa Fe, NM 87505 1220 S. St. Francis Dr., Santa Fe, NM 87505		6. State Oil & Gas Lease No.	
		LH4757	
SUNDRY NOTICES AND REPORTS ON WELLS			7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH		Cottonwood Canyon	
PROPOSALS.)			8. Well Number CC-14
2. Name of Operator			9. OGRID Number
Kinder Morgan CO2 Company, L.P.			34945
830 East Main, Suite 220, Springerville, AZ 85938			Abo Reef
4. Well Location			
Unit LetterD:600	feet from the South	_ line and _1,265_	feet from the _Westline
Section 27 Township 01N Range 21W NMPM Catron County			
7069 GR			
12. Check Appro	priate Box to Indicate N	ature of Notice,	Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK D PLUG AND ABANDON REMEDIAL WOR			
		CASING/CEMEN	
CLOSED-LOOP SYSTEM			
OTHER:	Clearly state all r	OTHER:	
of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of			
proposed completion or recompletion.			
Plug and Abandonment Procedure and Reclamation Plan attached.			
Proposed start date for Cottonwood Canyon Plug and Abandonment program (nine wells total). May 15, 2017			
rioposed start date for Contonwood Carlyon ring and Notandoninent program (inite wens total), way 15, 2017.			
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2/12/2013			······································
Spud Date: 2/12/2013	Rig Release Da	te:	
			
I hereby certify that the information above	is true and complete to the be	st of my knowledg	e and belief.
SIGNATURE Multing TITLE Senior EHS Engineer DATE 2/14/2017			
Type or print name _Michael Hannigan, P.E E-mail address: michael_hannigan@kindermorgan.com PHONE: 970-882-5532			
TUI State Use Unity			
APPROVED BY: Will promise DISELY ENGK. DATE 3-7-17			
Conditions of Approval (if any):			
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A-Plus Well Service, Inc. PLUG AND ABANDONMENT PROCEDURE

Cottonwood Canyon Unit #14

January 24, 2017

Unit D, 600' FSL and 1265' FWL, Section 27, T-01-N, R-21-W Catron County, New Mexico / API 30-003-20041 Lat: N 34° 17' 12.62" / Long: W -109° 0' 55.00"

- Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield. This project will utilize a closed-loop system to handle waste fluids circulated from the well and cement wash up.
 - 1. Install and test location rig anchors or set a base beam. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Wellhead has temporary cover; no pressure is anticipated.
 - 2. NU relief line and blow down well. ND wellhead and NU 11" 3M BOP. Pressure test the BOP and the 13.375" casing to 500 PSI. If the casing does not test, then spot or tag subsequent plugs as appropriate.
 - 3. Prepare and tally a 2.375" tubing workstring. TIH and tag float collar at approximately 600' or as deep as possible. If tag is higher and the casing pressure test is good; do not clean out to the float collar. Circulate the well clean.
 - Plug #1 (San Andres top and Fresh Water zone, 600' to 330'): Mix 240 sxs Class B cement and spot a balanced plug inside the 13.375" casing to isolate the fresh water zone at 380' and San Andres top at 580'. PUH.
 - Plug #2 (20" Casing shoe, 146' to 0'): Establish circulation out casing valve with water and circulate the casing clean. Mix approximately 110 sxs Class B cement to circulate good cement to surface. Shut in and WOC
 - ND the BOP and dig out the wellhead. Complete a hot work permit and cut off the wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors.



Note: The above wellbore diagram shows the reasonable assumption the open hole interval from the casing shoe (630') to the fish and possibly below is filled with cement. The 13-3/8" casing was cemented with 1647 cf of slurry and the annulus TOC was found at 282'; requiring only 242 cf (gauge hole). This leads to the conclusion the majority of the cement below the shoe (1647 – (242 * 100% excess factor) = 1163 cf available to go below the shoe to cover the Glorieta zone and the fish. Granted the well had lost circulations problems which contributed to the fishing problems; however, the cement did rise to 282' behind the 13-3/8" casing.

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TD 972'

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PROPOSED RECLAMATION PLAN Cottonwood Canyon Unit #14 API 30-003-20041

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Final reclamation and revegetation of the CC-14 location will occur after the well has been plugged and abandoned. The temporary drilling pit associated with well CC-14 was successfully closed in accordance with 19.15.17.13 NMAC during May and June of 2016. The CC-14 temporary drilling pit location was reclaimed to a safe and stable condition that blends with the surrounding undisturbed area and the soil cover placed over the on-site burial trench was reclaimed to the site's original contours in a manner that will prevent the ponding of water and erosion.

Final site reclamation and revegetation will consist of re-grading the location to match, as closely as possible, the surrounding contours followed by scarification of previously disturbed areas and the broadcast application of an appropriate seed mix. Any compacted portions of the location will be scarified to a minimum depth of 12 inches while all other areas of disturbance will be scarified to a minimum depth of 6 inches. Following scarification all disturbed areas of the location, including access roads, will be seeded with a mix of plant species appropriate for an arid sandy environment.

Following completion of reclamation and revegetation activities, steel location markers for the temporary drilling pit and on-site burial trench will be installed. The markers will be placed in the exact locations of the center of the former temporary drilling pit (Latitude 34.28718, Longitude -109.03201) and on-site burial trench (Latitude 34.28651, Longitude -109.03234) in accordance with 19.15.17.13 F.(3) NMAC.

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