	Submit 1 Copy To Appropriate District Office	State of New Mexico		•	Form C-103						
	District 1 - (575) 393-6161	Energy, Minerals and Natu	iral Resources	WELL API NO.	vised July 18, 2013						
	1625 N. French Dr., Hobbs, NM 88240 <u>District 11</u> - (575) 748-1283	OIL CONSEDUATION DIVISION		30-003-20040	}						
	811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178	OIL CONSERVATION DIVISION 1220 South St. Francis Dr.		5. Indicate Type of Lease							
	1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460	Santa Fe, NM 87505		STATE STATE 6. State Oil & Gas Lease 1	EE						
	75811CTV = (503) 476-5400 2220 S. St. Francis Dr., Santa Fe, NM			LH4763	10.						
	SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A			7. Lease Name or Unit Ag	reement Name						
	DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)			Cottonwood Canyon							
	1. Type of Well: Oil Well Gas Well Other CO2			8. Well Number CC-12							
	2. Name of Operator Kinder Morgan CO2 Company, L.P.			9. OGRID Number 34945							
ŀ	3. Address of Operator			10. Pool name or Wildcat							
	330 East Main, Suite 220, Springerville, AZ 85938			Abo Reef							
	4. Well Location										
	Section 36 Township 01N Range 21W NMPM Catron County										
	7639 GR										
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data											
	NOTICE OF INTE	SEQUENT REPORT	OF:								
		_									
TEMPORARILY ABANDON					\						
DOWNHOLE COMMINGLE											
	CLOSED-LOOP SYSTEM	_		•							
-	OTHER:	od operations (Clearly state all a	OTHER:	d give pertinent dates includ	ing estimated data						
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date 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.					
Proposed start date for Cottonwood Canyon Flug and Abandonnient program (time wens total). May 13, 2017.											
					÷						
•	Spud Date: 7/7/2008	Rig Release Da	ıte:								
-											
I hereby certify that the information above is true and complete to the best of my knowledge and belief.											
SIGNATURE Mile 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					
For State Use Only											
- / 1/10 H											
	APPROVED BY: // Conditions of Approval (if any):	TITLE DIS	STILL CA	DATE_S	- /- 1						
•	Conditions of Approvia (if airs).										
	-										

January 23, 2017

A-Plus Well Service, Inc. PLUG AND ABANDONMENT PROCEDURE Cottonwood Canyon Unit #12

Page 1 of 2

Unit M, 660' FSL and 1980' FWL, Section 36, T-01-S, R-21-W Catron County, New Mexico / API 30-003-20040 Lat: N 34° 10' 4.60" / Long: W -108° 59' 23.24"

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.

- 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. Record casing, tubing and bradenhead pressures.
- RU Wireline lubricator; pump 50 bbl. fresh water down the 5.5" casing. RIH and set 5.5" cement retainer at 2905'. Load casing with water. Pressure test 5.5" casing to 1000 PSI. If the casing does not test, then spot or tag subsequent plugs as appropriate. NU relief line and blow down well. ND wellhead and NU BOP. Shell pressure test the BOP.
- 3. Prepare and tally a 2.375" tubing workstring. TIH and tag CR at 2905'. Circulate casing clean with water. Sting into the CR and establish an injection rate.
- 4. Plug #1 (Open hole lateral, 5.5" Casing shoe and Abo and Amos Wash tops, 2905' to 2308'): Mix 300 sxs Class B cement and squeeze below CR; adjust cement volume as appropriate depending on the injection pressure. Sting out and leave 74 sxs above to cover the formation tops. PUH.
- 5. Plug #2 (7" Casing shoe and Yeso tops 1874 to 1540'): Mix 44 sxs Class B cement and spot a balanced plug inside the 5.5" casing to cover the casing shoe and formation top. TOH.
- 6. Plug #3 (Glorieta top and 9.625" Casing shoe, 1469' to 1270'): Perforate 6 HSC holes at 1419' through both casing strings. Establish rate into the squeeze holes. Set a 5.5" CR at 1469'. Mix and pump 224 sxs Class B cement, squeeze 194 sxs outside the casing and leave 30 sxs inside to cover the formation top and casing shoe. TOH.
- 7. Plug #4 (San Andres, 1140' to 1040'): Perforate 6 HSC holes at 1140' through the three casing strings. Establish rate into the squeeze holes. Set a 5.5" CR at 1090'. Re-establish rate into squeeze holes. Mix and pump 92 sxs Class B cement, squeeze 75 sxs outside the casing and leave 17 sxs inside.
- 8. Plug #5 (Ground water zone, 450' to 350'): Perforate 6 HSC holes at 450' through the three casing strings. Establish rate into the squeeze holes. Set a 5.5" CR at 400'. Re-establish rate into squeeze holes. Mix and pump 92 sxs Class B cement, squeeze 75 sxs outside the casing and leave 17 sxs inside. TOH.

January 23, 2017

A-Plus Well Service, Inc. PLUG AND ABANDONMENT PROCEDURE Cottonwood Canyon Unit #12

Page 1 of 2

Procedure Continued:

- 29.2 Plug #6 (13.375" Surface casing shoe, 150' to Surface): Perforate 6 HSC holes at 150' through the three casing strings. Establish rate into the squeeze holes. Establish circulation out each casing valve with water and circulate the annuli clean. Mix and pump approximately 100 sxs Class B cement to circulate good cement to surface out each annulus. Shut well in and WOC.
- 10. 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.

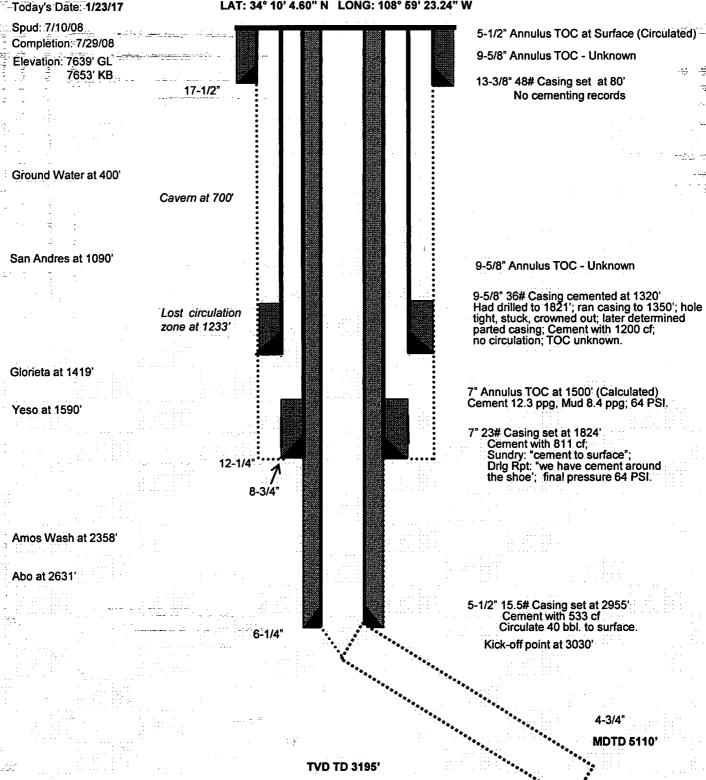
Cottonwood Canyon #12

Current

Abo Reef Pool Unit M, 660' FSL & 1980' FWL, Section 36 T-1-S, R-21-W

Catron County, NM / API #30-003-20040

LAT: 34° 10' 4.60" N LONG: 108° 59' 23.24" W



Cottonwood Canyon #12

Proposed Plugged Well

Abo Reef Pool

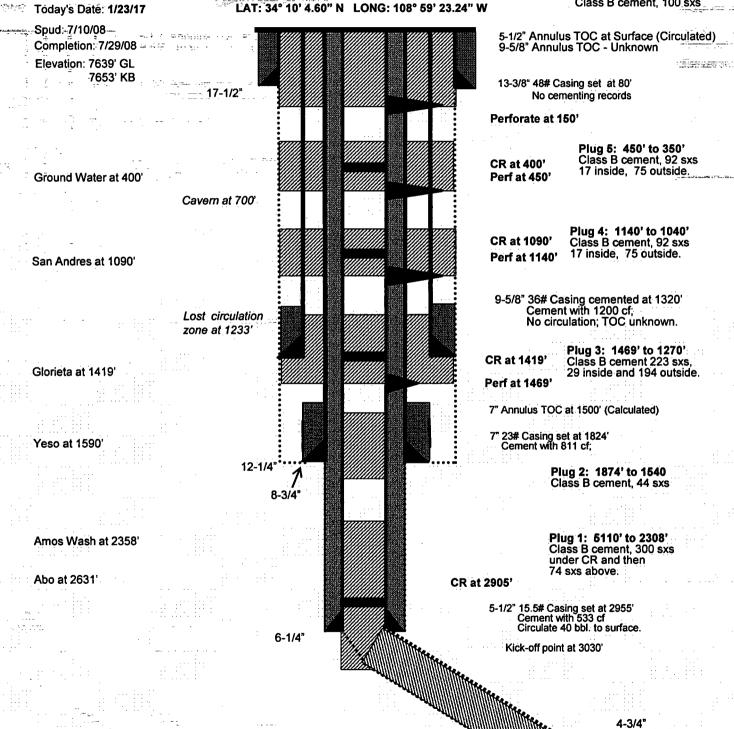
Unit M, 660' FSL & 1980' FWL, Section 36 T-1-S, R-21-W

___ Catron County, NM / API #30-003-20040

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Plug 6: 150' to 0' Class B cement, 100 sxs

MDTD 5110'



TVD TD 3195

PROPOSED RECLAMATION PLAN Cottonwood Canyon Unit #12 API 30-003-20040

Final site reclamation and revegetation of the CC-12 location 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.