| Submit 1 Copy To Appropriate District | State of New M | Aexico | | | Form C-103 |
|--|-------------------------------------|---------------------|---------------------------|---------------|------------------|
| Office <u>District 1</u> – (575) 393-6161 | Energy, Minerals and Na | tural Resources | | Revise | ed July 18, 2013 |
| 1625 N. French Dr., Hobbs, NM 88240 | | | WELL API NO. | | |
| <u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210 | OIL CONSERVATIO | N DIVISION | 30-003-20026 | -61 | |
| District III - (505) 334-6178 | 1220 South St. Fr | ancis Dr. | 5. Indicate Type of STATE | of Lease | |
| 1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460 | Santa Fe, NM | 87505 | 6. State Oil & Ga | | |
| 1220 S. St. Francis Dr., Santa Fe, NM | | | LH-4758 | 5 Eleuse 110. | |
| 87505 SUNDRY NOTI | CES AND REPORTS ON WELL | 8 | 7. Lease Name or | I Init Agra | amont Namo |
| (DO NOT USE THIS FORM FOR PROPOS | | | 7. Lease Name of | Ont Agree | ment Name |
| DIFFERENT RESERVOIR. USE "APPLIC | | | Cottonwood Can | von | |
| PROPOSALS.) 1. Type of Well: Oil Well | Gas Well 🛛 Other CO2 | | 8. Well Number | , CC-3 | |
| 2. Name of Operator | | | 9. OGRID Numb | er | |
| Kinder Morgan CO2 Company, L.P. | | | 34945 | | |
| 3. Address of Operator | | | 10. Pool name or | Wildcat | |
| 830 East Main, Suite 220, Springer | /ille, AZ 85938 | | Abo Reef | | |
| 4. Well Location | | | | | |
| Unit LetterP:6 | 60feet from the _South | line and _660_ | feet from the | e _East | line |
| Section 36 | Township 01N | Range 21W | | | County |
| | 11. Elevation (Show whether D | |) | 10 | |
| and the second | 6802 GR | | | | |
| | | | | | |
| 12. Check A | Appropriate Box to Indicate | Nature of Notice, | Report or Other | Data | |
| | | | | | |
| | | | SEQUENT REI | | |
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | | | P AND A | |
| PULL OR ALTER CASING | | CASING/CEMEN | | FANDA | |
| DOWNHOLE COMMINGLE | | CASING/CEIVIEN | | | |
| CLOSED-LOOP SYSTEM | | | | | |
| OTHER: | | OTHER: | | | |
| | leted operations. (Clearly state al | | d give pertinent date | s, including | estimated date |
| of starting any proposed wo | rk). SEE RULE 19.15.7.14 NMA | | | | |
| proposed completion or rec | ompletion. | | | | |
| | | | | | |
| See A-PLUS well plugging report (att | ached) | | | | |
| See A-PLOS wen plugging report (att | acticu). | | | | |
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| Spud Date: 4/16/1998 | Rig Release I | Date: | | | 10 2 |
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| I hereby certify that the information | above is true and complete to the | best of my knowledg | ge and belief. | | |
| N. 18 | | | | | |
| M.O. Oli | | | | | |
| SIGNATURE I Mulettry | | Senior EHS Engineer | DATE6/23/2 | 2017 | |
| Tuna or print name Adiabaal U.S. | DE Email address with | ad hannigan Oliver | DIMARTIN AND DUO | NE- 070 00 | 2 6622 |
| Type or print name _Michael Hannig For State Use Only | an, r.c E-man address: micha | aei_nannigan@kindi | ermorgan.com PHO | INE: 970-88 | 2-5532 |
| <u>ror State Use Only</u> | | | | | 1 [|
| APPROVED BY: | over TITLE E | palmer- | DA7 | ге 61 | 23/17 |
| Conditions of Approval (if any): | | 1 | DA | | capt. |
| | | | | | |
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Kinder Morgan 17801 Hwy 491 Cortez, CO 81321

P.O. Box 1979, Farmington, NM 87499 (505) 325-2627 Name: Cottonwood Canyon #3 API: 30-003-20026

Well Plugging Report

Cement Summary

Plug 1, Precambrian and Abo tops; planned inside below & above the 5.5" CR at 2700 ft.; actual was to leave 23 sxs Class B cement (15.6 ppg, 27.1 cf.) inside casing from 2700 ft. to 2496 ft. Planned to squeeze 200 sxs under the CR, however, after mixing 23 sxs the pressure increased to 2000 PSI; pull stinger in and out of CR attempting to establish rate under CR again, no success; Leonard Lowe with NMOCD approved leaving 23 sxs on top of the CR. TOH with tubing and WOC over night; TIH and tagged TOC at 2496 ft.

Plug 2, Amos Wash top, 8.625" intermediate casing shoe, inside 5.5" casing, with 57 sxs of Class B (15.6 ppg, 67.3 cf.) from 1826 ft. to 2338 ft.; WOC over night; tagged plug #1 cement TOC with tubing at 2496 ft.; plug #2 cement not found. No test on casing. Ran packer and found multiple holes in 5.5" casing (see 5/22/2017 below).

Plug 2 A, Amos Wash, Yeso tops; inside below & above, with CR at 2055 ft.; 140 sxs of Class B (15.6 ppg, 165.2 cf.) from 1702 ft. to 2055 ft.; 50 sxs in annulus, 50 sxs below CR and 40 sxs above CR; WOC over night; tagged TOC with tubing at 1737 ft.

Plug #3, Yeso, Glorieta and San Andreas tops; inside below & above, with CR at 977 ft.; 182 sxs of Class B (15.6 ppg, 214.8 cf.) from 801 ft. to 977 ft.; with 162 sxs below CR and leave 20 sxs above. WOC for 4 hrs.; tagged with wireline at 780 ft.

Plug #4, Surface Casing Shoe, perforate 6 SQZ deep holes at 172 ft.; inside / outside 5.5" casing with 202 sxs of Class B (15.6 ppg, 238.4 cf.), 2% CaCl2; from 0 ft. to 172 ft. pumped down the 5.5" casing with no returns to surface; WOC over night; tagged inside 5.5" casing TOC with tubing at 157 ft.

Plug #4 A, top off inside 5.5" casing; with 21 sxs of Class B (15.6 ppg, 24.8 cf.) from 0 ft. to 157 ft.; circulate good cement to surface out casing valve. TOH and LD tubing.

Plug #5 - Set Marker: Saw off wellhead and found cement in annulus at 90' down and in casing down 69'. Fill casing and annulus with 32 sxs cement and set marker.

Work Detail

| PUX | Activity | |
|--|--|--|
| 05/12/2017 Travel to equipment. Held SFTY MTG on the JSA, service and start equi | | |
| | Pre Trip equipment, take two loads of equipment to location. Spot equipment. | |
| | Return to old location and secure the reaming equipment. SDFD (Note: The road | |
| | to the CC-3 is extremely rough and the rig had to be guided over bad spots. Used | |
| | the back hoe to attempt to fix really bad spots.) Return to Farmington. | |

| KinderMorgan | Cottonwood Canyon #3 Well | Plug & Abandonment Report | |
|-----------------------|--|--|--|
| P05/15/2017 P P | Travel to equipment. Held SFTY meeting on the JSA, service and start equipr Load mud pit 502 and secure. Load and secure TBG. T | | |
| Ρ | move remaining equipment to location. Spot the base beam and the daylight pulling unit. RU the daylight pulling unit. | | |
| Ρ | Spot the waste pit, TBG float and the mud pit. Unload the BOP; spot pump truck. | | |
| Ρ | Check PSI on the well, no TBG, CSG 0 PSI, BH 0 PSI, ope and NU BOP. Function test the BOP. Load the hole wi because of air bubbles from top loading the well. | | |
| Р | SDFD clean and secure the well and location. | | |
| Р | Return to Springerville. | | |
| P05/16/2017 | Travel to location. | | |
| P P | Held SFTY meeting on the JSA, service and start equiper Check PSI on the well, no TBG, CSG 0 PSI, BH 0 PSI, ope with no fluid to surface. | | |
| Ρ | PU bit sub and 4.75" cone bit and TIH tallying and PU 2 existing CIBP at 2050', LD 1 JT. PU and RU the power s Load the hole with 22 bbl. and pump 35 bbl. total. Att CSG, no test. Establish a rate of 2 BPM at 500 PSI. | wivel, PU 1 JT of TBG. | |
| Ρ | Establish circulation pumping at 2 BPM 300 PSI, begin drilling for 2 hours the well had drank 260 bbl. of wate | | |
| Р | Establish circulation and continue drilling on CIBP. The | | |
| Ρ | Hang back power swivel and PU the TBG tongs. TOOH | standing back the TBG | |
| Р | Clean and secure location. | | |
| P | Return to Springerville. | | |
| 05/17/2017 | | | |
| P | Travel to location. | | |
| P P | Held SFTY meeting on JSA, service and start equipment Check PSI on the well, no TBG, CSG 0 PSI, BH 0 PSI, ope | | |
| P | PU select junk mill, TIH and tag the CIBP at 2050', LD 1 | | |
| | and 1 JT. Start pumping at 2 BPM and begin to drill ou | | |
| Ρ | Plug dropped, PU 5 JTS with the swivel. Hang back the TiH tallying and PU to 2790'. | | |
| Ρ | TOOH and LD the junk mill. PU WD 5.5" CR and TIH an Load the TBG with 3.5 bbl. and PSI test to 1200 PSI goo Attempt to load the hole with 70 bbl.; no circulation to | d test. Sting out of the CR. | |
| Ρ | TOOH standing back. RU up the pump to the 5.5" CSG | | |
| Р | RIH with A Plus logging tool and log from 2700' to 840' | | |
| | water to try to keep hole full.) Good to fair cement of 2700' to 2200'. TIH, sting into the CR at 2700'. Establis | • | |
| Ρ | Plug #1 mix and pump 23 sxs 15.6# 27.14 CF Class B CM TOC. Mixed and pumped 20 sxs and the well locked up and sting in while pumping and PSI up to 2000 PSI. Lec approved leaving 23 sxs on top of CR. | MT from 2700' to 2497' o at 2000 PSI. Sting out | |
| Ρ | TOOH LD to TOC and continue TOOH. Clean and secur | e location. | |
| Р | Return to Springerville. | | |
| | | | |

| KinderMorgan 05/18/2017 | Cottonwood Canyon #3 Well | Plug & Abandonment Report | |
|----------------------------|--|---|--|
| P | Travel to location. HSM on JSA, a Service and sta | art equipment. CK PSI, csg and BH | |
| Ρ | 0 psi, no tbg. | an provident in the case and the action is ready to be the second strain the second | |
| Ú | TIH w/tbg., tag at 2496', LD tbg up to 2338' | | |
| P | Found bolts on rig blocks broken, need replaced, Wait on blocks; then replace | | |
| P | blocks. | ಅ≮ಂಗ ವಿಷಯಲ್ ಆರಂಭಿ ಯುರ್ಮಾಂಗ ಯುರಾಕಿ ಮೇಲು ಕಾರ್ಯದಿಂದು ಕ್ರಾಕ್ಷಮಿಯ ಕಾರ್ತುಕಾರ. | |
| | Plug #2, Atmos Wash, 8.625" casing shoe and w cu/ft. 15.6#); from 2338' to 1830' inside 5.5" ca TOH with tubing. SIW and secure well, secure lo Travel back to Springville AZ. | ising. | |
| 05/19/2017 | | | |
| Ρ | Travel to location | | |
| P | HSM on JSA, a Service and start equipment | | |
| Ρ | CK psi, csg and BH 0 psi, no tbg. TIH with tbg, nc plug #1 at 2496' again. Attempt to load 5.5 casi and well on vacuum. Connect pump line to 5.5' valve. No test, pump 60 bbl. water and annulus | ng with water. Pumped 50 bbl. " x 8-5/8" intermediate annulus | |
| U | Wait on orders. Decision made to run packer of Shut in and secure well SDFD. Drive back to A-P | | |
| 05/22/2017 | | | |
| Р | Travel to location. | | |
| Р | Held SFTY meeting on the JSA, service and start | equipment. | |
| Ρ | Check PSI, TBG 0 PSI, CSG 0 PSI, BH 0 PSI, open t | he well to the pit | |
| Р | TOOH and LD the plugging sub. PU A Plus 5.5" s TOC. TOOH and LD the string mill. | tring mill and TIH to 2496 and tag | |
| P | PU Weatherford PKR and TIH to 1014', load abo to 500 PSI, good test. TIH to 2471', test below a 200 PSI. Test above the PKR, pump 48 bbl. at 2 1832', 1456', and 1195', pumped 20 bbl. at each PSI. TOOH to 1014' and retest the PKR good test | ind establish a rate of 2 BPM at BPM at 0 PSI. Set the PKR at 1 depth above the PKR at 2 BPM 0 | |
| Ρ | TOOH and LD the PKR. Clean and secure location | on SDFD. | |
| Р | Return to Springerville. | | |
| 05/23/2017 | | | |
| Ρ. | Review JSA, service and start equipment. | | |
| Р | RIH with A Plus wire line and set a 5.5" CR at 20 | 55', POOH | |
| P | PU stinger, TIH to 2055' and sting into the CR. P of 2 BPM at 0 PSI. | | |
| Ρ | Plug #2A mix and pump 140 sxs Class B cement to 1702'. Squeeze 50 sxs below the CR; 50 sxs of above the CR. (Pete McNiel received approval the NMOCD on 5-21-17.) | outside the casing and 40 sxs | |
| P | TOOH and LD the stinger, SDFD | | |
| P | Return to Springerville. | | |

| KinderMorgan 05/24/2017 | Cottonwood Canyon #3 Well | Plug & Abandonment Report | |
|----------------------------|---|---------------------------------|--|
| P | Travel to location | | |
| P | Held SFTY meeting on the JSA, service and start equipment. | | |
| P | Check PSI on the well, no TBG, CSG 0 PSI, BH 0 PSI, open the well to the pit. | | |
| P | TIH and tag TOC at 1737 [°] . Pump 30 bbl. to establish circulation, establish a rate | | |
| 1 | of 2 BPM at 0 PSI. TOOH LD to 977'. | shellediation, establish a late | |
| P | | | |
| | RIH with 5.5" wire line set CR at 977', POOH. | α | |
| P | PU the stinger, TIH to 977" and sting into the CR. F of 2 BPM at 300 PSI. Sting out of the CR and pump | | |
| 0 | test to 500 PSI, good test. | | |
| P | Plug #3 mix and pump 182 sxs Class B cement (15. | | |
| | 801' Pumped 162 sxs below the CR and spot 20 s | | |
| | received approval from Will Jones on 5-22-17 for | this plug. Stung out with 1000 | |
| | PSI sustained PSI. | | |
| Ρ | TOOH LD all TBG and the stinger. | | |
| Ρ | WOC, dig out the well head to expose the 13 3/8" | X 8 5/8" CSG head. No casing | |
| | head on the 13-3/8", this annulus is open. | | |
| P | RIH and perf 6 deep penetrating holes at 172'. Pu | mp 90 bbl. water down the | |
| | 5.5" casing with blow but no fluid to surface. | | |
| Р | Plug #4 mix and pump 202 sxs Class B cement (15. | 6 ppg, 238.36 cf) with 2% | |
| | CaCl2 in the first 80 sxs from 172' to surface. No c | ement to surface out the 5.5" x | |
| | 8.625" annulus valve; final pump pressure at 300 l | PSI with no blow or flow to | |
| | surface. (Pete received approval for the plug on 5 | -22-17 from Will Jones with the | |
| | NMOCD.) | | |
| P | Clean and secure location, SDFD. | | |
| Ρ | Return to Springerville | | |
| 05/25/2017 | a postación e casa calles contrat e contrat en contrate en | | |
| P | Travel to location. | | |
| P | Held SFTY meeting on the JSA, service and start eq | uinment | |
| P | Check PSI on the well, no TBG, CSG 0 PSI, BH 0 PSI, | | |
| P | Attempt to tag CMT with tally tape, no tag. TIH PL | 100 C | |
| 10-1 1 | load the hole with 4 bbl. TOOH LD TBG. | BC and tag Civit at 157, | |
| Р | RIH with logging tool and log from 160' to surface, | with good CNAT from 146 to | |
| | surface. LD the logging tool. | WITH BOOD GIVE HIGH 140 10 | |
| P | | | |
| | TIH PU TBG to 157'. Plug 4 A mix and pump 21 sxs Class B cement (15. | | |
| P | | | |
| 0 | surface with good cement out the casing valve to p | | |
| P | TOOH LD the TBG. Wash up all equipment and the | | |
| Ρ | RD TBG equipment; work floor, pump truck and th | | |
| Р | Cut off the well head, CMT in the 5 1/2" down 69' | and the 8 5/8" X 5 1/2" was | |
| - | down 90'. Prep the DHM and tack it on | | |
| Р | Plug #5 Marker and top off, mix and pump 32 sxs (| Llass B cement to top off and | |
| | set the P&A marker. | | |
| Р | Dig out anchors and cut them off. | | |
| Ρ | Load out the 11" BOP, rotating head, 5.5" tongs waste pit, mud pit and the | | |
| | swivel. Load waste water and fresh water into tru | | |
| | the culvert on to the TBG trailer. Secure all equipr | nent and prep to move. | |
| Р | Job Complete. Return to Springerville. | | |
| 14 A 14 | | | |

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions