

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-005-60805
2. Name of Operator Canyon E&P		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 251 O'Conner Ridge Blv, Suite 255, Irving, TX 75038		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>F</u> <u>1460</u> feet from the <u>N</u> line and <u>1614</u> feet from the <u>W</u> line Section <u>30</u> Township <u>08S</u> Range <u>29E</u> NMPM County Chaves		7. Lease Name or Unit Agreement Name Kuchemann
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		8. Well Number <u>004</u>
9. OGRID Number 269864		10. Pool name or Wildcat Cato; San Andres

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ **PLUG AND ABANDON** ☒
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

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.

NMOCD plans to plug this well in accordance with the attached procedure and any agreed modifications there to.

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE Authorized Representative _____ DATE 10/31/22

Type or print name Drake McCulloch _____ E-mail address: drake@dwsrigs.com _____ PHONE: 505 320 1180

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 3/7/23
 Conditions of Approval (if any):

575-263-6633

Canyon E&P Company

Plug And Abandonment Procedure

Kuchemann #004

1650' FNL & 1614' FWL, Section 30, T8S, R29E

Chaves County, NM / API 30-005-60805

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 5-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 2,658'.
6. P/U 5-1/2" CR, TIH and set CR at +/- 2,608'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. RU wireline and run CBL with 500 psi on casing from CR at 2,608' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
9. Circulate wellbore with 9.5 ppg salt gel.

NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing

10. Plug 1 (Perforations 2,608'-2,393', 25 Sacks Type I/II Cement)

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the perforations.

11. Plug 2 (San Andres Formation Top 2,052'-1,837', 25 Sacks Type I/II Cement)

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the San Andres formation top.

12. Plug 3 (Queen formation Top 1,560'-1,345', 25 Sacks Type I/II Cement)

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the Queen formation top.

13. Plug 4 (Yates formation Top 949'-734', 25 Sacks Type I/II Cement)

Mix 25 sx Type I/II cement and spot a balanced plug inside casing to cover the Yates formation top.

14. Plug 4 (Surface Casing Shoe 175'-Surface, 55 Sacks Type I/II Cement)

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 55 sx cement and spot a balanced plug

from 175' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 175' and the annulus from the squeeze holes to surface. Shut in well and WOC.

15. ND cementing valves and cut off 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 restore location per BLM stipulations.

Existing Wellbore Diagram

Canyon E&P
KUCHEMANN #004
API: 30-005-60805
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 125 ft
OH: 11"

Formation

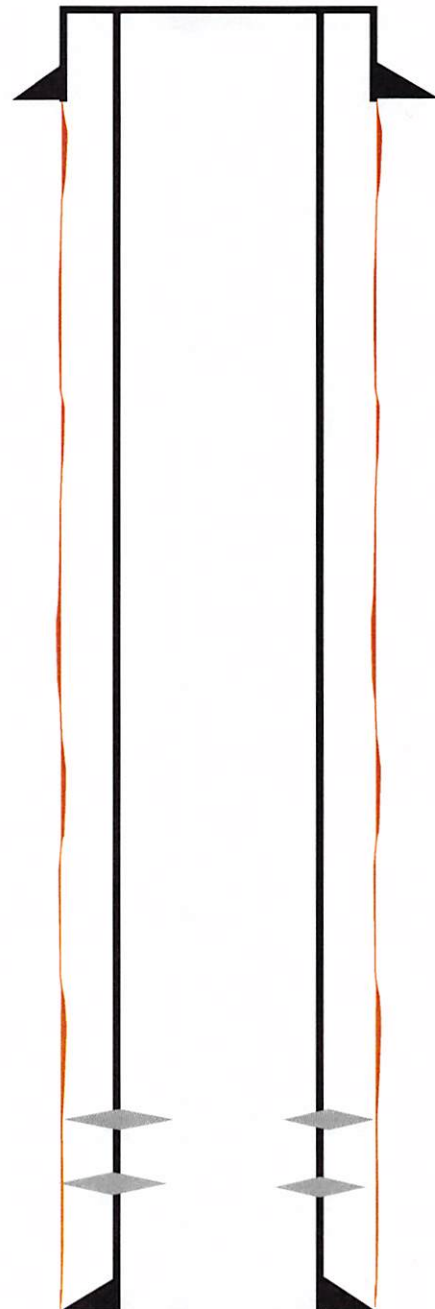
Yates - 866'
Queen - 1510'
San Andres - 2002'

Perforations

2658 feet - 2643 feet

Production Casing

5.5" 14# @ 2800 feet
OH: 7.875"



Proposed Wellbore Diagram

Canyon E&P
KUCHEMANN #004
API: 30-005-60805
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 125 ft
OH: 11"

Plug 5

175 feet - Surface
175 foot plug
55 Sacks of Type I/II Cement

Plug 4

949 feet - 734 feet
215 foot plug
25 Sacks of Type I/II Cement

Plug 3

1560 feet - 1345 feet
215 foot plug
25 Sacks of Type I/II Cement

Plug 2

2052 feet - 1837 feet
215 foot plug
25 Sacks of Type I/II Cement

Plug 1

2608 feet - 2393 feet
215 foot plug
25 sacks of Type I/II Cement

Formation

Yates - 866'
Queen - 1510'
San Andres - 2002'

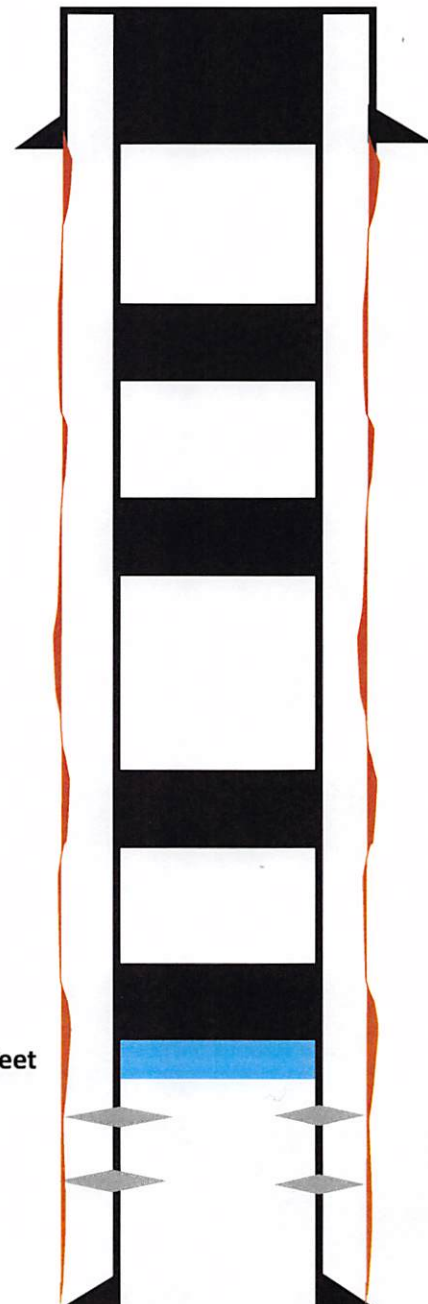
Retainer @ 2608 feet

Perforations

2658 feet - 2643 feet

Production Casing

5.5" 14# @ 2800 feet
OH: 7.875"



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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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COMMENTS

Action 177678

COMMENTS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 177678
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	3/8/2023

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Created By	Condition	Condition Date
kfortner	See attached COA	3/7/2023