Form 3 160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: ~~SF-078046~~ SF-077111

6. If Indian, Allonee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.: Storey COM C #4E

2. Name of Operator: CONOCO INC.

9. API Well No.: 30-045-24685

3. Address and Telephone No.: 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

10. Field and Pool, or Exploratory Area: Blanco Mesaverde

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)
Section 15, T-28-N, R-9-W, G
1790' FNL & 1540' FEL

11. County or Parish, State: San Juan County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
~~☒ Subsequent Report~~	☒ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracrunng
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Reponresultsof multiplecompitiononWdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It has been proposed to recomplete this well to the Mesaverde using the attached procedure. Upon completion this well will be downhole commingled with the Dakota (DHC Order # 1888)

RECEIVED
OCT 28 1998
OIL CON. DIV.

14. I hereby certify that the foregoing is true and correct

Signed Kay Maddox Title Regulatory Agent Date October 19, 1998

(This space for Federal or State office use)

Approved by /S/ Duane W. Spencer Title _____ Date OCT 26 1998

Conditions of approval, if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Hold C-104 for plat (2)

*See Instruction on Reverse Side

NMOCD

Storey Com C 4E
Mesaverde Recompletion Procedure

API # 30-045-24685

October 19, 1998

Summary of Work Recommended

- Isolate existing DK
- Recomplete to the MV
- DHC w/ existing DK Production
- Place Well on Production

Well Data:

Location: 1790' FNL , 1540' FEL, Sec. 15 G, T28N-R9W
San Juan County, New Mexico

Elevations:

KB:	5930'
GL:	5918'
PBTD:	6830'
TD:	6855'

Casing:

9-5/8", 36 lb/ft, K-55 @ 267'
cmt 263 sx. TOC @ Surface (circ)

7", 23 lb/ft, K-55 @ 2999'
Cmt: 440 sx 65/35 Poz & 150 sx Class "B"

Liner: **4 ½", 10.5 lb/ft, K-55 from 2794' to 6835'**
Cmt 450 sx 65/35 Poz & 150 sx Class "B"

Tubing: **2 3/8", 4.7 lb/ft, J-55 @ 6642'**

Perforations: 6626'–30', 64'–80',
6727'-29', 35'-39', 66'-69', 74'-78', 94'-98', &
6814'-23'

(2spf Total 90 holes)

Storey Com C 4E
Mesaverde Recompletion Procedure

1. Hold safety meeting. MIRU Workover Unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP and POOH & stand back 2 3/8" production string.

2. RU wireline unit & RIH w/ 4 ½" composite or cast iron Bridge Plug and set @ +/- 4,800'. Test casing to 4,000 psi.

3. **MU 3 1/8" select fire perforating gun w/ minimum of 11 gm charges w/ GR**. Correlate to attached log section and perforate the following depths:

   A. If necessary, spot 15% HCl across chosen interval using dump bailer.

   B. If necessary, PRESSURE UP CASING to 3000 psi PRIOR TO PERFORATING.

   4417', 23', 29', 73', 75', 80', 88', 90',
   4507', 09', 21', 23', 31', 37', 41', 53', 55', 61', 89', 91',
   4607', 15', 17', 25', 27', 32', 34', 65', 73', 79', 86', & 94'

   Total 32 holes

4. RIH w/ Straddle packer (PPI Tool) w/ 10' spacing element. RU Acid equipment.
   Hold safety meeting and test surface lines to 4,000 psi.
   Break down perfs down casing using ½ bbl 15% HCl, (inhibited for 24hours), per foot of perforations. Monitor backside for communication
   DO NOT EXCEED 4000 PSI

5. RD Acid equipment and prep to frac.

6. RU Frac equipment.
   Hold Safety Meeting and Test lines to 4,000 psi.
   Frac down casing per attached schedule. Prep for 2nd frac
   DO NOT EXCEED 4000 PSI

7. RIH w/ 4 ½" composite or cast iron bridge plug and set @ 4400'.
   Test casing & plug to 4,000 psi.

8. **MU 3 1/8" select fire perforating gun w/ minimum of 11gm charges w/ GR**. Correlate to attached log section and perforate the following depths:

   A. If necessary, spot 15% HCl across chosen interval using dump bailer.

   B. If necessary, PRESSURE UP CASING to 3000 psi PRIOR TO PERFORATING.

   4135', 38', 41', 72', 74',
   4219', 21', 49', 51', 56', 58', 77', 80', 83',
   4348', & 50'

   Total: 16 Holes

9. RIH w/ Straddle packer (PPI Tool) w/ 10' spacing element. RU Acid equipment.
Hold safety meeting and test surface lines to 4,000 psi.
Break down perfs down casing using ½ bbl 15% HCl, (inhibited for 24hours), per foot of perforations. Monitor backside for communication
DO NOT EXCEED 4000 PSI

10. RD Acid equipment and prep to frac.

11. RU Frac equipment. Hold Safety Meeting and Test lines to 4,000 psi.
Frac down casing per attached schedule. Clean Location and release frac equipment.
DO NOT EXCEED 3500 PSI

12. RU compressors, Drill out Bridge Plugs and clean out well to PBTD (6,830').
Jet well w/ gas until well will flow on its own. Drywatch as necessary.

13. RIH w/ 2 3/8" production string. Land SN at +/- 6,640'

14. Adjust surface equipment for higher production rates

15. Record and notify necessary personnel for regulatory and gas allocation purposes.

16. RDMO service unit and clean location. Place well on production

17. Thank You.

Prepared by:_____
Randy B. Herring
Sr. Production Engineer