

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-045-13115

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Bruington LS

8. Well No.
#4

9. Pool name or Wildcat
Blanco Mesaverde

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)

Type of Well:
Oil Well ☐ Gas Well ☒ OTHER

Name of Operator
Conoco Inc.

Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500

Well Location

Unit Letter K 2200' Feet From The South Line and 1650' Feet From The West Line

Section 6 Township 30N Range 11W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6383'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒ REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
WELL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐
OTHER: ☐ OTHER ☐

SUBSEQUENT REPORT OF:

2. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

It is proposed to plug and abandon this well using the attached procedure.

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE 3/3/99

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. 686-5798

(this space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. 35

MAR 16 1999

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Bruington LS #4
Basin Dakota
2200' FSL & 1650' FWL / SW, Sec. 6, T30N, R11W
San Juan County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Conoco safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Lay relief line to pit and blow well down; kill with water as necessary.
3. ND wellhead and NU BOP and stripping head; test BOP. Prepare and tally 2" tubing workstring. RIH with 4-1/2" gauge ring or casing scraper to 6580' or as deep as possible.
4. **Plug #1 (Dakota perforations and top, 6580' - 6480')**: Set 4-1/2" wireline CIBP at 6580'. RIH with tubing and tag CIBP. Load casing with water and establish rate into leaks. Note and observe wellbore fluid level while cementing to determine hole stability; tag subsequent plugs as appropriate. Spot 12 sxs Class B cement above CIBP to isolate Dakota perforations and cover top. POH with tubing.
5. **Plug #2 (Gallup top, 5712' - 5612')**: Perforate 3 HSC squeeze holes at 5712'. If casing tested establish rate into squeeze holes. Set 4-1/2" cement retainer at 5662'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs cement outside casing and leave 12 sxs inside casing to cover Gallup top. POH
6. **Plug #3 (Mesaverde top, 3924' - 3824')**: Perforate 3 HSC squeeze holes at 3924'. Set 4-1/2" cement retainer at 3874'. TIH with tubing and establish rate into squeeze holes. Mix 83 sxs Class B cement, squeeze 71 sxs cement outside casing and leave 12 sxs inside casing to cover Mesaverde top. POH with tubing to 2234'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 2234' - 1785')**: Mix 38 sxs Class B cement and spot a balanced plug to cover Pictured Cliffs and Fruitland tops. POH with tubing.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 942' - 725')**: Perforate 3 HSC squeeze holes at 942'. If casing tested establish rate into squeeze holes. Set 4-1/2" cement retainer at 892'. Establish rate into squeeze holes. Mix 175 sxs Class B cement, squeeze 155 sxs cement outside casing and leave 20 sxs inside casing to cover Kirtland and Ojo Alamo tops. POH and LD tubing with stinger.
10. **Plug #6 (10-3/4" casing shoe at 297')**: Perforate 3 HSC squeeze holes at 347'. Establish circulation out bradenhead valve. Mix approximately 180 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
11. ND BOP and cut off well head below surface casing flange. Install P3A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Bruington LS #4**Current****Basin Dakota****SW, Section 8, T-30-N, R-11-W, San Juan County, NM**

Today's Date: 12/14/98

Spud: 8/26/61

Completed: 10/9/61

Elev: 5767' KB

Workover: Oct 1998

15" Hole

10-3/4" 32.75#, H-40 Csg set @ 297'
220 sxs cement (Circulated to Surface)

Ojo Alamo @ 775'

Kirtland @ 892'

Workover History

Oct '98: Attempt to recomple well in MV; attempt to pull tubing, parted at 1805'; milled out tight spot in casing at 4350-5'; fished tubing found drilg mud in bottom joints; casing scraper only to 5698'; set RBP at 4903'; casing leaks from 3765' to 4465'; attempt to run CBL; recover RBP; LD tubing. Evaluate to P&A.

Fruitland @ 1835'

Top of Cmt @ 1775' (TS)

Pictured Cliffs @ 2184'

DV tool @ 2354'
Cmt w/ 170 sxs (285 cf)

Mesaverde @ 3874'

9-7/8" Hole to 4970'

Gallup @ 5662'

TOC @ 5950' (Calc, 75%)

Dakota @ 6686'

Dakota Perforations:
5620' - 6718'

COTD 6840'

7-7/8" Hole

4-1/2" 10.5#/11.5, J-55 Casing set @ 6871'
Cemented with 200 sxs (280 cf)

TD 6871'

Bruington LS #4

Proposed P&A

Basin Dakota

SW, Section 6, T-30-N, R-11-W, San Juan County, NM

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