Form 3160-5
(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.: NM 020504
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation:

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator: Conoco Inc.
3. Address and Telephone No.: 10 Desta Drive STE 100W, Midland, TX 79705 (915)686-5424
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 990' FNL & 1650' FEL, SEC. 6, T-29N, R-11W, UNIT LTR 'B'

8. Well Name and No.: FEDERAL #6
9. API Well No.: 30-045-[illegible]
10. Field and Pool, or Exploratory Area: CROUCH MESA [illegible]
11. County or Parish, State: SAN JUAN, 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 Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other RUN PROD. TBG.	☐ Dispose Water
		(Note: Report results of multiple completion on Well 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.)*

5-4-93 MIRU. PUMP 20 bbl 2% KCL DOWN CSG. POOH W/ 2 3/8" TBG & SEAL ASSEMBLY. RIH W/ 130 JST 1.66" TBG, REDRESSED SEAL ASSEMBLY, CROSSOVER, SEATING NIPPLE & BUMPER SPRING ON 1.660" OD 2.33# J-55 TBG TO BAKER MODEL 'D' PACKER @ 6405', POOH. GIH W/ 2 1/16" MUD ANCHOR 4' SLOTS W/ BULL PLUG 1 1/2" SN, 117 JTS 2 1/16" TBG. LAND @ 789', SN @ 3768'. RIH W/ 1.5 X 1.25 X 12" INSERT PUMP AND RODS.
5-12-93 RDMO. PLACED THE MESAVERDE ZONE ON PRODUCTION TO OBTAIN A CURRENT PRODUCTION RATE

THE BASIN DAKOTA IS CURRENTLY SHUT-IN PENDING THE POSSIBLITY OF SURFACE COMMINGLING THE TWO ZONES. THIS WILL BE LOCKED AT IN ABOUT 3 MONTHS.

Tbg set = 3800

RECEIVED
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
93 JUN -4 AM 11:34
070 FARMINGTON, NM

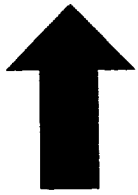
14. I hereby certify that the foregoing is true and correct
Signed [signature] Title SR. REGULATORY SPEC Date 6-1-93

(This space for Federal or State office use)
Approved by ______ Title ______ Date ______
Conditions of approval, if any:

ACCEPTED FOR RECORD
JUN 09 1993
FARMINGTON DISTRICT OFFICE
BY [signature]

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.

*See Instruction on Reverse Side



LTR

Job separation sheet

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SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: NM 020504
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation:

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator: Conoco, Inc.
3. Address and Telephone No.: 10 Desta Dr. Ste 100W, Midland, TX 79705
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 990' FNL & 1650' FEL, Sec. 6, T-29N, R-~~5W~~ 11W

8. Well Name and No.: Federal No. 6
9. API Well No.: 30-045-08835
10. Field and Pool, or Exploratory Area: Basin Dakota
11. County or Parish, State: San Juan, 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 Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Report results of multiple completion on Well 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 is proposed to plug and abandon this well according to the attached procedure and wellbore schematics.

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

Signed Tony McHoan Title Sr. Conservation Coordinator Date 7/25/95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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 St[illegible] or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

[illegible] MANAGER

PLUG AND ABANDONMENT PROCEDURE

7-7-95

Federal #6 (Dk/MV)
NE, Sec. 6, T29N, 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 to all NMOCD, BLM and Conoco safety rules and regulations.

2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP. POH and LD rods and pump. POH and LD 2-1/16" Mesaverde tubing.

3. Open bradenhead valve. Establish a rate down Dakota 1-1/4" and 2-3/8" tubing with 30 bbls water, record pump rate and pressure. Monitor casing for flow. If no flow or blow, then pump and monitor pressure and rate, to confirm perforations taking water and there is not a tubing leak.

4. **Plug #1 (Dakota perforations and top and Gallup top, 6540' - 5000')**: With tubing at 6405'; mix 49 sxs Class B cement and squeeze down tubing, displace with 16 bbls water into the Dakota perforations and up to 5000' in 2-3/8" tubing. Shut in tubing valve and WOC. RIH with wireline and tag cement. Back off 1-1/4" tubing at 4218'.

6. **Plug #2 (tubing stub, 4218' - 4118')**: Mix 12 sxs Class B cement and set a balanced plug from 4218' to 4118' inside casing over tubing stub. POH with tubing.

7. **Plug #3 (Mesaverde top, 3710' - 3532')**: RIH with 5-1/2' gauge ring to 3582'. PU and RIH with a 5-1/2" cement retainer and set at 3582'; pressure test tubing to 1000#. Establish rate into Mesaverde perforations. Mix and pump 41 sxs Class B cement, squeeze 29 sxs cement below retainer to fill Mesaverde perforations and spot 12 sxs above the retainer to 3532' to cover Mesaverde top. Pull above cement. Load well with water and circulate clean. Pressure test casing to 500#. POH to 2050'.

8. **Plug #4 (Pictured Cliffs top, 2050' - 1950')**: Mix 17 sxs Class B cement and spot balanced plug from 2050' to 1950' inside casing. POH with tubing.

9. **Plug #5 (Fruitland top, 1545' - 1445')**: Perforate 3 or 4 squeeze holes at 1545'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1495'. Establish rate into squeeze holes. Mix 46 sxs Class B cement and squeeze 29 sxs cement outside 5-1/2" casing to cover 1545' to 1445' and leave 17 sxs cement inside 5-1/2" casing to cover Fruitland top. POH and LD setting tool.

10. **Plug #6 (Kirtland and Ojo Alamo tops, 850' - 597')**: Perforate 3 or 4 squeeze holes at 850'. PU 5-1/2" cement retainer and RIH; set at 800'. Establish rate into squeeze holes. Mix 108 sxs Class B cement and squeeze 74 sxs cement outside 5-1/2" casing to cover 840' to 610' and leave 34 sxs cement inside 5-1/2" casing to cover Kirtland and Ojo Alamo tops. POH and LD setting tool and tubing.

11. **Plug #7 (Surface)**: Perforate 2 holes at 259'. Establish circulation out bradenhead valve. Mix approximately 120 sxs Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.

12. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors.

11. Restore location per BLM stipulations.

Federal #6

Current

Basin Dakota/Crouch Mesa Mesaverde

NE Section 6, T-29-N, R-11-W, San Juan County, NM

Today's Date: 7/7/95

Spud: 9/27/60

Completed:
Dakota - 11/14/60
Mesaverde - 10/61

Ojo Alamo @ 647'

Kirtland @ 800'

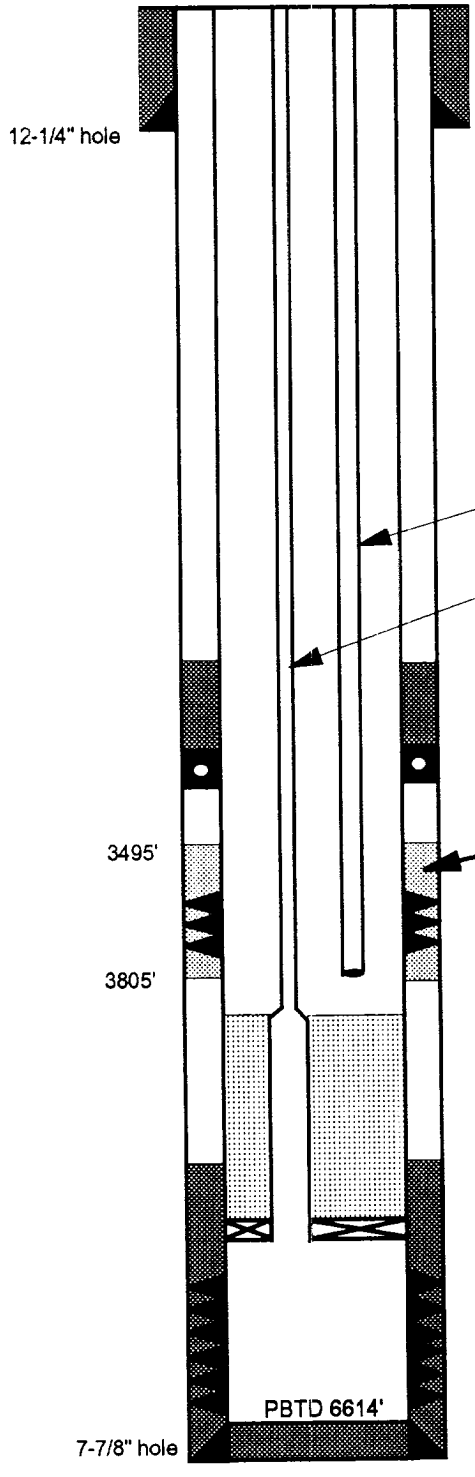
Fruitland @ 1495'

Pictured Cliffs @ 2000'

Mesaverde @ 3582'

Gallup @ 5600'

Dakota @ 6450'



10-3/4" 32.75# H-40 Csg set @ 209'
200 sxs cement (Circulated to Surface)

WORKOVER HISTORY

May '61: Set Model "D" at 6405'. Sqz holes at 3805' and 3495'. Cmt w/250 sxs. Ran 2" tbg and stung into Model D packer.

May '93: Found tbg stuck; backed off at 4218'; crossover to 1-1/4" tubing at 4218'; RIH with 2-1/16" tubing to 3800' for MV. Ran rods and pump.

2-1/16" tbg @ 3800' w/rods

1-1/4" tbg to 4218'
and 2-3/8" tbg to 6405'

Top of Cmt @ 1900' (CBL)

DV Tool @ 2197'
Cmt w/ 100 sxs

Perfed @ 3493 & 3805',
Sqzd with 250 sxs cement.

Mesaverde Perforations:
3695' - 3710'

1-1/4" X 2-3/8" Crossover @ 4218'

Top of Cmt @ 6200' (CBL)

Baker Model "D" Pkr @ 6405'

Dakota Perforations:
6458' - 6540'

5-1/2" 15.5# J-55 Casing @ 6681'

Federal #6

Proposed P & A

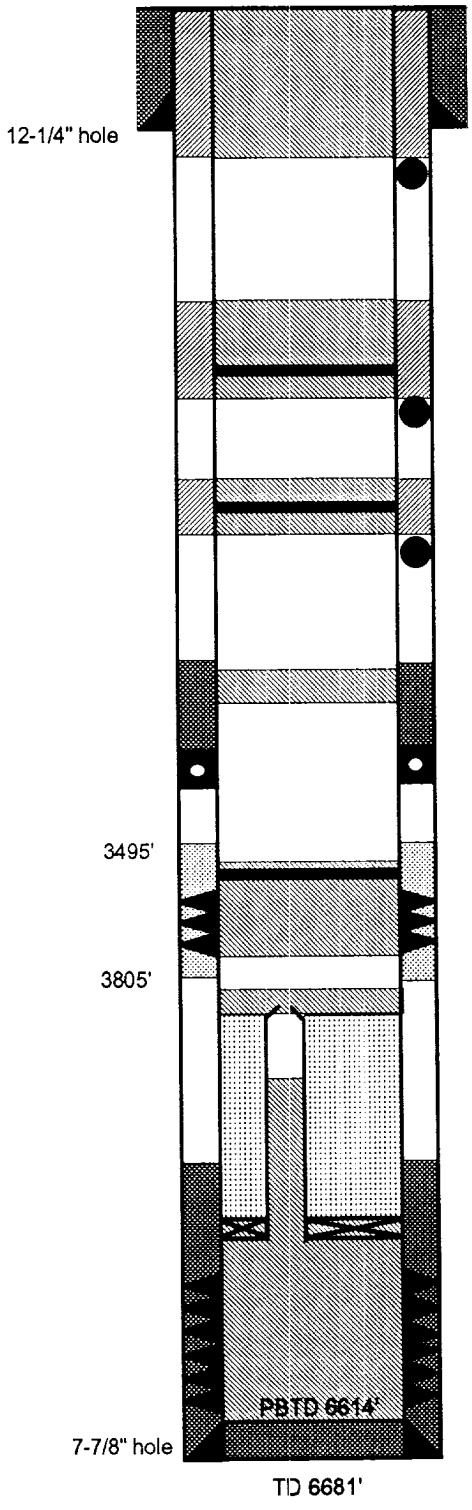
Basin Dakota/Crouch Mesa Mesaverde

NE Section 6, T-29-N, R-11-W, San Juan County, NM

Today's Date: 7/7/95

Spud: 9/27/60

Completed:
Dakota - 11/14/60
Mesaverde - 10/61



10-3/4" 32.75# H-40 Csg set @ 209'
200 sxs cement (Circulated to Surface)

Perforate @ 239'

Plug #6 239' - Surface
Cmt w/120 sxs Class B.

Ojo Alamo @ 647'

Kirtland @ 800'

Cement Rt @ 800'

Perforate @ 850'

Plug #6 850' - 597'
Cmt w/74 sxs outside casing
and 34 sxs inside casing.

Fruitland @ 1495'

Cement Rt @ 1495'

Perforate @ 1545'

Plug #5 1545' - 1445'
Cmt w/29 sxs outside casing
and 17 sxs inside casing.

Top of Cmt @ 1900' (CBL)

Pictured Cliffs @ 2000'

Plug #4 2050' - 1950'
Cmt w/17 sxs Class B.

DV Tool @ 2197'
Cmt w/ 100 sxs

Mesaverde @ 3582'

Cement Rt @ 3582'

Mesaverde Perforations:
3695' - 3710'

Plug #3 3710' - 3532'
Cmt w/29 sxs below CR
and 12 sxs above.

Plug #2 4218' - 4118'
Cmt w/17 sxs Class B.

Plug #1 6540' - 5000'
Cmt w/49 sxs Class B.

Gallup @ 5600'

Top of Cmt @ 6200' (CBL)

Baker Model "D" Pkr @ 6405'

Dakota @ 6450'

Dakota Perforations:
6458' - 6540'

5-1/2" 15.5# J-55 Casing @ 6681'
Cmt w/ 250 sxs