Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
98 SEP -4 AM 10:41
070 FARMINGTON, NM

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 015150

6 If Indian, Allonee or Tribe Name

7 If Unit or CA, Agreement Designation

1 Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Dry Hole

8 Well Name and No
Stove Canyon #1

2 Name of Operator
CONOCO INC.

9 API Well No
30-045-29480

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

10 Field and Pool, or Exploratory Area
Penn/Miss Wildcat

4 Location of Well (Footage, Sec., T, R, M, or Survey Description)
Section 1, T-27-N, R-8-W, K
1940' FSL & 1320' FWL

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

RECEIVED
SEP 14 1998
OIL CON. DIV.
DIST. 3

14 I hereby certify that the foregoing is true and correct

Signed Kay Maddox Title KAY MADDOX Regulatory Agent Date September 2, 1998

(This space for Federal or State office use)

Approved by /S/ Duane W. Spencer Title _____ Date SEP 10 1998

Conditions of approval, if any

BLM(6), 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

*See Instruction on Reverse Side

NMOCD

Stove Canyon #1
Penn/Miss Wildcat
1940' FSL, 1320' FWL / SW Section 1, T-27-N, R-8-W
San Juan Co., 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 location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.

2. Tally 2-3/8" tubing workstring while TIH and tag cement plug at 7280'. Establish circulation and then pressure test casing to 1500#. If casing does not test, then spot or tag subsequent plugs as appropriate.

3. **Plug #1 (Gallup top, 6348' - 6248'):** Mix 52 sxs Class B cement and spot a balanced plug inside casing to cover Gallup top. PUH to 4810'.

4. **Plug #2 (Mesaverde top, 4810' - 4710'):** Mix 52 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 4090'.

5. **Plug #3 (Chacra top, 4090' - 3990'):** Mix 52 sxs Class B cement and spot a balanced plug inside casing to cover Chacra top. TOH with tubing.

6. **Plug #4 (13-3/8"casing shoe, 3400' – 3300'):** Perforate 9-5/8" casing with 6 HSC squeeze holes. If casing tested then establish rate into squeeze holes. Set 9-5/8" wireline cement retainer 3350'. TIH with tubing and sting into retainer. Establish rate into squeeze holes. Mix 110 sxs Class B cement, squeeze 58 sxs outside 9-5/8" casing and leave 52 sxs inside casing to cover 13-3/8" casing shoe. TOH with tubing.

7. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo outside casing tops, 3145' – 2130'):** Perforate 6 HSC squeeze holes at 3145'. Establish rate into squeeze holes if casing tested. Set 9-5/8" wireline cement retainer 3100'. TIH with tubing and sting into retainer. Establish rate into squeeze holes. Mix and pump 218 sxs lightweight Class B cement with 2% SMA (2.06 cf/sx, 11.7 gals/sx, 12.5 ppg), squeeze 188 sxs outside 9-5/8" casing into annulus from 3145' to 2130' and leave 30 sxs inside casing from 3145' to 3045' to cover Pictured Cliffs top. PUH to 2854.

8. **Plug #6 (Fruitland top, 2854' - 2754'):** Mix 30 sxs lightweight Class B cement with 2% SMA (2.06 cf/sx, 11.7 gals/sx, 12.5 ppg) and spot a balanced plug inside casing. PUH to 2412'.

9. **Plug #7 (Kirtland and Ojo Alamo top, 2412' - 2130'):** Mix 57 sxs sxs lightweight Class B cement with 2% SMA (2.06 cf/sx, 11.7 gals/sx, 12.5 ppg) and spot a balanced plug inside casing to cover Ojo Alamo top. TOH with tubing.

Stove Canyon #1

Continued:

10. **Plug #8 (Nacimiento top, 1290' - 1190'):** Perforate 6 HSC squeeze holes at 1290'. Establish rate into squeeze holes if casing tested. TIH with open ended tubing to 1290' and load casing. Mix and spot 98 sxs Class B cement inside 9-5/8" casing, pull tubing out of cement and squeeze 46 sxs into annulus outside 9-5/8" casing from 1290' to 1190' and leave 52 sxs inside casing to cover Nacimiento top. TOH.

11. **Plug #9 (20" casing shoe at 298'):** Perforate 4 HSC squeeze holes at 348'. Establish rate into squeeze holes if casing tested. TIH with open ended tubing to 348' and load casing. Mix and spot 98 sxs Class B cement inside 9-5/8" casing, pull and LD tubing then squeeze 46 sxs into annulus outside 9-5/8" casing from to cover 20" casing shoe.

12. **Plug #10 (Surface):** Perforate 4 squeeze holes at 90'. Establish circulation out bradenheac valve. Mix approximately 33 sxs Class B cement and pump down 9-5/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.

13. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Stove Canyon #1

Current

Penn/Miss Wildcat

SW, Section 1, T-27-N, R-8-W. San Juan County, NM

Today's Date: 8/27/98
Spud: 11/8/97
T&A: 1/15/98
Elevation: 6703' GL
6730' KB

36" Hole

26" Hole to 298'

30" 120# Csg Set @ 40'
Cmt w/ 3-1/2 yards (Cir to Surface)

Cement circulated to surface

20" 94# Casing set @ 298'
Cmt w/534 sxs

Nacimiento @ 1240'

Ojo Alamo @ 2180'

Kirtland @ 2362'

Fruitland @ 2804'

Pictured Cliffs @ 3095'

17-1/2" Hole to 3350'

13-3/8" 61#/54.5# Casing set @ 3350'
Cmt w/1930 sxs

TOC @ 3644' (CBL)

Chacra @ 4040'

Mesaverde @ 4760'

Gallup @ 6298'

Plug - 7729' - 7280', w/295 cf

Dakota @ 7373'

12-1/4" Hole to 7508'

9-5/8" 47# Casing set @ 7508'
Cmt w/1130 sxs

Morrison @ 7694'

Plug - 8789' - 7729', w/416 cf

Entrada/Bluff @ 8553'

DeChelly @ 9553'

Plug - 9614' - 9414, w/111 cf

Plug - 11,450' - 11,250', w/112 cf

Rico @ 11,321'

Plug - 13,664' - 13,524', w/104 cf

Leadville @ 13,592'

TD 13,956'

Open Hole to TD

Stove Canyon #1

Proposed P&A

Penn/Miss Wildcat

SW, Section 1, T-27-N, R-8-W, San Juan County, NM

Today's Date: 8/27/98
Spud: 11/8/97
T&A: 1/15/98
Elevation: 6703' GL
6730' KB

36" Hole

26" Hole to 298'

Nacimiento @ 1240'

Ojo Alamo @ 2180'

Kirtland @ 2362'

Fruitland @ 2804'

Pictured Cliffs @ 3095'

17-1/2" Hole to 3350'

Chacra @ 4040'

Mesaverde @ 4760'

Gallup @ 6298'

Dakota @ 7373'

12-1/4" Hole to 7508'

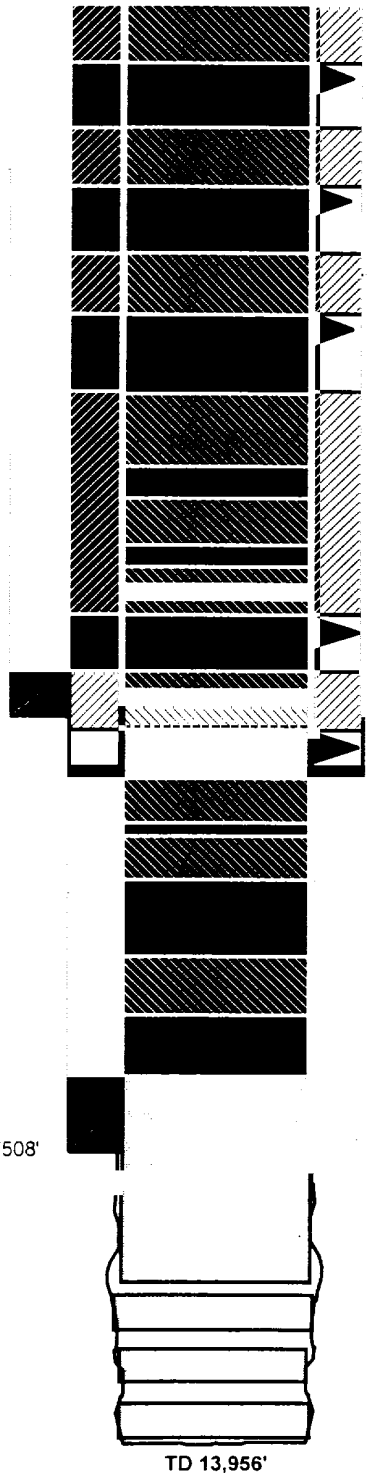
Morrison @ 7694'

Entrada/Bluff @ 8553'

DeChelly @ 9553'

Rico @ 11,321'

Leadville @ 13,592'



TD 13,956'

Plug #10 90' - Surface
Cmt with 33 sxs Class B

30" 120# Csg Set @ 40'
Cmt w/ 3-1/2 yards (Cir to Surface)

Cement circulated to surface

20" 94# Casing set @ 298'
Cmt w/534 sxs

Plug #9 348' - 248'
Cmt with 98 sxs Class B,
46 sxs out and 52 sxs in.

Perforate @ 348'

Plug #8 1290' - 1190'
Cmt with 98 sxs Class B,
46 sxs out and 52 sxs in.

Perforate @ 1290'

Plug #7 2412' - 2130'
Cmt w/ 57 sxs 2% SMA B

Plug #6 2854' - 2754'
Cmt w/ 30 sxs 2% SMA B

Plug #5 3145 '- 2130'
Cmt w/ 218 sxs 2% SMA B,
188 sxs outside and
30 sxs inside, 3145'-3045'

Cmt Retainer @ 3100'
Perforate @ 3145'

13-3/8" 61#/54.5# Casing set @ 3350'
Cmt w/1930 sxs

Plug #4 3400' - 3300'
Cmt with 110 sxs Class B,
58 sxs out and 52 sxs in.

Cmt Retainer @ 3350'
Perforate @ 3400'

TOC @ 3644'
(CBL)

Plug #3 4090' - 3990'
Cmt with 52 sxs Class B

Plug #2 4810' - 4710'
Cmt with 52 sxs Class B

Plug #1 6348' - 6248'
Cmt with 52 sxs Class B

Plug - 7729' - 7280', w/295 cf

9-5/8" 47# Casing set @ 7508'
Cmt w/1130 sxs

Plug - 8789' - 7729', w/416 cf

Plug - 9614' - 9414, w/111 cf

Plug - 11,450' - 11,250', w/112 cf

Plug - 13,664' - 13,524', w/104 cf

Open Hole to TD