

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.

NM 020504

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal No. 18

9. API Well No.

3004520657

10. Field and Pool, or Exploratory Area
Pictured Cliffs

11. County or Parish, State

San Juan, NM

SUBMIT IN TRIPLICATE

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)

Unit G, 1520' FNL & 1850' FEL

Sec. 6, T-29N, R-11W

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ 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 perform the following operations in order to prepare this well for plug and abandonment:

1. POH & tally 1-1/4" tbg.
2. RIH w/open ended tbg to 2008'.
3. Pump 50 sx Class 'B' cmt from 2008-1100'. (covers PC & Fruitland perms).
4. Pressure test csg to 500#.
5. Perf 4 holes at 1100'. Est rate into squeeze holes.
6. RIH and set cmt ret @ 1000'. Press test tbg to 1000#.
7. Pump and squeeze 81 sx Class 'B' cmt. Spot 5 sx cmt on top of cmt ret.
8. Pump 43 sx cmt from 900-164'.
9. Perf 2 holes @ 164'.
10. Pump 60 sx cmt down csg until circ out bradenhead.
11. Cut off wellhead & install P&A marker.

RECEIVED

OCT 22 1992

OIL CON. DIV
DIST. 3

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

Signed

Title

Sr. Conservation Coordinator

Date

10-12-92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

APPROVED

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

601-16 1992
AREA MANAGER

September 18, 1992

Federal #18 (PC)
NE, Sec. 6, T29N, R11W
San Juan County, New Mexico

PLUG AND ABANDONMENT PROCEDURE:

1. MOL and RUSU. Comply to all NMOCD, BLM and Conoco Safety rules and regulations.
2. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 1-1/4" tubing; RIH with open ended tubing to 2008'.
4. Plug #1 from 2008' to 1100' with 50 sxs Class B cement (covers PC perms and Fruitland) POH and shut in well.
5. WOC then RIH and tag cement. Pressure test casing to 500#.
6. Perforate 4 holes at 1100' (50' below top Kirtland, estimate); establish rate into squeeze holes (See Note Below); PU 3-1/2" Cmt Rt and RIH to 1000' and set CR; pressure test tubing to 1000#.
7. Plug #2 from 1100' to 900' (50' above top of Ojo Alamo, estimate) with 43 sxs Class B cement, squeeze 38 sxs under CR and then spot 5 sxs on top CR. POH and LD setting tool.
8. RIH with open ended tubing tag cement. Plug #3 from 900' to 164' with 43 sxs cement; POH and LD tubing.
9. Perforate 2 holes at 164' (50' below surface casing shoe); establish circulation out bradenhead valve. Plug #4 - pump cement down casing until good cement circulates out bradenhead; approx. 60 sxs; shut in well.
10. ND BOP and cut off wellhead below ground level and install dry hole marker. RD and MOSU.
11. Restore location to BLM stipulations.

Note: Cement top in 3-1/2 X 6-3/4" annulus unknown; primary volume was sufficient to circulate to surface however no cement to surface was reported; good circulation during cementing. Squeeze holes at 1100' may not take fluid. If unable to pump into then perforate again at 900' and attempt to inject. Cover all perforations with cement inside.

WELL COMPLETION SKETCHES

WELL

FEDERAL #18

FIELD

FULCHER KUTZ (PC)

DATE

9/4/92



PRESENT COMPLETION



SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

KB 5830' (12' AGL)

SURFACE CASING - 8 5/8"
O.D. 24# SET AT 114' W/
55 SKS CMT (12 1/4" HOLE)
(CIRCULATED CMT)

TOL - ?

(GOOD RETURNS - BUT DID NOT
HAVE ANY CMT RETURNS)

PBTD - 2159'

PRODUCTION CASING - 3 1/2"
O.D. 7.70# SET AT 2196'
W/ 375 SKS CMT (6 3/4" HOLE)

TD - 2200'

DATA ON THIS COMPLETION

LOCATION: 1520' FNL & 1850'
FEL, SECTION 6 - T29 N - R11 W

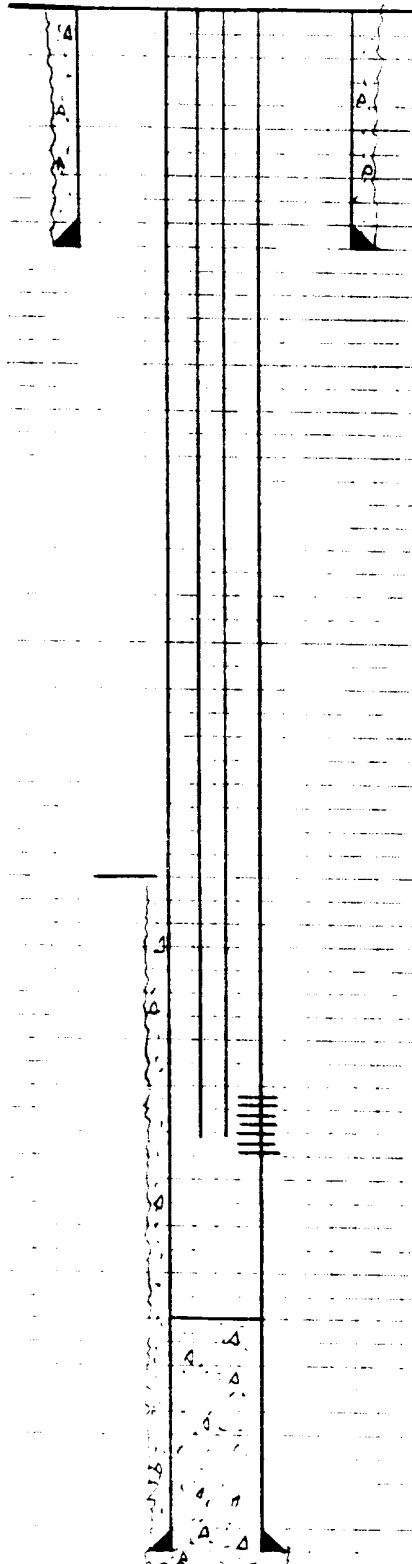
TUBING STRING - 1.660" O.D.
2.30# J-55 10 RD NU SET
AT 2001'

est. T/O TO ALAMO @ 1000'

T/PICTURED CLIFFS @ 1992'

PERFS: 1992-2008 w/ 1451

FRACED W/ 50,000 - 20/47 SD
COMPLETED 10/30/70



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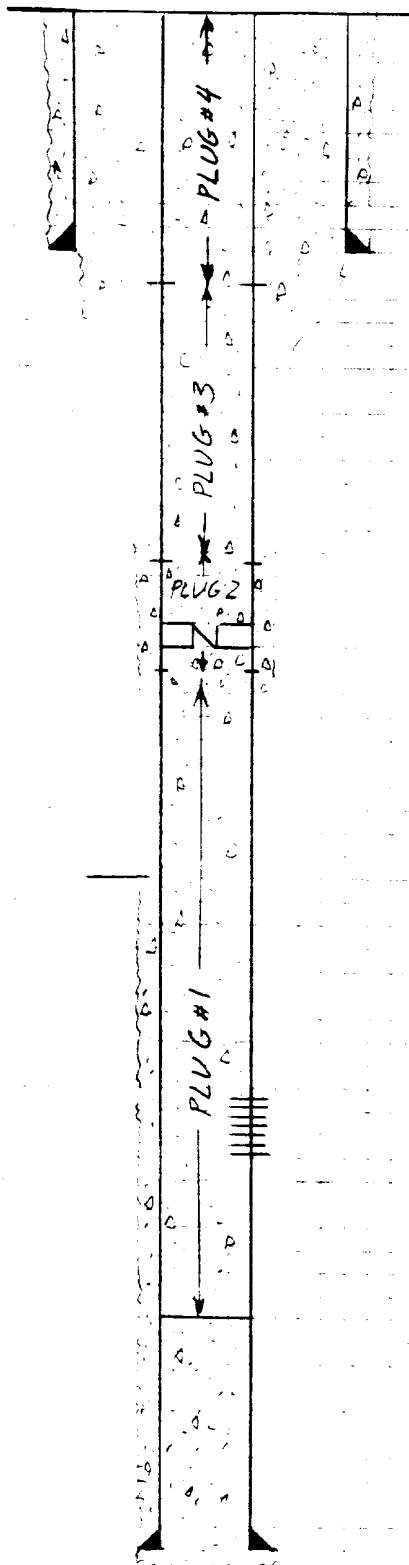
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DATA ON THIS COMPLETION

LOCATION: 1520 FNL & 1550

FEL, SECTION 6 - T29 N - R11 W

CIRCULATION HOLES - 164'

ALTERNATE SQZ PERFS - 900'

(est. T/OJO-ALAMO @ 1000')

CMT RETAINER - 1000'

SQZ PERFS - 1100'

T/Pictured Cliffs @ 1992'

PERFS: 1992-2009 w/ 1454'

FRACED w/ 50,000 - 20/70

COMPLETED 10/30/70

SCHLUMBERGER

COMPENSATED FORMATION DENSITY LOG

Gamma Gamma

COUNTY SAN JUAN, N.M.
 FIELD or LOCATION FULCHER KUTZ P.C.
 WELL FEDERAL #18

COMPANY PUBCO PET. CORP.

COMPANY PUBCO PETROLEUM CORPORATION

WELL FEDERAL #18

FIELD FULCHER KUTZ PICTURED CLIFFS

COUNTY SAN JUAN STATE NEW MEXICO

Location: 1520' FNL 1850' FEL

Other Services:

Sec. 6 Twp. 29N Rge. 11W

IES

Permanent Datum: GL; Elev.: 5819
 Log Measured From KB, 11 Ft. Above Perm. Datum
 Drilling Measured From KB

Elev.: K.B. 5830
D.F. 5829
G.L. 5819

Date 9/19/70

Run No. ONE

Type Log FDC/GR

Depth—Driller 2200

Depth—Logger 2181

Bottom logged interval 2180

Top logged interval 1110

Type fluid in hole FGM

Salinity, PPM Cl. --

Density 9.3

Level FULL

Max rec. temp., deg F. TLTM

Operating rig time 2 HRS.

Recorded by OREN

Witnessed by MR. WALKER

BORE-HOLE RECORD

CASING RECORD

Run No.	Bit	From	To	Size	Wgt.	From	To
1	6 3/4	CSG	TD	8 5/8	--	SURF	113

DETAIL LOG

5" = 100'

CALIPER

HOLE DIAM. IN INCHES

5 7 9 11 13 15
 6 8 10 12 14

GAMMA RAY

API UNITS

0 200
 200 400

DEPTHS

SANDSTONE POROSITY — %

GRAIN DENSITY 2.65 GRAMS/CC

CORRECTION
 GRAMS/CC.

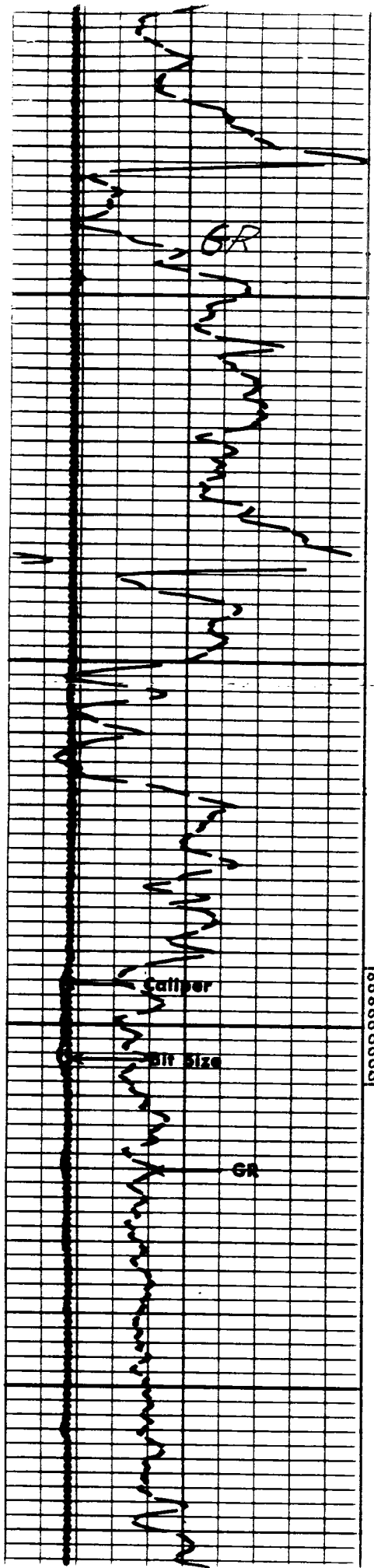
BULK DENSITY

GRAMS/CC.

26 16 6 4 2 0

2.0 2.5 3

1.0 1.5 2

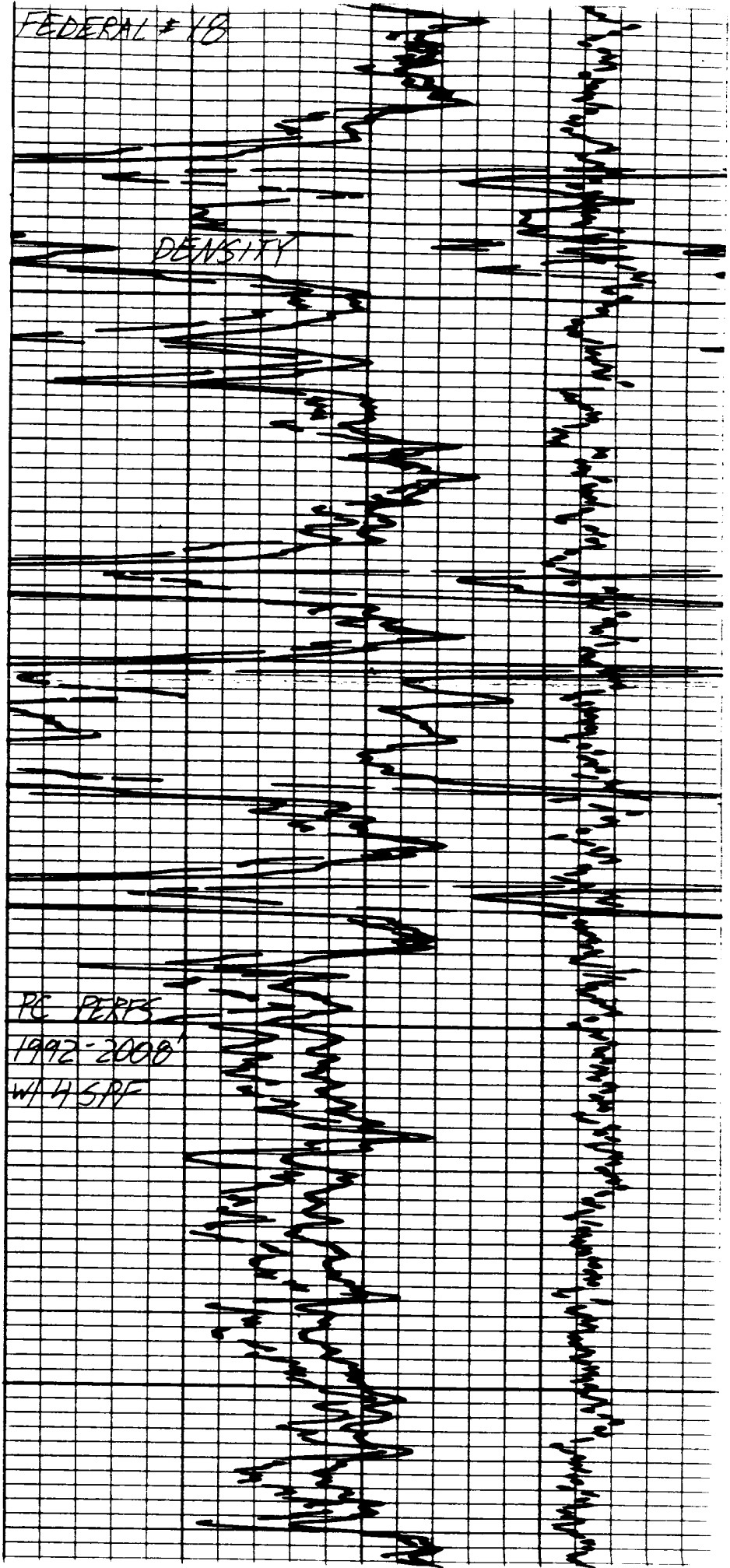


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FEDERAL # 18



FEDERAL #18

RESISTIVITY

COND

800

2000

1992' (+3838')

Disturbed 21111

1992'-2008' 4 holes

1992'-2008 30,220 gal fresh wtr & 50,000 # 20/40 sd.

1 1/4" Thq. sep, 2001'