

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

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Designation and Serial No. SF 076554
2. Name of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M. or Survey Description) Section 30, T-32-N, R-10-W, (M) 1184' FSL & 1112' FWL		8. Well Name and No. Hamilton Federal #3
		9. API Well No. 30-045-26910
		10. Field and Pool, or Exploratory Area Cedar Hill Fruitland Basal Oal
		11. County or Parish, State San Juan, NM

RECEIVED
MAR - 5 1999
OIL CON. DIV.
DET. 3

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 T & A	☐ Dispose Water

(Note: Repon 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.)*

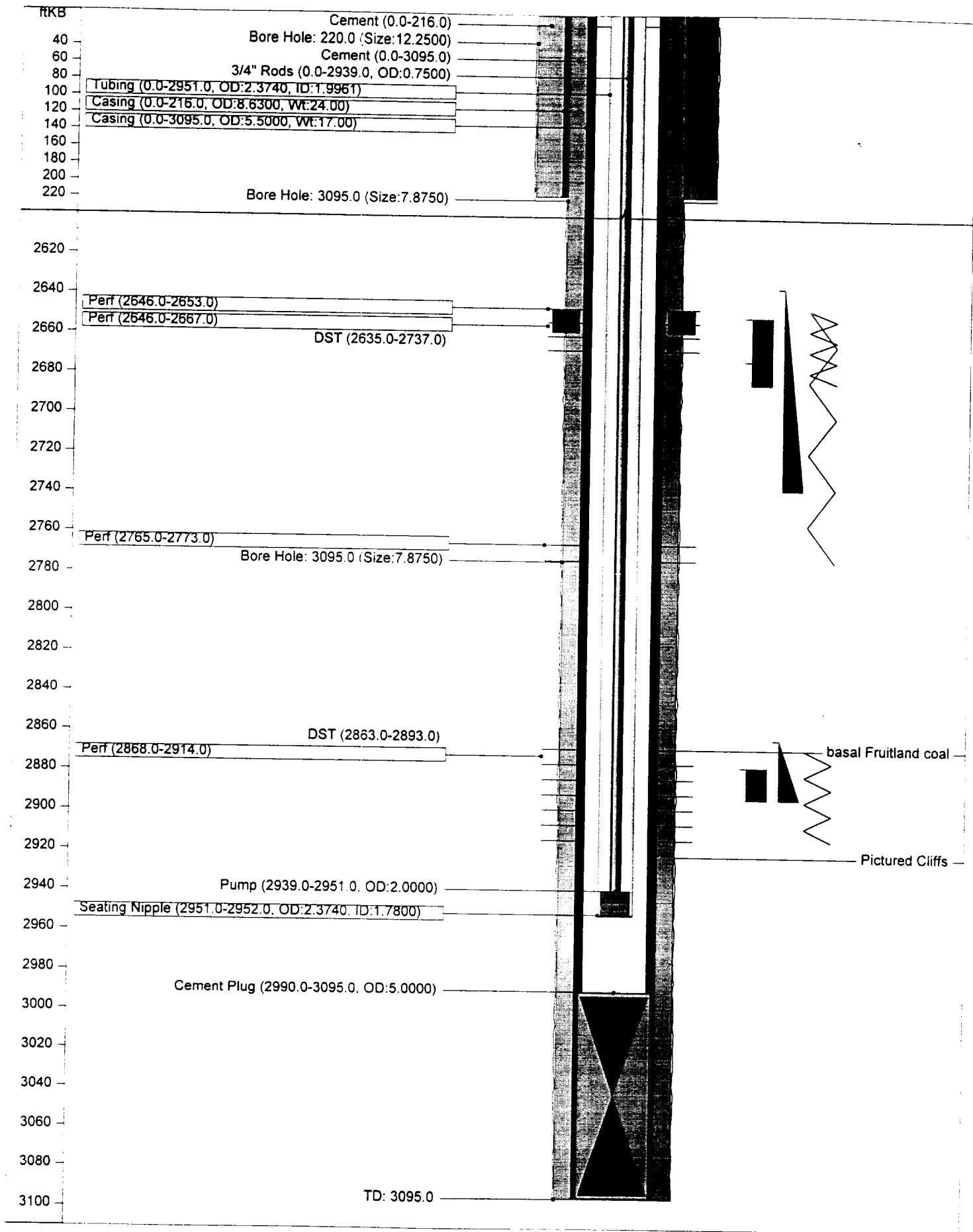
Conoco, Inc would like to temporarily abandon this well because there remains possible Pictured Cliffs potential.
It is proposed to temporarily abandon this well using the following procedure:

- 1. RU on well, POOH w/2939' of 2 3/8" tbg, rods and pump (kill well if necessary w/water)
- 2. W/existing cement plug top @ 2990', and FC perfs from 2646-2914', RIH & set CIBP @ 2600' in the 5 1/2" csg
- 3. RD. Clean off location

THIS APPROVAL EXPIRES MAR 01 2000

14. I hereby certify that the foregoing is true and correct		Signed <u>Kay Maddox</u> Title <u>Regulatory Agent</u> Date <u>February 24, 1999</u>	
(This space for Federal or State office use)			
Approved by <u>/S/ Duane W. Spencer</u> Title <u>Team Lead, Petroleum Management</u> Date <u>3 1999</u>			
Conditions of approval if any:			

HAMILTON FEDERAL 3 (GMH 10/6/97)



HAMILTON FEDERAL 3 (GMH 10/6/97)

HAMILTON FEDERAL 3 (GMH 10/6/97)

API Code	300452691000	Field Code	676394530
TD	3095.0 ftKB	Basin	SAN JUAN BASIN
PBTD	2990.0 ftKB	Basin Code	580
State	New Mexico	Permit	04-Apr-88
County	SAN JUAN	Spud	17-May-88
District	San Juan O.U.	Finish Dri	25-May-88
Permit No.	Coal	Completion	27-Jul-88
TD Measured	3100 ftKB	Abandon	
Reservoir	Fruitland Coal		
Field	CEDAR HILL FRT COAL		

Location

Meridian	NM	Top Latitude	36.95218
Township	32N	Top Longitude	107.9285
Range	10W	Top NS Distance	1184.0 ft S
Section	30	Top EW Distance	1112.0 ft W
Quarter	NE SW SW	Bottom Latitude	0
		Bottom Longitude	0
		Btm NS Distance	0.0 ft
		Btm EW Distance	0.0 ft

Elevations

KB	6111.0 ft	Cas Flng	0.0 ft
Grd	6099.0 ft	Tub Head	0.0 ft
KB-Grd	12.0 ft		

Bore Hole Data

Depth (ftKB)	Size (in)
220.0	12.2500
3095.0	7.8750

Casing String - Surface Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
8.6300 in Casing	216.0	5	8.1000	24.00	K-55	ST&C	

Casing String - Production Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
5.5000 in Casing	3095.0	74	4.8900	17.00	N-80	LT&C	

Casing Cement

Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	114	Cement circ
Production Casing	0.0	750	TOC by CBL, cement circ.

Other (plugs, equip., etc.) - Plug Backs

Date	Item	Int (ftKB)	Comments
13-Jun-88	Cement Plug	2990.0 - 3095.0	

Perforations

Date	Int	Shots (/ft)	Type	Comments
14-Jun-88	2868.0 - 2914.0	8.0		208-.42" EHD @ 2868-88, 2908-14
01-Jul-90	2646.0 - 2667.0	4.0		@ 2646-58, 2662-67, 2671-83. Guns cross wired, did not perf as planned.
04-Jul-90	2646.0 - 2653.0	4.0		
04-Jul-90	2765.0 - 2773.0	4.0		

Stimulations & Treatments

Date	Type	Zone	Int	Fluid	Comments
14-Jun-88	Breakdown	Fruitland Coal	2868.0 - 2914.0	Water	3000 G freshwater w/ 300 BS dn tbg @ 9.5 bpm @ 2300#, ISIP=1900#. BD @ 1300#.
17-Jul-88	Fracture	Fruitland Coal	2868.0 - 2914.0	Water	64,800 G 30# borate xlink gel w/ 12,000# 40/70 & 154,400# 12/20 Brady @ 55 bpm. ATP=3110#, ISIP=3000#.
01-Jul-90	Breakdown	Fruitland Coal	2646.0 - 2683.0	Water	850 G, BD @ 1700#, AIR=6.2 bpm @ 1600#, ISIP=800#.
02-Jul-90	Cement Squeeze	Fruitland Coal	2646.0 - 2658.0	Cement	Sqz w/ 30 sx below a retainer to 2500#. DO, test 1500#, OK.
05-Jul-90	Fracture	Fruitland Coal	2646.0 - 2773.0	Water	82,700 G 30# xlink w/ 18,000# 40/70 Az. ATP=60-50 bpm, ISIP=1940#, FG=1.15 psi/ft.

Tubing String - Primary Tubing

Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.3740 in Tubing	0.0	2951.0	96	1.9961	4.70	J-55	8rd EUE	
2.3740 in Seating Nipple	2951.0	1.0		1.7800	0.00	J-55	8rd EUE	Notched Collar on bottom

Rod String - 3/4" Rod String

Size (in)	Type	Top (ftKB)	Len (ft)	No.	Comments
0.7500 3/4" Rods		0.0	2939.0	116	
2.0000 Pump		2939.0	12.0		2" x 1-1/4" x 6' x 9' x 11" RHBC

HAMILTON FEDERAL 3 (GMH 10/6/97)

Formation/Horizon Tops

Top (ftKB)	Formation
1610.0	Farmington
2214.0	lwr Kirtland sh
2510.0	Fruitland
2868.0	basal Fruitland coal
2922.0	Pictured Cliffs

Cores

Int	Rcv'd (ft)	Fluid	Comments
2650.0 - 2672.0	18.5		Shale, sand & coal, lost 1st 4' of core
2672.0 - 2684.0	10.0		Shale & coal, lost bottom 2' of core.
2877.0 - 2893.0	15.0		Coal

DST's

Date	Int (ftKB)	Formation
22-May-88	2635.0 - 2737.0	Upper Fruitland Coal
23-May-88	2863.0 - 2893.0	Basal Fruitland Coal

Logs Run

Date	Type	Int	Company	Comments
25-May-88	DEN/NEU, IND, Sonic	216.0 - 3093.0	Welex	
14-Jun-88	GR-CBL	50.0 - 2990.0	Schlumberger	
17-Jul-88	After Frac, TEMP	2400.0 - 2999.0	Welex	
01-Jul-90	GR-CBL	2000.0 - 2850.0	Apollo	
07-Jul-90	After Frac	2550.0 - 2994.0	Halliburton	

Pumping Unit Notes

Date	Note
27-Jul-88	Continental Emsco 114 @ 12 spm.

General Notes

Date	Note
26-Jul-88	Well is a paraffin producer, has also produced scale.
27-Jul-88	Initial Potential: P 260 MCFGPD; 50 BWPD
01-Jul-91	Conoco assumed operations from Mesa
06-Oct-97	Tops from Dwights

HAMILTON FEDERAL 3 (GMH 10/6/97)

HAMILTON FEDERAL 3 (GMH 10/6/97)

API Code	300452691000	Field Code	676394530
TD	3095.0 ftKB	Basin	SAN JUAN BASIN
PBTD	2990.0 ftKB	Basin Code	580
State	New Mexico	Permit	04-Apr-88
County	SAN JUAN	Spud	17-May-88
District	San Juan O.U.	Finish Drl	25-May-88
Permit No.	Coal	Completion	27-Jul-88
TD Measured	3100 ftKB	Abandon	
Reservoir	Fruitland Coal		
Field	CEDAR HILL FRT COAL		

Event History

Date	Event	Description
06-Oct-97	Note	Tops from Dwights
19-Sep-91	Rod Run	2.0000in, Pump, 0.7500in, 3/4" Rods, No: 116
01-Jul-91	Note	Conoco assumed operations from Mesa
28-Jul-90	Tub Run	2.3740 in Seating Nipple, ID: 1.7800in, 2.3740 in Tubing, Jnts: 96, ID: 1.9961in
07-Jul-90	Log	After Frac, 2550.0 - 2994.0ftKB, Halliburton
05-Jul-90	Stim/Treat	Fracture, 2646.0 - 2773.0ftKB
04-Jul-90	Perf	2765.0 - 2773.0ftKB, 4.0/ft, 2646.0 - 2653.0ftKB, 4.0/ft
02-Jul-90	Stim/Treat	Cement Squeeze, 2646.0 - 2658.0ftKB
01-Jul-90	Stim/Treat	Breakdown, 2646.0 - 2683.0ftKB
01-Jul-90	Perf	2646.0 - 2667.0ftKB, 4.0/ft
01-Jul-90	Log	GR-CBL, 2000.0 - 2850.0ftKB, Apollo
27-Jul-88	Note	Initial Potential: P 260 MCFGPD; 50 BWPD, Continental Emsco 114 @ 12 spm.
26-Jul-88	Note	Well is a paraffin producer, has also produced scale.
17-Jul-88	Stim/Treat	Fracture, 2868.0 - 2914.0ftKB
17-Jul-88	Log	After Frac, TEMP, 2400.0 - 2999.0ftKB, Welex
14-Jun-88	Stim/Treat	Breakdown, 2868.0 - 2914.0ftKB
14-Jun-88	Perf	2868.0 - 2914.0ftKB, 8.0/ft
14-Jun-88	Log	GR-CBL, 50.0 - 2990.0ftKB, Schlumberger
13-Jun-88	Other Run	Cement Plug, 2990.0 - 3095.0ftKB, OD: 5.0000in
26-May-88	Cas Cmnt	Production Casing, Top Found At 0.0ftKB, With 750sx
26-May-88	Cas Run	5.5000 in Casing, Jnts: 74, ID: 4.8900in
25-May-88	Log	DEN/NEU, IND, Sonic, 216.0 - 3093.0ftKB, Welex
25-May-88	Bore Hole	7.8750in, Depth 3095.0ftKB
23-May-88	DST	2863.0 - 2893.0ftKB, Basal Fruitland Coal
23-May-88	Cored	2877.0 - 2893.0ftKB, Rcv'd 15.0ft, Comments Coal
22-May-88	DST	2635.0 - 2737.0ftKB, Upper Fruitland Coal
21-May-88	Cored	2672.0 - 2684.0ftKB, Rcv'd 10.0ft, Comments Shale & coal, lost bottom 2' of core.
20-May-88	Cored	2650.0 - 2672.0ftKB, Rcv'd 18.5ft, Comments Shale, sand & coal, lost 1st 4' of core
17-May-88	Cas Cmnt	Surface Casing, Top Found At 0.0ftKB, With 114sx
17-May-88	Cas Run	8.6300 in Casing, Jnts: 5, ID: 8.1000in
17-May-88	Bore Hole	12.2500in, Depth 220.0ftKB