

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. C. Cons. Division
P.O. Box 1980
Hobbs, NM 88241

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

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

Section 27, T-21-S. R-37-E, D
330' FNL & 330' FWL

5. Lease Designation and Serial No.

LC 032096A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lockhart A 27 # 12

9. API Well No.

30-025-06796

10. Field and Pool, or Exploratory Area

Tubb Oil & Gas (60240)

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Repon
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Temporarily Abandon

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracrunng
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

INote: Reponresultsof multiplecompletionWdl
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 temporarily abandon this well using the following procedure:

1. RU Well Service unit, Pull rods
2. Dump 35' Cemnet on top of CIBP @ 7560', Set CIBP @ 7380', dump 35' Cmt on top (5ft)
3. Fill casing with inhibited brine water and tst to 500 psig
4. Send chart to file subsequent

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Signed

Kay Maddox

Title

Kay Maddox

Regulatory Agent

Date

June 3, 1998

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

Title

PETROLEUM ENGINEER

Date

JUN 11 1998

BLM(6), NMOC(1), 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

LOCKHART A-27 #12 (SLB 01/27/98)

LOCKHART A-27 #12 (SLB 01/27/98)

API No.	30025067960000	Status	GAS
TD	7615.0 RKB	Frm. at TD	201ELBG
PBTD	7560.0 RKB	Frm. Prod.	452TUBB
Operator	CONTINENTAL OIL	Permit	
Well No.	12	Spud	22-Feb-52
Permit No.		RR	
Field	TUBB	Completion	01-May-52
District	Hobbs O.U.	Last Act.	
Init. Well Class.	development well	Abandoned	
Final Well Class.	gas well		
Location			
Township	S02T	Top Latitude	32.45623
Half Township		Top Longitude	103.1581
Range	E037	Top NS Distance	330.0 ft N
Half Range		Top EW Distance	330.0 ft W
Section	27	Bottom Latitude	0
Spot	D	Bottom Longitude	0
Meridian Code	New Mexico	Btm NS Distance	0.0 ft
Meridian	NEW MEXICO	Btm EW Distance	0.0 ft
Elevations			
KB	3429.0 ft	Cas Fing	0.0 ft
Grd	3419.0 ft	Tub Head	0.0 ft
KB-Grd	10.0 ft		

Bore Hole Data

Depth (ftKB)	Size (in)
255.0	
2743.0	13.3750
7615.0	9.8750
	6.5000

Casing String - Surface Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
10.7500 in Casing	255.0	6	10.0600	40.00			

Casing String - Intermediate Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
7.6300 in Casing	2743.0	65	6.9700	26.40	J-55	8rd	

Casing String - Production Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
5.5000 in Casing	7614.0	181	5.0100	14.00	J-55	8rd	

Casing Cement

Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	225	Cmt circ
Intermediate Casing	0.0	1150	Cmt circ
Production Casing	3140.0	415	TOC by TS

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

Date	Item	Int (ftKB)	Comments
09-Apr-52	Cement Plug	7612.0 - 7615.0	

Other (plugs, equip., etc.) - Untitled

Date	Item	Int (ftKB)	Comments
12-Apr-52	C.I.B.P.	7560.0 - 7565.0	

Perforations

Date	Int	Shots (ft)	Type	Comments
12-Apr-52	7435.0 - 7442.0	4.0		
12-Apr-52	7525.0 - 7547.0	4.0		
12-Apr-52	7564.0 - 7590.0	4.0		
13-Apr-52	6115.0 - 6205.0	4.0		
13-Apr-52	7404.0 - 7424.0	4.0		

Stimulations & Treatments

Date	Type	Zone	Int	Fluid	Comments
12-Apr-52	Acid Squeeze	McKee	7435.0 - 7442.0	Mud Acid	Acidz w/500 G mud acid. Tested no oil or wtr w/3.71 MCF gas. Set Baker bridge plug @ 7430'
12-Apr-52	Acid Squeeze	McKee	7525.0 - 7547.0	Mud Acid	Acidz w/500 G mud acid. Acid did not take.
12-Apr-52	Acid Squeeze	Connell	7564.0 - 7590.0	Mud Acid	Acidz w/500 G mud acid. On 3 hr test no oil or wtr w/309 MCF gas. Acid went in on vac. Set Baker bridge plug @ 7560'
13-Apr-52	Acid Squeeze	Tubb	6115.0 - 6205.0	Mud Acid	Washed w/500 G mud acid.
13-Apr-52	Acid Squeeze	McKee	7404.0 - 7424.0	Mud Acid	Acidz w/500 G mud acid.
13-Apr-52	Fracture	McKee	7404.0 - 7424.0	Lease Oil	Hydrafrac w/750 G lease oil. Recover oil load, 13.9 MCF gas. Set Baker bridge plug @ 6230' with 3/4 sack cmt. on plug.
24-Jan-81	Acid Squeeze	Tubb	6115.0 - 6205.0	15% HCL & TH-011	Acidz form w/500 G 15% HCL & 1 G TH-011 (TH-C95)
12-Dec-97	Cement Squeeze	Tubb	6115.0 - 6205.0	Cement	Squeeze Tubb perms, recomplete in McKee

LOCKHART A-27 #12 (SLB 01/27/98)

Stimulations & Treatments (con't)

Date	Type	Zone	Int	Fluid	Comments
12-Dec-97	Fracture	Upper McKee	7404.0 - 7442.0	Spectra Frac G 3500	Frac w/7,500 G Spectra Frac G 3500 w/18,500# 16/30 Super DC Curable Resin Sand. Sprhd w/1,500 G 7.5% NEFE acid.
12-Dec-97	Fracture	Lower McKee	7525.0 - 7547.0	Spectra Frac G 3500	Frac w/5,800 G Spectra Frac G 3500 w/15,000# 16/30 Super DC Curable Resin Sand. Sprhd w/1,500 G 7.5% NEFE acid.

Tubing String - Primary Tubing

Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.8740 in Tubing	0.0	7350.0	238	2.4409	6.40			
2.8740 in Seating Nipple	7350.0	1.0		2.0000	0.00			
2.8740 in SOP Mud Anchor	7351.0	30.0	1	2.4409	6.40			

Rod String - Tapered Rod String

Size (in)	Type	Top (ftKB)	Len (ft)	No.	Comments
1.5000	Polish Rod	0.0	22.0		
0.8750	Rod sub	22.0	12.0	4	
0.8750	Rod	34.0	2250.0	90	
0.7500	Rod	2284.0	4900.0	196	
1.5000	K-Bar	7184.0	150.0		
1.5000	Pump	7334.0	16.0		

Formation/Horizon Tops

Top (ftKB)	Frm. Code
1170.0	454ANDR
1290.0	454SALT
5073.0	453GLRT
6050.0	452TUBB
6344.0	452DRKD
6539.0	452BLBR
6650.0	452ABO
7562.0	202CNL
7605.0	201ELBG

DST's

Date	Int (ftKB)	Formation
	5542.0 - 5790.0	Blinbry
	6039.0 - 6255.0	Tubb
	7045.0 - 7295.0	Abo
	7375.0 - 7446.0	McKee
	755.0 - 7615.0	Connell

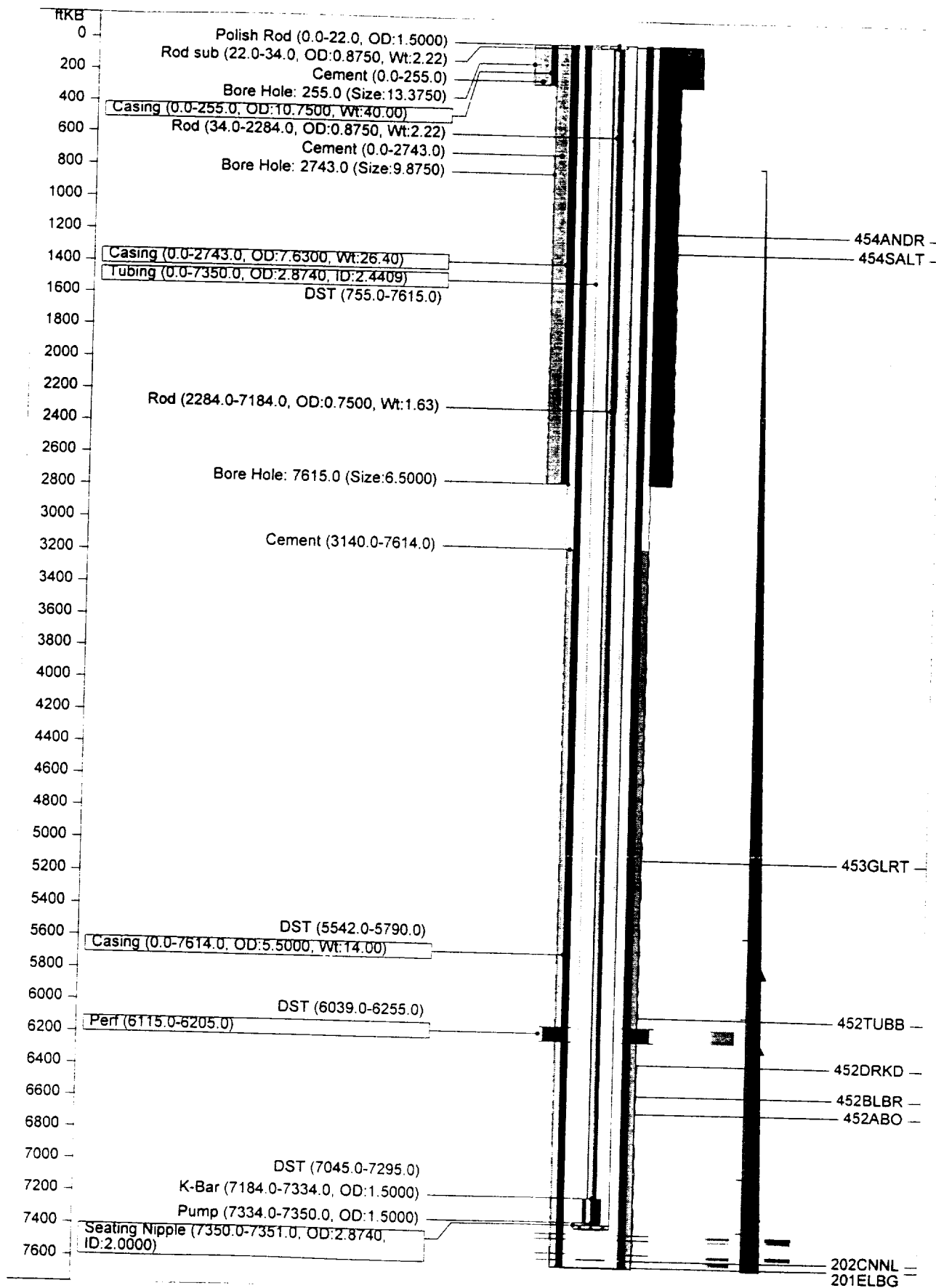
Logs Run

Date	Type	Int	Company	Comments
29-Feb-52	CALIPER	0.0 - 2746.0	Halliburton	
10-Apr-52	GR-C, NEU	2400.0 - 7611.0	Atlas	
19-Nov-97	GR-C	7380.0 - 7560.0	Wedge Dia-Log	

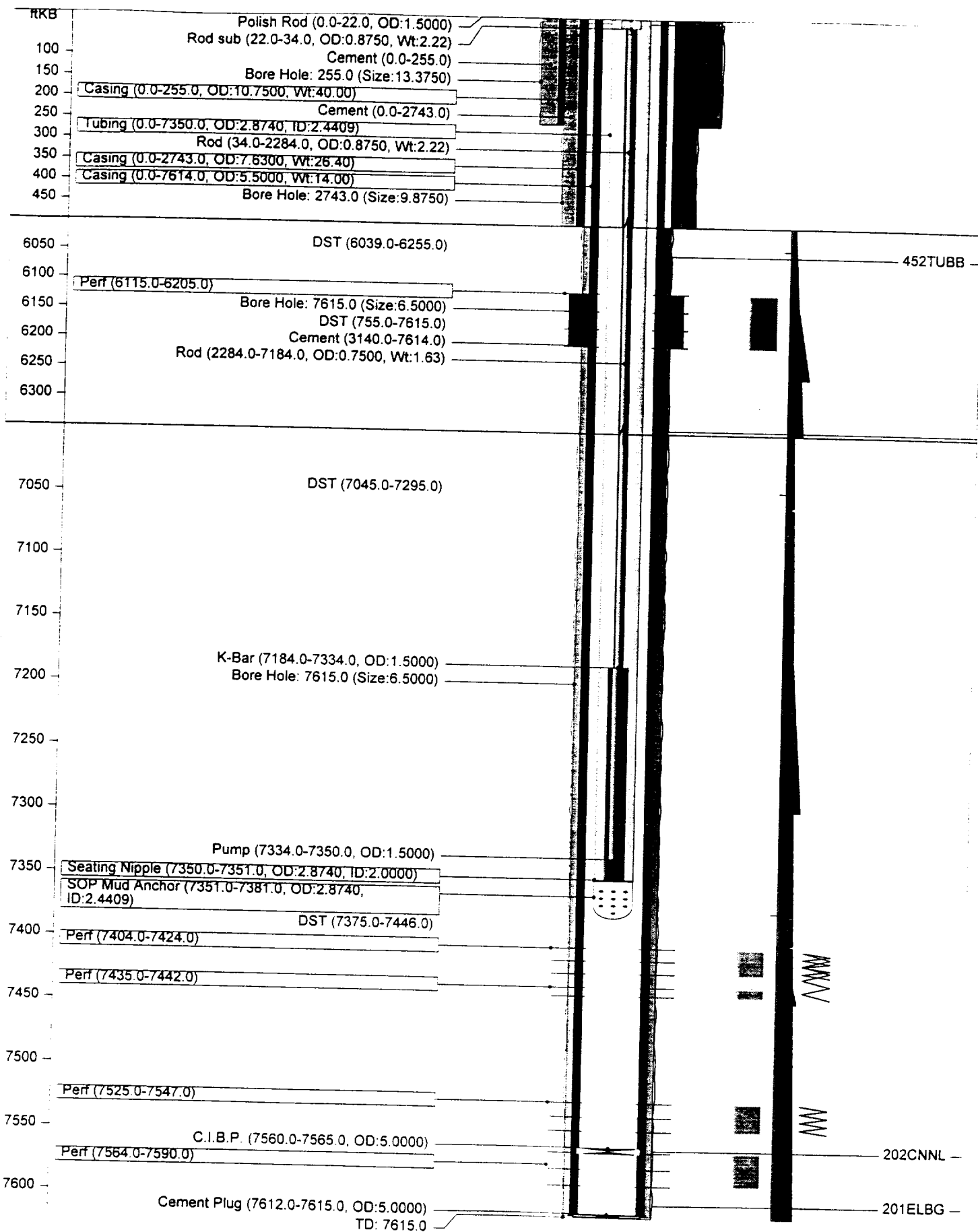
General Notes

Date	Note
02-Apr-52	This well was drilled at the insistance of the Std. of Texas and against the recommendation of the Geologic and Production sections of this office.
21-Oct-81	The subject gas well had a gradual decline in production with a top prod of 300 MCF/D in 1980. In Jan, 1981 the well was acdz'd w/500 G 15% HCL & 1 G TH-011 (TH-C95). A flush of 20 bbls TFW was added. When the well was swabbed, it was dry. Prod declined rapidly. TH-C95 is a wtr soluble, hydrochloric acid soluble corrosion inhibitor. There was no non-emulsifier added to the 15% HCL. Tests conducted w/Tubb oil from the subject well, 15% HCL & TH-C95 created an extremely tight emulsion. It appears that because a non-emulsifying agent was not added to the acid trtmt, an emulsion block has occurred in the Tubb form that has drastically reduced the effective permeability of the form immediately surrounding the wellbore.
12-Dec-97	The well was recompleted to the McKee sandstone from the Tubb. The McKee has not produced any fluids since completing the recompletion. Fishing operations were necessary after fracture stimulating the upper & lower McKee's resulting in a total fluid loss of +/- 2300 bbls (10 # brine). The damage mechanism preventing fluid influx into the wellbore has not been identified.

LOCKHART A-27 #12 (SLB 01/27/98)



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RECEIVED
JAN 10 1964
U.S. AIR FORCE
HONOLULU, HAWAII

100-100-100-100

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