

TATE OF KANSAS  
TATE CORPORATION COMMISSION  
00 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NO. 15-081-10153000<sup>2</sup>

API NUMBER N/A

LEASE NAME Walter E. Preedy /B/

WELL NUMBER 1

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

660 Ft. from N Section Line C NW NE

1980 Ft. from E Section Line

SEC. 33 TWP. 29S RGE. 33 (E) or (W)

COUNTY HaskeII

Date Well Completed 2/10/63

Plugging Commenced 4/3/98

Plugging Completed 4/3/98

LEASE OPERATOR Amoco Production Company

ADDRESS PO Box 800 Room 936B Denver, CO 80201

PHONE# (303) 830-5323 OPERATORS LICENSE NO. 5952

Character of Well Oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on January 27, 1998 (date)

by Steve Middleton (KCC District Agent's Name).

Is ACO-1 filled? Yes If not, Is well log attached?

Producing Formation Lansing B Depth to Top 4212' Bottom 4658' T.D. 5000'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS | CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
	Surface			8.625"	755'	0
	Production			5.5"	5000'	0
	Tubing			2.375'	4682'	4682'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.

Well was plugged by setting a 5.5" CIBP at 4180' w/ 2sx cement. Perf at 3150-3152' w 4spf. Pumped 90 sx Premium Plus w/ 3%CC from 2600-3150 on backside and inside of 5.5" casing. Set 5.5" CIBP at 1770'. Perf at 1750-52' w/ 4spf. Pump 230 sx Premium Plus from 1750' on backside and inside of 5.5" casing. Pump 100 sx Premium Plus down annulus of 5.5" casing. Casing 5' down.  
(If additional description is necessary, use BACK of this form.)

RECEIVED  
TATE CORPORATION COMMISSION  
APR 14 1998

Name of Plugging Contractor Halliburton

Address \_\_\_\_\_

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Amoco Production Company

STATE OF Colorado COUNTY OF Denver, ss.

Susan R. Potts (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Susan R. Potts

(Address) PO Box 800 Room 936B Denver, CO 80201

SUBSCRIBED AND SWORN TO before me this 10th day of April, 19 98.

Denise DeFau  
Notary Public

My Commission Expires: 11-10-2000

# SCHLUMBERGER

# INDUCTION - ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION  
Houston, Texas

WELL FILE DOCUMENTS



W00126419

COUNTY HASKELL  
FIELD or LOCATION LEMON NORTH  
WELL WALTER E. PREEDY  
NO. 3  
COMPANY PAN AMERICAN PETRO. CORP.

COMPANY PAN AMERICAN  
PETROLEUM CORP.  
WELL WALTER E. PREEDY  
NO. 3 **#31**  
FIELD LEMON NORTH  
LOCATION SEC. 33-29S-33W  
COUNTY HASKELL  
STATE KANSAS

Other Surveys  
S-GR, ML  
Location of Well  
NW-NE  
*Well File*  
Elevation K.B.: 2956  
D.F.: 2953  
or G.L.: 2946  
FILING No. \_\_\_\_\_

RUN No.	ONE				
Date	2-9-63				
First Reading	5107				
Last Reading	755				
Feet Measured	5352				
Csg. Schlum.	755				
Csg. Driller	765				
Depth Reached	5008				
Bottom Driller	5001				
Depth Datum	K.B. = 10' AGL				
Mud Nat.	GEL				
Dens. Visc.	9.1 51				
Mud Resist.	1.62 @ 65 °F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	.090 @ 119 °F	@ °F	@ °F	@ °F	@ °F
Rmf (MP)	.66 @ 119 °F	@ °F	@ °F	@ °F	@ °F
Rmc	-- @ °F	@ °F	@ °F	@ °F	@ °F
" pH	8.0 @ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	10.8 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Bit Size	7 7/8"				
Spcgs.—AM	16"				
MN	34 1/2"				
IND.	6FF40				
Opr. Rig Time	2 HOURS				
Truck No.	2537-PER				
Recorded By	QUINN				
Witness	MR. CLARK				

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**FEB 04 1998**  
CONSERVATION DIVISION  
WICHITA, KS

**Date:** January 26, 1998

**Lease/Well Number:** Walter E. Preedy "B" #1

**Field:** Lemon, N.E.

**Formation:** Kansas City, Lansing

**Location:** NW NE Sec. 33-T29S-R33W

**GL:** 2946'

**KB:** 2956'

**TD:** 5008'

**PBTD:** 4775'

**Surface Casing:** 8.625"/24# set at 755' w/650 sx. circ.

**Production Casing:** 5.5"/14# set at 5000' w/200 sx.

**Perforation Intervals:** 4212'-4214' (Lan. B)  
4210'-4220' (Lan. B)  
4652'-4667' (Kan. City B)  
4656'-4658' (Kan. City B)  
4828'-4830' (Kan. City) (squeezed/plugged back with CIBP)

**RECEIVED**  
KANSAS CORPORATION COMMISSION

FEB 04 1998

CONSERVATION DIVISION  
WICHITA, KS

**Purpose:** To Plug and Abandon the subject well

**Background:**

This well was drilled and completed in 1963-64 in the Lansing 'B' and Kansas City 'B' zones. The well produced steadily for 33 years. Production in 1996-97 averaged about 18 bopd and 10 bwpd. However, the well began producing 100% water in early 1997. Repair operations commenced and a casing leak was isolated between 3777'-3844'. A cement squeeze was unsuccessfully attempted in September 1997. The well continued to produce 100% water. Operations were suspended due to high repair cost, low probability of success, and low remaining reserves.

**Procedure:**

1. MIRUSU; TOO H w/tbg. and rods
2. RU WLU, set CIBP and two sx. cement at +/- 4180' (above top perf.)
3. Perforate squeeze holes (4 spf) at +/- 3150'-52'.
4. Pump 82 sx. of 65/35 Poz mix (6% gel, 12.3 ppg) to cover the Council Grove and Chase zones on the backside of the 5.5" casing and inside the 5.5" casing from 3150' to 2636'.
5. Perforate squeeze holes (4 spf) at +/- 1750'-52'.
6. Pump 280 sx. of 65/35 Poz mix (6% gel, 12.3 ppg) to cover all usable water zones on the backside of the 5.5" casing and inside the 5.5" casing from 1750' to the surface.

7. Check the backside and have 50 additional sx. of cement on location.
8. Cut casing 3' below the ground level and weld steel cap with lease identification.
9. Restore the location.

**NOTE:** This procedure was reviewed with KCC representative Steve Middleton on Jan. 27, 1998.

**Prepared By:** Dean L. Tinsley  
Operations Engineer - Amoco