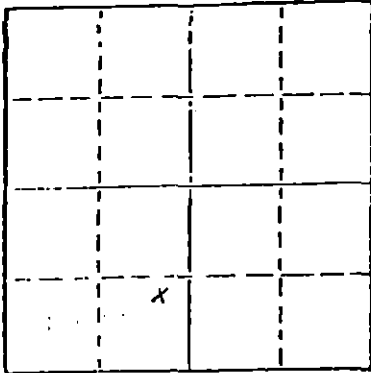


STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Stanton County. Sec. 17 Twp. 29S Rge. 40 W  
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines  
1250' ESL x 2540' FWL  
Lease Owner Amoco Production Company  
Lease Name D. S. Ray Gas Unit Well No. 1  
Office Address P. O. Box 432 Liberal, KS  
Character of Well (Completed as Oil, Gas or Dry Hole)  
Dry Hole



Locate well correctly on above  
Section Plat

Date Well completed 2-9 1979  
Application for plugging filed 1-31 1978  
Application for plugging approved 2-5 1979  
Plugging commenced 2-9 1979  
Plugging completed 2-9 1979  
Reason for abandonment of well or producing formation

Excessive Water Production  
If a producing well is abandoned, date of last production 19

Was permission obtained from the Conservation Division or  
its agents before plugging was commenced?

Name of Conservation Agent who supervised plugging of this well Clarence Thomas  
Producing formation Depth to top Bottom Total Depth of Well 3003  
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
Chase	Lime	2210	2405	8-5/8	636	- 0 -
Council Grove	Lime	2500	2808	5-1/2	3013	- 0 -

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 hold. If cement or other  
plugs were used, state the character of same and depth placed, from feet to  
feet for each plug set. Filled 5-1/2" casing with 50 saks RFC waited one hour.  
Followed with 250 saks 35/65 pozmix which filled casing to within 6 feet of sur-  
face. Cut off casing 6 feet below ground level and weld on cap.

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Wichita Kansas

(If additional description is necessary, use BACK of this sheet)

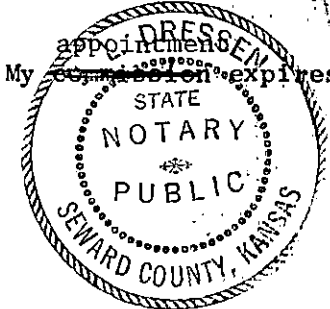
Name of Plugging Contractor Dowell

STATE OF Kansas COUNTY OF Seward, ss.  
C. E. Mullins (employee of owner) or (owner or operator)  
of the 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 and that the same are true and correct. So help me God.

(Signature) C. E. Mullins C. E. Mullins  
P. O. Box 432 Liberal, KS 67901  
(Address)

SUBSCRIBED AND SWORN TO before me this 21 day of February, 1979

J. L. Dressen  
Notary Public.



15-187-20281-0000

**KANSAS DRILLERS LOG**

S. 17 T. 29S R. 40 W  
 Loc. 1250' FSL & 2540' FWL

API No. 15 — 187 — 20281  
 County Number

County Stanton

Operator  
 Amoco Production Company

Address  
 P. O. Box 432 - Liberal, KS 67901

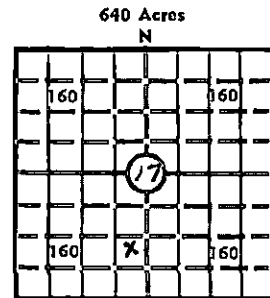
Well No. 1 Lease Name  
 Ray, D. S.

Footage Location  
 1250 feet from (S) line 2540 feet from (W) line

Principal Contractor  
 Service Drilling Co. Geologist

Spud Date 08-16-78 Total Depth 3003 P.B.T.D. 2992

Date Completed Oil Purchaser



Locate well correctly  
 Elev.: Gr. 3307  
 DF. KB.

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4	8-5/8	24	640	65-50 Pozmix	250	2% CACL
					50-50 Pozmix	150	3% CACL
Production	7-7/8	5-1/2	14	3001	65-35 Pozmix	600	6% Gel, 1/4# D-29
					50-50 Pozmix	150	10% Salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2" JET	2500-2525
<b>TUBING RECORD</b>					2210-2245
Size	Setting depth	Packer set at			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Frac w/25,000 gal trt wtr & 50,000# river sand. Set cast iron BP at 2450 & cap w/2 sx cement.	2500-2525
Acid w/1500 gal 15% HCL & 70 ball sealers. Frac w/30,000 gal trt wtr & 7500# 20-40 sand & 1500# 10-20 sand.	2210-2245

**INITIAL PRODUCTION**

Date of first production Dry Hole	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Gas-oil ratio
Oil bbls.	Gas MCF
Water bbls.	CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s)  
 Excessive water production - well will be plugged & abandoned.

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

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 CONSERVATION DIVISION  
 Wichita, Kansas

Operator Amoco Production Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Ray, D. S. Dry Hole

S 17 T 29 S R 40 W

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand, Red Bed	0	560		
Red Bed	560	664		
Red Bed, Sand	664	1724		
Sand	1724	2067		
Lime	2067	2450		
Shale, Lime	2450	2845		
Lime	2845	3003		
TD		3003		
PBD		2992		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>Gale McCord</i>	Gale McCord
	Signature	
	Admin. Supvr	
	Title	
	1-31-79	Date