

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 COLORADO DERRY BUILDING  
WICHITA, KANSAS 67202

WELL PLUGGING RECORD

API NUMBER 15-051-2297-010

TYPE OR PRINT  
PLEASE FILL OUT COMPLETELY  
AND MAKE REQUIRED AFFIDAVIT.

LEASE NAME Arnold #1

WELL NUMBER \_\_\_\_\_

SPOT LOCATION NE1/4 ~~NW NE NW~~ NW3/4

SEC. 3 TWP. 14S RGE. 18W (E) OR (W) (W)

COUNTY Ellis

DATE WELL COMPLETED \_\_\_\_\_

PLUGGING COMMENCED 9/8/83

PLUGGING COMPLETED 9/14/83

LEASE OPERATOR R & R Exploration

ADDRESS Box 1198, Hays, Ks. 67601

PHONE # ( ) \_\_\_\_\_ OPERATORS LICENSE NO. \_\_\_\_\_

CHARACTER OF WELL \_\_\_\_\_  
(OIL, GAS, D&A, SWD, INPUT, WATER SUPPLY WELL)

DID YOU NOTIFY THE KCC/KDHE JOINT DISTRICT OFFICE PRIOR TO PLUGGING THIS WELL? Yes

WHICH KCC/KDHE JOINT OFFICE DID YOU NOTIFY? Wichita

IS ALC-1 FILED? \_\_\_\_\_ IF NOT, IS WELL LOG ATTACHED? \_\_\_\_\_

PRODUCING FORMATION \_\_\_\_\_ DEPTH TO TOP \_\_\_\_\_ BOTTOM T.D. 3600'

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
				8 5/8	1210'	none
				4 1/2"	3598'	2841'

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.

Ran 5 sacks cement, sanded to 3250'. Shot casing at 2842' & pulled 71 joints. Plugged well with 25 sacks cement, 4 hulls, 9 gel, 40 cement, 11 gel, 1 hull, plug, & 100 sacks cement. Plugging complete

(IF ADDITIONAL DESCRIPTION IS NECESSARY, USE BACK OF THIS FORM.)

NAME OF PLUGGING CONTRACTOR Kelso Casing Pulling LICENSE NO. 6050  
ADDRESS Box 347, Chase, Ks. 67524

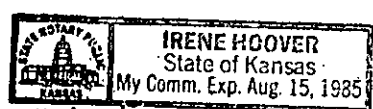
STATE OF Kansas COUNTY OF Rice, SS.

R. Darrell Kelso (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) R. Darrell Kelso

(ADDRESS) Box 347, Chase, Ks. 67524

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15 DAY OF September, 1983



Irene Hoover  
NOTARY PUBLIC

MY COMMISSION EXPIRES: \_\_\_\_\_

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 19 1983

FORM CP-4  
REVISED 06-83

Wichita, Kansas  
09-19-83

15-051-22976-00-00

# GEOLOGICAL REPORT

## DRILLING TIME

## SAMPLE LOG

COMPANY R & R DRLG. CO.  
 LEASE No. 1 ARNOLD  
 LOCATION NW NE NW  
 SECTION 3 TOWNSHIP 14 S RANGE 18 W  
 COUNTY Ellis STATE Kansas  
 FIELD WC (API 15-051-22,976)

ELEVATIONS  
 KB 1990  
 DF 1987  
 G.L. 1985  
 MEASUREMENT FROM  
KB

CONTRACTOR Abercrombie Drlg Rig 8  
 COMM. 4-18-82 COMP. 4-26-82  
 ROTARY TOTAL DEPTH 3600 - 1610  
 LOG TOTAL DEPTH 3600 - 1610  
 SAMPLES SAVED FROM 2900 TO 3600  
 DRILLING TIME FROM 2900 TO 3600  
 SUPERVISION FROM 3200 TO 3600  
 MUD TYPE Starch . PROD Lans  
 WELL SITE GEOLOGIST \_\_\_\_\_

CASING RECORD  
1210 ft 8 5/8"  
3598 ft 4 1/2" w/175sx

ELECTRICAL SURVEYS  
RA Gaurd log Caliper  
(Gt. Guns)

DRILL STEM TESTS  
3 - Lans  
Sun Testing

### FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	DATUM	E. LOG	DATUM	A	B	C	D
Anhydrite	1189	+ 801	1210	+ 790				
Topeka	2971	- 981	2969	- 979		- 1013		
Heebner Sh	3237	- 1247	3235	- 1245				
Toronto Ls.	3258	- 1268	3256	- 1266				
Lansing - Kansas City	3289	- 1299	3286	- 1296	- 1278	- 1335		
Base Kansas City	3518	- 1528	3518	- 1528				
Conglomerate	3559	- 1569	3559	- 1569	- 1536	- 1588		
Arbuckle	3597	- 1607	3597	- 1607	- 1597	- 1610		

### REFERENCE WELLS FOR STRUCTURAL POSITION

A	Yarnell et al	NW NW SE	Sec 2 - T14S - R18W	+
B	Kansas Expl	SW SW NE	Sec. 11 - T14 S - R18W	+
C	_____	_____	_____	o
D	_____	_____	_____	o

*Lawrence F. Gray*  
 Petroleum Geologist

1728 NOTTINGHAM CT. WICHITA, KANSAS, 67204  
 PHONE AC 316 838-7295

RECEIVED  
 STATE CORPORATION COMMISSION

AUG 05 1983

WICHITA, KANSAS