

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

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

15-171-30066-0000

API NUMBER June 5-1966

LEASE NAME Crist

WELL NUMBER B-1

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

C NE NW Ft. from S Section Line
_____ Ft. from E Section Line

SEC. 32 TWP. 20S RGE. 34W (E) or (W)

LEASE OPERATOR Herman Lang

ADDRESS 70 N. Farmland Road Garden City, Kansas 67846 COUNTY Scott

PHONE # (316) 275-1953 OPERATORS LICENSE NO. 05848

Date Well Completed _____

Character of Well Oil

Plugging Commenced 8-24-93

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

Plugging Completed 8-26-93

The plugging proposal was approved on 8-24-93 (date).

by Glenn Barlow (KCC District Agent's Name).

Is ACO-1 filed? _____ If not, is well log attached? _____

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 5100

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	465	0
				4 1/2	4700	785

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. CIBP Alpha BB 3.5 @ 3015 with 20' of cement on top

Pump 75 sks. of cement @ 1200 to 1000

Pump 50 sks. of cement from 500 to 400

Put 10 sks. of cement from 40 to 0 Cut off & cap 8 5/8 4' below ground level

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

Name of Plugging Contractor Sargent's Casing Pulling Service License No. 6547

Address P.O. Box 506 Liberal, Kansas 67905-0506

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Herman Lang

STATE OF Kansas COUNTY OF Scott, ss.

(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) Herman Lang

(Address) 70 N Farmland Rd Garden City, KS 67846

SUBSCRIBED AND SWORN TO before me this 3 day of October, 19 93

NOTARY PUBLIC - State of Kansas
MARCELL WRIGHT
My Commission Expires: 10-4-93

Paul Wright
Notary Public

*Rec'd
10-4-93*

ROTARY DRILLING LOG

OWNER:	Cities Service Oil Company	CASING:	Set 4½" 9.5# J-55
CONTRACTOR:	Murfin Drilling Company		casing @ 4700' (ran
LEASE:	Crist "B" No. 1		145 jts. @ 4690') w/
LOCATION:	C NE NW Sec. 32-20S-34W		175 sks salt saturated
	Scott County, Kansas		Formix "A", w/5/10%
			CFR-2

0 - 200	Shale
200 - 350	Sand
350 - 472	Shale
472 - 1140	Shale
1140 - 1175	Shale
1175 - 1190	Hard Sand
1190 - 1458	Redbed, Shale
1458 - 1479	Anhydrite
1479 - 1550	Shale - Lime
1550 - 2076	Shale Shells
2076 - 2105	Shale
2105 - 2120	Anhydrite
2120 - 2224	Shale
2224 - 2235	Anhydrite
2235 - 2240	Anhydrite
2240 - 2500	Shale Shells
2500 - 2580	Shale Lime
2580 - 2709	Lime, Shale
2709 - 2772	Shale
2772 - 2800	Lime Shale
2800 - 2870	Shale & Lime
2870 - 2983	Lime & Shale
2983 - 3138	Lime & Shale
3138 - 3246	Lime & Shale
3246 - 3295	Lime - Shale
3295 - 3340	Lime
3340 - 3425	Lime
3425 - 3534	Lime & Shale
3534 - 3665	Lime & Shale
3665 - 3775	Lime & Shale
3775 - 3856	Lime - Shale
3856 - 3980	Lime - Shale
3980 - 4045	Lime
4045 - 4089	Lime
4089 - 4189	Lime
4189 - 4248	Lime
4248 - 4319	Lime
4319 - 4400	Lime
4400 - 4470	Lime
4470 - 4525	Lime
4525 - 4594	Lime

4594 - 4612	Lime
4612 - 4615	Shale
4615 - 4635	Lime
4635 - 4665	Lime
4665 - 4730	Lime
4730 - 4765	Lime
4765 - 4785	Lime
4785 - 4855	Lime
4855 - 4911	Lime
4911 - 4940	Lime
4940 - 4961	Lime
4961 - 5012	Lime
5012 - 5030	Lime
5030 - 5058	Lime
5058 - 5100	Lime
5100	Total Depth

We certify that the above log is true and correct to the best of our knowledge and belief.

CITIES SERVICE OIL COMPANY

By _____
Chester A. Nenney
District Engineer

SCHLUMBERGER

LATER LOG

GAMMA RAY - NEUTRO
 SCHLUMBERGER WELL SURVEYING CORP
 Houston, Texas

COUNTY FIELD or LOCATION WELL COMPANY
 Depp
 Marked
 FIELD PRINT

COMPANY CITIES SERVICE OIL COMPANY

WELL CRIST B-1

FIELD WILDCAT

COUNTY SCOTT STATE KANSAS

Location:

C NE NW

Sec. 32 Twp. 205 Rge. 34W

Other Ser
MLL
BSL

Permanent Datum: G.L.; Elev.: 3094
 Log Measured From K.B., 8 Ft. Above Perm. Datum
 Drilling Measured From K.B.

Elev.: K.B.
 D.F.
 G.L.

Date	<u>6-24-66</u>
Run No.	<u>ONE</u>
Type Log	<u>VIP SURVEY</u>
Depth—Driller	<u>5100</u>
Depth—Logger	<u>5101</u>
Bottom logged interval	<u>5100</u>
Top logged interval	<u>468</u>
Type fluid in hole	<u>CHEMICAL</u>
Salinity, PPM Cl.	
Density	<u>9.5</u>
Level	<u>FULL</u>
Max rec. temp., deg F.	<u>112</u>
Operating rig time	<u>4 HOURS</u>
Recorded by	<u>BROWN & HUBER - A 1993</u>
Witnessed by	<u>HUBER</u>

RECEIVED
 STATE CORPORATION COMMISSION

RUN N	BORE-HOLE RECORD		CONSERVATION DIVISION Wichita, Kansas CASING RECORD			
	Bit	From To	Size	Wgt.	From	
<u>278</u>	<u>CSG.</u>	<u>TD.</u>	<u>8 5/8</u>		<u>SURF</u>	<u>4</u>

SCHLUMBERGER

**BOREHOLE COMPENSATED
SONIC LOG (WITH CALIPER)**

COUNTY SCOTT FIELD or WILDCAT LOCATION SEC. 32-20S-34W WELL CRIST B-1 COMPANY CITIES SERVICE	COMPANY	CITIES SERVICE OIL COMPANY
		<i>Liberal District - File Copy</i>
	WELL	CRIST B-1 <i>mud logger</i>
	FIELD	WILDCAT <i>on well -</i>
	COUNTY	SCOTT STATE KANSAS
LOCATION	C-NE-NW	Other Services:
Sec. 32 Twp. 20S Rge. 34W		LL-GR-N, MLL

Permanent Datum: GL	Elev. 3044	Elev.: K.B. 3102
Log Measured From KB	8 Ft. Above Perm. Datum	D.F. 3099
Drilling Measured From KB		G.L. 3094

Date	6-24-66			
Run No.	ONE			
Depth—Driller	5100			
Depth—Logger	5101			
Btm. Log Interval	5098			
Top Log Interval	468			
Casing—Driller	8 5/8 @ 465	@		
Casing—Logger	468			
Bit Size	7 7/8			
Type Fluid in Hole	CHEMICAL			
Dens.	9.5	23		
pH	6	7.6 ml	ml	ml
Source of Sample	CIRCULATED			
R _m @ Meas. Temp.	216 @ 87 °F	@	°F	@ °F
R _{ml} @ Meas. Temp.	133 @ 83 °F	098 @ 112 °F	@ °F	@ °F
R _{mc} @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F
Source: R _{ml} R _{mc}	M	--		
R _m @ BHT	168 @ 112 °F	@	°F	@ °F
Time Since Circ	21 HOURS			

RECEIVED
STATE CORPORATION COMMISSION
MAY - 4 1993

CONSERVATION DIVISION
Wichita, Kansas