STATE OF KANSAS				
STATE CORPORATI	ON COMMISSION			
200 COLORADO DERBY BUILDING				
Wichita, Kansas	67202			

## WELL PLUGGING RECORD

## TYPE OR PRINT

u.	-			-				
STATE OF KANSAS ( STATE CORPORATION	COMMISSION	WELL PLUGGING RECORD			D .	API NUMBER 15	45. 20434-0000	
200 COLORADO DERBY	00 Colorado Derby Building Ichita, Kansas 67202				LEASE NAME_ <u>Cossman</u> WELL NUMBER #1			
		TYPE OR PRINT PLEASE FILL OUT <u>COMPLETELY</u> AND MAKE REQUIRED AFFIDAVIT•						
						SPOT LOCATION 100' W of SE SE NW		
LEASE OPERATOR Alpine Drilling Co., Inc.						SEC. 20 TWP 238 RGE. 15W(E)OR(W)		
ADDRESS 200 East First Suite 500 Wichita, Ks. 67202						COUNTY Pawnee		
PHONE #( ) OPERATORS LICENSE NO.						DATE WELL COMPLETED		
						PLUGGING COMMENCED 8-19-83		
CHARACTER OF WELL (OIL, GAS, D&A, SWD, INPUT, WATER SUPPLY WELL)						PLUGGING COMPLETED 8-23-83		
DID YOU NOTIFY THE	E KCC/KDHL JOINT D	ISTRICT	OFF I CI	E PRIOR TO	O PLUGGI	NG THIS WELL?_	Yes	
WHICH KCC/KDHE Jo	INT OFFICE DID YOU	NOTIFY?			<u>W</u>	lichita	<del></del>	
Is ACG-1 FILED?	IF NOT,	IS WELL	LOG /	ATTACHED?				
PRODUCING FORMATIO	ON	DEPTI	н то ′	ТОР	В	оттомТ	.D. 4158'	
SHOW DEPTH AND TH	ICKNESS OF ALL WAT	ER, OIL	AND G	AS FORMAT	IONS.			
OIL, GAS OR WATER	RECORDS			<del></del>	CASING	RECORD		
FORMATION	CONTENT	FROM	То	SIZE	PUT IN	PULLED O	UT	
				8-5/8"	355'	none		
				4-1/2"	4155'	2009'		
THE MUD FLUID WAS THE HOLE. IF CEMEN DEPTH PLACED, FROM Plugged off 2400', 2200	THE MANNER IN WH PLACED AND THE ME NT OR OTHER PLUGS M_FEET TO_FEET  bottom with sand 1, 2100', 2012' and ugged well with 3	THOD OR I WERE USE EACH SET	METHOD D STA	DS USED I TE, THE C ran 4 saci	N INTROD HARACTER ks cemen	UCING IT INTO OF SAME AND  t. Shot casin	4-1/211	
3% cc., 10	sacks gel, 1 sack b DITIONAL DESCRIPTI	nulls, p	lug & CESSA	125 sack	s 60/40 ACK OF T	<del>рос, 2% gal, 3</del> HIS FORM•)	% ce. Plugging Complete.	
NAME OF PLUGGING	CONTRACTOR <u>Kelso</u> ( 47 Chase, Kansas (	Casing Pr						
STATE OF Kansas	sC	OUNTY OF		Rice		ss•		
(OPERATOR) OF ABO I HAVE KNOWLEDGE	Kelso VE-DESCRIBED WELL, OF THE FACTS, STAT OVE-DESCRIBED WELL ME GOD.	EMENTS,	AND M	DULY SWOR ATTERS HE	N ON OAT REIN CON	TAINED AND		
	•			(Sign	ATURE)	Phanel	Gelso-	
				(ADDR	ESS) Bo	ox 347 Chase, I	Ks. 67524	
	SUBSCRIB	ED AND S	WORN	TO BEFORE	ME THIS	29 DAY OF A	ugust 19 83	
	COMP		energy	5	See	ne Hou	Er]	
		NE HOOVER			RECE	WOTARY PUBLIC	•	

RE STATE CORPORATION COMMISSION

MY COMMISSION EXPIRES:

State of Kansas My Comm. Exp. Aug. 15, 1909

AUG 3 0 1983 -

FORM CP-4 REVISED 06-83

CUNSERVATION DIVISION Wichita, Kansas

8-30-83

## STERLING DRILLING COMPANY P. O. Box 129 Sterling, Kansas 67579

15-145-20434-000

WELL LOG - - - - - - - - - - - - - - - - - COSSMAN #1

Located: C SE SE NW, Section 20-23S-15W, Pawnee County, Kansas

OWNER: Alpine Drilling Company, Inc.

ROTARY DR LLING CONTRACTOR: Sterling Drilling Company

COMMENCED: October 7, 1976

COMPLETED: 10-15-76

TOTAL DEPTH: 41581

LOG		CASING RECORD
0 ~ 95	Sand and Clay	Ran 8 joints 8 5/8", 28 # used casing,
95 <b>-</b> 356	Shale and Sand	343.38 pipe set at 355 K.B. Cemented with 275 sacks Common, 2% gel, 3% cc.
356 <b>-</b> 986	Shale and Sand - Red Beds	Plug down at 7:45 PM, 10-7-76 by Allied.
986 - 1007	Anhydrite	
1007 - 1645	Red Beds and Shale	
1645 - 2049	Shale and Lime Stringers	

2049 - 3808 Lime and Shale

3808 - 3875 Lime

3875 - 3960 Lime and Shale

3960 - 4120 Lime, Shale and Chert

4120 - 4154 Lime, Shale, Chert, Sand

4154 - 4158 Arbuckle

Ran 104 joints used # 1/2", 10.5# casing, 4158.8 1' set at 4158' K.B. with 150 sacks Common cement. Plug down at 1:00 PM, 10-15-76.

STATE COPPORATION COMMISSION

APR 2 7 1983

CONSERVATION DIVISION Wichita, Kansas