Form CP-4 Rev. 12-15-80

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

## WELL PLUGGING RECORD

Give All Information Com	pletely	110001110	120010							
Make Required Affidavit					TWProm lines:	12s_RGE33w_E/V				
	Lease Owner	r_Chief D	rilling	Company,	Inc.					
	Lease Name					1 No				
	i					. 67202				
	i i	Office Address 905 Century Plaza Wichita, Ks. 67202  Character of Well (Completed as Oil, Gas or Dry Hole):								
	Date Well	Completed	l							
	Application	•		iled						
	1	_			11-82					
	Plugging c									
					oducing for	mation				
Locate Well	Reason for	abaridorii	ent or			liacion				
correctly on above		. 1.	. 1 6		pleted D					
Section Platt.	•					oivision or it's				
	0	- 0			d? Yes					
Name of Conservation Age	nt who superv	ised plug	ging of	this well	Carl Good	drow				
Producing formation		Depth to	top	bott	om	T.D. 4768'				
Show depth and thickness	of all water	, oil and	l gas fo	rmations.						
OIL, GAS OR WATER RECORD	S					Casing Record				
Formation	Content	From	To	Size	Put in	Pulled Out				
Olimetoli	3011101110	TIOM		8-5/8"	320'	none				
				4-1/2"	4768	none				
Describe in detail the fluid was placed and the or other plugs were used to	method or me, state the check plug set.  wiht sand to 4 and 1970'. I	thods use haracter 570' and Pipe not	ed in in of same ran 4 s	troducing and depth	it into the placed, fr	e hold. If cement feet feet feet feet feet feet feet f				
Cacing Dlugged rec	ll rrith mina a		<u> </u>	- D 1	050 1	and the same of the same of				
oil string and 150 s	sacks cement i	in the sui	riace pi	Lpe.	STATE (	MAPORATION COMMISSION				
Plugging Complete.						MAY 25 1982				
						05-25-1982				
					CON	VSERVATION DIVISION Wichita, Kansas				
(If additiona	1 description	is neces	sarv. u	se BACK of	this sheet					
Name of Plugging Contrac										
STATE OF Kansas  R. Darrell Kelso above-described well, be facts, statements, and m filed and that the same	atters herein	containe	ed and to So hel	he log of p me God. ature)	the above-d	described well as				
			-	-Box	176 Chase (Addr	<del>Ks. 67524</del> ess)				
SUBSCRIBED AND SW		-	21st	day of	May	/				
My Commission expires	State of My Comm. Exp	H <b>OOVER</b> f Kansas b. Aug. 15, 1985		Sell	Ne / X to	Notary Public.				

## STATE OF KANSAS STATE CORPORATION COMMISSION 200 Colorado Derby Bldg. Wichita, Kansas 67202

WELL PLUGGING RECORD

MAY 25 RECO

Date Well Completed Application for plugging filed Plugging commenced Plugging commenced Plugging completed Section Platt.  Name of Conservation Agent who supervised plugging of this well Correctly formation Producing formation Depth to top Depth and thickness of all water, oil and gas formations.  OIL, GAS OR WATER RECORDS  Casing Recordation Describe in detail the manner in which the well was plugged, indicating where the manner fluid was placed and the method or methods used in introducing it into the hold. If certain plugging in the commence of the			עידועו ועט	۳		SEC.	סוגד <i>ו</i> די	- RCF		
Lease Name   Herl #1   Well No.			Location a	Logan as in qua C SE SW	rters o	r footage	from lines:	12S_1001 - 33W		
Lease Name Herl #1 Well No.  Office Address 905 Century Plaza Wichita, Kg. 67202  Character of Well (Completed as Oil, Gas or Dry Hole):  Date Well Completed  Application for plugging filed  Plugging commenced 5-11-82  Plugging completed  Reason for abandonment of well or producing formation  Depleted  Section Platt.  Was permission obtained from the Conservation Division or it  Agent's before plugging was commenced? Yes  Name of Conservation Agent who supervised plugging of this well Carl Goodrow  Producing formation Depth to top bottom T.D. 4765'  Show depth and thickness of all water, oil and gas formations.  OIL, GAS OR WATER RECORDS  Casing Reformation Content From To Size Put in Pulled of S-5/3" 320' none  Describe in detail the manner in which the well was plugged, indicating where the mainty was placed and the method or methods used in introducing it into the hold. If cer or other plugs were used, state the character of same and depth placed, from the casing C3524', 3401', 3206', 3160' and 1970'. Fipe not loose, mas and mud flowing out of the 4-1/2' casing. Plugged well with pipe still in the hole. Pumped 250 sacks cement in the oil string and 150 sacks cement in the surface pipe.  Plugging Complete.			Lease Owne	Lease Owner Chief Drilling Company, Inc.						
Office Address 505 Century Plaza Wichita, Kg. 67202 Character of Well (Completed as Oil, Gas or Dry Hole): Date Well Completed Application for plugging filed Plugging commenced 5-11-82 Plugging completed 5-17-02 Reason for abandonment of well or producing formation  Locate Well Correctly on above Section Platt.  Was permission obtained from the Conservation Division or it Agent's before plugging was commenced? Producing formation Depth to top bottom T.D. 4766' Show depth and thickness of all water, oil and gas formations.  DIL, GAS OR WATER RECORDS  Casing Reformation Content From To Size Put in Pulled of 8-5/3" 320" none  A-1/2" 4768' none  Describe in detail the manner in which the well was plugged, indicating where the manner of the plugs were used, state the character of same and depth placed, from feet for each plug set.  Plugged off bottom wiht sand to 4570' and ran 4 sacks cement. Shot casing £3524', 3501', 3236', 3160' and 1970'. Pipe not loose, was and mud flowing out of the 4-1/2 of sacks cement in the surface pipe.  Plugging Complete.  (If additional description is necessary, use BACK of this sheet)										
Character of Well (Completed as Oil, Gas or Dry Hole):  Date Well Completed  Application for plugging filed  Plugging commenced  Plugging completed  Solution Platt.  Locate Well  correctly on above Section Platt.  Was permission obtained from the Conservation Division or it  Agent's before plugging was commenced?  Producing formation  Depth to top  Depth to top  Depth and thickness of all water, oil and gas formations.  DIL, GAS OR WATER RECORDS  Casing Reformation  Content  From  To  Size  Put in  Pulled of  3-5/5"  320'  none  Describe in detail the manner in which the well was plugged, indicating where the manner of the content of the conte			Office Add	1						
Application for plugging filed  Plugging commenced 5-11-82  Plugging completed 5-17-02  Reason for abandonment of well or producing formation  Deploted  Section Platt. Was permission obtained from the Conservation Division or it  Agent's before plugging was commenced?  Yes  Ame of Conservation Agent who supervised plugging of this well Carl Goodrow  Producing formation Depth to top bottom T.D. 4766'  Show depth and thickness of all water, oil and gas formations.  DIL, GAS OR WATER RECORDS  Casing Record 8-579" 320' none  Describe in detail the manner in which the well was plugged, indicating where the mathematical was placed and the method or methods used in introducing it into the hold. If center other plugs were used, state the character of same and depth placed, from feet for each plug set.  Plugged of bottom with sand to 4570' and ran 4 sacks cement. Shot casing 63524', 3401', 326', 3160' and 1970'. Pipe not loose, pas and mud flowing out of the 4-1/2 casing. Plugged well with pipe still in the lole. Pumped 250 sacks cement in the oil string and 150 sacks cement in the surface pipe.  (If additional description is necessary, use BACK of this sheet)				Character of Well (Completed as Oil, Gas or Dry Hole):						
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STATE OF Ransas COUNTY OF Rice ,ss.  R. Darrell Kelso (employee of owner) or (owner or operator) of the	Fluid was place or other plugs to for other plugs of 3401, 328 casing. Foil string Plugging Casing C	ed and the were used eet for ease to bottom variation of the second seco	method or me, state the check plug set  wiht sand to 4 and 1970'. F I with pipe s acks cement i	thods use haracter  570' and lipe not 1  till in the sur  is neces Casing Pu  Rice (employ	ran 4 s loose, s he hole face pi	sacks cemeras and ruce. Pumped ipe.  se BACK of,ss,ss,ss,or (	it into the placed, from the placed, from the placed, from the placed, from the placed of the placed	sing @3524', t of the 4-1/2 ement in the		
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(Signature)   May 26 1982   Box 176 Chase, Ke 67524   Address)	Fluid was place or other plugs to	ed and the were used eet for ea et for ea et for ea et for ea et bottom variable.  Turned well, and 150 s  Complete.  additionang Contrace  ansas  Kelso d well, been the same a exemption.	method or me, state the conching set	is neces Casing Pu  Rice (employ y sworn or containe correct.	ran 4 s loose, s he hole face pi  sary, u lling  ee of o n oath, d and t So hel (Sign	sacks cemeras and ruce. Pumped pe.  see BACK of says: The log of p me God.  ature)  Box	it into the placed, from the placed, from the placed, from the placed of	hold. If cem om f  sing @3524', t of the 4-1/2 ement in the  erator) of the howledge of the escribed well  Ks. 67524		
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API No. 15 — 109 — 20,093 OC Number  Chief Drilling Co., Inc.  Address 905 Century Plaza, Wichita, Kansas 67202  Well No. Lease Name #1 Her1  Footage Location feet fron (N) (S) line feet from (E) (W) line  Principal Contractor Company Tools  Spud Date 10/10/77  Loc. C SE SW  County Logan  640 Acres N  160		
Operator Chief Drilling Co., Inc.  Address 905 Century Plaza, Wichita, Kansas 67202  Well No. Lease Name #1 Her1  Footage Location feet from (N) (S) line feet from (E) (W) line  Principal Contractor Company Tools  Spud Date  Footage Locate well correctly  Total Depth P.B.T.D.		
Chief Drilling Co., Inc.  Address  905 Century Plaza, Wichita, Kansas 67202  Well No.  #1 Her1  Footage Location  feet from (N) (S) line  Feet from (E) (W) line  Principal Contractor  Company Tools  Neil Sikes  Spud Date  Footage Locate well correctly		
Address 905 Century Plaza, Wichita, Kansas 67202  Well No. Lease Name #1 Her1  Footage Location feet from (N) (S) line feet from (E) (W) line  Principal Contractor Company Tools Neil Sikes  Spud Date Total Depth P.B.T.D.  Locate well correctly		
Well No.  #1 Her1  Footage Location  feet fron (N) (S) line feet from (E) (W) line  Principal Contractor  Company Tools Neil Sikes  Spud Date Total Depth P.B.T.D.  Locate well correctly		
#1 Her 1 Footage Location  feet fron (N) (S) line feet from (E) (W) line  Principal Contractor Company Tools Neil Sikes Spud Date Total Depth P.B.T.D.  Locate well correctly		
Footage Location  feet from (N) (S) line  feet from (E) (W) line  Principal Contractor  Company Tools  Neil Sikes  Spud Date  Total Depth  P.B.T.D.  Locate well correctly		
feet from (N) (S) line feet from (E) (W) line  Principal Contractor Company Tools Spud Date  Total Depth P.B.T.D.  Locate well correctly		
Company Tools  Neil Sikes  Total Depth  P.B.T.D.  160  160  160  160  160  170  180  180  180  180  180  180  18	]	
pud Date Total Depth P.B.T.D. Locate well correctly		
2177		
	182	
11/9/77 Koch Oil Co.		
STATE CORPORATION		
First 201001		
Report of all strings set — surface, intermediate, production, etc.		
Purpose of string Size hole drilled Size casing set (in O.D.) Weight Ibs/ft. Setting depth Type cement CONSERVATION DIVISIONS addition	percent ves	
Wichita, Kansas		
12 1/4" 8 5/8" 28 1b. 320' Common 180		
4 1/2" 4775' 60-40 Pos 250		
LINER RECORD PERFORATION RECORD		
Top, ft. Bottom, ft. Sacks cement Shots per ft. Size & type Depth int	ervol	
4 Reg. 4675-	-84 <b>'</b>	
TUBING RECORD		
Size Setting depth Packer set at	J	
2 3/8" 4653' 4626'		
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD		
Amount and kind of material used Depth interval treat	ted	
2000 gals. acid 4675-84'	4675-84'	
	<del>,,,,,,</del>	
	<del></del>	
INITIAL PRODUCTION  The of the conduction and the conduction are lift at a conduction.		
April 15, 1978  Producing method (flowing, pumping, ges lift, etc.)  Pumping		
RATE OF PRODUCTION PER 24 HOURS 40 bbis. None MCF 60% XXXX	CF	
Disposition of gas (vented, used on lease or sold)  Producing interval(s)		
4675-84"		

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 Kenses, 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.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Operator Chief Drilling Co., Inc. Well No. Lease Name Oil Well Her1 #1 s\_6 T 125 R 33W E WELL LOG SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. 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. DEPTH NAME FORMATION DESCRIPTION, CONTENTS, ETC. BOTTOM 2659 DST #1 4079-4130' Anhydrite 4070 30-30 30-30 Heebner 4112 Strg. bl., decr. to fair Lansing Rec. 2400' water **BKC** 4412 IBHP: 1280# FBHP: 1265# FP: 333-1188# 4630 L/Cher. Shale 4747 Miss. DST #2 4133-82' 4771 LTD 30-30 60-30 RTD 4768 Gd. b1. 90" Rec. 1030' MW IBHP: 1320# FBHP: 1288# FP: 127-544# DST #3 4186-4221' 30-30 30-30 very wk. bl. 30" Rec. 70' MW IBHP: 1280# FBHP: 1280# FP: 32-48# DST #4 4324-421 30-30 30-30 Wk. bl. 10", very wk. inter. 6", died Rec. 12' OSpkd.M; 3' Free oil All press. 28# DST #5 30-30 60-45 Wk. stdy. bl. 90" Rec. 200' GIP; 40' O&GCM; 100' MO IBHP: 1083# FBHP: 1155# FP: 44-88# Had to get road built before we could install tanks. USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD. **Date Received** Bill G. Lahar, Manager of Exploration June 1, 1979