

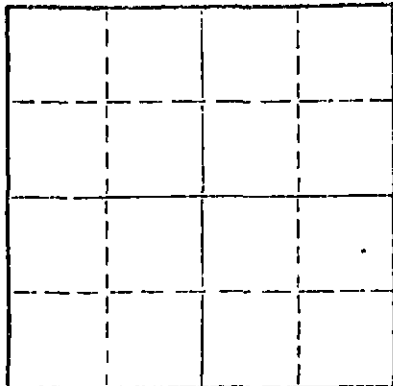
15-145-00840-0000

STATE OF KANSAS  
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
P. O. Box 17027  
Wichita, Kansas 67217  
NORTH

WELL PLUGGING RECORD



Locate well correctly on above  
Section Plot

Pawnee County, Sec. 9 Twp. 23 Rge. 17 (E) (W) X  
Location as "NE/CNWKSWK" or footage from lines C SW/4  
Lease Owner A. L. Abercrambie, Inc.  
Lease Name Hutchinson "C" Well No. #4  
Office Address 801 Union Center Bldg. Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole)  
Date well completed 19  
Application for plugging filed 19  
Application for plugging approved 19  
Plugging commenced 11-2-73 19  
Plugging completed 11-8-73 19  
Reason for abandonment of well or producing formation

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 Leo Massey  
Producing formation Depth to top Bottom Total Depth of Well 4380' Feet  
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
				5 1/2"	4379'	3238.93'
				8 5/8"	245'	

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 for each plug set.

Made bottom hole plug back with sand to 4220'. Mixed and ran 5 sacks cement thru dump bailer.  
Squeezed with 3 sacks bulls and 20 sacks gel. Released plug and displaced with 100 sacks cement with 2% gel.

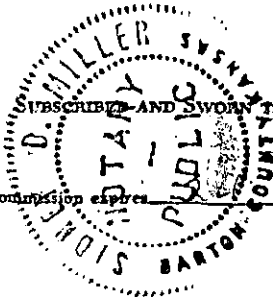
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(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Southwest Casing Pulling Co.  
Address Box 364 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.  
Southwest Casing Pulling Co. (employee 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) W. C. Spencer Sec.  
Box 364 Great Bend, Kansas  
(Address)

Subscribed and sworn to before me this 9 day of November, 1973.  
October 1976  
My commission expires



Sidney D. Miller  
Notary Public.

15-145-00840-0000

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
503 East Murdock, Wichita, Kansas

COPY

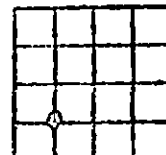
Company: COLORADO OIL & GAS CORPORATION  
Farm: Hutchinson "C" No. 4

SEC. 9 T. 23 R. 17W  
C SW/4  
1320' fr SL, 1320' fr WL

Total Depth. 4380 PBD 4271  
Comm. 6-13-55 Comp. 6-30-55

County Pawnee KANSAS

Shot or Treated.  
Contractor: (RT) Welch & Olsson Drilling Co. (CT) Clock Drilling Co.  
Issued. 9-3-55



Elevation. 2101 DF

Production. BHB Pot. 6047 BOPD  
NW

Figures in brackets Bottom of Formations

sand	80
sand & clay	150
shale & sand	245
shale	380
red bed	590
sand	680
red bed & shale	1137
anhydrite	1165
shale & shells	1600
shale & lime	1680
shale & shells	2020
lime & shale	2105
lime	2235
lime & shale	2675
shale & shells	3100
lime & shale	3551
sand & lime	3630
lime & shale	3676
lime	4204
cherty shale	4220
cherty conglomerate	4250
chert	4380
Total Depth	

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TOPS:

Heebner	3665
Brown lime	3774
Lansing	3782
Conglomerate shale	4208
conglomerate chert	4228
Viola chert	4358

All meas. from KB, 6.75 above BH

DST #1: 4228-50, open 1 hr, gas in 6 min, rec. 3500' oil, FP 300-815#, BHP 1280#/45 min.

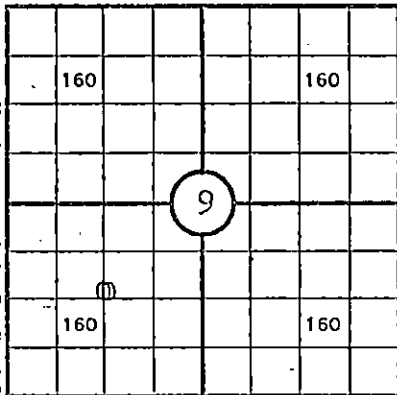
Halliburton ram <sup>14</sup>adiation-Guard Log  
Welex ran Gamma-Ray

Co to 4347' set HM tool @ 4236' perf. 40/4280-90. 3 hr swb tst avgd. 84 BFPH, 95% W. set bridge plug @ 4275, ran 4' cmt. on top plug, TD 4271' parf. 32/4236-41 & 20/4256-61, ran tbg & set packer @ 4223, 3 hr swb tst avgd. .81 BOPH. trtd w/ 250 mud acid MP 750#, broke to 50#, fin. on 50# on vacuum in 2 min, rec. load. 3 hr flow tst avgd 15.45 BOPH, trtd. w/ 5000 gals. hvy oil & 5000# sd. MP 1900#, broke to 1850#, fin. on 1850#, PD to 750# when shutting pump down, on 0# in 5 min. rec. flush, flow tst after load, 1st hr. 75 BO, 2nd hr. 72.5 BO, 3rd hr. 70 BO.

15-14500840-0000

**WELL RECORD**  
 PRODUCTION DEPARTMENT

640 Acres  
 N



LEASE HUTCHINSON "C" WELL NO. 4

RECORD COMPILED July 12 19 55 BY Bill K. Henrichs

LOCATION Center SW/4 ACRES 160

1320 FT. FROM South LINE 1320 FT. FROM West LINE OF

SEC. 9 TWP. 23 S RGE. 17 W COUNTY Pawnee STATE Kansas

STAKED BY Claude McCleary DATE May 5 19 55

ELEVATION: GND. 2099 D.F. 2101 K.B. 2103

ALL MEASUREMENTS ARE FROM Kelly Bushing WHICH IS  
6.75 FT. ABOVE BRADEN HEAD.

POOL: Garfield

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	6-13-55	6-24-55	0	4380	Welch & Olsson
CABLE	6-26-55	6-30-55	4380	4271 FBTD	Clock Drlg. Co.

**PRODUCTION DATA**

DATE	OIL	WATER	TYPE OF TEST	REMARKS
7-19-55	6047	None	BHB Potential	3/8" choke

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**CASING AND TUBING RECORD**

SIZE HOLE DRILLED	DEPTH	CASING SIZE	WT.	THDS.	MAKE, TYPE, GRADE, NEW, USED	CASING POINT	CEMENT			REMARKS
							SACKS	TYPE	ESTIMATED TOP	
12 1/4 IN.	245	8-5/8	24 1/2	8FD	New, J-55, SS	245	200	Portland	Surface	
7 7/8	4380	5-1/2	15.50#	8RD	New, J-55, SS	4379	175	Portland	3400	Sun

SCRATCHERS			CENTRALIZERS		FLOAT EQUIPMENT
FROM	TO	NO.	DEPTH	NO.	
4214	4224	2	4203	1	Shoe Joint 32.27'
4242	4252	2	4280	1	Float @ 4347
4264	4274	2	4362	1	
4310	4320	2			



## WELL RECORD - (CONTINUED)

15-145-60840-0000

WELL NO. 4

LEASE HUTCHINSON "C"

## DRILL STEM TESTS

FORMATION TESTED	FROM	TO	TIME OPEN	RESULTS (Blow, Recovery, BHP, FP)
Congl. Chert	4228	4250	60"	Gas in 6". Rec 3500' oil. FP 300-815#.
	2125	2147		BHP 1280# in 45".

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## SURVEYS (LOGS)

TYPE	COMPANY	DATE
Radiation - Guard	Halliburton	6-23-55
Gamma Ray	Welex	6-27-55

## COMPLETION RECORD

Cleaned out to 4347. Set HM tool @ 4236'. Perf 40/4280-4290. 3 hr swab test avgd .84 BFPH, 95% wtr. Set bridge plug @ 4275. Ran 4' cement on top of plug. TD 4271. Perf 32/4236-41 and 20/4256-61. Ran 2 1/2" tubing, set packer @ 4223. 3 hr swab test avgd .81 BOPH. Treated with 250 mud acid. Max press 750#, broke to 50#, finished on 50#, on vacuum in 2". Rec load. 3 hr flow test avgd. 15.45 BOPH. Treated with 5000 gals heavy oil plus 5000# sand. Max press 1900#, broke to 1850#, finished on 1850#. PD to 750# when shutting pump down, on 0# in 5". Rec flush. Flow test after load, 1st hr 75 BO, 2nd hr 72.5 BO, 3rd hr 70 BO.

STATE TEST: BHB Potential: 6047 BOPD, no water

Choke: 3/8"

Static BHP: 1259 psi

Flowing BHP: 1165 psi

Bomb set @ 4200'

# WELL RECORD - (CONTINUED)

15-145-60840-0060

## ACIDIZING RECORD

DATE	6-29-55	6-29-55			
QUANTITY (GALS.)	250 Mud acid	5000 sand-oil	frac		
MAX. TUB. PR.	750#	1900#			
MAX. CAS'G PR.					
BLANKET					
HOURS					
METHOD					
OIL BEFORE	.84 BPH	15.45 BPH			
OIL AFTER	15.45 BPH	72.52 BPH			
WATER BEFORE	None	None			
WATER AFTER	None	None			
DONE BY	Dowell	Dowell			

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### DEFLECTION

### PLUGGING RECORD

DEPTH	ANGLE	V. CORR.	START	19	FINISH	19
2000'	OK		GIVE RECORD OF PLUGS DRIVEN, CEMENT, ROCK, ETC., MUD AND HOW PLACED, AND ALL PIPE LEFT IN HOLE.			
3000'	OK					

### ADDITIONAL INFORMATION & RECOMMENDATIONS

All possible producing zones have been perforated.

1973 Jan 5