

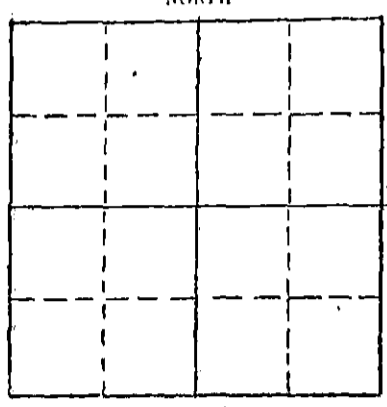
15-145-00857-0000

STATE OF KANSAS  
STATE CORPORATION COMMISSION

Form CP-1

File All Information Completely  
Make Required Affidavit  
Must be Delivered Report to  
Conservation Division  
State Corporation Commission  
P. O. Box 17027  
Wichita, Kansas 67217

WELL PLUGGING RECORD



Locate well correctly on above  
Section Plot

Pawnee County, Sec 9 Twp 23 Rge 17 (E) (W) X  
Location as "NE/CNWSW" or footage from lines C W/2 W/2 NW/4  
Lease Owner A. L. Abercrombie, Inc.  
Lease Name Hutchinson E Well No. #5  
Office Address 801 Union Center Wichita, Kansas 67202  
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 4-9-74 19\_\_  
Plugging completed 4-17-74 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 4335' 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"	4333'	2727.45'
				8 5/8"	243'	

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 4000'. Mixed and ran 4 sacks cement thru dump bailer.  
Pump 3 sacks hulls - 20 sacks gel and 100 sacks cement.

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APR 22 1974  
CONSERVATION DIVISION  
Wichita, Kansas

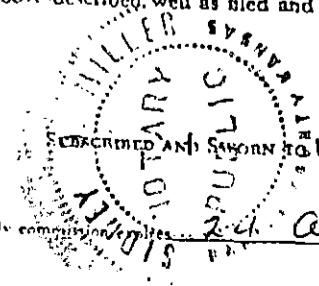
Name of Plugging Contractor Southwest Casing Pulling Co. (If additional description is necessary, use BACK of this sheet)  
Address Box 364 Great Bend, Kansas

STATE OF Kansas COUNTY OF Barton ss.  
Southwest Casing Pulling Co. (employ of owner) 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 19 day of April 19 74



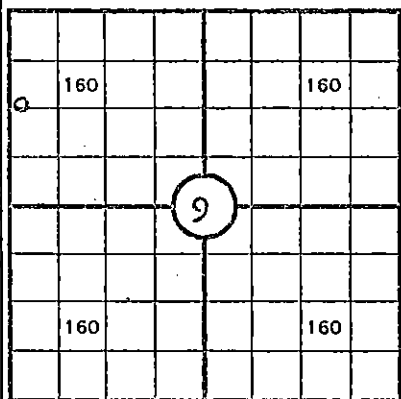
Sidney D. Miller  
Notary Public.

My commission expires 24 October 1976

**THE DERBY OIL COMPANY  
WELL RECORD  
PRODUCTION DEPARTMENT**

15-145-66857-0000

640 Acres  
N



LEASE HUTCHINSON "E" WELL NO. 5  
 RECORD COMPILED May 29 19 56 BY Bill K. Henrichs  
 LOCATION C W/2 W/2 NW/4 ACRES 160  
1320 FT. FROM North LINE 330 FT. FROM West LINE OF  
 SEC. 9 TWP. 23S RGE. 17W COUNTY Pawnee STATE Kansas  
 STAKED BY Claude McCleary DATE March 16 19 56  
 ELEVATION: GND. 2075 D.F. 2077 K.B. 2080  
 ALL MEASUREMENTS ARE FROM Kelly Bushing WHICH IS  
6.50 FT. ABOVE BRADEN HEAD.

POOL: Garfield

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	3-17-56	3-28-56	0	4335	Honaker Drlg., Inc.
CABLE	3-30-56	4-6-56	4335	4300	Peters Drlg. Co.

**PRODUCTION DATA**

DATE	OIL	WATER	TYPE OF TEST	REMARKS
5-11-56	491 BPD	-0-	State Phys. Productivity	16 SEM X 5 1/2". 8 hrs.

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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.	243	8-5/8"	24 1/2	8rd	New, J-55, SS	243	175	Common	Surface	400#/cc. Howco
7-7/8"	4335	5-1/2"	15.50#	8rd	New, J-55, SS	4333	175	Common	3400'	Howco

**SCRATCHERS**

**CENTRALIZERS**

**FLOAT EQUIPMENT**

FROM	TO	NO.	DEPTH	NO.	
			4050'	1	Shoe Joint 32.96'
			4156'	1	Float @ 4300.04'
			4323'	1	

WELL LOG - (CONTINUED)

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FORMATION	FROM	TO	NO. OF FEET	FORMATION	FROM	TO	NO. OF FEET
Sand	0	30	30				
Red Bed & Shale	30	60	30				
Clay & Shale	60	190	130				
Blue Shale	190	360	170				
Shale	360	580	220				
Dakota Sand	580	650	70				
Red Bed & Shale	650	1105	455				
Anhydrite	1105	1135	30				
Shale & Shells	1135	1565	430				
Salt	1565	1650	85				
Lime & Shale	1650	3838	2188				
Lime	3838	4145	307				
Lime, Chert & Shale	4145	4235	90				
Lime & Chert	4235	4280	45				
Lime	4280	4335	55				
R.T.D.	4335						

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GEOLOGICAL DATA

FORMATION	TOP	SUB-SEA DATUM	REMARKS (OIL OR GAS SHOWS)
Heebner	3634	-1554	4190-94 Gd. str.
Brown Lime	3741	-1661	4202-10 Gd. str.
Lensing	3748	-1668	4216-22 Very gd. str.
Congl. Shale	4162	-2082	4222-30 Gd. str.
Congl. Chert	4196	-2116	4240-46 Gd. str. (C.E.F.)
Viola	4318	-2238	
R.T.D.	4335	-2255	
C.T.T.D.	4300	-2220	

WELL RECORD - (CONTINUED)

15-145-10857-0000

WELL NO. 5

LEASE HUTCHINSON "E"

DRILL STEM TESTS

FORMATION TESTED	FROM	TO	TIME OPEN	RESULTS (BLOW, RECOVERY, BHP, FP)
				No D.S.T. run.

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SURVEYS (LOGS)

TYPE	COMPANY	DATE
Gamma Ray-Neutron	Halliburton	3-27-56

COMPLETION RECORD

C.O. to 4300'. Perf. 40/4250-4260'. Bld. 9 gal. mdy wtr., no show. 500 mud acid. Max. press. 1450#, finished on 1300#. PD to 1000#/5", to 450#/2 hrs.. Bled off press.. Short 15 bbls. rec. load. Set bridge plug @ 4244'. Perf. 40/4218-4228'. No show oil or gas. 500 mud acid. Max. press 1350#, finished on 1150#. PD to 200#/1-1/2 hrs. Bled off press. Swbd. load back. Swbd. 7.93 BOPH/4 hrs.. Frac w/5000 gal. gelled oil / 4000# sand. Max. press 2600#, finished on 2250#. PD to 1000#/1", to 0#/1-1/2 hrs.. Swbd. load back.. Swbd. 9.58 BOPH/4 hrs.. Set bridge plug @ 4214'. Perf. 32/4200-4208. Swbd. 9.09 BOPH/4 hrs.off btm.. 500 mud acid. Max. press 1550#, finished on 1550#. PD to 0#/55". Swbd. 20.85 BOPH/4 hrs.. Flwd. 18 BO 1 hr. after swab test. Frac w/7000 gal. gelled oil / 5000# sand. Max. press 2600#, min press 2400#, finished on 2500#. PD to 1000# immed., to 800#/5", to 50#/1-3/4 hrs.. Flwd. load back. Flwd. 23.40 BOPH/ 8 hrs.

State Physical Productivity: 491 BOPD, no wtr. 16 SPH X 54"  
8 hrs.  
5-11-56

ACIDIZING RECORD

DATE	3-31-56	4-2-56	4-2-56	4-4-56	4-5-56
QUANTITY (GALS.)	500 mud acid	500 mud acid	*	500 mud acid	*
MAX. TUB. PR.				1550#	2600#
MAX. CAS'G PR.	1450#	1350#			
BLANKET					
HOURS					
METHOD					
			*5000 gelled oil		*7000 gelled oil
			4000# sand		5000# sand
OIL BEFORE	No show	No show	7.93 BPH	9.09 BPH	20.85 BPH
OIL AFTER	Short on load	7.93 BPH	9.58 BPH	20.85 BPH	23.40 BPH
WATER BEFORE	1.8 GPH	0	0	0	0
WATER AFTER		0	0	0	0
DONE BY	Howco	Howco	Howco	Howco	Howco

DEFLECTION

PLUGGING RECORD

DEPTH	ANGLE	V. CORR.	START	FINISH
243'	1/2°			
500'	1/2°			
1000'	1/2°			
1500'	1°			
2000'	1°			
2500'	3/4°			
3000'	1°			
3500'	1/2°			
4000'	1/2°			

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ADDITIONAL INFORMATION & RECOMMENDATIONS

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PRODUCTION DEPT.  
DENVER

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Wichita, Kansas

AFE NO.

None

SUBSEQUENT OPERATION NO. 1

District: Wichita

Lease: Hutchinson "E" Well No. 5 Field: Garfield

Soc. 9 Twp. 23S Rge. 17W; County: Pawnee State: Kansas

Operation Commenced: November 12, 1959 Operation Completed: January 15, 1960

Nature of Operation: Drove bridge plug to open additional zones and refraced zones.

Producing formation and interval before this workover: Conglomerate: 4200-4208

Producing formation and interval after this workover: Conglomerate: 4200-4208; 4218-4228; 4250-4260

(Mark out choke size, etc., or pump size, etc. if not applicable)

Date	Production	Bbls. Oil	Bbls. Water	MCF Gas	Prod. Method	<del>XXXXXXXXXXXXXXXXXXXX</del>			P.B.T.D. Before Workover <u>4214</u>
						Pump Size	Length Stroke	S.P.M.	P.B.T.D. After Workover <u>4260</u>
11/59	Before workover, normal	3	7		Pump				(Mark out P.B. if not applicable)
2-8-60	After workover, normal	16	28		Pump				
	Potential after workover								

Details of operation; all plugs, perforations, cementing, treatments, test, logs, etc., in chronological order.

Pulled rods and pump. Tbg. sanded up. Cut off tbg @ 3970'. Fished tbg. CO to bridge plug @ 4244'. Drove bridge plug to 4260'. CO sand. 4 hr swab test avgd. 3 BFPH, 50% water. Ran tbg & rods. P.O.P.

Pump Tests: 11-21-59 6 BO / 26 BW/12 hrs.  
11-22-59 8 BO / 40 BW/24 hrs.  
11-30-59 2 BO / 20 BW/24 hrs.

1-15-60: Pulled rods & tbg. Trtd w/20,000 gals. oil / 20,000# sand. Used 72 ball sealers. MP 1650#, FP 1325#. Pump Rate 16 BPM. Ran tbg & rods. P.O.P. Pmpd load back. Load recovered 2-7-60.

Pump Test: 2-8-60 16 BO / 28 BW/24 hrs.

NOTE: Lease operated by Honaker-Davis at time of workover.

(Continue on back if additional space required)

Comments or Recommendations for additional recompletion work:

Distribution
Dist. Prod. _____
Field _____
Denver Prod. _____