

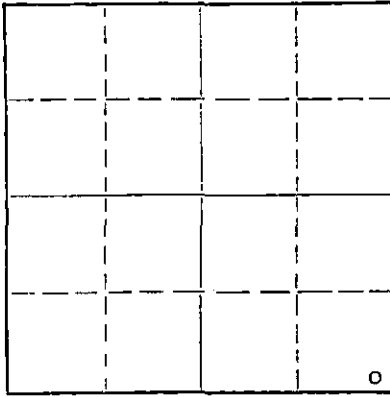
STATE OF KANSAS  
STATE CORPORATION COMMISSION

Give All Information Completely.  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 No. Market  
Wichita, Kansas

15-145-00845-0007  
Form CP-4

WELL PLUGGING RECORD

NORTH



Locate well correctly on above  
Section Plat

Pawnee County. Sec. 9 Twp. 23 Rge. (E) 17 (W)  
Location as "NE/CNW/SW" or footage from lines SE SE SE  
Lease Owner Colorado Oil Company  
Lease Name Hutchinson "D" Well No. 4  
Office Address 915 Union Natl. Bldg., Wichita, Kansas 67202  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed May 16 1955  
Application for plugging filed April 27 1970  
Application for plugging approved April 28 1970  
Plugging commenced May 6 1970  
Plugging completed June 22 1970  
Reason for abandonment of well or producing formation Depleted.

If a producing well is abandoned, date of last production March 1968  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Leo Massey  
Producing formation Congl. Chert Depth to top 4228 Bottom Total Depth of Well 4375' 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
				8-5/8"	256'	None
				5-1/2"	4374'	2725'

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.

Sanded to 4250', ran 5 sacks of cement. Shot pipe at 3328',  
3218', 3025', 2929', loaded hole with water. Shot pipe at  
2860', 2802', 2702', worked pipe loose and pulled 85 joints.  
Halliburton pumped 5 sacks hulls, 20 sacks mud and 100 sacks  
of cement.

PLUGGING COMPLETE.

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STATE CORPORATION COMMISSION  
JUL 13 1970  
CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Knight Casing Pulling Co., Inc.  
Address P. O. Box 405, Chase, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.  
Bill K. Henrichs (employee 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) Bill K. Henrichs  
915 Union Natl. Bldg., Wichita, Kansas 67202  
(Address)

SUBSCRIBED AND SWORN TO before me this 10th day of July, 1970

My commission expires Feb. 19, 1973

Betty J. McElwain  
Notary Public.

# THE DERBY OIL COMPANY

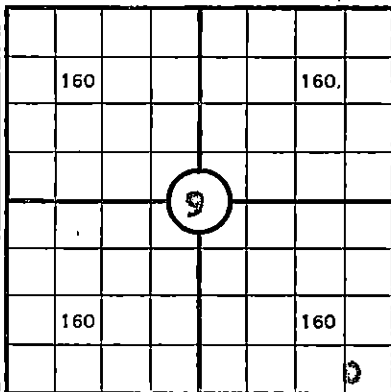
## WELL RECORD

PRODUCTION DEPARTMENT

15-145-00845-002

640 Acres

N



LEASE Hutchinson "D" WELL NO. 4

RECORD COMPILED June 16 19 55 BY Bill K. Heinrichs

LOCATION App. SE SE SE ACRES 320

440 FT. FROM East LINE 440 FT. FROM South LINE OF

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

STAKED BY Glenda McCleary DATE April 14 19 55

ELEVATION: GND. 2094 D. F. 2096 K. B. 2099

ALL MEASUREMENTS ARE FROM Kelly Bushing WHICH IS 6.40 FT. ABOVE BRADEN HEAD.

POOL: Garfield

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	4-22-55	5-6-55	0	4375	Honaker Drlg., Inc.
CABLE	5-9-55	5-16-55	4375	4330	Peters Drlg. Co.

### PRODUCTION DATA

DATE	OIL	WATER	TYPE OF TEST	REMARKS
6-2-55	950	None	BBB Potential	2 1/4" choke

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Wichita, Kansas

### 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 1/2 IN.	256	8 5/8	24 1/2	8 RD	New, J-55, SS	256	175	Portland	surface	200# C.C.
7 7/8	4375	5 1/2	15.50	8 RD	New, J-55, SS	4374	175	Portland	3375	Globe

#### SCRATCHERS

#### CENTRALIZERS

#### FLOAT EQUIPMENT

FROM	TO	NO.	DEPTH	NO.	
4216	4226	2	4204	1	Shoe Joint 29.30'
4240	4250	2	4270	1	Float Collar @ 4344.70
4260	4270	2	Bottom Joint	1	

## WELL LOG-(CONTINUED)

FORMATION	FROM	TO	NO. OF FEET	FORMATION	FROM	TO	NO. OF FEET
Clay and Sand	0	50	50	Sand	4250	4255	5
Sand and Shale	50	100	50	Chert and Shale	4255	4310	55
Shale and Shells	100	380	280	Lime	4310	4315	5
Red Bed	380	600	220	Shale and Chert	4315	4375	60
Sand	600	675	75	R.T.D.	4375		
Shale, Redbed & Shells	675	1140	465				
Anhydrite	1140	1175	35				
Shale and Shells	1175	1500	325				
Shale, Shells, Salt	1500	1880	380				
Shale and Shells	1880	1975	95				
Lime and Shale	1975	2330	355				
Shale and Lime	2330	2515	185				
Shale and Shells	2515	2555	40				
Shale and Lime	2555	3480	925				
Lime and Shale	3480	3760	280				
Shale and Lime	3760	3788	28				
Lime	3788	4200	412				
Lime w/Chert streaks	4200	4250	50				

## GEOLOGICAL DATA

[illegible]

## WELL RECORD--(CONTINUED)

15-145-00845-0002

WELL NO. 4

LEASE Hutchinson "D"

## DRILL STEM TESTS

FORMATION TESTED	FROM	TO	TIME OPEN	RESULTS (BLOW, RECOVERY, BHP, FP)
Conglomerate	4210	4255	60"	Gas in 7". Rec 3540' oil & 60' HOMOGEN. IFP 195# FFP 630#. BHP 1320# in 30".
Congl. Cherty & Sand	4282	4310	60"	Fair blow thru-out. Rec 70' VEOGCM. BHP 0# in 60".

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## SURVEYS (LOGS)

TYPE	COMPANY	DATE
Micro Log	Schlumberger	5-6-55
Gamma Ray - Neutron	Lane Wells	5-10-55

## COMPLETION RECORD

Cleaned out 4343. Ran Howco HM tool, packer set @ 4222. Perf 4248-56 w/32 shots. Swabbed tubing down. Tested 2 hrs after swabbing down. No show oil. Treated w/ 250 gals MCA acid. Max press 1200#, broke to 900#, finished on 900#. 5" PD 250#, 25" PD 800#. Dropped to 0# in 1 hr. 2 hr swab test after load back; 1st hr. 5.84 BO, 2nd hr. 6.68 BO. Treated w/7500 gals Petro-Frac plus 7900 # sand. Max press 2400#, finished on 2300#, dropped to 1200# when shutting pumps down. Dropped to 0# in 3 hrs. Lacked 64 bbls of recovering load. Set LW plug @ 4242. Ran HM tool, packer set @ 4183. Perf 4228-32 w/32 shots. Flowed avg. of 17 BOPH for 2 hrs. Treated w/500 gals MCA acid. Max press 1600#, broke to 1400#, finished on 1400#. PD to 0# in 13". 7 hr flow test after recovery of flush avgd. 28.23.85 BOPH. Treated w/7000 gals Petro-Frac and 7000# sand. Max press 2550#, finished on 2500#. PD to 400# in 3 hrs. Bled off press, recovery of flush. 4 hr flow test avgd. 33.97 BOPH. Pulled tubing, drove bridge plug to 4330. 3 hr. flow test: 1st hr. 38.41 BO, 2nd hr. 51.69 BO, 3rd hr. 46.68 BO.

STATE TEST: 6-2-55 BHP Potential: 960 BOPD, no water.  
Static BHP - 1340# @ 4260'  
Flowing BHP - 678#  
Flowing thru 24/64" choke.

# WELL RECORD - (CONTINUED)

## ACIDIZING RECORD

DATE	5-11-55	5-11-55	5-13-55	5-14-55	
QUANTITY (GALS.)	250 MCA	7500 Petro-Frac 7500# Sand	500 MCA	7000 Petro-Frac 7000# Sand	
MAX. TUB. PR.	1200#	2400#	1600#	2550#	
MAX. CAS'G PR.					
BLANKET					
HOURS					
METHOD					
OIL BEFORE	None	6.01 BPH	17 BPH	23.85 BPH	
OIL AFTER	6.01 BPH	Didn't rec. load	23.85 BPH	33.97 BPH	
WATER BEFORE	None	None	None	None	
WATER AFTER	None	None	None	None	
DONE BY	Howco	Dowell	Howco	Dowell	

## DEFLECTION

## PLUGGING RECORD

DEPTH	ANGLE	V. CORR.	START	19	FINISH	19
500	Misrun		GIVE RECORD OF PLUGS DRIVEN, CEMENT, ROCK, ETC., MUD AND HOW PLACED, AND ALL PIPE LEFT IN HOLE.			
1000	00					
1500	00					
2000	00					
2500	00					
3000	00					

## ADDITIONAL INFORMATION & RECOMMENDATIONS

Upon depletion of present production, the following zones should be perforated and tested.

- a) 4268-76
- b) 4284-98