

15-145-05858-0001

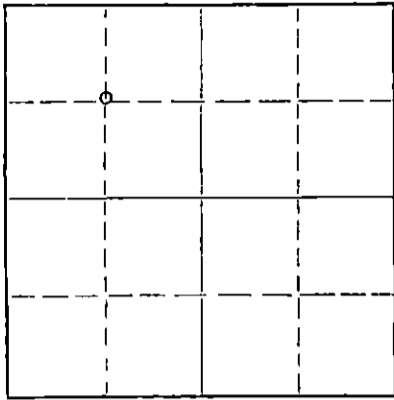
STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD

Pawnee County, Sec. 9 Twp. 23 Rge. (E) 17 (W) 17  
Location as "NE/CNW/SW" or footage from lines C NW/4  
Lease Owner Colorado Oil Company  
Lease Name Hutchinson "E" Well No. 6  
Office Address 915 Union Natl. Bldg., Wichita, Kansas 67202  
Character of Well (completed as Oil, Gas or Dry Hole) Oil SWD  
Date well completed April 20 19 56  
Application for plugging filed April 30 19 69  
Application for plugging approved May 1 19 69  
Plugging commenced May 16 19 69  
Plugging completed May 23 19 69  
Reason for abandonment of well or producing formation Depleted

NORTH



Locate well correctly on above  
Section Plat

If a producing well is abandoned, date of last production August 1 19 65  
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 4214 Bottom \_\_\_\_\_ Total Depth of Well 4357 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"	241	None
				5-1/2"	4356'	3123'

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.

Checked hole to 4230', ran sand to 4200' and dumped 5 sacks of cement. Shot pipe at 3200', 2106', worked pipe loose and pulled 103 joints. Allied pumped 20 sacks of mud, 5 sacks of hulls and 100 sacks of cement to plug well.

PLUGGING COMPLETE.

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Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Knight Casing Pulling Co., Inc.  
Address 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 12th day of June, 19 69

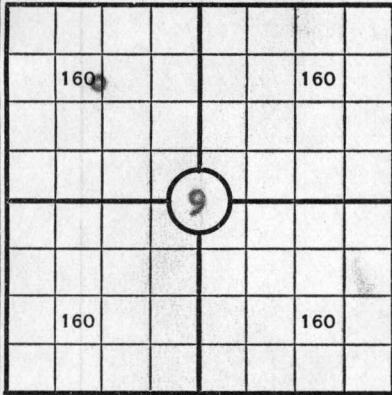
Betty J. McElwain  
Betty J. McElwain Notary Public.  
My commission expires February 19, 1973



THE DERBY OIL COMPANY  
WELL RECORD  
PRODUCTION DEPARTMENT

15-145-66858-0001

640 Acres  
N



LEASE HUTCHINSON "B" WELL NO. 6  
 RECORD COMPILED May 29 1956 BY Bill K. Henrichs  
 LOCATION C NW/4 ACRES 160  
1320 FT. FROM North LINE 1320 FT. FROM West LINE OF  
 SEC. 9 TWP. 23S RGE. 17W COUNTY Pawnee STATE Kansas  
 STAKED BY Claude McCleary DATE March 28 19 56  
 ELEVATION: GND. 2090 D. F. 2093 K. B. 2095  
 ALL MEASUREMENTS ARE FROM Kelly Bushing WHICH IS  
6.50 FT. ABOVE BRADEN HEAD.

POOL: Garfield

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	3-29-56	4-10-56	0	4357	Honaker & Davis
CABLE	4-12-56	4-20-56	4357	4321	Clock Drlg. Co.

PRODUCTION DATA

DATE	OIL	WATER	TYPE OF TEST	REMARKS
5-8-56	1409 BPD	0	State BHB Test	1/2" choke. BHP 1160 psig GOR: 0.258 MCF/bbls.

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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 1/2 IN.	242	8-5/8"	24 1/2	8rd	New, J-55, ss	241	175	Common	Surface	300# cc Globe
7-7/8"	4357	5-1/2"	15.50	8rd	New, J-55, ss	4356	175	Common	3400	Globe

SCRATCHERS

CENTRALIZERS

FLOAT EQUIPMENT

FROM	TO	NO.	DEPTH	NO.

Shoe Joint 3552'  
Float @ 4320.48'





LEASE HUTCHINSON "E"

DRILL STEM TESTS

FORMATION TESTED	FROM	TO	TIME OPEN	RESULTS (BLOW, RECOVERY, BHP, FP)
				No D.S.T.'s run.

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SURVEYS (LOGS)

TYPE	COMPANY	DATE
Gamma Ray-Neutron	Halliburton	4-9-56

COMPLETION RECORD

C.O. to 4321'. Perf. 40/4264-4274'. GSO on gun. Bld. 20 GO / 20 GWPH/4 hrs. 500 mud acid. Max. press 900#, finished on 850#. PD to 0# in 1-1/2 hrs. Swbd. load back. Swbd. 1.67 BPPH/4 hrs., 40% wtr.. Set bridge plug @ 4260'. Perf. 56/4236-4250'. Bld. 40 GPPH/4 hrs.. Good show gas. 500 mud acid. Max. press 1400#, finished on 900#. On vacuum/15". Swbd. load back. Swbd. 4.03 BOPH/12 hrs.. Frac. w/5000 gal. gelled oil / 4000# sand. Max. press. 2000#, finished on 2000#. PD to 0#/21".. Swbd. load back.. Swbd. 11 BOPH/12 hrs.. Good flow of gas. Killed well. Set bridge plug @ 4230'. Perf. 32/4216-4224. Swbd. 1. BOPH/3 hrs.. Good show gas. 500 mud acid. Max. press 1900#, finished on 1900#. On vacuum/3". Swbd. load back.. Swbd. 22 BOPH/7 hrs.. Well flwd. last 3 hrs. of test. avg. 14 BOPH. Frac w/5000 gelled oil / 4300# sand. Max. press 2600#, finished on 2450#. PD to 0#/16".. Swbd. & flwd. load back.. Flwd. 26.71 BOPH/8 hrs.

State BRB TEST: 5-8-56, 1409 BOPD, no wtr., 1/2" choke  
Bomb set @ 4225'  
Static BHP: 1160 psig  
Flwdg. BHP: 825 psig  
Prod. Rate: 16.70 BOPH  
GOR: 0.258 MCF/bbl

# WELL RECORD - (CONTINUED)

## ACIDIZING RECORD

DATE	4-13-56	4-14-56	4-15-56	4-18-56	4-19-56
QUANTITY (GALS.)	500 mud acid	500 mud acid	*	500 mud acid	*
MAX. TUB. PR.			2000#	1900#	2600#
MAX. CAS'G PR.	900#	1400#			
BLANKET					
HOURS					
METHOD					
			*5000 gelled oil /4000# sand		*5000 gelled oil /4300# sand
OIL BEFORE	20 GPH	40 GPH	4.03 BPH	1 BPH	22 BPH
OIL AFTER	1 BPH	4.03 BPH	11.00 BPH	22 BPH	26.71 BPH
WATER BEFORE	20 GPH	0	0	0	0
WATER AFTER	.67 BPH	0	0	0	0
DONE BY	Dowell	Dowell	Dowell	Dowell	Dowell

### DEFLECTION

### PLUGGING RECORD

DEPTH	ANGLE	V. CORR.	START	FINISH
200'	1°			
1000'	1/4°			
1500'	1/4°			
2000'	1/2°			
2500'	1/2°			
3000'	1/2°			
3500'	1/2°			
4000'	3/4°			

### ADDITIONAL INFORMATION & RECOMMENDATIONS

PRODUCTION DEPARTMENT  
WORKOVER RECORD

AFE NO.

None

SUBSEQUENT OPERATION NO. 1

District: Wichita

Lease: Hutchinson "E" Well No. 6 Field: Garfield

Sec. 9 Twp. 23S Rgo. 17W; County: Pawnee State: Kansas

Operation Commenced: April 30, 1962 Operation Completed: May 2, 1962

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

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Producing formation and interval before this workover: Conglomerate; 4216-4224

Producing formation and interval after this workover: Conglomerate; 4216-4224; 4236-4250

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

Date	Production	Bbls. Oil	Bbls. Water	MCF Gas	Prod. Method	PUMP AND CHOKES			P.B.T.D. Before Workover. <u>4230'</u>
						Pump Size	Length Stroke	S.P.M.	
4-62	Before workover, normal	3.12	9.84		Pump		44"	10 $\frac{1}{2}$	P.B.T.D. After Workover. <u>4252'</u>
5-10-62	After workover, normal	21.95	53.75		Pump		44"	10	(Mark out P.B. if not applicable)
	Potential after workover								

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

Drilled and drove bridge plug from 4230' to 4252'. Trtd w/20,000 gals. gelled water, 3% acid / 20,000# sand. Used 55 ball sealers. MP 1600#. Pressure dropped to 0# 2" after pump shut down. Ran bailer, no fill up with sand. Recovered 30 balls. Ran tubing & rods. P.O.P.

NOTE: Lease operated by Graridge Corporation at time of workover.

(Continue on back if additional space required)

Comments or Recommendations for additional recompletion work:

Distribution  
Dist. Prod. \_\_\_\_\_  
Field \_\_\_\_\_  
Denver Prod. \_\_\_\_\_

COLORADO OIL COMPANY

PRODUCTION DEPARTMENT  
RECOMPLETION RECORD

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AFE NO. 1939-1

SUBSEQUENT OPERATION NO. 2

District: Wichita

Lease: Hutchinson "E" Well No.: 6 Field Garfield

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

Operation Commenced: August 4, 1965 Operation Completed: August 5, 1965

Nature of Operation: Convert to Injection Well.

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Producing formation and interval before this recompletion: Congl. Chert: 4216-4224; 4236-4250

Injection  
Producing Zone (s) after recompletion:

Formation	Interval	Natural Test	Treatment	Final Test
Congl. Chert	4216-4224 4236-4250	None	None	Input: 183 Bbls/42" on vac.

P.B.T.D. Before recompletion 4252 Ft. P.B.T.D. After recompletion 4287 Ft. (mark out P.B. if not applicable)

Production before recompletion: 4.50 BOPD / 10.50 BHPD

Production after recompletion: Input Test: 183 Bbls/42" on vacuum.

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

Drilled bridge plug @ 4252' and CO to 4287'.  
Input Test - 183 BW/42" on vacuum.

Injection started: August 25, 1965

Distribution

Dist. Prod. \_\_\_\_\_

Field \_\_\_\_\_

Denver Prod. \_\_\_\_\_

Dist. Geo. \_\_\_\_\_

Denver Geo. \_\_\_\_\_