

15.145-00304-0000

Form CP-4

STATE OF KANSAS
STATE CORPORATION COMMISSION

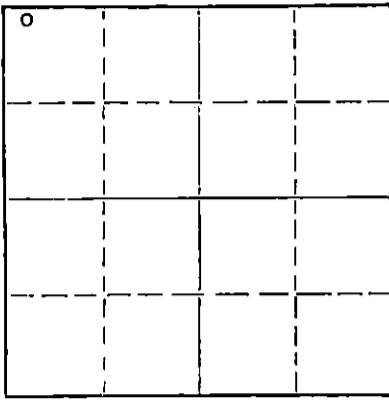
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD

Pawnee County. Sec. 15 Twp. 23 Rge. (E) 17 (W)

Location as "NE/CNW/SW" or footage from lines NW NW NW
Lease Owner Colorado Oil Company
Lease Name Fertig Well No. 1
Office Address 915 Union Natl. Bldg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed March 18 1955
Application for plugging filed April 27 1970
Application for plugging approved April 28 1970
Plugging commenced May 21 1970
Plugging completed June 22 1970
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 February 25 1970
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 4222 Bottom Total Depth of Well 4390 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"	251'	None
				5-1/2"	4389'	3060'

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 4200', ran 5 sacks of cement. Loaded hole with water, shot pipe at 3386', 3290', 3185', 3087'. Pulled 96 joints. Halliburton pumped 5 sacks hulls, 20 sacks mud and 100 sacks of cement.

PLUGGING COMPLETE.

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JUL 13 1970
CONSERVATION DIVISION
Wichita, Kansas 7-13-1970

(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 National Bldg., Wichita, Kansas
(Address)

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

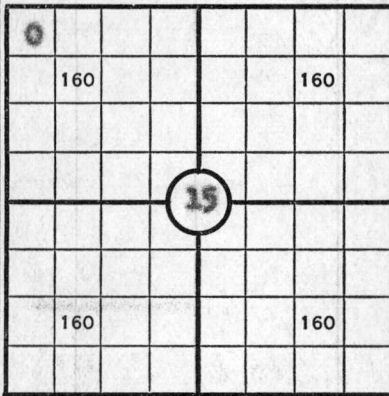
My commission expires Feb. 19, 1973

Betty J. McElduin
Notary Public.

THE DERBY OIL COMPANY
WELL RECORD
PRODUCTION DEPARTMENT

15-145-00304-0000

640 Acres
N



LEASE Fertig WELL NO. 1
 RECORD COMPILED March 25 19 55 BY Bill K. Henrichs
 LOCATION Approx. NW NW NW ACRES 160
440 FT. FROM North LINE 440 FT. FROM West LINE OF
 SEC. 15 TWP. 23 RGE. 17 W COUNTY Pawnee STATE Kansas
 STAKED BY Claude McCleary DATE February 23 19 55
 ELEVATION: GND. 2092 D. F. 2095 K. B. 2098
 ALL MEASUREMENTS ARE FROM Kelly Bushing WHICH IS
6.80 FT. ABOVE BRADEN HEAD.

POOL: Garfield

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	2-26-55	3-12-55	0	4390	Honaker Drig., Inc.
CABLE	3-14-55	3-18-55	4390	4370	Clock Drig. Co.

PRODUCTION DATA

DATE	OIL	WATER	TYPE OF TEST	REMARKS
3-28-55	1412	0	State Bomb Test	25/64" Choke, BHP 1394, P.P. 1009

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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.	252	8 5/8	24	8 RD	New, J-55, SS	251	175	Portland Surface		200' C.C.
7 7/8	4390	5 1/2	15.50	8 RD	New, J-55, SS	4389	200	Portland 3440 *		Howco
										*Temperature Survey

SCRATCHERS

CENTRALIZERS

FLOAT EQUIPMENT

FROM	TO	NO.	DEPTH	NO.	
4176	4186	1	4177	1	Shoe Joint 35.76
4249	4259	1	4270	1	Float @ 4353.24
4276	4286	1	4304	1	
4316	4326	1			

WELL LOG - (CONTINUED)

FORMATION	FROM	TO	NO. OF FEET	FORMATION	FROM	TO	NO. OF FEET
Sand and Clay	0	50	50				
Shale and Sand	50	110	60				
Shale and Shells	110	450	340				
Red Bed	450	600	150				
Sand	600	660	60				
Red Bed, Shale, Streaks	660	1000	340				
Red Bed and Shale	1000	1140	140				
Anhydrite	1140	1185	45				
Shale and Shells	1185	2020	835				
Lime and Shale	2020	2450	430				
Lime	2450	2480	30				
Shale and Lime	2480	3305	825				
Shale and Shells	3305	3410	105				
Lime and Shale	3410	3660	250				
Lime	3660	3678	18				
Shale (Heebner)	3678	3683	5				
Lime	3683	3704	21				
Shale and Lime	3704	3740	36				
Lime and Shale	3740	3815	75				
Lime	3815	4270	455				
Lime and Chert	4270	4398	128				
RTD	4398						

GEOLOGICAL DATA

FORMATION	TOP	SUB-SEA DATUM	REMARKS (OIL OR GAS SHOWS)
Halliburton Tops			
Heebner	3676	-1578	
Brown Lime	3786	-1688	
Lansing	3794	-1696	
Congl. Shale	4207	-2109	
Congl. Chert	4222	-2124	
Miss. Chert	4287	-2189	
Miscner Sand	4303	-2205	
No Viola			
R. T. D. (Hallib.)	4390	-2292	
R. T. D. (Drir.)	4398	-2300	
C. O. T. D.	4370	-2272	
Drill Pipe Measurement	4393.67'		
Oil String Measurement	4393'		

LEASE Fertig

DRILL STEM TESTS

FORMATION TESTED	FROM	TO	TIME OPEN	RESULTS (Blow, Recovery, BHP, FP)
Pt. Scott Lime	4189	4208	60"	Good blow 60". 35' @ 0.50% BHP 450# in 45", still building.
Congl. Chert	4223	4248	40"	Gas To surface in 5". Flowed oil by heads in 30", Flowed steady in 35". FP 500-750#. BHP 1320# in 60". Gas Test: 83 MCP.
Congl. Chert	4248	4262	11"	Weak blow 5". Rec. 15' mud BHP 620# in 60".
Misc. Chert	4287	4302	15"	Weak blow 10". Rec. 30' mud. BHP 0# in 60".
Miscner Sand	4303	4314	90"	Good blow 90". Rec. 240' Gas & 75' NONCOM. BHP 940# in 90"

SURVEYS (LOGS)

TYPE	COMPANY	DATE
Radiation-Guard	Halliburton	3-11-55

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COMPLETION RECORD

Drilled plug and cleaned out to 4370'. Ran 2 1/2" tubing. Set Howco HM tools @ 4213. Perf. 32/4234-42, 4 holes/ft. w/Valex Tubing gun. Swabbed hole to bottom. Swabbed 1.68 BOPH for 3 hours. Treated w/250 gals. MCA mud acid. Max pressure 2150#, broke to 1000#, finished on 1000#. Pressure drop: to 250# in 1", to 150# in 1 hour. Swabbed load back. Well started flowing. Flowed an average of 16.6 BOPH for 9 hours. Treated with 7000 gallons Vis-o-Frac and 7000# sand. Max Pressure 2550#, broke to 2000#, finished on 2000#. Pressure drop to 600# when pump shut down, to 150# in 30", to 0# in 1 hour. Swabbed and flowed load back.

Flow test averaged 42 BOPH @r 10 1/2 hours.

ADDITIONAL INFORMATION & RECOMMENDATIONS

