

STATE OF KANSAS
STATE CORPORATION COMMISSION

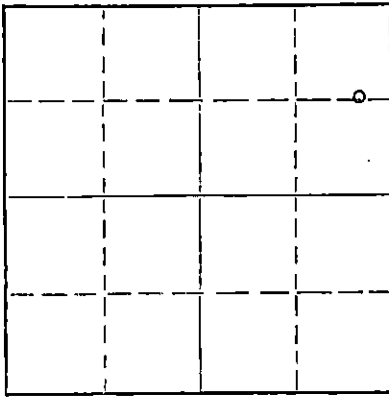
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD

Pawnee County, Sec. 9 Twp. 23 Rge. (E) 17 (W)

Location as "NE/CNW/SW" or footage from lines C E/2 E/2 NE/4
Lease Owner Colorado Oil Company
Lease Name Hutchinson "D" Well No. 11
Office Address 915 Union Natl. Bldg., Wichita, Kansas 67202
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed January 13 1956
Application for plugging filed April 27 1970
Application for plugging approved April 28 1970
Plugging commenced May 11 1970
Plugging completed June 22 1970
Reason for abandonment of well or producing formation Depleted

NORTH



Locate well correctly on above
Section Flat

If a producing well is abandoned, date of last production February 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 4212 Bottom Total Depth of Well 4325 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"	246'	None
				5-1/2"	4324'	3121'

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.

Pushed plug to 3800', sanded to 3740', ran 5 sacks of cement.
Loaded hole with water, shot pipe at 3347', 3225', 3113',
pulled 3 joints, slip fell down s.p. pulled pipe into. Ran
overshot in hole, ran milling tool and 3 joints 5-1/2" casing.
Milled out collar, pulled tools and ranspear, latched onto
5-1/2" casing and pulled 99 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

(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

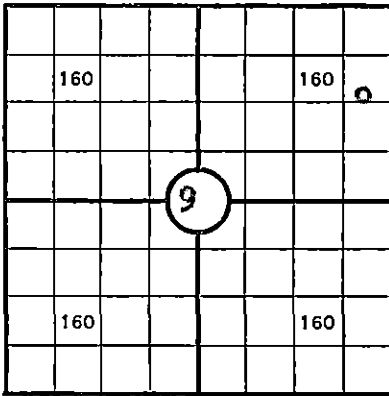
My commission expires Feb. 19, 1973

Betty J. McElwain
Notary Public.

THE DERBY OIL COMPANY
WELL RECORD
PRODUCTION DEPARTMENT

15-145-00852-0000

640 Acres
N



LEASE MITCHINEON "D" WELL NO. 11
 RECORD COMPILED May 23 19 56 BY Bill K. Henrichs
 LOCATION C E/2 E/2 NE/4 ACRES 320
1320 FT. FROM North LINE 330 FT. FROM East LINE OF
 SEC. 9 TWP. 23 RGE. 17W COUNTY Pawnee STATE Kansas
 STAKED BY Claude McCleary DATE December 17 19 55
 ELEVATION: GND. 2096' D. F. 2098' K. B. 2100'
 ALL MEASUREMENTS ARE FROM Kelly Bushing WHICH IS
6.50 FT. ABOVE BRADEN HEAD.

POOL: Garfield

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	12-18-55	12-31-55	0	4325'	Monaler Drlg. Co.
CABLE	1-2-56	1-13-56	4325'	4293'	Peters Drlg. Co.

PRODUCTION DATA

DATE	OIL	WATER	TYPE OF TEST	REMARKS
2-9-56	77	-0-	State Phys. Productivity	14 SPM X 54" - 24 hrs.

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CONSERVATION DIVISION
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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.	247'	8-5/8"	24#	8rd	New, J-55, ss	246'	175	Portland	Surface	300# cc
7-7/8"	4325'	5-1/2"	15.5#	8rd	New, J-55, ss	4324'	175	Portland	3350	2% Gel.

SCRATCHERS

CENTRALIZERS

FLOAT EQUIPMENT

FROM	TO	NO.	DEPTH	NO.	
			4070	1	Shoe Joint 30.85'
			4177	1	Float @ 4293'
			4314	1	

WELL LOG - (CONTINUED)

FORMATION	FROM	TO	NO. OF FEET	FORMATION	FROM	TO	NO. OF FEET
Sand & Gravel	0	60	60				
Clay & Shale	60	185	125				
Blue Shale	185	247	62				
Shale & Red Bed	247	600	353				
Sand	600	700	100				
Sandy Red Bed	700	960	260				
Red Bed & Shale	960	1130	170				
Anhydrite	1130	1160	30				
Shale & Shells	1160	1900	740				
Shale & Lime (Broken)	1900	2075	175				
Lime & Shale	2075	2370	295				
Lime	2370	2500	130				
Lime & Shale	2500	3160	660				
Shale & Lime	3160	3300	140				
Lime & Shale	3300	3535	235				
Shale & Lime	3535	3646	111				
Lime & Shale	3646	4234	588				
Chert & Shale	4234	4325	91				
R.T.D.	4325						

GEOLOGICAL DATA

FORMATION	TOP	SUB-SEA DATUM	REMARKS (OIL OR GAS SHOWS)
Heebner	3655	-1555	4212-20 Gd. str.
Brown Lime			4256-60 Gd. str.
Lansing	3772	-1672	4268-72 Gd. str.
Congl. Shale	4182	-2082	4280-86 Gd. str.
Congl. Chert	4212	-2112	4300-04 Gd. str. (C.E.F.)
Viola	4306	-2206	
R.T.D.	4325	-2225	
C.T.F.D.	4293	-2193	

LEASE HUTCHINSON "D"

DRILL STEM TESTS

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

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SURVEYS (LOGS)

TYPE	COMPANY	DATE
Gamma Ray-Neutron	Halliburton	12-30-55

COMPLETION RECORD

C.O. to float collar @ 4293'. Perf. 24/4266-70. Bailer test 1-1/2 hr. -lgt. mud, no oil, Perf. 42/4255-62. No show. Treated w/500 mud acid. Max. press 1750#, broke to 1100#. 1 hr. PD to 500#. Bled off press. Lacked 18 bbls. of recovering load. Frac. w/5000 gal. gelled oil / 4000# sand. Pumped into formation w/20 bbls. crude @ 2800#. Started frac oil. Pressure went to 3100#, built up to 4200#. Started flush. Press. went to 5300#. Opened tool & flushed oil & sand out of tbg. Pulled tbg, found 40' sand in hole. C.O. to 4293'. Lacked 75 bbls. of recovering load. Well not making any fluid. Perf. 12/4242-44, 24/ 4246-50. Ran tbg. w/EM tool set @ 4220'. Treated w/1000 mud acid. Max. press 2850#, min. press 1750#, finished on 1950#. PD to 150#/1 hr. Lacked 16.5 bbls. of rec. load. Swbd. @ rate of 1-1/2 BPH last 4 hrs. Fraced w/4000 gal. gelled oil / 2000# sand. Max. press. 4300#, finished on 3950#. PD to 450#/2 hrs. Lacked 97 bbls. of recovering load. LW Bridge Plug set @ 4237'. Perf. 12/4232-34. Blow of gas/5". 1-1/2 hr. bailer test avgd. 10 GOFB. Perf 36/4213-19. Gas increased. 2 hr. swab test avgd. 1.67 BOPB. Ran tbg. w/EM tool set @ 4200'. Treated w/500 mud acid. Max. press 1500#. No break. On vacuum/30". Rec. load. 9 hr. swab test avgd. 2.55 BOPB. Fraced w/3500 gal. gelled oil / 3500# sand. Max. press. 4200#, finished on 4200#. PD to 0#/1-1/2 hrs. Pulled tbg. Cleaned 22' of sand out of hole. C.O. to 4237'. Swbd. load back. Swbd. 3 BOPB/4 hrs. P.O.P. State Physical Productivity: 2-9-56. 77 BOPB, no wtr. 14 BPM X 54" - 24 hrs.

WELL RECORD - (CONTINUED)

ACIDIZING RECORD

DATE	1-4-56	1-4-56	1-6-56	1-7-56	1-9-56
QUANTITY (GALS.)	500 mud acid	5000 gal. gelled oil / 3000# sand	1000 mud acid	4000 gal. gelled oil / 2000# sand	500 MCA
MAX. TUB. PR.	1750#	4200#	2850#	4300#	1500#
MAX. CAS'G PR.					
BLANKET					
HOURS					
METHOD		Sand screened out.			
OIL BEFORE	None	None	None	None	1.67 BPH
OIL AFTER	Did not rec load	Did not rec.	Did not rec.	Did not rec. load	2.55 BPH
WATER BEFORE	None	None	None	None	None
WATER AFTER	None	None	None	None	None
DONE BY	Howco	Howco	Howco	Howco	Howco

DEFLECTION			PLUGGING RECORD	
DEPTH	ANGLE	V. CORR.	START	FINISH
245'	1/4°		GIVE RECORD OF PLUGS DRIVEN, CEMENT, ROCK, ETC., MUD AND HOW PLACED, AND ALL PIPE LEFT IN HOLE.	
500'	1/4°			
1000'	1/2°			
1500'	1/2°			
2000'	1/2°			
2500'	1/2°			
3000'	3/4°			
3500'	1/2°			
4000'	1/2°			

ADDITIONAL INFORMATION & RECOMMENDATIONS

Acidizing Record Cont.

Date: 1-10-56
 Quantity: 3500 gal. gelled oil / 3500# sand
 Max. Tbg. Pr.: 4200#
 Oil Before: 2.55 BPH
 Oil After : 3 BPH
 No wtr.
 Done by: Howco