

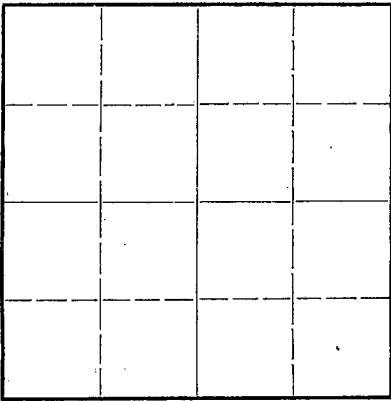
Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bitting Building  
Wichita, Kansas

OR

FORMATION PLUGGING RECORD

Strike out upper line  
when reporting plug-  
ging off formations.

NORTH



Locate well correctly on above  
Section Plat

Ellis County. Sec. 22 Twp. 11S Rge. (E) 20 (W)  
Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines. NE NW NW  
Lease Owner. Darby & Bothwell, Inc.  
Lease Name. Cromb Well No. 1  
Office Address. 2003 Philtower, Tulsa, 3, Oklahoma.  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed. Sept. 11, 1945. 19.  
Application for plugging filed. May 11, 1946. 19.  
Application for plugging approved. May 13, 1946. 19.  
Plugging commenced. May 20, 1946. 19.  
Plugging completed. May 23, 1946. 19.  
Reason for abandonment of well or producing formation. Ceased producing.

If a producing well is abandoned, date of last production. April 30, 1946.  
Was permission obtained from the Conservation Division or its agents before plugging was com-  
menced? Yes.

Name of Conservation Agent who supervised plugging of this well. H. W. Kerr, Great Bend, Kansas.  
Producing formation. Kansas City-Lansing Depth to top. 3374 Bottom. 3590 Total Depth of Well. 3710 Feet  
Show depth and thickness of all water, oil and gas formations.

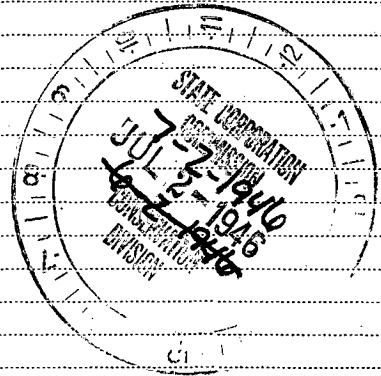
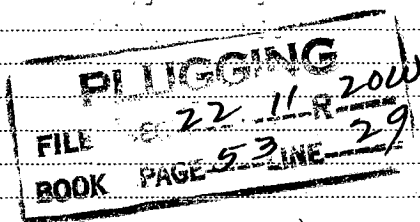
OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Kansas City-Lansing	Oil and Water	3374	3590	13 1/4"	116'	None
Arbuckle	Heavy Oil	3682	3710	8 5/8"	1280'	None
				5 1/2"	3703'	2891'

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 hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Set 4 sacks of cement at 3456, shot off pipe, filled hole with mud to 3350, dumped 15 sacks cement, mudded to 30', dumper 10 sacks of cement to surface.



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

Correspondence regarding this well should be addressed to. Darby & Bothwell, Inc.,  
Address. 2003 Philtower Bldg.,  
Tulsa, 3, Oklahoma.

STATE OF Oklahoma, COUNTY OF Tulsa, ss.

W. H. Barclay, (employee of owner) 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. H. Barclay  
2003 Philtower Bldg., Tulsa, 3, Oklahoma.  
(Address)

SUBSCRIBED AND SWORN to before me this 1st day of July, 1946.  
J. E. Wailes  
Notary Public.

My commission expires March 1950.

FORMATION RECORD

	<u>FROM</u>	<u>TO</u>
Surface	0	65
Shale & shells	65	116
Shale	116	250
Shale & shells	250	525
Sand	525	555
Shale & shells	555	600
Sand & shale	600	755
Lime & shale	755	910
Sand	910	1240
Sand & shale	1240	1265
Shale & shells	1265	1488
Anhydrite Lime	1488	1535
Lime & shale	1535	1600
Shale & shells	1600	2095
Lime broken	2095	2175
Lime	2175	2230
Lime Broken	2230	2325
Lime	2325	2345
Lime broken	2345	2430
Lime	2430	2640
Lime & shale	2640	2720
Lime	2720	2850
Shale & shells	2850	2935
Lime	2935	3030
Shale & shells	3030	3088
Lime	3088	3110
Lime broken	3110	3165
Lime	3165	3265
Lime & shale	3265	3320
Lime	3320	3405
SLM correction	3405	3417
Lime	3417	3705
Lime & sand	3705	3710 TD.

Plugged back and set Lane Wells plug at 3505'.  
 Plugged back and set Lane Wells plug at 3460'.

12-1-1942  
 11-1-1942

12-21-1942

15-051-01387-00-00

WELL LOG CROMB NO. 1

Darby & Bothwell - Lease Owners	Sec. 22, Twp. 11, Range 20W
Donald T. Ingling - Contractor	Location: NE NW NW
Total Depth: 3685' (Rotary)	County: Ellis ( Kansas)
Commenced: June 27, 1945	Elevation: 2097'
Completed: July 21, 1945 (Rotary)	
Casing: 116' of 13-1/4"	Production:
1280' of 8-5/8"	
3682' of 5-1/2"	

Figures below indicate bottom of formation:

20 Surface	2045 Shale & Shells
116 Shale & Shells	2640 Lime
250 Shale	2720 Lime & Shale
525 Shale & Shells	2850 Lime
555 Sand	2935 Shale & Shells
600 Shale & L. Shells	3030 Lime
755 Sand & Shale	3100 Shale & Lime
910 Lime & Shale	3669 Lime
1240 Sand	3680 Simpson Sand
1265 Sand & Shale	3685 Arbuckle Lime
1415 Shale & Lime	<u>3685 TOTAL DEPTH</u>
1488 Shale & Shells	
1535 Anhydrite	
1600 Lime & Shale	

I hereby certify that this is a true and correct log of the above mentioned well.

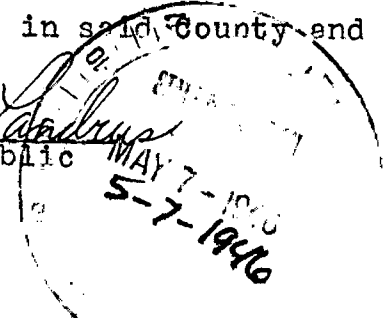
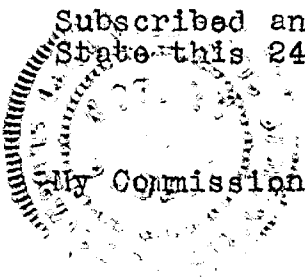
DONALD T. INGLING

STATE OF KANSAS )  
 ) SS.  
 SEDGWICK COUNTY)

Subscribed and sworn to before me, a Notary Public in said County and State this 24th Day of July, 1945.

My Commission expires: 4/10/48

Notary Public



22 11 20W  
53 29

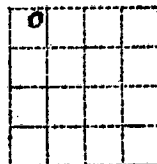
15-051-01387-00-00  
 WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
 412 Union National Bk. Bldg., Wichita, Kansas

Company - DARBY & BOWELL  
 Farm - Cromb No. 1.

SEC. 22 T. 11 R. 20 W  
 NE NW NW

Total Depth. 3710 PB 3505  
 Comm. 6-27-45 Comp. 7-21-45  
 Shot or Treated.  
 Contractor. Donald T. Ingling  
 Issued. 9-22-45

County. Ellis  
 KANSAS



CASING:  
 13 1/4" 116'  
 8 5/8" 1280'  
 5 1/2" 3682' = 3684 Ctd.

Elevation. 2097  
 Production. Pot. 190 B & some Water

Figures Indicate Bottom of Formations.

surface 20  
 shale & shells 116  
 shale 250  
 shale & shells 525  
 sand 555  
 shale & L. shells 600  
 sand & shale 755  
 lime & shale 910  
 sand 1240  
 sand & shale 1265  
 shale & lime 1415  
 shale & shells 1488  
 anhydrite 1535  
 lime & shale 1600  
 shale & shells 2045  
 lime 2640  
 lime & shale 2720  
 lime 2850  
 shale & shells 2935  
 lime 3030  
 shale & lime 3100  
 lime 3669  
 Simpson sand 3680  
 Arbuckle lime 3685  
 3685 = 3687 Ctd RTD  
 Arbuckle lime 3710  
 Total Depth PB 3505

Perf. 29 shots 3548-55  
 no show oil, some wtr  
 Perf. 10 shots 3467-71  
 150' OIH 30 mins.  
 Perf. 19 shots 3466-69 1/2  
 400' FIH 1 hr.  
 930' FIH 1 1/2 hrs.  
 380' FIH 3 hrs.  
 500' FIH 7 hrs.  
 1000' OIH & 220' WIH  
 14 hrs.

Set Lane Wells plug @  
 3505' Swbd down, trace  
 of wtr. TFU 1370' FIH,  
 of which 200' wtr.  
 Treated 1000 gals acid.  
 Swbd down; refilled 670'  
 oil one hr. 3100' oil  
 overnight; TFU 3250'  
 fluid.

RECOMPLETION of CROMB #1

Lane Wells Plug set at 3460'  
 Perf 12 shots 3449-53 no fluid  
 " 12 " 3453-56 Show oil & muddy water

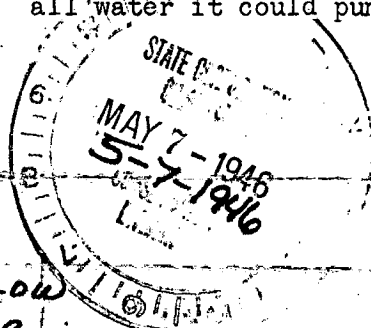
700' F.I.H. 1 hr  
 990' FIH in 2 hrs 200' Oil

Swabbed down and refilled 1000' in 1 hr,  
 2000' FIH in 7 hrs. Swabbed 65 Bbls fluid  
 in 4 hrs, 50% water.

3/30/46 Pumped 20 BO & 75 BW per day  
 decreased to about 5 bbls oil and  
 all water it could pump per day.

Tops:  
 Stone Corral Anhydrite 1488  
 Topeka lime 3110  
 Lansing-Kans. City lime 3374 Ctd. Meas.  
 Base Kans City lime 3590  
 Marmaton lime 3634-3648  
 Simpson shale 3669  
 Arbuckle dolomite 3680=3682 Ctd.  
 Rotary T. D. 3685=3687 Ctd.

ptly sat. ooc. lime 3374-78  
 spotted sat. & proosity 3410-14  
 lt. to well-sat. porous lime 3454-57  
 fair spotted sat. & por. 3465-69 (PAY)  
 lt. to well-sat. porous lime,  
 partly non-sat. 3548-3554  
 Good sat. & por. 3682-3685  
 (3684-3678 Ctd.)



Drilled cem. Cemented to OTD. Rain-  
 bow show at 3687 ctd.  
 D.D. 3699, No inc. Perf. 48 shots  
 3682-87, 500 gal acid. Swbd down  
 load & swbd hourly 50' of fluid,  
 mostly very thick blk oil (sp. gr.  
 20 gravity), for 8 hrs.  
 D.D. @ 3706-10 T.D. 600' sulphur  
 wtr in one hr, 2700' WIH, TFU.  
 Plugged w/cem & calseal to 3620