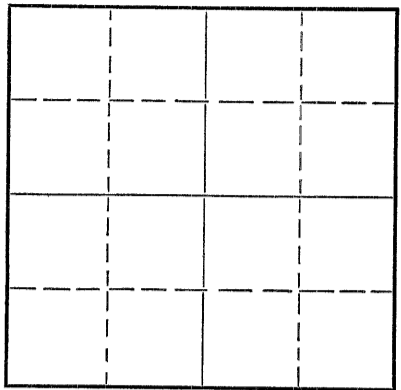


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above Section Plat

Rooks County. Sec. 11 Twp. 9S Rge. (E) 19 (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines 1650' from North & 2310'
Lease Owner Continental Oil Co. West lines
Lease Name P. F. Hederhorst Well No. 5
Office Address Drawer 1267, Ponca City, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry
Date well completed 4-11-50 19
Application for plugging filed 8-13-52 19
Application for plugging approved 8-18-52 19
Plugging commenced 8-29-52 19
Plugging completed 8-29-52 19
Reason for abandonment of well or producing formation Dry

If a producing well is abandoned, date of last production 19
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 Eldon Petty, Hays, Kansas
Producing formation Arbuckle Depth to top 3465 Bottom 3487 Total Depth of Well 3487 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
Arbuckle	Dry	3465	3487	6	3488' 7"	2706'

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.

Filled hole with heavy mud to 210'; set 10' rock bridge and dumped 20 sacks cement; filled hole with heavy mud to 35'; set rock bridge and capped with 10 sacks cement.

RECEIVED
STATE OF KANSAS
9/26/52

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

Name of Plugging Contractor West Supply Co.
Address Box 506
Chase, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
J. B. Steele, Jr. (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.

FLD-JMW
State Corp. Comm. ✓
TCD
File
(Signature) J. B. Steele, Jr.
Box 481, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 24th day of September, 1952.

My commission expires Aug. 25, 1956
A. C. [Signature]
Notary Public.

PLUGGING
FILE SEC 11 T 9 R 127
BOOK PAGE 32 LINE 4

WELL LOG

P. F. Hederhorst No. 5
 Located in Section 11,
 Township 9 South, Range
 19 West, Rooks County.

FORMATION	FROM	TO
Surface soil & shale	0	218
Shale	218	300
Shale & sand	300	930
Sand	930	1155
Shale	1155	1158
Shale	1158	1433
Anhydrite	1433	1470
Shale	1470	1530
Shale & shells	1530	1790
Shale	1790	1870
Broken lime	1870	2104
Lime	2104	2288
Lime & shale	2288	2610
Broken lime	2610	2852
Lime & shale	2852	2936
Broken lime	2936	2993
Lime & shale	2993	3088
Lime	3088	3171
Lime	3171	3473
Green shale	3473	3474
Green shale & lime	3474	3476
Lime	3476	3487
Total Depth	3487	

PLUGGING

FILE SEC 11 T 9 R 19 W
 BOOK PAGE 38 LINE 4

CONSERVATION DIVISION
 Winona, Kansas

NEW WELL COMPLETION AND/OR ABANDONMENT RECORD

A. F. E. NO.

1 Dist. West Kansas Field Barry Lease P. F. Hedemorst Well No. 9
 2 Co. Rooks State Kansas Contractor West Supply Co. T.D. 3487 P.D. _____ ft.
 3 Landing Flange Elev. + 2030 ft. Depth Measured From DT; Height of Measuring Point from Landing Flange _____ ft.
 4 Date: 8-28-52 Completed 8-29-52 Rig Released _____

CASING, LINER AND TUBING RECORD

5	SIZE O. D. IN.	WT. LB./FT.	THREADS NO. & TYPE	GRADE AND MAKE	NEW OR S. H.	E. L. L. W. SMLS.	DEPTH SET FT.	MEASUREMENTS INC. THREADS			TOP OF LINER	NO. OF JOINTS	HOLE SIZE
								QUANTITY SET	QUANTITY PULLED	QUANTITY LEFT IN HOLE			
6	10 3/4	32.75	SRT	H-40		gls	210	206'5"	None	206'5"	7	1 1/2	
7	6	18	SRT	J-55		gls	3466	3488'7"	2706'	782'7"	86	pulled	

CEMENTING RECORD

14	METHOD	MAKE AND TYPE CEMENT	SACKS USED	SQUEEZED AWAY	NO. OF BATCHES	FINAL PRESSURE	SLURRY WT. LB./GAL.	HOURS SET	DEPTH		REMARKS: TEMP. CALIPER. OTHER LOGS
									FROM	TO	
15	Dump	Portland	20		1					200'	plugging
16	Dump	Portland	10		1					0'	

ACIDIZATION AND SHOT RECORD

19	DATE	PRODUCTION OR P. I.		HOW TEST MADE	GAL. ACID	SHOT QTS.	DEPTH		NAME OF ZONE	TYPE FORMATION	REMARKS
		BEFORE	AFTER				FROM	TO			
20											

SECTION PERFORATED

23	NAME OF PAY	DEPTH		SIZE OF HOLE	HOLES PER FOOT	DATE	SERVICE CO. OR TYPE SLOTS	REMARKS
		FROM	TO					
24								

PRODUCING EQUIPMENT

29 RODS: Number _____ Size _____ in., Number _____ Size _____ in., Total Singles _____ Length _____ ft.
 30 PUMP: Size _____ Plunger Diam. _____ Make _____ Type _____
 31 PUMPING UNIT: Make _____ Type _____ Stroke _____ in. @ _____ SPM; Beam Capacity _____ lb.
 32 Torque @ 20 SPM _____ in. lbs.; Gear Box _____ H.P., Prime Mover Make _____
 33 H.P. @ _____ RPM. Other Remarks _____
 34 GAS ANCHOR _____
 35 OTHER LIFT EQUIPMENT _____
 36 _____
 37 PACKER: Set at _____ ft. Make _____ { ALSO SEE SKETCH }
 { ON REVERSE SIDE }

PRODUCING STRATA

38	NAME	TOP	BASE	POROSITY %	PERM. MD.	NET THICKNESS FT.	REMARKS: STATE CONTENTS OF ALL PRODUCING STRATA, O. G. & W. GIVING FLUID CONTACTS, D. S. T., ETC.
39	Arbuckle	3465	3487				Dry

43 REMARKS: Moved in and rigged up. Put tension on pipe. Could not move slips from
braden head. Tore down and out off surface. Shot casing at 2700' to 2800'.
Pumped in 105 bbls. oil to loosen pipe. Put tension on pipe and displaced oil
with 75 bbls. water. Could not loosen. Shot pipe at 2525'. Pulled 45 joints.
Filled hole with heavy mud to 210'; set rock bridge (10') and dumped 20 sacks
cement; filled hole with heavy mud to 15'; set rock bridge and capped with
10 sacks cement.

51 Material left in hole cleared on NT 4489A

54 Location: 1650' from North and 2340' from West lines of Sec 11, T9N, R19W,
Rooks County, Kansas.

56 Estimate Total Cost \$ 821.20 Conoco Interest 100 % Operated by Continental Oil Co.
 57 Potential _____ b/d/Mcf/d @ _____ #TP and #CP on _____ Hr. Test Meas. Est. Allowable _____ b/d
 58 Other Production or Well Test Results _____

60 Signed J. C. Davis District Superintendent
 61 Signed E. C. Wilbur Division Superintendent
 62 Signed _____ Region Manager
 63 Signed _____ District Engineer
 64 Prepared by J. M. White Date September 3, 1952
 RECEIVED
 CONSERVATION DIVISION
 Wichita, Kansas
 DISTRIBUTED TO
 Mgr. P. & D. NEW Acct'g ML
 Region TOD District FLD
 Others State Corp. Conn.