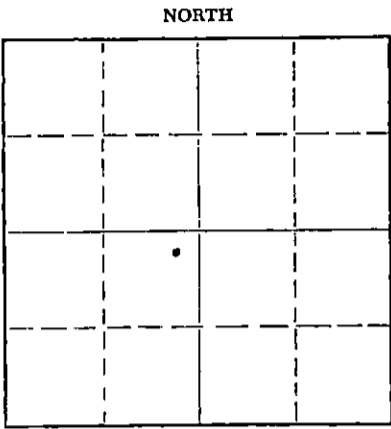


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD

15-009-15081-0001



Locate well correctly on above Section Plat

Barton County. Sec. 31 Twp. 16 Rge. (E) 11(W)
Location as "NE/CNW/SE/SW" or footage from lines NE NE SW
Lease Owner Harms Petroleum Company
Lease Name Zorn Well No. 1
Office Address Box 488, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) oil
Date well completed _____ 19____
Application for plugging filed March 26 19 68
Application for plugging approved _____ 19____
Plugging commenced April 29 19 68
Plugging completed May 4 19 68
Reason for abandonment of well or producing formation depleted

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 Donald Truan
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3363 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
		0	265'	10 3/4"	265'	none
		0	3360'	5 1/2"	3360'	1601.54

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.

Sand back to 3070' and dumped 5 sacks cement.
Squeezed well with 25 sacks gel and 100 sacks cement.

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Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Pipe Pullers, Inc.
Address Box 486, Ellinwood, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
E. L. Schonhoff (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) E. L. Schonhoff
Ellinwood, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 10th day of May, 19 68
[Signature]
Notary Public.

My commission expires July 7, 1968

NATIONAL COOPERATIVE REFINERY ASSOCIATION
 FARM: F. D. Zorn #1
 NE NE SW 31-16-11W
 Barton County, Kansas

Total Depth: 3363'
 5 1/2" casing cemented w/110 sacks
 Drilled by N.C.R.A. Cable Tools

Elevation: 1899' DF
 On production March 11, 1949

N.C.R.A. had 100% working interest

Depth	Formation
0-10	Cellar
10-25	Post rock and shale
25-40	Blue shale
40-115	Shale
115-195	Shale
195-205	Sand
205-250	Shale
250-275	Sand
275-305	Shale
305-350	Shale
350-365	Sand
365-390	Sand
390-420	Sand
420-450	Shale
450-465	Shale
465-495	Shale
495-535	Red Rock
535-630	Shale
630-710	Red Rock
710-735	Red Rock
735-739	Anhydrite
739-750	Anhydrite
750-765	Lime
765-840	Red Rock
840-930	Red Rock
930-955	Red Rock
955-995	Blue Shale
995-1020	Shale
1020-1045	Red Rock
1045-1070	Shale
1070-1115	Red Rock
1115-1160	Shale
1160-1175	Salt
1175-1220	Salt
1220-1280	Salt
1280-1340	Salt
1340-1400	Salt
1400-1420	Salt
1420-1455	Shale and shells
1455-1500	Shells and shale
1500-1560	Shale and shells
1560-1570	Shale
1570-1800	Lime
1600-1610	Shale
1610-1670	Broken lime
1670-1725	Shale and shells
1725-1790	Lime
1790-1855	Lime
1855-1910	Lime
1910-1955	Lime
1955-2000	Lime
2000-2040	Lime
2040-2053	Lime
2053-2063	Red Rock

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<u>Depth</u>	<u>Formation</u>
2063-2090	Lime
2090-2094	Lime
2094-2097	Lime
2097-2100	Lime
2100-2105	Lime
2105-2135	Shale and shells
2135-2140	Lime
2140-2145	Red Rock
2145-2165	Lime
2165-2200	Lime
2200-2210	Lime
2210-2240	Shale and shells
2240-2280	Shale and shells
2280-2300	Shale and shells
2300-2310	Shale and shells
2310-2335	Shale and shells
2335-2345	Shale and shells
2345-2360	Lime
2360-2370	Shale
2370-2400	Shale and shells
2400-2410	Shale
2410-2420	Shale
2420-2435	Lime
2435-2440	Shale
2440-2455	Shale
2455-2475	Shale
2475-2490	Shale
2490-2510	Lime
2510-2525	Shale and shells
2525-2540	Shale and shells
2540-2575	Shale
2575-2625	Shale
2625-2650	Shale and shells
2650-2665	Shale and shells
2665-2680	Lime
2680-2695	Lime
2695-2700	Shale
2700-2715	Lime
2715-2750	Lime
2750-2785	Lime
2785-2815	Lime
2815-2825	Shale
2825-2860	Lime
2860-2865	Lime
2865-2870	Shale
2870-2890	Lime
2890-2915	Lime
2915-2935	Lime
2935-2965	Lime
2965-2968	Black shale
2968-2975	Lime
2975-2982	Shale
2982-2995	Lime
2995-3000	Red Rock
3000-3055	Shale
3055-3060	Shale
3060-3067	Brown Lime
3067-3076	Shale
3076-3090	White lime
3090-3115	Lime
3115-3145	Lime
3145-3155	Shale
3155-3180	Lime
3180-3210	Lime
3210-3218	Shale
3218-3230	Lime
3230-3245	Lime
3245-3260	Lime

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<u>Depth</u>	<u>Formation</u>
3260-3275	Lime
3275-3280	Shale
3280-3285	Shale
3285-3300	Lime
3300-3307	Lime
3307-3313	Shale
3313-3324	Lime
3324-3329	Shale
3330-3333	Sandy lime
3333-3340	Sandy lime
3340-3357	Conglomerate
3357-3363	Sand
Total Depth	3363

Water Record

HW	285
6 Bailers	540
4 "	625
1 "	1775
1 "	1805-1815
1 "	3185-90

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