

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Bldg.
Wichita, Kansas 67202

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Reno SEC. 12 TWP. 22S RGE. 5 W
Location as in quarters or footage from lines:
C SW NE

Locate Well
correctly on above
Section Plat.

Lease Owner Evan Jantz
 Lease Name Bontrager Well No. 1
 Office Address 6420 North Monroe, Hutchinson, Kansas 67501
 Character of Well (Completed as Oil, Gas or Dry Hole): Dry Hole
 Date Well Completed 9-9-83
 Application for plugging filed 9-8-83
 Plugging commenced 1:45 AM 9-9-83
 Plugging completed 3:15 AM 9-9-83
 Reason for abandonment of well or producing formation Dry Hole

Was permission obtained from the Conservation Division or its Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Steve VanGieson

Producing formation _____ Depth to top _____ bottom T.D. 4064'

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"	267'	None
				13 3/8"	89'	None

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,
 30 sacks 60/40 Pozmix, 2% gel at 700'; 30 sacks
 at 300'; 20 sacks, 1/2 sack hulls and plug at
 60'; 10 sacks in rathole, 10 sacks in mousthole.

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

Name of Plugging Contractor Sterling Drilling Company, P. O. Box 129, Sterling, Kansas 67576

STATE OF KANSAS COUNTY OF RICE, ss.

F. A. Wuellner (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.

STERLING DRILLING COMPANY

(Signature) [Signature]
F. A. Wuellner, Secretary
P. O. Box 129, Sterling, Kansas
 (Address) 67576

SUBSCRIBED AND SWORN TO before me this 12th day of September, 1983.



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 9-6-83

[Signature]
 Agnes D. Wurst, Notary Public.

My Commission expires _____

DEC 2 R 1983 12-28-83

CONSERVATION DIVISION
Wichita, Kansas

15-155-20953-0000

STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

WELL LOG ----- BONTRAGER #1

Located: C SW NE, Section 12-22S - 5W, Reno County, Kansas

OWNER: Evan Jantz

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: August 30, 1983

COMPLETED: September 9, 1983

TOTAL DEPTH: 4064'

<u>LOG</u>	<u>CASING RECORD</u>
0 - 92 Surface Soil and Sand	Ran 2 joints 13 3/8" OD casing. 48# casing. 76.10' pipe set at 89' K.B. Cemented with 80 sacks 60/40 Pozmix, 2% gel and 3% cc. Plug down at 7:30 PM, 8-30-83, by Howco.
92 - 265 Sand and Shale	Ran 8 joints 8 5/8" OD casing. 249.75' pipe set at 267' K.B. Cemented with 180 sacks 50/40 Pozmix, 2% gel and 3% cc. Plug down at 10:45 PM, 8-21-83, by Howco.
265 - 1230 Shale	
1230 - 4064 Lime and Shale	Plugged.

Deviation Surveys: 1/4° at 1214'
1 1/2° at 3945'

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WAYNE LEBSACK
PETROLEUM GEOLOGIST
603 SOUTH DOUGLAS

LYONS, KANSAS 67554

September 10, 1983

Evan Jantz
6420 North Monroe
Hutchinson, Kansas 67501

GEOLOGICAL REPORT
BONTRAGER NO. 1
SW-NE - Section 12-22S-5W
Reno County, Kansas

CONTRACTOR:	Sterling Drilling Company
DATE SPUDDED:	September 1, 1983
DATE COMPLETED:	September 8, 1983
TOTAL DEPTH:	4064 feet
SURFACE CASING:	8-5/8 inch at 262 feet
SAMPLES AND DRILLING TIME LOGGED:	2300 feet to Total Depth
ELEVATIONS:	1521 Ground Level; 1531 Kelly Bushing
MEASUREMENT ZERO:	Kelly Bushing
OTHER LOGS:	Davis Gas Detector; Welex Radiation - Guard and Compensated Neutron - Density Log.

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GEOLOGICAL FORMATION TOPS

FORAMTION	DRILLING TIME DEPTH	ELECTRIC LOG DEPTH	SUB-SEA DEPTH ELECTRIC LOG
Heebner	2491	2489	- 958
Brown	2679	2677	-1136
Lansing	2719	2716	-1185
Mississippi	3428	3390	-1859
	(mis-called)		
Kinderhook	3654	3651	-2120
Hunton	3777	3780	-2249
Maquoketa	3860	3870	-2339
Viola	3907	3914	-2383
Simpson Sand	3932	3936	-2405
Arbuckle Dolomite	4007	4009	-2478
T.D.	4064	4065	-2534

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INTERVALS OF INTEREST, ELECTRIC LOG DEPTH

DOUGLAS
2628' - 2650'

White fine grained micaceous sand, with no shows in samples. Average log porosity - 28%, and 100% water saturation.

LANSING
2750' - 2760'

White fine crystalline limestone with medium oolitic porosity and no shows. Average log porosity - 20%, water saturation - 44%.

2870' - 2900'

Samples described as above. Average log porosity - 16%, water saturation - 70%.

MISSISSIPPI
3477' - 3497'

Bone white chalky limestone with abundant white opesque fractured chert and no shows. Average log porosity - 28% and 60% water saturation.

HUNTON
3780' - 3790'

Tan fine crystalline dolomite with vugular porosity and no shows. Average log porosity - 22% and 97% water saturation.

UPPER SIMPSON
3936' - 3949'

Fine and medium grained quartz sand, with shale particles, with vugular porosity, some light oil staining and traces of free oil. Average log porosity 15% and water saturations 70%.

DRILL STEM TEST NO. 1
3914' - 3945'

Testing time intervals - 30 - 30 - 30 - 30. There was a weak blow which died in 5 minutes. The recovery was 8 feet of drilling mud. ICIP - 959; FCIP - 927; Flow pressure - 21/31; 31/38.

LOWER SIMPSON
3977' - 3982'

White fine and medium grained, clean quartz sand, with no shows. Average log porosity 8% and water saturations 100%.

ARBUCKLE
4014' - 4044'

White and tan, dense, fine and medium crystalline dolomite with vugular porosity and no shows. Average log porosity 10% and water saturation 72%.

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SUMMARY

STRUCTURAL COMPARISON

BONTRAGER NO.1 This well	KROEKER NO.1 NEc-12-22-5 Dry hole 1/2 mile North east	GOERTZEN NO.1 SWc-12-22-5 Dry hole 1/2 mile south west	UNRUH NO.1 NW NW SW 7-22-4 Dry hole 1/2 mile southeast. D.S.T. - Simpson Recovered 2000' oil cut water
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FORMATION

Lansing	-1185	-1152	-1202	-1167
Mississippi	-1859	-1842	-1880	-1858
Hunton	-2249	-2228	-2263	--
Viola	-2383	-2387	-2395	-2366
Simpson Sand	-2405	-2409	2414	-2385
Arbuckle	-2478	-2485	-2488	--

The only sample show in the well was in the Simpson Sand which was covered by drill stem test no. 1. The recovery was negative. The electric logs indicated several possible pay zones in the Lansing Limestone; however, none of these zones logged sample or gas detector shows. All other prospective pay zones were negative in teh samples, on the gas detector and electric logs; therefore, it was recommended that the well be abandoned as a dry hole.

SUBMITTED BY

Wayne Lebsack
WAYNE LEBSACK
PETROLEUM GEOLOGIST

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