

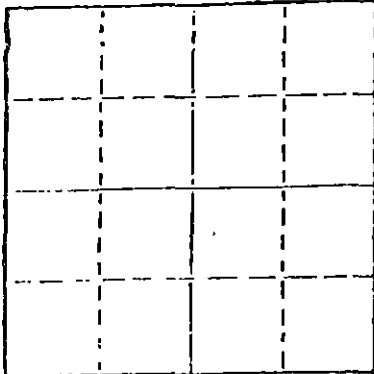
STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Stafford County. Sec. 27 Twp. 22 Rge. 12 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
SW NE SW

Lease Owner Bergman Oil Company
Lease Name Krankenberg #3 Well No. _____
Office Address Wichita, Kansas 67202
Character of Well (Completed as Oil, Gas or Dry Hole) _____



Locate well correctly on above
Section Plot

Date Well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced 5/9/78 _____ 19____
Plugging completed 5/12/78 _____ 19____
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 Owens RTD
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3648
Show depth and thickness of all water, oil and gas formations. T.D. 3701

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8-5/8	290	none
				4 1/2"	3646 1/2	2562'

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.

Sanded to 3600' and ran 4 sacks cement. Loaded hole, shot pipe at 2640', 2520', pulled 64
joints. Plugged well with 20 sacks gel, 5 sacks hulls and 125 sacks 50-50 pos.

PLUGGING COMPLETE.

RECEIVED
STATE CORPORATION COMMISSION

MAY 19 1978

5-19-78

(If additional description is necessary, use BACK of this sheet)
CONSERVATION DIVISION
Wichita, Kansas

Name of Plugging Contractor KESLO CASING PULLING
CHASE, KANSAS

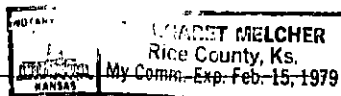
STATE OF KANSAS COUNTY OF RICE, ss.
R. DARRELL KELSO (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of
the facts, statements, and matters herein contained and the log of the above-described well
as filed and that the same are true and correct. So help me God.

(Signature) R. Darrell Kelso
CHASE, KANSAS (Address)

SUBSCRIBED AND SWORN TO before me this 18th day of May, 19 78

Margaret Melcher
Notary Public.

My commission expires _____



BERGMAN DRILLING, INC.

DRILLERS LOG

Re: Krankenberg # 3
SW NE SW Sec. 27-22S-12W
Stafford County, Kansas

OPERATOR: Bergman Oil Co. Etal
 CONTRACTOR: Bergman Drilling, Inc.
 COMMENCED: September 3, 1977
 COMPLETED: September 21, 1977
 TOTAL DEPTH: 3648' Set 290' 8 5/8" w/300 sx.


0	296	Sand & Clay	
296	618	Shale-Red Bed - Shale	
618	626	Anhydrite	
626	940	Iron Bed - Shale	
940	1500	Red Bed - Shale	
1500	1720	Shale - Lime	
1720	2005	Broken Lime = Shale - Lime	
2005	2185	Shale - streaks lime	
2185	2868	Shale - Lime	
2868	2960	Shale - Lime	
2960	2990	Lime	
2990	3090	Lime - Shale	
3090	3215	Lime - Shale	
3215	3320	Lime	
3320	3420	Lime	
3420	3556	Lime	
3556	3648	Lime	
3648		Total Depth	Set 4 1/2" w/ 3652' w/ 200 sx.

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STATE CORPORATION COMMISSION

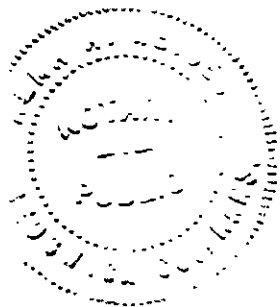
APR 27 1978

CONSERVATION DIVISION
Wichita, Kansas

We certify that the above and foregoing to be true and correct copy of the drillers log on the # 3 Krankenberg, located in Stafford County, Kansas as revealed by the records of Bergman Drilling, Inc.


Harold I. Bergman, Manager

Subscribed and sworn to before me this 28th day of September, 1977.





Alma A. Neises, Notary Public

My commission expires May 31, 1978