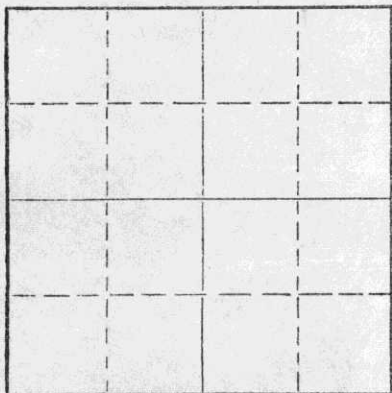


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above
Section Plat

Harper County. Sec. 4 Twp. 31 Rge. (E) 6 (W)
Location as "NE/CNW%SW%" or footage from lines C SW SE 1/4
Lease Owner Specter Pipe & Supply, Inc.
Lease Name Grace Freeman Well No. 1
Office Address Russell, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) oil
Date well completed 3-5-66 19
Application for plugging filed Nov. 14, 1970 19
Application for plugging approved Nov. 18, 1970 19
Plugging commenced 11/30/ 19 70
Plugging completed 12/31/ 19 70
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 G.R. Berstein
Producing formation Simpson Depth to top 4700 Bottom 4731 Total Depth of Well 4731 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
				8 5/8"OD	250 ft.	none
				5 1/2"OD	4731 ft.	3445 ft.

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.
Plugged back to 4330', dumped 5 sacks cement, mudded to 230', set rock bridge, filled with ready mix.

RECEIVED
STATE CORPORATION COMMISSION
12-16-70
DEC 16 1970
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Lynch Casing Pulling Co. #457
Address Great Bend, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.
Specter Pipe & Supply, Inc. (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) [Signature]
Russell, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 10th day of December, 1970

My commission expires May 21, 1971
Notary Public.

15-077-30088-0000

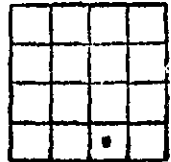
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company: SINCLAIR OIL & GAS CO.
Farm: Grace I. Freeman No. 1

SEC. 4 T. 31 R. 6W
C SW SE

Total Depth. 4731'
Comm. 2-19-66 Comp. 3-5-66
Shot or Treated.
Contractor. Leben Drig. Co., Inc.
Issued. 5-7-66

County Harper
KANSAS



Elevation. 1510' G.L.

Production. Flo 192 BOPD, tr wtr.

CASING:

8 5/8" 250' w/250 sx cem.
5 1/2" 4731' w/200 sx cam.

Figures Indicate Bottom of Formations.

sand	0-40
shale, red bed	90
red bed	251
red bed, shale	810
shale	1080
anhydrite	1090
shale, shells	1400
lime, shale	1875
shale	2230
shale, lime	3456
sand, shale	3571
lime, shale	3795
lime	4040
lime, shale	4302
chert, dolomite	4348
chert, lime	4415
Mississippi	4515
lime	4562
shale, lime	4677
sand	4700
Simpson sand	4731 RTD
Total Depth	

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Wichita, Kansas

TOPS: SCOUT	
Kansas City	3712
Mississippi	4298
Kinderhook	4577
Chattanooga	4672
Simpson	4700