

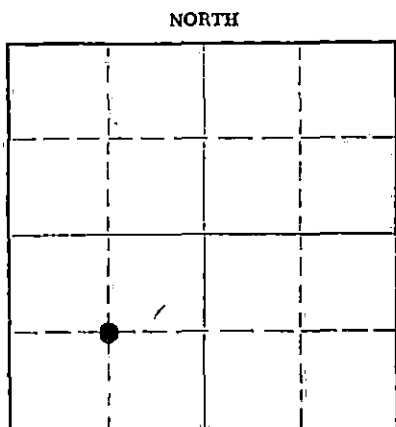
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

WELL PLUGGING RECORD

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

Kingman County. Sec. 15 Twp. 29 Rge. 9 W (E) (W)
Location as "NE/CNWxSWx" or footage from lines. 990 so & 990 West of ne corner
Lease Owner Mahoney Drlg. Co.
Lease Name Hageman Well No. 4
Office Address Box 1257
Character of Well (completed as Oil, Gas or Dry Hole) Oil Well
Date well completed 1 - 14 1955
Application for plugging filed 3 - 29 1967
Application for plugging approved 4 - 1 1967
Plugging commenced 4 - 4 1967
Plugging completed 4 - 7 1967
Reason for abandonment of well or producing formation Water



Locate well correctly on above
Section Plat

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 Archie Elving
Producing formation _____ Depth to top 4495 Bottom 4498 Total Depth of Well 4525 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	332	0
				5 1/2	4525	2068

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.

Mix 15 sacks cement to plug off perforations at 4495. Plug went to 2470 feet and shut off. Shoot pipe loose at 2068 and lay down same to 375 feet. Pump 10 sacks gell at 375 feet. Lay down 4 joints and pump 30 sacks cement at 250 feet. Lay down all casing. Mud to 35 feet and 10 sacks cement at 35 feet to 0 feet.

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STATE CORPORATION COMMISSION

APR 17 1967

CONSERVATION DIVISION
Wichita, Kansas

4-17-67

Name of Plugging Contractor Sargent's Casing Pulling Service
Address Box 506 Liberal Kansas

STATE OF Kansas COUNTY OF Seward ss.
T. W. Mahoney (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) T. W. Mahoney
Box 1257 Liberal, Kansas 67901
(Address)

SUBSCRIBED AND SWORN TO before me this 15 day of April, 1967

My commission expires January 24, 1968
George W. Carnahan, Jr. Notary Public.

WELL RECORD

Company Cities Service Oil Co. Well No. 4 Farm Hageran
 Location 990' South and 990' West of NE Cor. Sec. 15 T. 29 R. 9W
 Elevation 1702 (1700 Gr.) County Kingman State Kansas
 Drlg. Comm. December 23, 1954 Contractor Harbour Drilling Company
 Drlg. Comp. January 10, 1955 Acid 250 gals. 1-15-55
 T. D. 4525' Initial Prod. Physical Potential: 292 oil, 6 water, 2 1/2 hrs. (2-2-55)
 P. D. T. D. 4509'

CASING RECORD:

8-5/8" @ 392' cen. 225 ex cement
 5-1/2" @ 4525' cen. 150 ex cement

FORMATION RECORD:

clay & sand	0-65
sand	110
red bed	510
shale & shells	1345
anhydrite	1370
shale & lime	1700
lime & shale	2045
shale & shells	2585
shale & lime	2690
lime & shale	2990
shale & lime	3145
lime	3210
lime & shale	3360
shale, sand & lime	3480
sandy shale & lime	3496
sand & shale	3555
lime	4083
lime & shale	4133
lime	4164
lime & shale	4200
lime	4219
cherty lime	4285
lime	4312
shale	4319
shale & lime	4368
shale	4415
shale & lime	4457
shale	4485
shale & lime	4503
lime	4525

4525 BTD = 4525 SLM

Top Lansing	3554'
Top Mississippi	4199'
Top Kinderhook	4312'
Top Viola	4495'
Penetration	30'
Total Depth	4525'

Drilled cement to 4509 S. L. M.

Perf. 13 shots 4495-98.

90' oil in 1-1/2 hrs.

SYFO:	500'	20
	1000'	20
	1500'	10
	2000'	10
	2500'	00
	3000'	10
	3500'	10
	4000'	00

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MAR 31 1967

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Wichita, Kansas