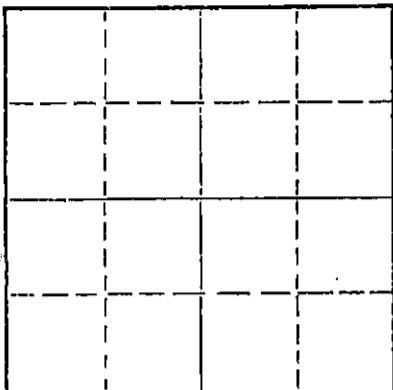


STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217
NORTH

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Kiowa County, Sec. 32 Twp. 29 Rge. 18 (E) (W)
Location as "NE/CNW*SW*" or footage from lines C of SE - SE
Lease Owner Misco Industries, Inc.
Lease Name Brown Well No. 21-3
Office Address Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced _____ 6-15-1972
Plugging completed _____ 6-26-1972

Reason for abandonment of well or producing formation _____
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. Biberstein
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4965 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	None
				5 1/2	4964	2497

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.

Push plug to 4500 ft.- sand back to 4450 ft.- dump 5 sax cement.
Pull 2497 ft. 5 1/2" pipe - plug @ 220 ft.- rock bridge to 210 ft.
Dump 3 yds ready mix cement to surface.

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JUL 19 1972

CONSERVATION DIVISION
Wichita, Kansas

7-19-1972

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

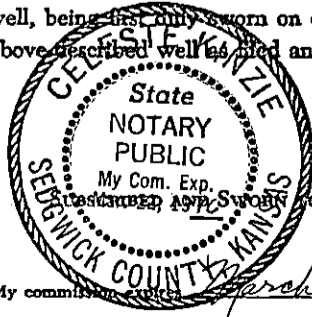
Name of Plugging Contractor Ralph Comstock Pipe Pulling, Inc. Permit # 490
Address Stafford, Kansas

STATE OF Kansas, COUNTY OF Setonwick, ss.
Thomas R. Spruel (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) Thomas R. Spruel

(Address)

Wichita, Kansas 1972



Subscribed and sworn to before me this 17th day of July, 1972

Celeste Kieper
Notary Public

My commission expires March 22, 1976

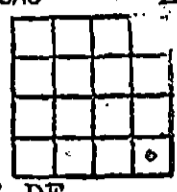
15-097-10159-0000
COP

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

Company. THE PURE OIL COMPANY
Farm. Brown "A" No. 3

SEC. 32 T. 29 R.18W
C SE SE
670' N of SL, 4564'
E of WL, 4686' S of NL &
County Kiowa 652' W of
KANSAS EL

Total Depth. 4965' 4962' PBTB
Comm. 2-17-59 Comp. 3-5-59
Shot or Treated.
Contractor. Powell Drilling Co.
Issued. 8-20-60



Elevation. 2204' DF

Production. 52 BOPD

CASING:

8 5/8" @ 332' w/250 sks. cem.
5 1/2" @ 4964' w/250 sks. cem.

Figures indicate Bottom of Formations.

shale	334
shale, red bed	440
red bed	530
Anhydrite & shale	560
shale	755
shale & red bed	1055
shale	1118
Conglomerate	1148
shale & shells	2090
lime & shale	2410
lime	2615
lime & shale	2764
lime	2823
lime & shale	2926
lime	3345
lime & shale	3485
lime	3893
lime, chalky	3939
lime	4152
shale	4295
limestone	4298
shale	4310
limestone	4620
shale	4630
limestone	4827
shale	4840
limestone	4902
shale	4907
chert	4918
shale	4934
chert	4965
Total Depth	

perforated 5 1/2" casing 4935-4960
with 99 shots, 4 shots/ft.

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MAY 23 1972
CONSERVATION DIVISION
Wichita, Kansas

<u>TOPS:</u>	<u>SCOUT</u>
Heebner	4092
Brown Limestone	4295
Lansing	4310
Marmaton	4730
Cherokee	4827
Mississippian	4906
Mississippi Chat	4923

Drill Stem Test
#1 4936-4965 (Miss. Chat)

P.B. & Perforate:
Set 5 1/2" casing @ 4964 wf 250 sks.
cement - Pumped cement plug to
4932- Drilled cement to 4962, total
depth plugged back - Lane-Wells