

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

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 3-27-63 01222
LEASE NAME Harbaugh
WELL NUMBER B #1

*Correction was 11W
Should be 12W*

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Farrar Pump & Supply Co. Inc.
ADDRESS P.O. Box 209 Medicine Lodge, KS 67104
PHONE # (316) 886-3763 OPERATORS LICENSE NO. 03399

SE-SW-NE Ft. from S Section Line
Ft. from E Section Line
SEC. 13 TWP. 33 SRGE. 11 (X) or (W)
COUNTY Barber
Date Well Completed _____
Plugging Commenced 2-12-88
Plugging Completed 6-28-88

Character of Well Gas
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC District Office prior to plugging this well? yes
Which KCC Office did you notify? Dodge City
Is ACO-1 filed? _____ If not, is well log attached? _____

Producing Formation Mississippi Depth to Top .4396' Bottom 4403' T.D. 4411'
Show depth and thickness of all water, oil and gas formations.

OIL, GAS RECORDS | CASING RECORD

Formation	Depth	From	To	Size	Put In	Pulled out
				8 5/8	225	0
				4 1/2	4467	3422

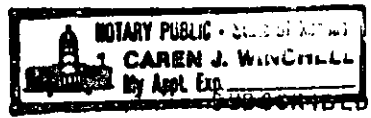
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AUG 11 1988
CONSERVATION DIVISION
Wichita, Kansas

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 plug were used, state the character of same and depth placed, from feet to feet each set
Sand from 4407' to 4346', dumped 4 sx cement w/ dump bailer, B J pumped,
4 sx hulls, 10 sx gel, 50 sx cement, 10 sx gel, 15 sx hulls, 125 sx cement,
60/40 PGM, 6% gel
Jacey, Piffner, & Morgenstern on location
(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Clarke Corp License No. 5105
Address P.O. Box 187 Medicine Lodge, Ks 67104
STATE OF Kansas COUNTY OF Barber, ss.

Elmo Morgenstern (Employee of Operator) or (Operator) of 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 that the same are true and correct, so help me God.

(Signature) Elmo Morgenstern
(Address) Medicine Lodge, Ks 67104



AND SWORN TO before me this 29 day of June 19 88
Caren J. Winchell
Notary Public
My Commission Expires: June 21, 1991

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

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER no number
3-27-63 01220

LEASE NAME Narbaugh

WELL NUMBER B

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

SE-SW-NE Ft. from S Section Line

Ft. from E Section Line

SEC. 13 TWP. 33 SRGE. 12 (X) of (W)

COUNTY Barber

LEASE OPERATOR Farrar Pump & Supply Co. Inc.

ADDRESS P.O. Box 209 Medicine Lodge, KS 67104

PHONE# (316) 886-3763 OPERATORS LICENSE NO. 03399

Character of Well Gas

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Date Well Completed _____

Plugging Commenced 2-12-88

Plugging Completed 6-28-88

Did you notify the KCC District Office prior to plugging this well? yes

Which KCC Office did you notify? Dodge City

Is ACO-1 filed? _____ If not, is well log attached? _____

Producing Formation Mississippi Depth to Top 4396' Bottom 4403' I.D. _____

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	225	0
				4 1/2	4467	3422

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Wichita, Kansas

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Name of Plugging Contractor Clarke Corp License No. 5105

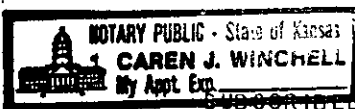
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(Signature) Elmo Morgenstern

(Address) Medicine Lodge, Ks 67104



SUBSCRIBED AND SWORN TO before me this 29 day of June, 1988

Caren J. Winchell
Notary Public

My Commission Expires: June 21, 1991

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

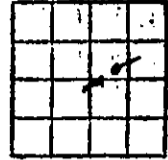
COPY

Company- SKELLY OIL COMPANY
Farm- Harbaugh "C" No. 2

SEC. 13 T. 33 R. 12
SE SW NE
330' frm SL, 990' frm WL, NE 1/4

Total Depth. 4830
Comm. 10-7-51 Comp. 11-1-51
Shot or Treated.
Contractor. Chas. Hulme Drlg Co.
Issued. 1-12-52

County Barber
KANSAS



Elevation. 1103 DF

Production. dry

CASING:

8 5/8" 575' cem w/350 sx.

Figures Indicate Bottom of Formations.

shale, shells 110
sand, shells, shale 445
shale, shells 575
red bed 690
shale, shells 1075
salt 1225
sand, lime 1625
lime 1910
lime, shale 2140
lime 2300
lime, shale 2460
lime sdy 2555
shale, shells 2710
lime sdy 2890
lime, shale 3060
lime 3160
lime, shale 3500
sand, shale 3615
shale sdy, lime 3665
sand, light gry, fine
grained w/spotted
stain 3671
sand fine to med
grained 3735
lime, white to buff,
fine xyl 3966
Good to spotted oil
saturation 3671-3735
Traces of pin hole
porosity from 3840-
448 and 3866-69.
lime 4010
shaley lime 4055
shale, lime sdy 4085
lime sdy 4135
lime 4155
lime sdy 4245
lime 4398
chert light gry glassy
4428
chert, gry, porous
w/fair oil & gas
stain 4435
chert, gry fairly
porous w/fair oil
stain 4470
chert 4490
shale, chalk 4505
lime 4530
shale, lime 4687
shale 4725
lime, chert 4735
lime, shale 4760
lime 4820
sand, coarse grained
porous w/ oil stn 4830 RTD
Total depth

Tops:
Tonganoxie sand 3662
Lansing lime 3741
Mississippi chat 4398
Kinderhook shale 4620
Misener 4731
Viola lime 4735
Simpson shale 4811
Simpson sand 4820

Ran Halliburton Drill Stem Tests:
Packer set at 3659', open 1 hr,
recovered 62' muddy water, BHP 1270#.
Packer set at 3646', open 1 hr,
recovered 2745' salt water, BHP 1525#?
Packer set at 4426, gas to surface
in 10 minutes, too small to gauge,
estimated 50 MCF, open 50 mins., rec.
200' of gas cut mud, BHP 1750#.
Packer set at 4435', gas to surf-
face in 50 minutes, too small to gauge,
open 1 hr, recovered 570' gas cut muddy
water, BHP 1355#.
Packer set at 4813', open 30 mins.,
recovered 175' muddy salt water, BHP
1780#.

Ran Schlumberger Survey
Red Zone 4552

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