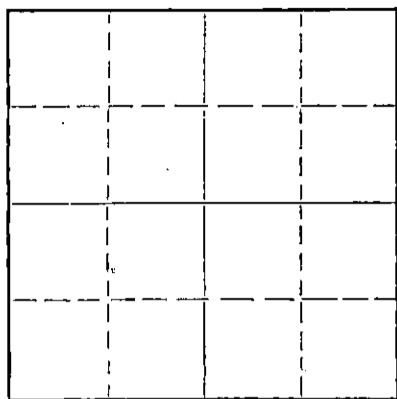


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

NORTH



Locate well correctly on above
Section Plat

Pratt County, Sec. 24 Twp. 26 Rge. 13 (E) W (W)
Location as "NE/CNW/SW" or footage from lines SW SW SE
Lease Owner McKnab Production Co., Inc.
Lease Name Keller #1 Well No. _____
Office Address Pratt, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil well
Date well completed 5-14-55 19____
Application for plugging filed _____ 19____
Application for plugging approved 2-17-60 19____
Plugging commenced 2-17-60 19____
Plugging completed 2-22-60 19____
Reason for abandonment of well or producing formation
No longer commercial
If a producing well is abandoned, date of last production April 1959
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 Fred Hampel
Producing formation Ussala Depth to top _____ Bottom _____ Total Depth of Well 4362 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"		none
				5-1/2"		3220'

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.

RECEIVED
STATE CORPORATION COMMISSION

Checked the hole and found it open. MAR 11 1960
Filled w/sand to 4141' and dumped 5 sacks of cement with bailer. Pulled 3-11-60
40 jts of 5 1/2" casing, gas broke in. CONSERVATION DIVISION
Pumped in 73 sacks of mud to kill gas. Wichita, Kansas
Pulled rest of casing (61 more jts)
cleared hole and set rock bridge from
300' to 290' and dumped 20 sacks of
cement. Mudded the hole to 40', set
rock bridge to 30' and ran 10 sacks of
cement to base of cellar.

PLUGGING COMPLETED

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Knight Casing Pulling Co.
Address Chase, Kansas

STATE OF KANSAS COUNTY OF RICE, ss.
I, Noel J. Knight (employee of owner) or (owner/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) Noel Knight
Chase, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 23rd day of February, 19 60

Thomas V. Dyer
Notary Public.

My commission expires 9-27-62

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

Company- MCKNAB
Farm- Kaller

No. 1

SEC. 24 T. 26 R. 13W
SW SW SE

Total Depth. 4362'

Comm. 4-18-55

Shot or Treated.

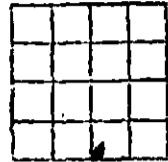
Contractor.

Issued. 11-26-55

Comp. 6-24-55

County Pratt

KANSAS



Elevation. 1930' DF

Production. Phy. Pot. 119 BOPD

Figures indicate Bottom of Formations

- 255 surface hole
- 400 shale and red bed
- 480 red bed
- 783 red bed and shale
- 807 anhydrite
- 1220 red bed and shale
- 1385 shale and shells
- 1640 shale and sand
- 1815 shale and limestone
- 2130 limestone and shale
- 2275 limestone
- 2340 limestone and shale
- 2525 shale and limestone
- 2735 limestone and shale
- 2895 shale and limestone
- 2995 limestone and shale
- 3200 shale and limestone
- 3385 limestone and shale
- 3435 shale and limestone
- 3500 limestone and shale
- 3516 limestone, light gray, subcrystalline to chalky, oolitic porous
- 3524 shale, gray to dark gray
- 3539 limestone, gray to tan, dense to chalky
- 3544 shale, brown-black, soft, fissils
- 3548 limestone, blue-gray, dense
- 3555 shale, dark gray, green-gray and brown, silty
- 3571 limestone, white to light tan, dense to finely crystalline, clean; streak shale 3558-62
- 3600 shale, gray, brown-gray, brown, some silty
- 3638 sand, fine, micaceous, gray to brown, argillaceous, some poor porosity 3605-38)
- 3701 shale, green-gray, micaceous, silty; possibly some streaks sand, as above
- 3705 limestone, gray-brown to dark brown, dense
- 3719 shale, gray
- 3722 limestone, as above
- 3725 shale, as above
- 3729 limestone, tan to brown, mottled finely crystalline, fossiliferous, possible trace oolites
- 3731 shale, gray
- 3748 limestone, as above, oolitic; trace gray, opaque, chert; some pinpoint porosity 3731-36, 3738-44 & 3745-48
- 3752 shale, gray-green
- 3776 limestone, gray to brown, dense to finely crystalline, fossiliferous, oolitic; trace oolitic chert; streaks pinpoint porosity 3753-67
- 3780 shale, gray and brown
- 3793 limestone, tan to light brown, finely crystalline to sucrose; fair pinpoint porosity
- 3805 limestone, tan to gray, subcrystalline chert, gray to dark gray, opaque; streaks dark gray shale
- 3828 limestone, tan to gray-brown mottled, subcrystalline to dense; good pinpoint and vugular porosity 3816-19
- 3833 shale, dark gray to black
- 3845 limestone, tan to brown, finely crystalline; good pinpoint and vugular porosity 3836-45
- 3849 shaly limestone
- 3860 limestone, tan to light brown, finely crystalline to subcrystalline, some vugular porosity; much dark gray, opaque chert.
- 3876 limestone, gray, subcrystalline to finely crystalline, some sucrose; chert, as above; some pinpoint porosity 3864-72
- 3881 shale, brown to gray-green
- 3891 limestone, light gray to brown; good vugular porosity 3881-85
- 3896 shale, gray and gray-green
- 3906 limestone, tan, subcrystalline, earthy, spotted poor vugular porosity 3896-3906
- 3915 limestone and gray-green shale streaks
- 3919 limestone, tan, very finely sucrose, oolitic; spotted vugular and oolitic porosity 3917-19
- 3928 limestone, buff, subcrystalline, resinous
- 3931 limestone, tan, subcrystalline to finely sucrose, oolitic; fair oolitic porosity
- 3934 shale, gray-black
- 3945 limestone, tan to dark brown, dense
- 3951 skip in samples
- 3956 limestone, brown dense
- 3962 shale, gray to brown-black, soft, fine micaceous
- 3973 limestone, light gray, subcrystalline spotted poor vugular porosity 3965-73
- 3993 limestone, tan to buff, dense, earthy; trace amber to milky, vitreous, translucent chert
- 3996 shale, gray-black
- 4000 limestone, tan to brown, subcrystalline spotted oolitic porosity 3998-4000
- 4019 limestone, cream to buff, subcrystalline to dense, very clean some oolitic
- 4043 mostly limestone, tan to gray, subcrystalline; streaks dark gray shale
- 4052 shale, gray to green-gray and brown
- 4056 limestone, tan to brown, dense, resinous, concoidal, fossiliferous
- 4064 shaly limestone

(OVER)

- 4073 limestone, tan to gray-green, sub-crystalline; some pale green semi-translucent limestone; much amber chert.
- 4076 shale, gray to gray-green
- 4083 limestone, as above, much amber to amber translucent to semitranslucent vitreous chert.
- 4089 shale, gray to gray-green to maroon, some calcareous
- 4107 limestone, red and white, oolitic, weathered; limestone, salmon to gray-green, subcrystalline; much chert; as above
- 4109 shale, as above
- 4127 chert, white to cream to salmon, vitreous, translucent to opaque; some brown, waxy chert; chert, brown to white, mottled, subvitreous to vitreous, opaque; much salmon, vitreous chert.
- 4131 shale, gray and gray-green
- 4135 limestone, tan to cream to gray, subcrystalline to dense; much flesh, amber, white, salmon and brown, vitreous chert
- 4137 shale, as above
- 4158 chert, cream to light tan, semi-translucent, vitreous; some tan to white, subcrystalline limestone, chert, tan, devitrified, porous; agate chert, light green to blue-black, vitreous to semi-devitrified, translucent to opaque
- 4164 shale, olive to gray to gray-green
- 4180 chert, brown to amber-brown, opaque to semi-translucent, vitreous to subvitreous; limestone, green-gray to light brown, subcrystalline, resinous
- 4183 shale, as above
- 4224 chert, white, opaque, vitreous, some figured, some smoky; chert, light tan to salmon, vitreous, translucent to semi-translucent; chert, brown to blue-gray, subvitreous to devitrified; some pink to white medium to finely crystalline limestone streaks; trace white; chalky, sandy limestone at base
- 4228 shale, green, some sandy; trace phosphate nodules
- 4235 sand, green gray, shaly, medium angular, some calcareous sand; porous 4231-34
- 4240 shale, green to gray, sandy
- 4246 sand, tan to brown, clean to calcareous medium angular
- 4255 dolomite, brown to yellow-tan, finely crystalline, sandy
- 4259 shale, as above
- 4269 sand, as above, finer grains
- 4334 mostly shale, as above; streaks sand and dolomite, as above; some white to gray, rounded, quartzitic sand toward bottom
- 4341 dolomite, tan to buff, subcrystalline to finely crystalline; chert, white, translucent oolitic
- 4342 dolomite, as above, some spotted oolitic porosity, poor permeability
- 4345 dolomite, as above
- 4347 shale, dark green
- 4351 dolomite, and oolitic chert, as above
- 4353 dolomite, tan to buff, medium to finely crystalline, fair vugular porosity
- 4358 dolomite, tan to brown, subcrystalline to dense; chert, white to amber, oolitic; trace dark green shale

4362 dolomite, cream to buff, finely crystalline, fair vugular porosity
 Total Depth
 Drillers log 0. - 3500' sample log 3500-TD

TOPS:

Stone Corral	703 Electric top
Hoebner	3539
Leavenworth	3544
Snyderville	3548
Toronto	3555
Douglas	3571
Brown Lime	3701
Lansing	3725
Base Kansas City	4043
Marmaton	4043
Mississippi	4137
Kinderhook	4158
Viola	4183
Simpson	4224
Arbuckle	4334

SHOWS:

- 3500-16 possible spotted stain.
- 3600-38 fair brown stain
- 3731-48 possible trace stain D.S.T.
- 3752-76 no free oil; fair dark stain D.S.T.
- 3776-80 fair stain, no free oil.
- 3805-28 slight stain, trace heavy free oil
- 3833-45 spotted stain, no free oil
- 3849-60 trace stain, no free oil
- 3860-76 no show
- 3881-91 fair show free oil, good stain D.S.T.
- 3896-3906 spotted stain
- 3915-19 fair spotted stain
- 3928-31 slight to fair show free oil, fair stain
- 3945-51 Electric log; shows porosity 3949-51
- 3962-73 slight stain
- 3996-4000 fair spotted show free oil
- 4109-27 spotted slight show free oil trace odor, D.S.T.
- 4137-58 good spotted show free oil, trace odor; D.S.T.
- 4183-4224 fair odor, slight show free oil D.S.T.
- 4228-35 no show free oil, some gilsonite
- 4240-46 trace odor and stain porous on electric log 4250-53; no porosity detected in samples
- 4259-69 trace odor, fair light stain, no free oil
- 4341-42 no show; D.S.T.
- 4351-53 fair odor, slight show free oil; D.S.T.
- 4358-62 fair odor, fair show free oil D.S.T.

All measurements are taken from the top of the rotary bushing which is 3' above the derrick floor.