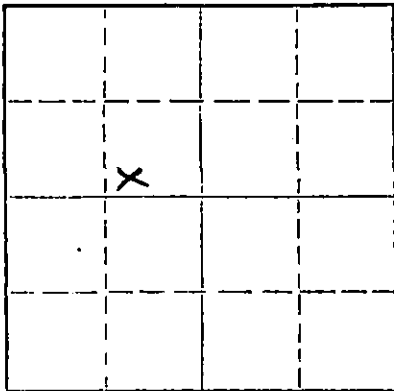


STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

WELL PLUGGING RECORD

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



Locate well correctly on above
Section Plat

Pratt County, Sec. 29 Twp. 26 Rge. 13 (E) W (W)
Location as "NE/CNW/SE/SW" or footage from lines SW SE NW
Lease Owner Wayne L. Kirkman Oil Operations
Lease Name Williams Well No. 2
Office Address 2015 Forest Ave. ; Great Bend, Kansas 67530
Character of Well (completed as Oil, Gas or Dry Hole) _____
Date well completed _____ 19____
Application for plugging filed August 1974
Application for plugging approved August 1974
Plugging commenced August 1974
Plugging completed August 27 1974
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 Russell Biberstein
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well _____ 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"	494	None
				5 1/2"	4525	2018

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.

Sun Oil Well Cementing Co. plugged off bottom, with cement and gel.

August 27, 1974 Plugged off top. Sun Oil Well Cementing Co. mixed and pumped down 8 5/8" surface casing, 2 sx of hulls, 10 sx of gel and 100 sx of cement.

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OCT 16 1974
10-16-74
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor RUSS CASING PULLING, INC.
Address P. O. Box 1082 ; Great Bend, Kansas 67530

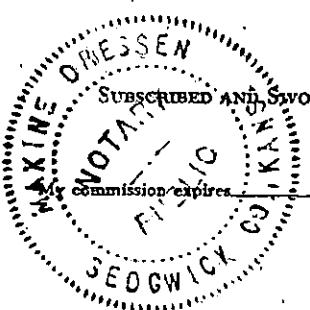
STATE OF KANSAS, COUNTY OF SEDGWICK, ss.
E. F. Day (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) E. F. Day
E. F. DAY
Box 18148, Wichita, Kansas 67218
(Address)

Subscribed and sworn to before me this 10th day of October, 1974

2/19/77

Maxine Dressen
Maxine Dressen Notary Public.



WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

COPY

Company: H.L. MOORE
Farm: Williams

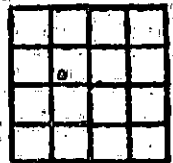
SEC. 29 T. 26 R. 13W
S1 SE NW

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Wichita, Kansas

County: Pratt
KANSAS

Total Depth. 4535'
Comm. 4-4-54
Shot or Treated.
Contractor.
Issued. 6-19-54

Comp.



Elevation. 1945' DF

Production. 146 BO/ 16% wtr

CASING:
8 5/8" 494'
5 1/2" 4525 1/2'

Note: All measurements are taken from the top of the rotary bushing, (which is 3' above the derrick floor) Figures indicate Bottom of Formations.

Drillers log 0-3500'	poro.: stks gry-blk shale 3735-3739	3752	sub-xlyn. to dense; stks, gry shalo.	3976
sand-gravel 130	shale, as above	3767	limo st., tan to green, finely sucrose; fair to good oolitic poro.	3978
red bed-shale-shells 802	lime st., brown to gry sub-xlyn. to dense, fossil.	3773	limo st., tan, dense to sub-xlyn.	3988
Anhydrite 818	shale, gry-blk to brown-blk	3781	limo st., porous, as above	3991
red bed-salt-shells 1595	lime st., brown to chocolate brown,	3786	limo st., tan, dense to sub-xlyn.	4005
shale-shells 1810	shale, gry; thin stks	3801	limo st., gry., finely sucrose, ool.; good vug. & oolitic poro.	4013
limestone-shale 2410	lime st., as above	3806	limo st., gry to buff sub-xlyn. to tan, dense	4023
shale-limestone 3500	lime st., as above	3809	limo st., tan to cream, finely sucrose, ool.; good spotted oolitic poro.	4028
Sample log 3500' to TD	shale, gry.	3809	limo st., & shale stks	4044
limestone, light gray to cream, sub-crystalline, some oolitic, good spotted vugular & oolitic porosity.	lime st., tan to gry, finely xlyn. to sub-xlyn., fossil.; gry & brown shale stks	3833	limo st., tan, finely sucrose, ool.; fair oolitic poro.	4060
3544	lime st., gry to buff, sub-xlyn., fair spotted vug. poro.	3847	lime, chert, shale	4077
limestone, gray to buff, finely crystalline good vugular porosity	lime st., drk tan, dense, stks gry. & brown shale	3858	lime	4081
3590	lime st., gry., sub-xlyn., ool., some oolitic poro.	3860	lime, chert, shale	4122
limestone, brown to buff, sucrose & gray, sub-crystalline to dense	lime st., as above, no poro.	3864	shale gry-grn & brn-mar.	4129
3601	Porous lime st. as above	3870	lime, tan to salmon, sub-xlyn to dense	4141
limestone, brown to buff, sucrose, dolomitic; spotted vugular porosity	lime st., brown & gry, dense to finely xlyn.; stks, shale, as above; some gry., opaque chert	3909	shale, as above	4150
3623	lime st., brown to gry, sub-xlyn., ool., fair vug. poro.	3916	lime st., tan, dense; chert, tan, opaque, amber to salmon, vitreous to semi-translucent; stk	4159
limestone & gray-black shale stks	lime st., gry to brown, dense	3923	shale, 4155-57	4163
3635	lime st., buff, finely xlyn, cherty; spotted pinpoint & fine vug. poro.; chert, gry., opaque	3934	shale, gry-green	4163
dolomite, brown, finely sucrose; some gray, sub-crystalline limestone	lime st., brown, dense; chert as above	3938	lime st., red to tan, dense & gry-green, medium to coarsely xlyn., fossil.; chert as above	4180
3645	lime st., pero., as above	3946	shale as above	4184
shale, brown-black, soft, micaceous	lime st., brown, dense, chert as above; stks. gry-brown shale	3950-53	lime st., as above, much gry., sub-xlyn silicified	4184
3653	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3958	lime st.; chert, as above; much brown devitrified chert	4203
limestone, brown to gray, subcrystalline	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962	shale & lime st. stks, as above	4247
3657	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962	shale, gry-green	4252
shale, gray to gray-black to gray green	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962	chert, whit to pink, vitreous, opaque; chert, salmon, vitreous & gry., semi-devitrified, opaque, some brown, devit-	
3675	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962		
limestone, gray brown, mottled, sub-crystalline to dense, resinous	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962		
3683	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962		
shale, gray black to gray green	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962		
3726	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962		
limestone, gray to cream, sub-crystalline to coarsely crystalline, ool.; good oolitic	lime st., tan to gry., sub-xlyn, ool.; good oolitic poro.	3962		

OVER

COPY

rified with fair show free oil; lime st. medium xlyn., tan to gry. good vug. pore. 4200 shale, gry-green & maroon 4283 lime st., green-gry. to brown-green, dense; stks sh lo 4297 chert, brown & amber, translucent, white & gry., partly & white figured shale, as above 4317 lime st., tan to gry., sub-xlyn. to dense; some red, weathered lime st. shale, as above 4345 chert, white, opaque, figured, white to brown, devitrified, white to blue-white opaque, figured 4365 lime st., white to gry, sub-xlyn. to sucrose; some tan, slightly sdy; stks pore; probably some chert 4390 shale, gry. & gry-green; stks tan to brown, dense to xlyn.; chert gry. to gry.-blk., opaque 4400 lime st., light tan, xlyn. to sub-xlyn., sdy. 4421 shale, drk green, sdy. 4424 sand, grh. to light brown, sv - angular medium to coarse, poorly sorted 4431 sand, as above, fairly shaly 4435 sand, as above, sub-angular to subrounded 4444 Dolo., tan to brown, finely macro, sdy. 4452 sand, as above, shale, gry-green sandy - 4454 sand, wht to lgt tan, very fine 4459 sand, as above, shale sdy, sand, red, sandy dolomite 4508 sand, grh., poorly sorted, sub-angular to sub-rounded 4512 mostly gry.-green shale, some stks. sand 4524 Dolo., cream to slightly pink, finely xlyn., rhombohedral; some green shale 4528 Dolo., gry. to buff to tan, medium to finely xlyn., some

pinpoint pore, 4534 Dolo. as above, no pore. 4535 Rotary Total Depth 4252-4200 TOPS: Stone Corral (EL. Log) 802, Hoobner 3645 Leavenworth 3655 Top Brown lime 3781 Top Lansing 3809 Base Kansas City 4122 Top Maraton 4122 Top Mississippi 4252 Top Viola 4345 Top Simpson 4421 Top Arbuckle 4524

DRILL STEM TESTS: Mississippi #1 DST 4233-31; open 1 hr; strong blow throat test Gas to surface in 3 min. Gauge 1,135,000 CFD @ 5 min. 1,020,000 CFD @ 10" 989,000 CFD @ 20" 734,000 CFD @ 60" Recovered 60' gas cut mud Bottom hole pressure 1070# (20 min.) Initial flow pressure 180# Final flow pressure 110# Viola #2 DST 4341-73; open 1 hr; small blow throat test Recovered 65' slightly oil cut mud Bottom hole pressure 105# (20 min.) Simpson #3 4420-40; open 1 1/2 hrs.; weak blow which increased to good blow in 5 min. & remained good to end test Gas to surface in 85 min. Recovered 30% slightly oil & gas cut mud Rec. 60' heavily oil & gas cut mud. Rec. 120' muddy oil Bottom hole pressure 980# (20 min.) Initial flow pressure 30# Final flow pressure 35# #4 DST 4441-70; open 45 min.; weak blow which died in 25 min. Rec. 15' mud Bottom hole pressure 125# (20 min.)

4044-4050 slight spotted stain 4073-4081 porous on electric log 4252-4200 fair to good show light brown oil; DST 4200-4203 probable top King-orhook 4297-4314 no show 4314-4317 possible top King-orhook 4345-4365 good oil stain; DST 4365-4390 no show 4421-4431 good odor & show gas, show free oil; DST 4431-4435 show oil, as above DST 4435-4444 show oil, as above DST 4454-4459 very slight trace free oil, DST 4459-4466 show oil, as above DST 4503-4512 very slight show free oil, no odor 4523-4534 no show

REMARKS: 3500-3544 no show 3544-3590 no show 3601-3623 no show 3726-3752 fair spotted stain 3835-3847 fair spotted stain 3858-3860 slight stain 3864-3870 slight stain 3809-3916 fair spotted stain 3923-3934 trace stain 3938-3946 trace stain 3958-3962 good stain 3976-3978 fair stain 3988-3991 fair stain 4005-4013 good stain 4023-4028 fair stain

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