

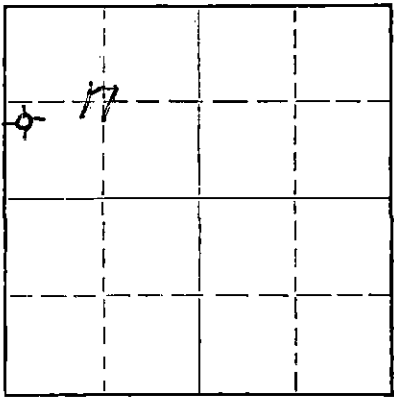
WELL PLUGGING RECORD

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

RENO County. Sec. 17 Twp. 24S Rge. 9W (E) (W)

Location as "NE/CNW%SW%" or footage from lines NW NW SW
Lease Owner JUSTA OIL COMPANY
Lease Name HINSHAW Well No. 1
Office Address BOX 311, VALLEY CENTER, KANSAS
Character of Well (completed as Oil, Gas or Dry Hole) WASHDOWN
Date well completed 19
Application for plugging filed JUNE 2 19 65
Application for plugging approved 19
Plugging commenced JULY 15 19 65
Plugging completed JULY 28 19 65
Reason for abandonment of well or producing formation D & A.

NORTH



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 GILBERT TOMAN
Producing formation Depth to top Bottom Total Depth of Well 3820 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"	191	None
				5 1/2"	3820'	3018'

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.

3820' - 3560' - BRIDGE PLUG
 3560' - 235' - MUD
 235' - 225' - ROCK BRIDGE
 225' - 150' - 25 SACKS CEMENT
 150' - 35' - MUD
 35' - 30' - ROCK BRIDGE
 30' - BASE- 10 SACKS CEMENT

RECEIVED
STATE CORPORATION COMMISSION

AUG 17 1965

8-17-65
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor SANTA-FE PIPE & SUPPLY, INC
Address BOX 562, GREAT BEND, KANSAS

STATE OF KANSAS, COUNTY OF BARTON, ss.
T.L. Nutt (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.L. Nutt

BOX 562, GREAT BEND, KANSAS (Address)

SUBSCRIBED AND SWORN to before me this 3rd day of August, 1965

My commission expires Jan. 26, 1967

Carmen R. Cook, Notary Public.

15-155-00288-0004

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

Company- MANHART-MILLISON & BEEBE
Farm- Hinshaw No. 1

SEC. 17 T. 24 R. 9W
NW NW SW

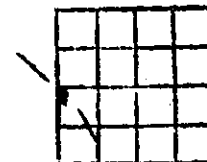
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STATE CORPORATION COMMISSION
County Reno

KANSAS

Total Depth. 4160'
Comm. 8-23-55
Shot or Treated.
Contractor.
Issued. 11-12-55

Comp. 9-5-55

AUG 17 1965
8-17-65
CONSERVATION DIVISION
Wichita, Kansas



8 5/8" CASING:
191'

Elevation. 1663' KB

Production. Dry

Figures indicate Bottom of Formations

70	clay and sand	2025	limestone, cream to gray, finely sucrose, to subcrystalline, fossiliferous some argillaceous
130	red beds and shells	2032	shale gray and brown
191	red beds	2056	limestone, tan to red-brown, subcrystalline to dense; trace, gray, opaque, chert
332	shale, red, silty, grading into very argillaceous fine red sand	2098	shale, gray to pale green, some thin limestone streaks
349	anhydrite, gray to white, with red and milky selenite	2125	limestone, tan to buff, subcrystalline fossiliferous
480	shale, red, green, and variegated, streaks anhydrite and gypsum	2142	shale, gray
500	increase in anhydrite	2150	limestone, tan to cream, finely crystalline to subcrystalline
518	shale, brick red, waxy	2185	streaks limestone as above, and gray and brown shale
650	streaks, white, soft anhydrite and red and green shale; some selenite and satinspar	2195	limestone as above, some shale streaks
700	shale, red, some green shale	2225	limestone as above, some brown oolites
720	shale, gray, green and brown	2242	shale, gray, silty; streaks limestone, cream, dense
850	shale as above, streaks limestone, gray, impure	2250	limestone as above
1275	shale, gray, silty, streaks fine silty sand	2260	shale and limestone streaks
1455	anhydrite, cream to white, clean; streak gray shale	2285	shale, gray
1505	shale, gray, streaks anhydrite as above	2300	limestone, as above
1520	anhydrite as above	2310	shale, gray
1528	shale, brick red and gray	2318	limestone, gray to tan, subcrystalline to dense
1555	limestone, cream to tan, subcrystalline; some chert, gray to milky, opaque to semi-translucent	2340	shale, brown and gray
1598	shale, gray, streaks limestone as above	2360	sand, gray to white fine, shaly
1631	limestone, tan, subcrystalline resinous, trace gray opaque chert	2418	shale, gray to gray-green to brown, some silty
1640	shale, gray to gray-green	2448	limestone, gray, subcrystalline to finely crystalline
1660	limestone, gray, subcrystalline, shaly, fossiliferous	2460	shale, gray
1670	shale, as above	2475	shale, gray to pale green, silty, streaks fine gray sand
1690	limestone, cream to gray, subcrystalline	2592	limestone, white to gray, subcrystalline; fossiliferous; a few thin streaks gray shale
1730	limestone, cream, very finely sucrose, good oolitic porosity	2620	shale, gray to pale green, silty; much sand fine, gray, argillaceous, micaceous
1750	shale, gray	2632	shale as above
1760	limestone, gray oolitic	2680	limestone, tan to brown subcrystalline to dense, fossiliferous
1818	limestone, cream to gray, finely crystalline to subcrystalline, streaks gray shale; chert gray to white, fossiliferous subvitreous, opaque	2702	limestone, tan, subcrystalline, to finely sucrose
1830	shale, gray	2754	shale, gray, silty, much sand, white to gray, fine to submedium
1835	limestone gray to brown subcrystalline fossiliferous	2766	limestone, gray to tan, finely crystalline
1853	shale gray	2770	shale, gray & brown
1891	limestone, as above, streaks gray shale	2800	limestone as above, fossiliferous
1915	shale, gray some limestone streaks	2815	limestone, cream to gray, finely sucrose, oolitic; finely oolitic porous
1980	limestone, buff to gray subcrystalline, fossiliferous	2840	limestone, cream, subcrystalline to brown dense
1995	limestone, cream to gray, subcrystalline; some oolitic; spotted vugular and inter-oolite porosity		
2018	shale, gray and brown with some limestone streaks		

(OVER)

2845	limestone, as above, some oolitic porosity	3337	shale as above
2858	limestone, cream to buff, subcrystalline to finely crystalline	3346	limestone, gray subcrystalline to chalky
2860	shale; black	3351	limestone, tan to gray, mottled, subcrystalline, slight porosity
2865	shale, gray	3354	limestone as above, no porosity
2875	limestone, cream, finely crystalline to very finely sucrose; spotted honey-comb porosity	3356	shale gray
2885	limestone, as above, dense	3362	limestone as above
2900	limestone tan to cream sucrose, oolitic, slightly dolomitic; good oolitic porosity	3364	shale, dark gray
2910	limestone, gray to tan, subcrystalline to brown dense; chert gray, opaque subvitreous	3370	limestone as above, trace porosity
2920	shale, gray to dark gray, some thin limestone streaks	3372	shale, gray
2932	limestone, cream to buff subcrystalline to dense, fossiliferous; chert, white opaque, vitreous	3374	limestone, tan to brown, finely crystalline to subcrystalline, fossiliferous
2937	shale, gray to black	3376	shale, gray
2945	limestone, cream, medium to coarsely crystalline; good inter-crystalline and vugular porosity	3382	limestone, as above
2955	limestone, cream to white, subcrystalline fossiliferous	3386	limestone, tan, subcrystalline, crypto-oolitic, spotted vugular and oolitic porosity
2980	limestone, white to cream, chalky, oolitic; possibly some porosity	3389	shale gray
2995	limestone, tan to buff, subcrystalline fossiliferous	3402	limestone, gray to brown, finely crystalline, cherty, chert gray to tan opaque, subvitreous; spotted fair vugular porosity
3007	limestone cream to white finely sucrose to subcrystalline; some oolites; fair vugular and oolitic porosity	3404	shale gray
3013	limestone as above, shaly no porosity	3408	limestone, tan subcrystalline gritty, to gray dense chert as above
3029	limestone as above, fair porosity	3410	shale gray
3046	limestone, tan, subcrystalline trace finely sucrose dolomitic limestone	3421	limestone cream, subcrystalline to finely sucrose; fair pinpoint and inter oolite porosity, much chert, white to gray, opaque, vitreous
3054	limestone, as above, some porosity	3424	shale, brown and gray
3059	limestone, as above, no porosity	3436	limestone, tan, subcrystalline, earthy less chert, some porosity
3061	shale black	3428-36	
3079	limestone, cream, subcrystalline to tan finely crystalline, finely sucrose dolomitic, some porosity	3440	shale, green and gray
3085	shale, soft brown-black	3443	limestone coarsely crystalline to gray dense; trace gray opaque chert
3088	limestone gray subcrystalline	3452	shale, gray and green
3095	shale, gray to gray-green, slightly silty	3460	limestone tan subcrystalline oolitic; possible trace oolitic porosity
3105	limestone, brown to gray, finely crystalline, to subcrystalline	3464	streaks dark gray shale & limestone
3121	shale, gray to green-gray streaks fine gray sand	3467	shale dark gray
3137	sand, white to gray, submedium well sorted, clean to slightly shaly	3469	limestone tan subcrystalline resinous very oolitic
3185	sand as above shaly, many streaks gray shale	3472	limestone as above some oolitic porosity
3248	shale gray to gray-green, silty, some gray black	3482	limestone, cream to tan, subcrystalline earthy to dense very fossiliferous
3252	limestone, brown, subcrystalline some fossils	3486	shale dark gray to black fissile
3268	shale, gray, thin streaks limestone as above	3488	limestone as above
3272	limestone as above, streaks gray shale	3490	shale as above
3286	limestone, cream to tan subcrystalline oolitic	3499	limestone as above, some oolite and poorly developed oolitic; fair porosity
3289	shale, gray	3501	shale, gray
3296	limestone, buff, subcrystalline trace vugular porosity 3392-96	3520	limestone tan to gray dense
3303	limestone, tan to gray, dense	3525	limestone as above, possible trace porosity
3305	shale, gray and brown	3539	limestone, tan to brown, dense, resinous
3308	limestone, as above	3545	shale, gray and dark gray
3312	shale, as above	3548	limestone, gray, finely crystalline, fossiliferous spotted vugular porosity
3327	limestone, tan to gray, fossiliferous streaks gray shale, some chert; brown to tan semi-translucent	3551	limestone, as above, no porosity
3330	shale, as above	3555	limestone as above, slight porosity
3334	limestone, as above	3573	limestone cream to tan, subcrystalline to dense, streaks gray-black shale
		3581	shale, dark gray and brown
		3592	limestone as above, streaks brown shale
		3600	limestone, tan, finely crystalline few spotted vugs; trace chert, gray, semi-translucent, vitreous
		3603	limestone as above, no porosity
		3607	shale, gray to dark gray

- 3614 limestone, cream, subcrystalline
- 3617 shale, gray to black
- 3625 limestone, gray to brown, finely crystalline, to subcrystalline, very fossiliferous, slightly weathered
- 3631 shale gray-black, soft, fossile
- 3639 limestone, pale green to tan to maroon, subcrystalline; trace chert, gray opaque, subvitreous
- 3652 limestone as above with streaks gray and maroon shale
- 3665 shale, gray, gray-green and maroon
- 3680 limestone, tan, dense, some with maroon oolites, some chert tan to gray, opaque subvitreous
- 3684 shale, gray to gray-green, soft, silty
- 3690 limestone gray subcrystalline to tan dense
- 3693 shale as above
- 3697 limestone as above
- 3711 limestone as above, with much shale as above
- 3718 shale as above and streaks limestone as above
- 3726 limestone as above, some green finely crystalline limestone, much silicified limestone
- 3731 shale green, gray and maroon
- 3750 chert white to salmon to brown, opaque, devitrified to vitreous, porous
- 3785 chert, calcareous, green, subvitreous opaque, much white to brown tripolitic chert; traces of tan subcrystalline limestone and brown sucrose dolomite toward bottom
- 3790 shale, gray, brown, gray-green
- 3806 limestone, tan dense, some brown, subcrystalline; trace chert, semi-translucent
- 3927 shale, gray to green to maroon, some silty possible thin streaks gray-green subcrystalline limestone
- 3940 shale as above, increase in limestone, tan to brown dense
- 3969 shale as above
- 3978 limestone tan to brown subcrystalline to dense
- 3985 shale as above
- 4002 dolomite, tan to gray, earthy to finely crystalline rhombohedral, good inter-crystalline and vugular porosity; chert gray opaque, subvitreous speckled
- 4018 limestone, cream to white, subcrystalline, some medium to finely crystalline, dolomitic chert gray to white opaque, subvitreous
- 4027 dolomite, tan to gray, finely crystalline, increase in chert as above, possible trace porosity
- 4035 limestone, white to buff, finely crystalline to subcrystalline streaks dolomite as above
- 4047 limestone and dolomite as above, increase in chert gray, cream and white, subvitreous, opaque figured; possibly some porosity
- 4059 limestone tan to brown, subcrystalline to dense less chert
- 4065 limestone, brown finely crystalline to subcrystalline resinous; large clear to amber sand grains & limestone
- 4073 shale, pale green to dark green sandy
- 4090 sand, white to tan subrounded submedium to coarse, fairly well sorted, considerable brown resinous tabular substance in sand which turned black on heating and gave off a dull copper fluorescence

- 4094 shale green, sandy
- 4104 shale, green
- 4115 sand, white, medium to submedium subangular, to subrounded, shaly; streaks dolomitic sand and very sandy dolomite
- 4118 shale green
- 4128 shale, green very sandy
- 4141 shale, green
- 4146 dolomite, gray, finely crystalline rhombohedral; some small vugs and fractures; trace chert, white, opaque oolitic
- 4156 dolomite cream to tan, subcrystalline to coarsely crystalline, rhombohedral, some chert as above
- 4160 dolomitic as above, some tripolitic cement, spotted vugular porosity; trace gray, translucent, oolitic chert

Total Depth Ran Electric Log 9-4-55
 All measurements are from the top of the Rotary Bushing.
 Drillers log 0-191' Sample log 191 to T.D.

TOPS:

Stone Corral	332
Topeka	2754
Heebner	3079
Leavenworth	3085
Snyderville	3688
Toronto	3095
Douglas	3105-3248
Brown Lansing	3248
Lansing	3272
Base Kansas City	3625
Marmaton	3625
Mississippi	3731-85
Kinderhook	3785-3985
Maquoketa	3985
Viola	4002
Simpson	4065
Arbuckle	4141

DRILL STEM TESTS:
 #1 3731-53, Upper part of Mississippian op 1 hr., strong blow throughout, gas in 2 min - no enough to measure. Rec. 80' slightly watery mud no oil IFP 25#, FFP 40#, BHP 660# (20 min still building up rapidly)

#2 3753-86, Lower part of Mississippian op 1 hr., fair blow which increased to a good blow and remained that way throughout test. Rec. 480' gas, 30' slightly oil and gas cut mud, 90' very slightly oil cut watery mud, IFP 12#, FFP 40#, BHP 945# (30 min - still building up slowly)

SHOWS:
 No show 1690-1730, 1750-60, 1980-95, 2800-15, 2840-45, 2865-75, 2937-45, 2955-80, 2995-3007, 3013-29, 3046-54, 3061-79, 3121-37, 3289-96, 3382-86, 3389-3402, 3410-21, 3424-36, 3452-60, 3469, 72, 3490-99, 3520-25, 3551-55, 3985-4002, 4002-18, 4018-27, 4035-47, 4073-90, 4104-15, 4141-46, 4156-60, 2885-2900 slight trace of oil stain, 3346-51 possible trace light oil stain, 3364-70 very slight show oil, 3545-48 trace oil show, 3592-3600 trace oil stain, 3731-50 slight to fair show oil, 3750-85 good show oil