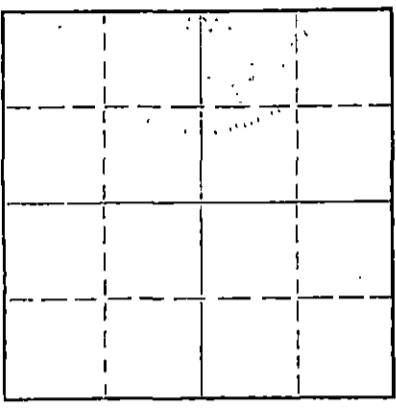


STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas 67202

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Pratt County. Sec 8 Twp. 27 Rge. 4W (E) (W)
Location as "NE/CNW/SW" or footage from lines NW SE
Lease Owner Gene Risley
Lease Name Cromer #1 Well No.
Office Address Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 2/24/70 19
Plugging completed 2/27/70 19
Reason for abandonment of well or producing formation depleted.

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 Biberstein
Producing formation Depth to top Bottom Total Depth of Well 4617' 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	330	none
				4 1/2"	4180'	3620'

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.

Checked hole to 4145', ran sand to 4000', dumped 5 sacks of cement.
Shot pipe at 3604', pulled 118 joints. Bailed hole to 260', set 10' rock bridge and dumped 25 sacks of cement. Mudded to 40', set 10' rock bridge and dumped 10 sacks of cement.

PLUGGING COMPLETE.

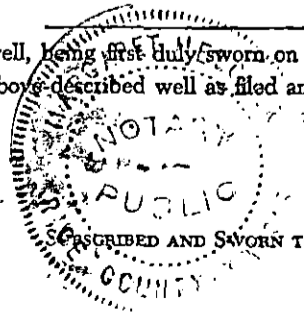
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(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor KNIGHT CASING PULLING CO., INC.
Address CHASE, KANSAS

STATE OF KANSAS, COUNTY OF RICE, ss.
NOEL J. KNIGHT (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) [Signature]
CHASE, KANSAS (Address)

Subscribed and sworn to before me this 3rd day of March, 19 70
My commission expires 2/15/71
[Signature] Notary Public.



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CONSERVATION DIVISION
Wichita, KansasGEOLOGICAL REPORT

Drilling Contractor: Sage Drilling Co. Gene Risley #1 Cromer
 Drilling Commenced: March 31, 1968 NW SE Sec. 8-27-14W
 Drilling Completed: April 9, 1968 Pratt County, Kansas

Gentlemen:

Following is the geological report on the above captioned test well. Samples were examined from 3700 feet to the total depth. All measurements were taken from the Kelly Bushing.

Elevation: 2016' K.B. 2011' G.L.
 Surface Pipe: 8 5/8" casing at 330' with 230 sacks.
 Production Pipe: 4 1/2" casing at 4180' with 100 sacks.
 Drill Stem tests: Three tests were taken by Sun Testers.
 Electrical Surveys: Welex, Radiation-Guard with Fracfinder and Caliper.

Formation Summary

Heebner	3732	(-1716)
Toronto	3751	(-1735)
Brown Lime	3893	(-1877)
Lansing	3920	(-1904)
Base-Kans. City	4254	(-2238)
Mississippian	4366	(-2350)
Kirderhook	4401	(-2385)
Viola	4459	(-2443)
Simpson Shale	4543	(-2527)
Simpson Sand	4556	(-2540)
Total Depth	4617	(-2601)

Sample DescriptionsToronto

3751 - 3770 Limestone; cream, fossiliferous, fair vugular and fossil cast porosity, trace of dark residual stain.

Lansing-Kans. City

3946 - 3959 Limestone; gray to tan, fine crystalline to chalky, poor visible porosity, no shows.

- 3970 - 3977 Limestone; gray, slightly shaley and cherty, scattered vugular porosity, no shows.
- 4034 - 4045 Limestone; tan to light gray, fine crystalline to slightly chalky, abundant gray chert, no shows.
- 4076 - 4080 Limestone; buff, partly chalky and oolitic, fair oolitic and inter-oolitic porosity, spotted staining, fair show of free oil, faint odor.

Drill Stem Test #1. 4076 to 4102'. Tool open 70 min, strong blow throughout. Recovered: 3700 ft. of gas in pipe, 30 ft. of gassy, oil-cut mud, 60 ft. of very heavily oil-cut mud, 60 ft. of gassy, muddy oil.
 IFP. 41 psi.
 FFP. 66psi.
 IBHP. 947 psi. in 20 min., still increasing.
 FBHP. 1236 psi. in 30 min., still increasing.

4111 - 4118 Limestone; tan, fine crystalline, very cherty, slight vugular porosity, possibly fractured, trace of light staining.

4158 - 4166 Limestone; tan, partly oolitic, scattered porosity, light scattered staining, slight show of free oil, fair odor.

Drill Stem Test #2 4144 to 4175'. Tool open 70 min., strong blow throughout. Recovered: 50 ft. of oil and gas-cut mud, 120 ft. of oil and gas-cut thin watery mud, 420 ft. of oil and gas-cut salt water.
 IFP. 125 psi.
 FFP. 293 psi.
 IBHP. 1406 psi. (30 min.)
 FBHP. 1295 psi. (30 min.)

Mississippian

4366 - 4380 Chert; white to gray and tan, opaque, mostly smooth and fresh, very slightly weathered, slight scattered porosity and staining, rare trace of free oil, no odor.

4380 - 4401 Chert; white, blocky, slight increase in weathering, scattered light and dark staining, no odor.

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Drill Stem Test #3 4355 to 4385'. Tool open 70 min. Strong
blow throughout. Gas surfaced in 50 min.
Too small to measure. Recovered: 30 ft. of
gas-cut mud.
IFP. 44psi.
FFP. 53 psi.
IBHP. 1309 psi. (30 min.)
FBHP. 1457 psi. (30 min.)

Kinderhook

4448 - 4455 Sand; gray to black, fine grain, subangular
slightly shaley and silty, calcareous in part,
spotted dark stain and show of dead oil,
no odor.

Viola

4459 - 4532 Interbedded cherts and limestone, some highly
fractured, traces of pinpoint porosity in
chert from 4512 - 4524 and scattered dark
staining, no odor.

Simpson

4556 - 4579 Sandstone; gray to clear, medium-fine grain,
angular to subrounded, some friable with fair
porosity, questionable light stain in top,
no free oil, no odor.

Total Depth 4617 feet.

Very Truly Yours

Lee Poulsen
Lee Poulsen

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Wichita, Kansas

LP/mjp

Gene Risley #1 Cromer
 NW SE Sec. 8-27-14W
 Pratt County, Kansas

DRILLING TIME

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
3700 - 3710	2-1-1- $\frac{1}{2}$ - $\frac{1}{2}$	$\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ -1
3720	1-1-1-1-2	2-2-2-2-1
3730	1-2-1-1-3	2-2-3-1-2
3740	3-1-2-2-2	1-1-1-1-2
3750	3-3-2-1-1	1-1-2-2-1
3760	2-2-2-3-3	4-3-4-2-4
3770	1-1-2-2-1	2-1-1-1-2
3780	2-2-3-2-3	3-2-1-1-1
3790	2-1-1-1-1	2-4-2-1-1
3800	1-1-1-1-2	1-2-1-2-1
3800 - 3810	2-1-1-2-3	1-1-1-1-1
3820	1-1-1-1-1	1-1-1-1-1
3830	1-1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$	$\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$
3840	$\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$	$\frac{1}{2}$ -1-1-1-1
3850	1-1-2-1-2	1-2-1-1-2
3860	1-2-1-1-2	1-1-1-2-1
3870	2-1-2-1-1	2-1-1-1-1
3880	2-2-1-2-1	1-1-2-1-1
3890	1-1-1-1-1	1-1-1-1-1
3900	1- $\frac{1}{2}$ - $\frac{1}{2}$ -1-2	2-2-2-1-1
3900 - 3910	1-1-1-2-1	2-1-1-2-1
3920	1-1-1-1-1	1-2-2-1-2
3930	1-1-2-2-3	2-3-3-3-3
3940	2-4-2-3-3	3-3-2-1-2
3950	4-4-4-3-3	3-3-3-2-2
3960	2-3-2-2-2	2-3-2-2-3
3970	2-2-4-3-4	4-6-6-5-2
3980	4-2-1-4-4	3-3-3-3-3
3990	6-6-5-5-7	6-5-6-8-7
4000	5-5-7-9-5	6-9-8-7-5
4000 - 4010	8-6-7-7-7	10-7-4-9-5
4020	5-8-6-4-6	6-3-6-4-6
4030	6-3-4-3-3	3-3-7-4-7
4040	7-6-3-4-7	5-4-5-3-4
4050	3-3-3-2-4	3-3-3-5-6
4060	7-7-8-7-7	8-5-6-7-7
4070	7-10-4-9-9	11-10-8-10-3
4080	4-3-3-6-6	5-5-7-4-3
4090	3-3-5-3-3	3-2-3-3-3
4100	3-1-2-3-2	2-3-2-2-3

New bit at 3823'

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Trip for bit at 4083'

Drilling Time Log
 Gene Risley #1 Cromer
 NW SE Sec. 8-27-14^W
 Pratt County, Kansas

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
4100 - 4110	2-3-4-3-4	4-2-5-4-5
4120	3-2-3-2-2	3-4-2-3-2
4130	3-3-3-1-1	3-2-2-3-2
4140	2-2-2-1-3	3-4-4-4-4
4150	4-4-6-7-6	4-5-4-3-3
4160	5-6-6-4-2	2-2-3-3-3
4170	1-1-1-1-2	2-3-3-4-5
4180	4-5-5-4-5	3-4-4-4-3
4190	3-5-5-3-3	5-4-4-5-5
4200	4-4-5-5-3	6-3-5-5-3
4200 - 4210	3-4-6-6-6	6-6-7-6-6
4220	6-7-6-6-5	6-6-8-7-8
4230	8-7-6-4-3	5-8-9-7-4
4240	4-8-6-6-6	6-6-5-5-5
4250	4-4-4-3-3	2-3-3-4-4
4260	3-3-5-6-6	4-4-3-3-4
4270	3-4-3-4-3	3-2-3-4-3
4280	3-3-3-3-3	3-4-3-3-3
4290	2-2-3-3-4	3-5-4-5-6
4300	8-5-8-5-8	6-7-7-7-6
4300 - 4310	7-6-5-4-3	3-4-5-7-6
4320	7-6-7-7-6	7-7-3-4-4
4330	6-7-5-5-4	8-9-5-3-4
4340	5-5-3-4-4	4-7-14-3-4
4350	7-4-5-6-6	4-5-4-5-5
4360	5-5-5-5-5	4-3-3-5-3
4370	3-3-4-3-3	2-4-2-2-2
4380	2-2-2-2-2	2-2-2-2-2
4390	3-2-2-3-2	2-2-3-3-3
4400	3-3-3-3-4	2-2-3-3-4
4400 - 4410	4-10-15-14-10	10-9-11-12-12
4420	11-10-10-10-10	6-4-3-3-3
4430	3-3-3-2-1	3-3-3-2-3
4440	3-3-3-4-4	12-17-19-23-5
4450	6-4-5-5-5	5-6-5-6-5
4460	5-4-3-2-4	9-7-5-6-4
4470	3-4-4-3-3	3-5-4-4-5
4480	5-4-3-3-4	5-4-5-5-7
4490	6-5-5-5-5	5-5-6-4-3
4500	7-9-4-3-4	3-2-3-3-3

Circ. Samples @ 4104'

Circ. Samples @ 4138'

Circ. Samples @ 4175'

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Trip for bit @ 4338'

R. Circ. Samples and
 DST at 4385'

Trip for bit @ 4439'

Drilling Time Log
 Gene Risley #1 Cromer
 NW SE Sec. 8-27-14^W
 Pratt County, Kansas

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
4500 - 4510	3-3-4-4-4	4-4-5-5-3
4520	5-4-4-6-4	5-3-4-5-6
4530	5-6-4-5-5	8-11-9-15-4
4540	3-2-2-5-5	5-6-6-5-5
4550	5-4-6-4-6	6-4-4-5-5
4560	3-4-4-5-5	5-4-3-3-4
4570	5-4-5-3-2	3-7-7-7-6
4580	8-9-9-10-11	9-13-16-6-3
4590	4-5-8-5-6	7-5-8-8-7
4600	5-8-5-7-7	7-7-9-9-10
4600 - 4610	8-8-9-10-7	8-9-6-7-9
4618	7-7-10-9-10	10-11-10

New bit at 4529'

Circ. and TD

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