

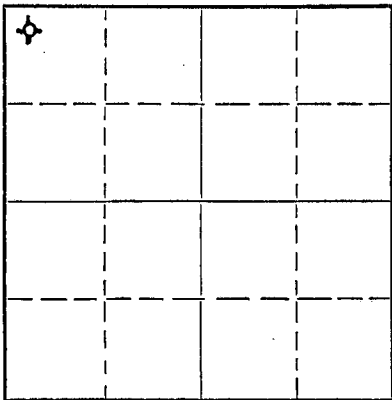
15-169-00028-00-00

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

Saline County, Sec. 26 Twp. 15S Rge. 3W (E) (W)

NORTH



Locate well correctly on above Section Plat

Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NW NW NW
Lease Owner W. R. White et al
Lease Name Ekstrom Well No. 1
Office Address 416 W. Jewell, Salina, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed February 22, 1952 19
Application for plugging filed February 25, 1952 (verbal) 19
Application for plugging approved February 25, 1952 19
Plugging commenced February 25, 1952 19
Plugging completed March 19, 1952 19
Reason for abandonment of well or producing formation dry

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 Ruel Durkee
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 2783 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"	126	none
				5-1/2"	2775'	2084'

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.

Filled with sand to 2770 feet
Dumped 6 sacks of cement at 2770
Shot pipe off at 2084'. Pulled pipe
and mudded hole to 130 feet. Set
rock bridge at 130 feet and dumped
15 sacks of cement. Finished mudding hole
and put 5 sacks of cement at top of surface.

STATE

APR 9 1952

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

Name of Plugging Contractor Bert Self
Address 419 E. 6th, Hutchinson, Kansas

STATE OF KANSAS, COUNTY OF Saline, ss.

(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) W. R. White

416 West Jewell
(Address)

SUBSCRIBED AND SWORN to before me this 8th day of April, 1952

My commission expires May 28 1955
George W. Watkins
Notary Public.

PLUGGING
FILE SEC 26 T 15 R 2W
BOOK PAGE 3 LINE 4Y

15-169-00028-00-00

ROTARY DRILLER'S LOG

W. R. White, et al - Operator
416 W. Jewell Street
Salina, Kansas

Elevation: KB 1339
DF 1336

Ekstrom #1

8-5/8" x 5 1/2" Head 6.60'
below K. B.

NW NW NW
Sec. 26-15S-2W
Saline County, Kansas

Casing Record:

8-5/8" Csg. 126' w/75 sx.

Well Commenced: 1-17-52
Well Completed: 1-25-52

5 1/2" Csg. 2775' w/50 sx.

Contractor: E. K. Carey, Contractor (Rig #2) Box 620, McPherson, Kansas
Geologist: Don Smith, 5206 E. Central, Wichita, Kansas

Figures Indicate Bottom of Formation K.B.

Cellar	7
Shale	70
Shale & shells	126
Shale & shells	216
Anhydrite	218
Lime & shale	835
Lime	850
Shale & shells	1475
Lime & shale	1675
Lime	1748
Shale & lime	1805
Lime & shale	1980
Sand & shale	2020
Shale & shells	2137
Lime	2481
Shale & lime	2768
Shale	2771
Sand	2783

Geologist Tops:

Lansing	2137	(-798)
Kansas City	2300	(-961)
Base Kansas City	2458	(-1119)
Burgess Sand	2771	(-1432)
T. D.	2783	(-1436)
5 1/2" casing set 2775 feet (-1436) or 8 feet off bottom.		

The above Rotary Driller's Log is complete and correct to the best of my knowledge.

E. K. CAREY, CONTRACTOR

By Herbert Rhoton
Herbert Rhoton, Superintendent

PLUGGING

FILE	SEC	26	15	R	2W
BOOK	PAGE	3	LINE	4V	

APR 15 1952

15-169-00028 -00-00

Mr. J. P. Roberts
State Corporation Commission
Wichita, Kansas.

Dear Mr. Roberts-

File 3-42

I am attaching a log on the Ekstrom Well
No One, NW NW NW 26-15-2W Saline County, Kansas also Plugging
report of B ert Self of Hutchinson, Kansas. Please see that
the files are completed.

Yours truly

W. R. White et al.
Ekstrom Well # 1

APR 3 1952

15-169-00028-00-00

419 E. 6th
Hutchinson, Kansas

Mr. W. R. White
416 W. Jewel
Salina, Kansas

Dear Mr. White:

Plugging report for the Exstrum #1 Well:

Started: Feb. 25, 1952

Completed: March 19, 1952

Supervised: Mr. Ruel Durkee

Dumped 6 sacks of cement at 2770'. Shot pipe off at 2084'. Pulled pipe and mudded hole to 130'. Set rock bridge at 130' and dumped 15 sacks of cement. Finished mudding hole and put 5 sacks of cement at top of surface.

Yours truly,

Bert Self
Bert Self

Enclosure
BS:ds

STAMP

APR X 3 1952

CON

WICHITA, KANSAS

Page #2, Time Log
 W. R. White et al #1 Ekstrom
 NW 1/4 Sec. 26-15S-2W
 Saline County, Kansas

2460-2470	4-5-4-3-4-3-5-4-3-4	
2470-2480	3-4-4-3-3-4-3-3-5-3	
2480-2490	2-2-3-3-4-5-3-5-4-4	
2490-2500	5-6-5-5-4-3-2-3-3-2	
2500-2510	2-3-3-2-3-1-2-4-2-3	
2510-2520	3-3-5-5-3-4-4-5-2-3	
2520-2530	2-3-4-5-4-4-3-3-4-4	
2530-2540	3-3-3-4-5-4-4-4-3-4	
2540-2550	5-6-4-6-4-4-4-4-4-4	
2550-2560	4-4-4-4-5-5-4-4-5-5	
2560-2570	5-4-2-1-5-5-4-4-5-4	
2570-2580	4-4-4-5-7-7-7-6-6-5	
2580-2590	3-6-5-5-5-6-5-5-5-5	
2590-2600	4-4-4-4-3-5-6-5-5-6	
2600-2610	5-5-5-5-5-5-3-4-5-4	
2610-2620	5-4-5-7-8-7-3-8-7-7	
2620-2630	5-4-7-7-5-4-6-7-5-5	
2630-2640	5-6-6-6-5-5-7-6-3-2	
2640-2650	4-4-4-5-5-6-6-6-6-6	
2650-2660	4-7-7-6-6-6-7-5-6-6	Cherokee shale 2660
2660-2670	5-4-5-5-7-5-6-7-7-4	
2670-2680	6-5-6-6-8-7-6-7-7-7	
2680-2690	6-7-5-4-5-5-6-7-6-6	
2690-2700	7-6-5-6-5-9-8-3-7-7	
2700-2710	7-6-6-7-7-5-4-4-5-4	
2710-2720	6-8-6-6-7-2-2-2-2-4	Trip 2715
2720-2730	7-4-5-4-6-6-5-4-3-4	
2730-2740	5-4-3-11-7-8-6-5-8	1' corr. 2732 equals 2733
2740-2750	5-6-8-5-5-5-2-4-4-4	
2750-2760	4-3-5-6-5-7-5-5-5-4	Circ. 25 min. 2755
2760-2770	5-5-6-5-7-7-7-4-5-5	SR 2762; Circ. 3/4 hrs 2763
		Circ. 3/4 hrs 2768
		Burgess sand (shaly) 2764
2770-2780	4-5-5-2-3-5-5-7-8-6	SR 2772-73, 77-80; Circulate 1 hr 2774
		Burgess sand (good sand) 2771
2780-2783 T.D.	4-3-5	Circulate 1 hour 2783

(Time Log condensed by Don H. Smith)

INVOICE

15-169-00028-00-00

SOLD BY
E. K. Carey, Contractor
Box 620
McPherson, Kansas

DATE 1-14-52

INVOICE M-263

LEASE Ekstrom

SOLD TO
W. R. White et al - Operator
416 W. Jewell
Salina, Kansas

WELL #1
NW NW NW
Sec. 26-15S-3W
Saline County, Kansas

Register No.	Voucher No.
Terms Approved	Price Approved
Calculations Checked	
Accounting Distrib'n	Audited
Final Approval	

CABLE TOOL WORK ON YOUR ABOVE WELL

- Feb. 4 - Rigging up and starting to swab mud 8 hrs.
- " 5 - Finished swabbing and bailing mud, washed pipe down, cleaning out on top of plugs and drilling up rubber plugs. 8 hrs.
- " 6 - Drill on rubber plugs float and cement, load hole with 250' of water before drilling shoe. Hole was open to bottom, swabbing load out. Bailing from bottom and cleaning up formation. Did not show any oil and no water. 9 hrs.
- " 7 - Checking fillup, no oil or water. Putting in water, pulling swab up and down pipe, showed some mud. Dumped in some water, ran tools for a while, bailed dry showed some mud at first. Dumped in 20 gals. mud acid, swing tools for a while, bailed acid out. Dumped in 20 gals. to let set over night. 9 hrs.
- " 8 - Bailing out acid, no oil or water, washing formation with tools. Put in 150' water, swabbed and bailed hole dry no water. Drilled deeper 2', tested 2 hrs. no oil or water. Shooting formation with Dowell Jet Gun, swabbed load water off and bailed hole dry @ 6:00 P.M. Dowell Perfoget 10 shots 2771 $\frac{1}{2}$ to 2774 $\frac{1}{2}$ and 10 shots 2775 to 2778, calipered hole, shoe 2769 3/4, Rotary T.D. 2778 $\frac{1}{2}$ and Cable Tool T.D. 2780. All measurements from Braden Head top 6.30' below K. B. 10 hrs.
- " 9 - Checking fillup, no oil or water. Drilling deeper 2784 $\frac{1}{2}$ to 2793, hole full water @ 2785-2788. 8 hrs.
- " 10 - Drilling deeper 2793 to 2807. 9 hrs.
- " 11 - Ran bailer to top of water, no oil, went to bottom, no oil. Drilled deeper 2807-2817. 8 hrs.
- " 12 - Tearing down. 4 hrs

Total 71 hrs.

© \$10.00 per hour or

\$710.00

15-169-00028-00-00

Invoice No. M-263
February 14, 1952

W. R. White et al

Page No. 2

Brought Forward \$710.00

TRUCKING CHARGES MOVING AND SETTING IN CABLE TOOLS & SWAB TANK:

Feb. 4 - Truck #15 Moving in Cable Tools	\$30.25	
" 4 - Truck #10 " " "	26.00	
" 2 - Truck #15 Moving in Swab Tank	22.20	
" 4 - Truck #15 Moving in Cable Tools	28.75	107.20

EXTRA LABOR: Moving and setting in:

Feb. 4 - 1 Driller 3 hrs. @ \$2.00 per hr. or	\$6.00	
1 Tool Dresser 3 hrs. @ \$1.75 per hr. or	5.25	
	\$11.25	
Tax and Insurance on Labor	.73	11.98

MATERIAL FURNISHED:

3 - 5 1/2" Guiberson GW Swab Cups @ \$10.20 or	\$30.60	
Sales Tax	.61	31.21

Total \$860.39

15-164-00028-00-00

February 9, 1952

GEOLOGIC REPORT

W. R. White et al
No. 1 Ekstrom
NW NW SW Sec. 26-15S-2W
Wildcat
Saline County, Kansas

Elevation: 1339 Rotary Bushing
1336 Derrick floor
Contractor: F. K. Casey, Contractor
Spud: 1-17-52; Completed 1-22-52
8-5/8" csg = 126'; 5" csg = 2775'

The #1 Ekstrom was drilled with rotary tools to 2783', Total Depth. Ten-foot samples were saved from 2100 to 2700 and 5-foot samples from 2700 to Total Depth. All samples were examined with a microscop and drilling was observed from approximately 2710' to Total Depth.

FORMATION TOPS, OIL SEEVINGS & RELATED DATA

Included below are descriptions of all porous, oil-stained or otherwise significant lithologic zones. All measurements are based on the top of the Rotary Bushing.

Formation Tops & Notable Zones (*Denotes oil stained.)	Depth below Surface	Depth below Sea Level	Remarks
LANSING	2137	-793	
Gray lime, finely oolitic in part with slight porosity	2156-62		
Green finely crystalline to micaceous partly fossiliferous lime with traces oolites - scattered slight pin point porosity	2235-46		
KANSAS CITY	2300	-961	
Green to white partly oolitic lime, traces slight porosity	2355-62		
Light gray, gray and some cream to tan partly oolitic to vugular lime, traces slight to fair porosity	2399-2210		
BASE KANSAS CITY	2458	-1119	
Gray to brown medium-fine crystalline fossiliferous lime, traces slight porosity	2478-85		Circulate 25 min. at 2755'
CHEROKEE SHALE	2660	-1321	Circulate 3/4 hr at 2763
BURGESS SAND (Shaly)	2764	-1425	Circ. 3/4 hr 2768

15-169-00028-00-00

February 9, 1952

TIME LOG

W. A. White et al
No. 1 Ekstrom
NW 1/4 Sec. 26-158-2W
Wildcat
Saline County, Kansas

Elevation: 1339 Rotary Bushing
1336 Derrick Floor
Contractor: E. K. Carey, Contractor
Spud: 1-17-52; Completed 1-24-52
8-5/8" cas 126'; 5-1/2" cas 2775'

Note: All measurements are from the top of the Rotary Bushing
1-foot drilling time from 2100 to Total Depth

Depth	Time	Remarks
2100-2110	4-5-3-4-1-2-3-4-3-4	
2110-2120	3-3-4-3-4-4-3-4-3-3	
2120-2130	4-3-4-3-4-4-4-5-4-4	
2130-2140	4-4-4-4-4-4-3-5-6-6	Lansing 2137
2140-2150	6-5-8-7-7-9-4-4-6-4	
2150-2160	7-8-6-7-8-5-4-4-3-3	
2160-2170	3-4-6-8-5-5-5-6-4-3	
2170-2180	4-7-5-3-3-3-3-3-5-3	
2180-2190	8-10-9-8-9-9-8-3-4-4	
2190-2200	4-5-9-9-10-3-3-3-4-5	Trip 2195
2200-2210	3-4-5-3-4-3-2-5-5-3	
2210-2220	7-4-3-3-4-5-5-6-4-5	
2220-2230	6-3-5-3-4-1-1-3-3-4	
2230-2240	4-4-3-4-3-1-1-1-1-2	
2240-2250	2-3-3-2-1-1-4-4-5-5	
2250-2260	3-4-5-6-6-5-5-8-3-3	
2260-2270	5-5-6-5-5-5-5-5-5-5	
2270-2280	5-5-5-5-5-3-5-4-3-3	
2280-2290	4-3-3-3-4-4-6-6-5-5	
2290-2300	2-5-5-7-7-3-3-3-4-3	Kansas City 2300
2300-2310	5-11-3-6-4-5-3-5-4-4	
2310-2320	5-5-7-4-7-4-4-5-7-6	
2320-2330	4-7-3-7-6-6-6-5-6-6	
2330-2340	7-8-3-3-3-3-7-7-7-7	
2340-2350	7-6-3-7-7-5-5-6-6-3	
2350-2360	3-5-3-3-5-3-3-1-2-2	
2360-2370	2-2-2-3-3-3-2-1-1-1	
2370-2380	2-3-5-6-3-3-7-6-6-5	
2380-2390	5-3-3-4-5-4-4-5-7-9	
2390-2400	9-7-4-4-3-1-3-3-3-4	
2400-2410	6-5-1-6-5-4-5-4-5-6	
2410-2420	7-6-7-9-7-7-8-8-9-10	
2420-2430	5-3-3-9-12-5-5-6-3-7	
2430-2440	5-8-5-5-6-5-6-7-7-7	
2440-2450	10-10-10-3-9-6-4-5-6-9	
2450-2460	6-5-4-4-9-12-10-10-4-6	Base Kansas City 2458 Trip 2460

Page #2, Geologic Report
W. R. White et al #1 Easton
NW NE Sec. 15-158-2W
Saline Co., Kansas

Streaks light gray to white fine tight liny
sand or very siliceous sandy lime, some gray
phosphatic partly quartzose fine tight sand;
some green fine tight sand & green sandy hard
shale; interbedded vari-colored shales 2764-71

BURGESS SAND (Good sand) 2771 -1437

Light buff to white coarse-grained sub-angular
calcareous tight sand; traces coarse-grained
tight sand in pyrite matrix; streaks vari-
colored shale (? cave) 2771-79 Circulate 1 hr 2774

*White coarse to medium-grained calcareous sand,
considerable number of places with fair porosity
and fair to good shows of dark free oil; traces
light gray to white opaque to devitrified chert
in sand 2779-83 Circulate 1 hr 2723'

TOTAL DEPTH 2783 -1444

1/2" casing cemented 2775 -1436

PRODUCTION POSSIBILITIES

On the basis of the fair to good shows of free oil encountered in
the Burgess sand it was the writer's recommendation that the formation be
tested. It was decided that casing should be run for this purpose and that in
the event the Burgess was found non-productive the well should be deepened to
test the upper part of the "Mississippi Lime".

The Burgess sand is considered to have a fair chance for production.
One fact in favor of possible production is that this sand does not always have
to be unusually high structurally to produce. The reason for this is that the
Burgess often occurs in isolated patches or lenses which do not have a strong
water drive as in a blanket sand. Commercial quantities of oil have accumulated
in some of these isolated sand traps when sufficient porosity is present. The
Cherokee shale forms the necessary impervious nucleus above and adjacent to the
sand bodies to prevent the oil from seeping.

The production possibilities of the "Mississippi Lime" will be determined
in part by the depth at which the top is encountered. The depth of the latter
is in turn dependent upon the thickness of the Burgess sand which in the dry
well in the NW NE SE Sec. 15-158-2W was 32 feet. If anywhere near this thickness
of sand were found in the #1 Easton the Mississippiian would almost certainly be too
low to produce. The present total depth of -1444 in the #1 Easton is 10 feet
lower than the top of the Mississippiian in the Loren Haller #1 Pevsberg,
SE SE 1/4 Sec. 14 which recently tested water in the latter formation. However,
it is only 4 feet lower than the Mississippi top in the producing well in the
C SE NE NE Sec. 15-158-2W.

Page 73, Geologic Report
V. R. White et al #1 Ekstrom
NW 1/4 - NW Sec. 26-15B-2W
Saline Co., Kansas

STRUCTURAL COMPARISONS

The Burgess sand in the #1 Ekstrom is 1 foot higher than in the Loren Hallen #1 Forsberg, SE SE NW Sec. 14, which had 1 foot of tight sand with no oil show. It is 11 feet higher than the Burgess sand producer in the SW NW NW Sec. 14 which, however, is productive from the upper 2' of the sand. It is 7 feet higher on the same than the dry well in the NE NE SE Sec. 15 which encountered a show of oil in the subject formation. No testing was attempted in that well.

The old dry hole in the SE cor. of Sec. 26 reported no Burgess sand. However, the upper 10 feet of the so-called "Mississippi Lime" was described as sandy lime which might actually have been Burgess sand. The top of this sandy section is -1435 which, if actually Burgess, is 3' lower than that formation in #1 Ekstrom. If the sandy section is actually "Mississippi Lime" as reported, then the top of this formation is 9 feet higher than the rotary total depth of #1 Ekstrom which is still in Burgess sand.

Yours very truly,

Don H. Smith

DHS:RMS