

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

WELL PLUGGING RECORD

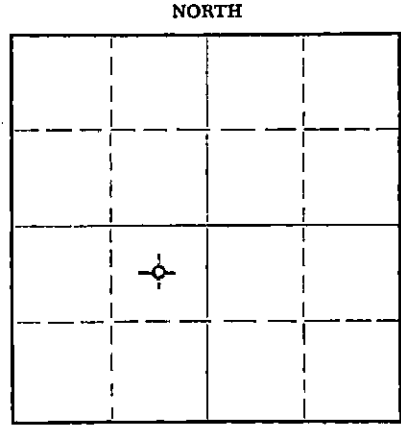
Seward County, Sec. 36 Twp. 34 Rge. XX (E) W (W)
32W
Location as "NE/CNW%SW%" or footage from lines C NE SW

Lease Owner Panhandle Eastern Pipe Line Company
Lease Name Wood Well No. 1
Office Address 117 East 11th, Liberal, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dual - oil and gas
Date well completed August 10, 1953
Application for plugging filed August 21, 1967
Application for plugging approved August 22, 1967
Plugging commenced September 1, 1967
Plugging completed September 7, 1967

Reason for abandonment of well or producing formation upper oil zone was depleted in March, 1957; Lower gas zone turned to water

If a producing well is abandoned, date of last production June 13 1967

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well E. Eves, Sublette, Kansas

Producing formation Lansing and Morrow Depth to top 5103 Bottom 5115 Total Depth of Well 6605 Feet
Show depth and thickness of all water, oil and gas formations. 6053 6058

OIL, GAS OR WATER RECORDS				CASING RECORD		
FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Lansing	oil & water	5103	5115	13-3/8	652	0
Lower Morrow	gas & water	6053	6058	9-5/8	2599	171
				5-1/2	6149	2720

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.

Pumped 25 sacks cement down 5-1/2" production string followed by a rubber plug, 20 barrels mud, 25 sacks cement and a second rubber plug. Pressure jumped to 2000# when first plug hit packer at 6037'. Second plug at 4900'. Shot 5-1/2" pipe at 4356, 4153, 3402, 3018, and loose at 2720'. Laid down 86 joints or 2720' of 5-1/2" casing. Recovered 4 joints or 171' of 9-5/8" casing. Spotted 50 sacks cement at 191' to 120', mud to 30' and 25 sacks cement at 30' to 12'. Cut surface pipe and welded on cap at 12'.

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SEP 20 1967

CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Sargent's Casing Pulling Service
Address Box 506, Liberal, Kansas 67901

STATE OF Kansas COUNTY OF Seward, ss.
Jack P. Phillippe, Manager, Drlg. & Prod. (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) Jack P. Phillippe
Jack P. Phillippe, Manager, Drlg. & Prod.
P. O. Box 828, Liberal, Kansas 67901
(Address)

SUBSCRIBED AND SWORN TO before me this 19th day of September, 1967

My commission expires September 13, 1970

Joan Taylor
JOAN TAYLOR
Notary Public.

15-125-10191-0000

RICHARD E. ROBY

Geologist

PHONE 62-5670
3009 RANGE ROAD
WICHITA, KANSAS

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AUG 22 1967

Lanskan Co. Inc. #1 Wood
C NE SW, Sec. 36-54S-32W
Seward County, Kansas

CONSERVATION DIVISION
Wichita, Kansas

DETAILED SAMPLE ANALYSIS

<u>Depth</u>	<u>Formation Lithology</u>
2500 - 2535	Anhydrite, gray dense interbedded with red and brown shale
<u>Hollandborg 2535</u>	
2535 - 2555	Dolomite, gray-buff, impure, anhydritic, broken
2555 - 2570	Shale, red and brown anhydritic
2570 - 2580	Dolomite, gray-buff, impure
2580 - 2592	Shale, red and brown anhydritic
<u>Herrington 2592</u>	
2592 - 2647	Dolomite, gray-buff-tan, sucrose, slightly cherty, phenocrysts, interbedded red and brown anhydritic shale
2647 - 2654	Shale, red and brown
<u>Kridger 2654 Schlumberger</u>	
2655 - 2719	Samples worthless
2719 - 2734	Shale, red and brown
<u>Winfield 2734</u>	
2734 - 2778	Dolomite, gray-buff, sucrose to fine crystalline, slightly mottles, cherty
2778 - 2792	Shale, red and brown
<u>Ft. Riley 2792</u>	
2792 - 2857	Dolomite, gray-buff, fine crystalline, slightly mottled and limey
2857 - 2902	Dolomite, gray-buff, and light brown, sucrose to fine crystalline, slightly porous, limey
2902 - 2908	Shale, gray and brown
2908 - 2918	Dolomite, same as above
2918 - 2944	Shale, gray-brown and red
<u>Florence 2944</u>	
2944 - 3000	Limestone, gray-buff, fine crystalline, cherty, slightly dolomitic
3000 - 4300	Skip. Samples are worthless. (Dirty and carelessly labled)
4300 - 4344	Shale, dominantly gray, limey in part
4344 - 4357	Limestone, dirty gray-brown, fine crystalline, shaley
4357 - 4368	Shale, gray
4368 - 4390	Limestone, buff-brown, fine crystalline, interbedded with gray and dark gray shale
4390 - 4408	Shale, gray
<u>Lansing-Kansas City 4408</u>	
4408 - 4435	Limestone, tan-buff, fine crystalline, fossiliferous, slight oocastic porosity in part.
4435 - 4457	Shale, gray with streaks limestone as above.
4457 - 4466	Limestone, buff, sucrose to fine crystalline, slightly porous and slightly cherty, dolomitic.
4466 - 4469	Shale, gray
4469 - 4482	Sandstone, gray fine grained, calcareous, very limey at base
4482 - 4496	Shale, gray and dark gray limey
4496 - 4522	Limestone, gray-buff dense fine crystalline, fossiliferous
4522 - 4534	Shale, gray and dark gray
4534 - 4538	Limestone, gray-buff and brown, dense, fine crystalline, cherty, slightly dolomitic and granular in part.

Depth	Formation Lithology
4593 - 4591	Shale, dark gray
4591 - 4628	Limestone, gray-buff and brown, fine crystalline, slightly cherty
4628 - 4641	Limestone, gray-cream and buff, dense fine crystalline, cherty
4641 - 4644	Shale, gray
4644 - 4658	Dolomite, gray-buff, sucrose to fine crystalline, slightly porous, cherty, limey for most part
4658 - 4671	Limestone, gray-buff, dense fine crystalline, slightly cherty
4671 - 4674	Shale, dark gray
4674 - 4688	Limestone, dirty gray-buff and brown, fine crystalline, very cherty, fossiliferous, slight to fair inter-crystalline porosity
4688 - 4744	Limestone, gray-tan and brown, dense fine crystalline, slightly cherty, fossiliferous, with thin streaks slight porosity.
4744 - 4756	Limestone, same as above but shaley for most part
4756 - 4806	Limestone, cream-gray, fine crystalline, slightly cherty, fair to good Oolitic and Oocastic porosity for most part.
4806 - 4826	Limestone, dirty gray-buff and brown, fine crystalline, fossiliferous, shaley
4826 - 4841	Limestone, cream, fine crystalline, fossiliferous, fair to good Oocastic porosity, very scattered faint oil stain
4841 - 4852	Limestone, gray, dense fine crystalline
4852 - 4855	Shale, gray
4855 - 4880	Limestone, cream-gray, fine crystalline, cherty, dolomitic, slight to fair fossil-cast to vugular type porosity
4880 - 4896	Limestone, light gray, fine crystalline, fair vugular to fossil-cast porosity
4896 - 4899	Shale, gray and dark gray
4899 - 4910	Limestone, dirty gray-buff, dense fine crystalline, cherty
4910 - 4932	Shale, gray and dark gray interbedded with limestone as above.
4932 - 4941	Limestone, dirty gray-buff and brown, dense fine crystalline, slightly cherty
4941 - 4948	Shale, gray and dark gray
4948 - 5016	Limestone, gray-buff, dense fine to medium crystalline, fossiliferous, slightly cherty, streaks of inter-crystalline porosity.
5016 - 5020	Shale, gray
5020 - 5032	Limestone, gray-buff and brown, dense, fine crystalline, cherty
5032 - 5059	Limestone, same as above with good Oocastic porosity and spotty oil stain.
5059 - 5098	Limestone, dirty gray-buff and brown, dense fine crystalline
5098 - 5102	Shale, gray
5102 - 5118	Limestone, gray-cream and buff, fine crystalline, slight Oolitic and Oocastic porosity with some good vugular type porosity, faint oil stain.
5118 - 5123	Shale, gray and dark gray
5123 - 5214	Limestone, gray-cream and buff, top part dense, fine crystalline, good Oocastic porosity and chalky for most part.
5214 - 5220	Limestone, gray, dense, fine crystalline
<u>Top of Dogmolegian 5220</u>	
5220 - 5230	Limestone, gray-buff, fine-medium crystalline, shaley, and limey shale
5230 - 5250	Limestone, gray-buff and brown, dense fine to medium crystalline, fossiliferous (black Oolites) slightly cherty.
5250 - 5274	Shale, gray and dark gray interbedded with shaley limestone as above
<u>Mamaton Limestone 5274</u>	
5274 - 5304	Limestone, gray-cream-tan and light brown, dense fine crystalline, slightly cherty, cherts are gray and bluish gray
5304 - 5322	Limestone, light gray-cream and white, fine crystalline, pin-point opaque to small vugular type porosity, some fossil-cast porosity, faint spotty oil stain.

<u>Depth</u>	<u>Formation Lithology</u>
5322 - 5330	Limestone, gray-cream and buff, dense fine crystalline, cherty
5330 - 5333	Shale, gray and dark gray limy
5333 - 5350	Limestone, cream-gray and buff, fine crystalline, fossiliferous cherty, slightly dolomitic, pin-point porosity
5350 - 5383	Limestone, gray-cream buff, dense fine crystalline, cherty
5383 - 5390	Shale, gray and dark gray
5390 - 5483	Limestone, gray-cream and buff, dense fine crystalline, slightly cherty to cherty, included thin streaks gray and dark gray shale
5483 - 5494	Shale, gray and dark gray
5494 - 5503	Limestone, gray-buff, fine-medium crystalline, slightly cherty
5503 - 5533	Shale, dark gray limy, streaks dirty gray-brown limestone
<u>Cherokee? 5533</u>	
5533 - 5541	Shale, dark gray to black
5541 - 5552	Limestone, gray-buff and brown, dense fine crystalline, cherty
5552 - 5562	Shale, dark gray and black, slightly limy
5562 - 5606	Limestone, same as above interbedded with dark gray shale
5606 - 5654	Shale, dark gray limy
5654 - 5665	Shale, dark gray
5665 - 5684	Limestone, gray-buff and brown, dense fine crystalline, slightly shaley
5684 - 5690	Shale, black
5690 - 5699	Limestone, same as above
5699 - 5758	Shale, dark gray included streaks buff-brown dense fine crystalline limestone
<u>Atoka 5758</u>	
5758 - 5805	Limestone (broken) gray-brown, dense fine crystalline, interbedded with dark gray and black coaly shale.
5805 - 5832	Limestone, same as above but slightly cherty, included dark gray and black shale.
5832 - 5868	Limestone, gray-brown, dense fine crystalline, fossiliferous cherty, included thin streaks dark gray and black shale.
<u>Morrow Em. 5868</u>	
5868 - 5887	Shale, gray and dark gray, some pale green sub-silty pyritic shale
5887 - 5899	Limestone, dirty gray-buff and brown fossiliferous, shaley in part
5899 - 5908	Shale, dark gray
5908 - 5916	Limestone, gray-buff, silty, fine crystalline fossiliferous and shaley
5916 - 5941	Shale, gray and dark gray included streaks gray-brown dense coarsely crystalline fossiliferous limestone.
5941 - 5946	Limestone, gray-tan and brown, dense, coarsely crystalline, crinoidal, slightly glauconitic.
5946 - 5949	Shale, gray and greenish gray
5949 - 5952	Limestone, gray dense micro-crystalline, argillaceous,
5952 - 6008	Shale, gray and dark gray, slightly rotten, calcareous in part
6008 - 6044	Shale, gray and dark gray, slightly silty
6044 - 6049	Limestone, gray, medium to coarse crystalline, highly fossiliferous glauconitic, slightly shaley
6049 - 6054	Shale, gray fossiliferous limy
<u>Morrow Sand 6054</u>	
6054 - 6064	Sandstone, light gray-white, very fine grained, calcareous, slight visual porosity, very faint oil stain in part, glauconitic and phosphatic.
6064 - 6067	Shale, gray, sandy, fossiliferous conglomeratic
<u>Mississippian (Chester) 6067</u>	
6067 - 6081	Limestone, gray-tan and brown dense fine crystalline, fossiliferous (Archimedes)
6081 - 6086	Limestone, same, shaley
6086 - 6110	Shale, gray-dark gray splintery
6110 - 6121	Limestone, gray-buff, fine crystalline, fossiliferous, mealey and shaley.

Depth	Formation Lithology
6121 - 6123	Shale, gray sandy calcareous
6123 - 6166	Limestone, gray-buff and brown, dense fine-medium crystalline, fossiliferous, interbedded gray and dark gray shale. Traces dull gray sub-opaque chert
6166 - 6173	Shale, dark gray
6173 - 6194	Limestone, gray cream and buff, fine-medium crystalline, fossiliferous, shaly in part
6194 - 6239	Shale, gray and dark gray, silty and limy in part
6239 - 6264	Shale, gray dense calcareous, splintery
6264 - 6285	Shale, gray and dark gray
6285 - 6295	Limestone, cream-buff and gray, fine-medium crystalline, fossiliferous, slightly shaly
6295 - 6331	Shale, gray and dark gray, limy at base
6331 - 6350	Limestone, gray-buff and brown, fine to coarse crystalline, silty dolomitic, fossiliferous and shaly
6350 - 6356	Shale, gray
6356 - 6383	Limestone, light gray to light tan, dense fine crystalline, fossiliferous, slightly cherty, included streaks buff sacro dolomite.
6383 - 6395	Shale, dark gray
<u>Sta. Genesieve 6395</u>	
6395 - 6403	Limestone, gray-buff, fine crystalline sandy
6403 - 6406	Shale, gray
6406 - 6421	Limestone and sand, cream-gray fine crystalline sandy limestone and white fine grained calcareous sandstone.
6421 - 6440	Shale, vari-colored sandy
6440 - 6464	Limestone, gray-buff, fine crystalline, sandy
6464 - 6475	Shale, vari-colored
6475 - 6512	Limestone, gray-buff, fine crystalline, sandy, cherty
6512 - 6517	Shale, vari-colored
6517 - 6578	Limestone and sand, gray-buff fine crystalline, sandy limestone and gray calcareous fine grained sandstone included thin shale streaks.
<u>St. Louis 6578</u>	
6578 - 6600	Limestone, gray-cream-buff, dense fine to medium crystalline, fossiliferous, slightly cherty, cherts - orange and pink sub-translucent.
6600 - 6605	Limestone, gray-cream and buff, dense fine - medium crystalline Oolitic (fairly large Oolites).
Total Depth	6605