

15-167-04978-00-00
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

NORTH

	•		
		31	

**Locate well correctly on above
Section Plat**

FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging off formations.

Russell County. Sec. 31 Twp. 14 Rge. 11 #B (W)

Location as "NE¼NW¼SW¼" or footage from lines. SW NE NW

Lease Owner..... Frontier Fuel Oil Co.

Lease Name..... Smith (Short) Well No. 1

Office Address..... Effingham, Ill.

Character of Well (completed as Oil, Gas or Dry Hole)..... Dry hole

Date well completed..... February 23 19. 44

Application for plugging filed..... February 23 19. 44

Application for plugging approved..... February 23 19. 44

Plugging commenced..... February 23 19. 44

Plugging completed..... February 23 19. 44

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 com-
menced? Yes.....

Name of Conservation Agent who supervised plugging of this well..... **C. T. Alexander**

Producing formation..... Depth to top..... Bottom..... Total Depth of Well..... Feet

Show depth and thickness of all water, oil and gas formations.

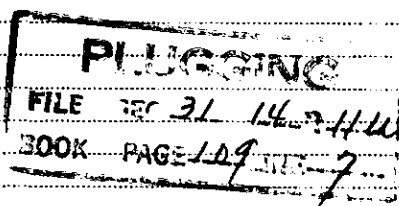
OIL, GAS OR WATER RECORDS

CASING RECORD

[illegible]

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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Hole filled with heavy mud from 3183 to 330 and bridged - cement to 285 - heavy mud to 26 and bridged - cement to 6'



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

Correspondence regarding this well should be addressed to.....
Address.....

STATE OF Kansas, COUNTY OF Sedgwick, ss.
George H. Hannum (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) John H. Cannon
(Drilling Contractor)
1012 Union N. B. Bldg.
(Address)

SUBSCRIBED AND SWORN to before me this 26th day of February 19 44

My commission expires.....December 4, 1944.

Notary Public.

Kingwood Oil Company
ORIGINAL DRILLING, DRY HOLE &
ABANDONMENT RECORD

H. B. Smith #1
 330'N 330'E, SW-NE-NW, Sec. 31-148-11W
 Russell County, Kansas
 Rotary Depth: 3183'
 Elev. 1641' D.B.

Original Authority	PAO-11 (regular)	Completed Well	2-23-44
Original Permit	None required	Final Status	Dry and abandoned
Commenced Drilling	12:00 P.M. 2-9-44	Started Plugging	2-23-44
Completed Drilling	2-23-44	Finished Plugging	2-23-44
Drilling Time	14 days	Plugging affidavit notarized	2-26-44
		Plugging affidavit recorded	2-26-44

Control Point	Depth	Summary of Operations
A - Rotary Tools		
1. Elevations		
(a) drive bushing	0 (1641)	
(b) rotary table	1 (1640)	
(c) derrick floor	2 (1639)	
(d) casing collar	6 (1635)	
2. Surface casing	330 (1311)	Cemented 330' of 8-5/8" O.D. surface casing with 210 sacks cement and 2 sacks calcium chloride. Setting time 34 hours.
3. Markers and prospects		
(a) Dodge	2735 (-1094)	D.S.T. 2898-2904. Tool open 35 minutes; recovered 40' salt water and drilling mud.
(b) Lansing	2795 (-1154)	
(c) Cherty Conglomerate ...	3093 (-1452)	
(d) Arbuckle	3158 (-1517)	
4. Total rotary depth	3183 (-1542)	
5. Plug-back (3183')		
(a) mud (2853')		
(1) bottom	3183 (-1542)	
(2) top	330 (1310)	
(b) cement (45')		
(1) bottom	330 (1310)	
(2) top	285 (1356)	
(c) mud (259')		
(1) bottom	285 (1356)	
(2) top	26 (1615)	
(d) cement (20')		
(1) bottom	26 (1615)	
(2) top	6 (1635)	
(e) mud (6')		
(1) bottom	6 (1635)	
(2) top	surface	

Sample Log

Drilling Time - Minutes										Interval	Description of Sample
1	2	3	4	5	6	7	8	9	0		
										0- 116	sand and surface clay
										116- 145	red rock
										145- 149	iron
										149- 190	blue shale, iron shells
										190- 289	shale and shells

DRILLING
 31 148 11W
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Drilling Time - Minutes										Interval	Description of Sample
1	2	3	4	5	6	7	8	9	0		
										280- 280	sand
										280- 330	shale and red rock
										330- 503	red rock
										503- 545	anhydrite
										545- 875	shale and shells
										875-1225	shale, shells and salt
										1225-1270	shale and shells
										1270-1345	lime
										1345-1600	shale and shells
										1600-1685	lime and shale
										1685-1725	lime
										1725-2005	shale and shells
										2005-2205	shale
										2205-2255	shale and shells
										2255-2325	lime
										2325-2455	shale and shells
										2455-2500	lime
										2500-2510	lime, light tan to gray fossiliferous trace dolomitic siltstone
										2510-2520	dolomitic, shale gray and red
										2520-2540	shale, gray, trace shale red (Probable cave)
										2540-2550	lime, white to gray fossiliferous
										2550-2560	shale gray and red
										2560-2570	lime white, soft, weathered
										2570-2580	shale gray-green and red
										2580-2630	lime white to light tan soft weathered
										2630-2650	lime white to light tan soft weathered, less weathered, trace lime oolitic
										2650-2660	lime light gray, slightly cherty
										2660-2670	lime light gray slightly cherty, dense
										2670-2680	shale gray and red
										2680-2690	lime white to light gray, dense
										2690-2700	lime white to light gray, dense
										2700-2710	lime white to light gray, dense (fusilina fragments)
										2710-2740	shale gray and red trace siltstone gray micaceous (2730-40 trace lime reddish tan very slight staining in limestone)
										2740-2750	lime tan to white fine crystalline (Top Dodge 2735 by Time log)
										2750-2760	lime tan to white fine crystalline, including shale red and gray (Base Dodge 2755)
										2760-2800	shale red & gray (2780-2800 plus siltstone tan very fine micaceous, increase lime light gray to tan fine crystalline) (Top Lansing 2795)
										2800-2810	lime oolitic fair porosity poor permeability (oolitic zone 2788-2806) very slight show oil not commercial)
7	7	6	6	5	5	7	5	6	5	2810-2830	lime dense white (some oolitic lime with oil stain circulating from above). (2820-25 shale gray)
10	8	8	4	8	6	8	6	5	4		
1	1	1	1	2	2	2	3	3	2	2830-2840	lime oolitic white (30 ft. zone in Lansing Top 2831) 2835 circulated one hour, lime oolitic fair to good porosity, no show, probable water
2	3	2	5	10	5	7	6	6	6	2840-2850	lime white dense (Base oolitic zone 2845, oolitic lime circulating)

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Drilling Time - Minutes										Interval	Description of Sample
1	2	3	4	5	6	7	8	9	0		
4	6	4	7	10	10	6	6	6	10	2850-2865	lime, gray to white, (2860-65 lime slightly oolitic poor porosity) 60 ft. zone
12	13	10	8	7		9	13	9	9	2865-2870	lime gray to white (60 ft. zone, poorly developed, only 4 ft.)
4	5	5	5	5						2870-2875	lime gray to white
8	8	9	9	8	10	4	4	4	4	2875-2885	lime light gray, dense
					4	3	8	11	13	2885-2890	lime, light gray dense, slightly cherty
10	14	9	4	7						2890-2895	lime, light gray dense
					10	9	5	2	1	2895-2900	lime light gray dense, trace lime oolitic with show of oil
1	$\frac{1}{2}$									2900-2902	lime oolitic, fair porosity and permeability, slight show oil
		1	1							2902-2904	lime oolitic, fair porosity and permeability slight show oil (Top oolitic zone 2899) This zone known as soft zone. Ran drill stem test, set packer at 2898, recovered 40 ft. salt water. Packer open 35 minutes.
				1	1	1	1	1	1	2904-2915	lime oolitic, fair porosity and permeability, slight show oil
1	5	3	1	1		2	8	6	6	2915-2925	lime oolitic, fair porosity and permeability, no oil show, definitely carrying water.
8	10	10	10	10		10	12	13	9	2925-2950	lime, white to light gray, dense (oolitic lime circulating).
10	11	4	7	8	8	9	7	5	6		
5	6	6	7	9	6	9	9	6	6		
9	10	9	10	10						2950-2955	lime, dark gray dense
					10	6	12	12	8	2955-2985	lime white dense
12	9	10	12	10	10	5	5	5	8		
7	10	11	9	8	12	11	7	8	3		
5	7	10	10	8	10	7	2	2	2		
3	2	2	8	6							
					6	9	12	14	14	2985-3000	lime white dense, increase shale red and gray
13	10	11	11	11	12	11	13	12	11	3000-3020	lime white dense to gray
14	6	7	5	6	6	5	5	6	6		
10	7	7	5	5						3020-3025	shale, gray, green and red
					6	11	10	16	11	3025-3060	lime, white to light gray dense (3050-60 including shale gray)
15	13	9	10	10	10	12	11	11	13		
8	5	4	11	8	6	6	4	7	11		
13	12	18	12	10	8	12	13	12	20		
23	38	14	7	7						3060-3065	shale gray with lime red and white
					7	7	5	2	2	3065-3080	shale, silty limestone, gray (Base of Kansas City 3082)
2	4	3	5	5	6	7	5	6	5	3080-3085	limestone, tan, soft (Marnaton).
4	6	6	5	5						3085-3090	shales gray, red
4	4	3	5	5	4	5	5	7	6	3090-3105	trace chert various colored (Top cherty Conglomerate 3093).
8	5	5	6	6						3105-3120	cherts discolored shales, red and gray-green
					5	5	4	5	4		
3	3	5	8	5	6	9	7	8	6	3120-3130	shales, red, gray, gray-green, cherts discolored, lime red, trace sand
4	10	7	7	8	2	2	2	5	6		
9	7	11	11	9						3130-3135	cherts various colored
					11	10	8	12	11	3135-3140	cherts various colored, included shale red.
8	9	10	8	13	4	2	3	4	6	3140-3155	chert, white to yellow to red
3	5	6	7	7							
					7	5	8			3155-3158	trace dolomite, medium crystalline, fair porosity and permeability, no show. (Top Arbuckle 3158, 1519.)
									8	3158-3163	dolomite, medium crystalline, fair to good porosity, no show
7	8	7	8	8	9	8	10	8	8		
10	11	7	10	10	11	7	7	9	8		
9	7	9									

EFFINGHAM COUNTY }
 EFFINGHAM, ILLINOIS } ss

I, B. E. Curran, Chief Petroleum Engineer for the Kingwood Oil Company, do hereby swear or affirm that the above is a true and correct log of the above described well to the best of my knowledge and belief.

By: B. E. Curran
 B. E. CURRAN
 Chief Petroleum Engineer

Given under my hand and Official Seal, this 6 day of
March, 1944.

Martha Wendelmeyer
 Notary Public

My Commission Expires June 23, 1945.

3) 1421142
 109 7

COMPANY: Kingwood Oil Co.
 CONTRACTOR: George H. Hannum
 FARM: Smith #1

LOCATION: SW NE NW 31-14-11
 Russell, County,
 Kansas.

COMMENCED: February 8, 1944.
 COMPLETED: February 23, 1944.

CASING RECORD:
 330' of 8 5/8" casing
 cemented with 210 sack cement

ELEVATION: 1639
 PRODUCTION:

FORMATION	DEPTH	FORMATION	DEPTH
Sand & surface clay	116	Shale & shells	2105
Red rock	145	Shale	2205
Iron	149	Shale & shells	2265
Blue shale & Iron shells	190	Lime	2325
Shale & shells	260	Shale & shells	2498
Sand	280	Lime	2545
Shale & red rock	330	Lime & shale breaks	2675
Red rock	503	Lime	2745
Anhydrite	515	Lime	3060
Shale, shells & salt	1225	Lime & shale	3085
Shale & shells	1270	Shale	3093
Lime	1345	Conglomerate	3158
Shale & shells	1600	Arbuckle Lime	3175
Lime & shale	1685	Lime	3183
Lime	1725	TOTAL DEPTH ROTARY MEASURE	3183'

Top Arbuckle Lime (DFM) 3158

I hereby certify this to be a correct and accurate log of the above described well as shown by the drilling reports.

George H. Hannum

Subscribed and sworn to before me this 26th day of February, 1944.

Harwell Wright
 Notary Public

My commission expires 12-4-44.

