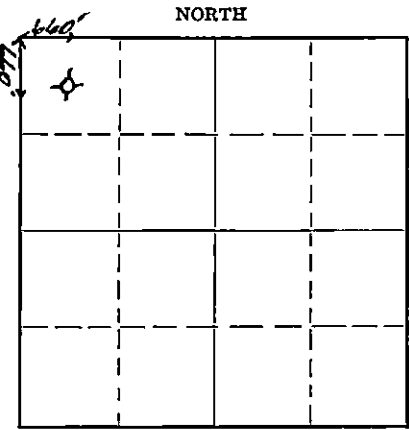


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Meade County, Sec. 15 Twp. 34 Rge. 30 (E) (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines 660' From N & 660' From W. Line
Lease Owner Columbian Fuel Corp
Lease Name A.W. Adams Well No. 1-E
Office Address Box 994 Liberal, Ks
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed Drig 7-9-51 Testing 9-1-51 19
Application for plugging filed 9-1-51 19
Application for plugging approved 9-4-51 19
Plugging commenced 10-2-51 19
Plugging completed 10-16-51 19
Reason for abandonment of well or producing formation Non Productive



Locate well correctly on above Section Plot

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 R.J. Phillippe
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 6270' 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
<u>Morrow Sand</u>	<u>Oil & Gas Show</u>	<u>5880'</u>	<u>5998'</u>	<u>5 1/2"</u>	<u>5868'</u>	<u>3296'</u>
<u>Sand</u>	<u>Water</u>	<u>0</u>	<u>610</u>	<u>9 5/8"</u> <u>13 3/8"</u>	<u>2662'</u> <u>655'</u>	<u>548' 6"</u> <u>None</u>

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.

6006'-6270' Plugged W/Cement ..Pumped
 5873'-6006' Plugged W/Cement..Pumped
 4700'-5873' Plugged W/Cement..Pumped
 300 - 4700' Plugged W/ Rotary Mud ..Pumped
 290-300' Plugged W/Crushed Rock..Dumped
 225-290' Plugged W/35 Sacks Cement ..Dumped
 15' - 225' Plugged W/Rotary Mud ..Dumped
 7' - 15' Plugged W/ Crushed Rock
 0' - 7' Plugged W/8 Sacks Cement To Top Of 13 3/8" Surface Casing

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

Correspondence regarding this well should be addressed to Columbian Fuel Corp..Box 994..Liberal, Kansas
Address _____

STATE OF Kansas, COUNTY OF Seward, ss.
Robert Grady (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) Robert Grady
Box 994..Liberal, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 18th day of October, 1951

My commission expires June 4, 1955

Wallace B. Pedigo
STATE CORPORATION COMMISSION Notary Public.

OCT 20 1951

CONSERVATION DIVISION
Wichita, Kansas

PLUGGING
FILE SEC 15 T 34 R 302
BOOK PAGE 107 LINE 3

LOG OF WELL

CODE GW 2001 Columbian Fuel Corporation SHEET #1
(COMPANY)
 STATE Kansas DISTRICT #76 COUNTY Meade
 LEASE A. W. Adams WELL NO. #1-E SEC. 15 TWP. 34 R. 30
 DATE OF LOG 9-10-51 LOCATION IN SEC. C. of NW 1/4 of NW 1/4
 LOCATION MADE 5-15-51 COMM. RIGGING UP 5-20-51 COMM. DRILLING 5-23-51 COMP. DRILLING 7-9-51
 TOTAL DEPTH 6270' ELEVATION 2680' STATE PERMIT NO. _____
 DAY DRILLER Abe Hillsberry NIGHT DRILLER L. O. Thompson CONTRACTOR Helmerich & Payne
 CABLE TOOLS FROM _____ TO _____ ROTARY TOOLS FROM 0 TO 6270'
 OPEN FLOW CAPACITY ----- M. CU. FT. ROCK PRESSURE ----- GASOLINE CONTENT PER M. CU. FT. _____
 DEPTH IN SAND _____ PRODUCING SANDS AND THICKNESS OF EACH _____
 PRODUCTION FIRST 24 HOURS _____ SETTLED PRODUCTION _____ STARTED PRODUCTION _____
 DATE TUBED _____ SYPHON SET _____ SIZE _____ FEET _____

CASING RECORD

SIZE	WEIGHT	PUT IN WELL		PULLED OUT		LEFT IN WELL		SHOES		PACKERS		
		FEET	IN.	FEET	IN.	FEET	IN.	LENGTH	MAKE	KIND	LENGTH	SET AT
19 3/8"	36#	640'				640'			None			
9 5/8"	36#	1062'		188'		874'						
9 5/8"	25.4#	1600'		360'		1240'						
5 1/2"	15.5#	5868'		3296'		2572'			Guide Shoe -	Float Collar -	300 SX.	

LINER: STATE SIZE AND WEIGHT _____ WHERE SET _____ FT. AND INS. BLANK _____ FT. AND INS. PERFORATED _____
 HOW PUT TOGETHER _____ COUPLING _____ FLUSH-JOINT _____ INSERTED _____
 REMARKS _____

EQUIPMENT RECORD

TUBING				SUCKER RODS			PUMPING OUTFIT	
SIZE	WEIGHT	FEET	IN.	FEET	IN.	SIZE AND KIND	DESCRIPTION, KIND, SIZE, ETC.	

KIND OF SHOT Perfo - Jet SIZE OF SHOT QUARTS _____ NUMBER OF SHOTS 60
 NUMBER OF SHELLS 2 SIZE OF SHELLS _____ INCHES, DIAMETER _____
 LENGTH OF SHELLS 5998' FT. (1st.) INS. SHOT FURNISHED BY _____ TOP OF SHOT 5980' (1st.)
5880' (2nd.)
 BOTTOM OF SHOT 5900' (2nd.) ANCHOR _____ WELL BRIDGED TO _____
 PRODUCTION BEFORE SHOT Nil PRODUCTION AFTER SHOT Nil
 NAME OF SHOOTER Boughten SHOT INSPECTED Grady BY _____
(COMPANY EMPLOYEE)
 COMMENCED DRILLING DEEPER _____ COMPLETED DRILLING DEEPER _____
 TOTAL DEPTH _____ PRODUCTION FIRST 24 HOURS _____ SETTLED PRODUCTION _____
 OCT 26 1951

REMARKS: Perfs. 588' - 5900' Acidized W/3500 Gals Reg Acid followed by strata - lift, W/1500 gals jet Acid followed W/4000 gals Reg Acid, No increase.
Dry Hole - Plugged By C.F.C. Using Halliburton & J. R. Barnes & Sons, Contractors in accordance W/Regulations of State Corp. Comm - Completed 10-16-51

NOTE: IF WELL WAS DRY, STATE UNDER REMARKS WHEN, HOW, AND BY WHOM PLUGGED.
 STATE UNDER REMARKS ANYTHING OF INTEREST NOT COVERED IN LOG.
 IF SPACE PROVIDED FOR REMARKS IS NOT SUFFICIENT WRITE ON BOTTOM OF LAST SHEET OF LOG.

A. W. Adams "E" No. 1 Well
NW NW Section 15-34S-30W
Meade County, Kansas
Columbian Fuel Corporation

Commenced: May 23, 1951
 Completed: July 9, 1951

Sand	0	610	Lime & Shale	3450	3465
Redbed	610	650	Lime	3465	3526
Redbed & Shale	650	689	Lime & Shale	3526	3578
Redbed	689	958	Lime	3578	3581
Redbed & Sand	958	1100	Lime & Shale	3581	3728
Redbed	1100	1168	Sandy Lime & Shale	3728	3740
Redbed & Gyp	1168	1199	Lime & Shale	3740	3911
Redbed, Lime, & Gyp	1199	1235	Shale	3911	4103
Redbed	1235	1290	Brown Lime	4103	4114
Redbed, Gyp, Lime Shells	1290	1319	Shale	4114	4247
Sandy Redbed, Gyp, & Lime Shells	1319	1400	Shale & Brown Lime	4247	4260
Redbed & Lime Shells	1400	1501	Shale & Lime Streaks	4260	4288
Lime Shells & Anhydrite	1501	1517	Lime & Shale	4288	4392
Anhydrite, Lime & Shells	1517	1556	Shale	4392	4430
Anhydrite, Lime & Shale	1556	1611	Shale & Lime	4430	4474
Anhydrite, Lime Shells	1611	1686	Sandy Shale & Lime	4474	4496
Anhydrite & Shale	1686	1695	Sandy Lime & Shale	4496	4522
Shale, Anhydrite & Gumbo	1695	1718	Lime & Shale	4522	4737
Shale & Anhydrite	1718	1749	Lime, Shale & trace Chert	4737	4749
Anhydrite & Green Shale	1749	1756	Lime & Shale (sandy)	4749	4789
Shale & Anhydrite	1756	1779	Lime & Shale	4789	4824
Shale & Anhydrite	1779	1930	Cherty Lime & Shale	4824	4850
Anhydrite, Cherty Lime & Shale	1930	1961	Lime & Shale	4850	4965
Shale & Anhydrite	1961	1965	Lime	4965	4968
Anhydrite, Shale, Salt & Lime Shells	1965	1991	Lime & Shale	4968	5151
Shale, Anhydrite & Lime Shells	1991	2008	Lime - soft	5151	5156
Anhydrite, Lime & Shale	2008	2204	Lime (Honeycomb) Sandy	5156	5171
Shale, Anhydrite & Lime Shells	2204	2298	Lime	5171	5189
Shale, Anhydrite & Lime	2298	2362	Lime (soft porous)	5189	5196
Anhydrite, Shale & Lime Shells	2362	2370	Lime	5196	5221
Anhydrite, Lime & Shale	2370	2543	Lime & Shale	5221	5361
Anhydrite & Lime	2543	2618	Cherty Dolomite	5361	5393
Shale, Anhydrite & Lime	2618	2691	Lime & Shale	5393	5439
Lime	2691	2698	Lime	5439	5455
Lime & Shale	2698	2809	Lime & Shale	5455	5468
Lime, Shale & Anhydrite	2809	2817	Lime	5468	5482
Lime & Anhydrite	2817	2836	Lime & Shale	5482	5681
Lime	2836	2945	Shale & Lime Shells	5681	5710
Lime, Shale & some Anhydrite	2945	2994	Shale	5710	5714
Sandy Lime	2994	3001	Shale & Lime	5714	5774
Lime & Shale	3001	3077	Shale & Lime Shells	5774	5800
Lime	3077	3089	Shale & Lime	5800	5868
Cherty Lime & Shale	3089	3124	Shale & Shells	5868	5883
Lime	3124	3200	Sand	5883	5899
Lime & Shale	3200	3240	Shale & Sand	5899	5920
Lime	3240	3450	Sandy Lime & Shale	5920	5958
			Shale & Lime	5958	6025
			Limey Sand & Shale	6025	6054
			Lime & Shale	6054	6270
			TOTAL DEPTH	6270	

CASING RECORD

Set 13-3/8" Casing @ 655' w/500 sacks
 Set 9-5/8" Casing @ 2662 w/1000 sacks
 Set 5-1/2" Casing @ 5862 w/300 sacks

STATE OF OKLAHOMA)

CITY OF TULSA)

I hereby affirm that the above and foregoing is a true and correct copy of the log of your A. W. Adams "E" No. 1 Well, located in the Northwest Quarter of the Northwest Quarter of Section 15, Township 34 South, Range 30 West, Meade County, Kansas.

FILED SEC 15, 34S, 30W
 BOOK PAGE 107 LINE 3

HELMERICH & PAYNE, INC.

By [Signature]
 Vice-President

Subscribed and sworn to before me a Notary Public, this 20th day of July, 1951.

[Signature]
 Notary Public

My Commission expires March 13, 1954.