

Company- COLUMBIAN FUEL CORP.
 Farm- Frank Armentrout "B" No. 1

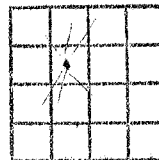
SEC. 15 T. 33 R. 30W

CSE NW

1980' fr NL & 1980' fr WL

Total Depth. 5840 PB 5753
 Comm. 7-20-53 Comp. 8-21-53
 Shot or Treated.
 Contractor. Helmerich & Payne Inc.
 Issued. 11-14-53

County Meade
 KANSAS



Elevation. 2721.41 Gr.

Production. 15,250,000 Gas

CASING:

13 3/8" 652' cem. w/500 sx
 9 5/8" 2674' cem. w/1000 sx
 5 1/2" 5837' cem. w/400 sx

Figures Indicate Bottom of Formations.

sand & shells	406
sand, shells & shale	580
red bed	706
sand, shells, & redbed	1147
red bed & shells	1170
sand, shells & shale	1650
shells & shale	1940
red bed, shale & lime	2090
anhydrite & shale	2424
anhydrite	2557
anhydrite & shale	2690
lime	2970
lime (Cherty)	3028
lime	3097
lime, shale	3233
lime	3739
lime & shale	3854
lime	4043
shale	4084
shale & lime	4212
cherty lime brkn & shale	4257
shale & lime	4566
cherty lime & shale	4612
lime & shale	4717
lime broken & shale	4755
lime & shale	4847
cherty lime & shale	4892
lime & shale	4932
lime	4978
lime & shale	5013
shale	5032
lime & shale	5126
shale	5129
lime & shale	5211
lime	5275
lime & shale	5734
lime	5794
lime & shale	5840
Total Depth	

PB 5753

Scout Tops:
 Anhydrite 1475
 Herington 2665
 Krider 2733
 Winfield 2785
 Morrow 5691
 Chester 5748
 Chester 5774 ?

2 3/8" Tubing 5690

Producing sands & thickness of
 each 5720-30 & 5736-46

Plug Back T.D. 5753' Rock press
 1431# 15,250 MCF gas per day
 Thru Perforations 5720-30 &
 5736-46

PI

15-33-30W
State Geological Survey
WICHITA BRANCH

LOG OF WELL

CODE GW 2047 Columbian Fuel Corporation SHEET _____
 (COMPANY)
 STATE Kansas DISTRICT 72 COUNTY Meade
 LEASE Frank Armentrout WELL NO. 1-B SEC. 15 TWP. 33 R. 30 W
 DATE OF LOG 10-12-53 LOCATION IN SEC. 1980' From North & 1980' From West Lines.
 LOCATION MADE 7-7-53 COMM. RIGGING UP 7-19-53 COMM. DRILLING 7-20-53 COMP. DRILLING 8-21-53
 TOTAL DEPTH 5840' ELEVATION 2721.4' Ground STATE PERMIT NO. _____
 DAY DRILLER Abe Hillaberry NIGHT DRILLER J.W. Gardiner CONTRACTOR Helmerich & Payne Inc.
 CABLE TOOLS FROM _____ TO _____ ROTARY TOOLS FROM _____ TO 5840'
 OPEN FLOW CAPACITY 15,250 M. CU. FT. ROCK PRESSURE 1431# GASOLINE CONTENT PER M. CU. FT. _____
 DEPTH IN SAND Thru PRODUCING SANDS AND THICKNESS OF EACH 5720-30' & 5736-46'
 PRODUCTION FIRST 24 HOURS _____ SETTLED PRODUCTION _____ STARTED PRODUCTION _____
 DATE TUBED 9-15-53 SYPHON SET _____ SIZE _____ FEET _____

CASING RECORD

	WEIGHT	PUT IN WELL		PULLED OUT		LEFT IN WELL		SHOES		PACKERS		
		FEET	IN.	FEET	IN.	FEET	IN.	LENGTH	MAKE	KIND	LENGTH	SET AT
13 3/8"	48#	651.67'				651.67'						
9 5/8"	36#	2694.23'				2694.23'						
5 1/2"	15.5#	5837'				5837'						

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.	
2 3/8"	4.7#	5690'						

KIND OF SHOT _____ SIZE OF SHOT QUARTS _____ NUMBER OF SHOTS _____
 NUMBER OF SHELLS _____ SIZE OF SHELLS _____ INCHES, DIAMETER _____
 LENGTH OF SHELLS _____ FT. _____ INS. SHOT FURNISHED BY _____ TOP OF SHOT _____
 BOTTOM OF SHOT _____ ANCHOR _____ WELL BRIDGED TO _____
 PRODUCTION BEFORE SHOT _____ PRODUCTION AFTER SHOT _____
 NAME OF SHOOTER _____ SHOT INSPECTED _____ BY _____ (COMPANY EMPLOYEE)
 COMMENCED DRILLING DEEPER _____ COMPLETED DRILLING DEEPER _____
 TOTAL DEPTH _____ PRODUCTION FIRST 24 HOURS _____ SETTLED PRODUCTION _____

REMARKS: Plug Back T.D. 5753'. Rock Pressure 1431#. 15,250 MCF Gas Per Day
Thru Perforations: 5720-30 & 5736-46'.

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.