

STATE OF KANSAS
STATE CORPORATION COMMISSION

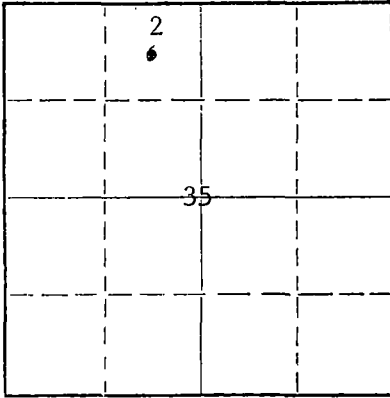
Form CP-4

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas 67202

Meade County, Sec. 35 Twp. 33S Rge. 30 (W)

Location as "NE/CNW/SW" or footage from lines NE NW
Lease Owner Cities Service Oil Company
Lease Name Vail (Novinger Unit) C-4924 Well No. 702
Office Address Box 1098, Liberal, Kansas 67901
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed August 20 19 52
Application for plugging filed March 5 19 72
Application for plugging approved March 6 19 72
Plugging commenced April 19 19 72
Plugging completed April 24 19 72
Reason for abandonment of well or producing formation Depleted



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production April 19 71
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 Ed Eves
Producing formation Marmaton Depth to top 5304 Bottom 5314 Total Depth of Well 5373 Feet
Show depth and thickness of all water, oil and gas formations.

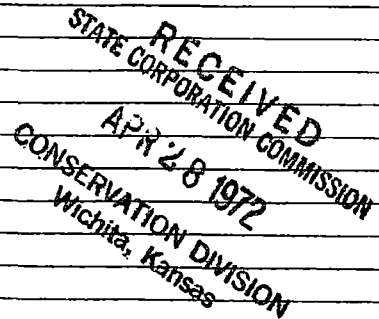
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Marmaton	Oil	5304'	5314'	13-3/8"	632'	0
				8-5/8"	2724'	0
				5-1/2"	5371'	3017'

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.

5100' to 5260' 20 sx cement plug
2025' to 5100' Heavy mud
1900' to 2025' 40 sx cement plug
50' to 1900' Heavy mud
0' to 50' 10 sx cement plug



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

Name of Plugging Contractor Toland and Johnston
Address Box 94336, Oklahoma City, Oklahoma 73109

STATE OF KANSAS, COUNTY OF SEWARD, ss.
R. L. Higginbottom (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) R. L. Higginbottom

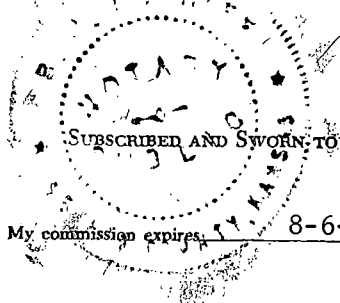
Box 1098, Liberal, Kansas 67901
(Address)

April 19 72

Subscribed and sworn to before me this 27th day of _____

My commission expires 8-6-74

B. J. McGriff Notary Public.



DRILLER'S LOG

OWNER: Columbian Fuel Corporation

ELEVATION:

CONTRACTOR: Midwestern Drillers
628 Wright Building
Tulsa 3, Oklahoma

WELL COMMENCED: June 18, 1952

WELL COMPLETED: July 16, 1952

LEASE NAME: O. H. Vail #2

TOTAL DEPTH: 5373' RB

LOCATION: NE $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 35, T33S,
R30W, Meade County, Kansas

CASING RECORD: Surface - Set 631.84' of 13-3/8" with 500 sks. cement
Intermediate - Set 2724' of 8-5/8" with 800 sks cement
Production - Set 5371' of 5 $\frac{1}{2}$ " with 400 sks. cement

RECEIVED
STATE CORPORATION COMMISSION
MAR 3 1972
CONSERVATION DIVISION
Wichita, Kansas

FORMATION

DEPTH FROM ROTARY BUSHING

<u>FORMATION</u>	<u>DEPTH FROM ROTARY BUSHING</u>	
	0	
Sand & clay	615	
Red bed & gyp	648	Run 631' of surface casing
Red bed & gyp	1050	
Red bed, sand & gyp	1535	
Shale & anhydrite streaks	1875	
Red bed, anhydrite streaks	2035	
Red bed, shale & anhydrite	2190	
Anhydrite, shale	2440	
Shale and anhydrite	2583	
Anhydrite, lime & shale	2643	
Anhydrite & lime	2678	
Anhydrite & shale	2715	
Anhydrite, lime & shale	2724	Run Schlumberger Electric Log
	2724	Run 2724' of intermediate casing
Lime & shale	3289	
Lime & shale	3545	
Shale & lime	3780	
Lime & shale	4039	
Shale & lime	4332	
Lime & shale	4594	
Lime & shale	4727	
Lime & shale	4774	Circulated 1 $\frac{1}{2}$ hr. for BHS @ 4774
Lime & shale	4831	
Shale & lime	4929	
Lime & shale	5056	
Lime & shale	5185	
Lime & shale	5270	
(Coring & reaming)	5323	
(Coring & reaming)	5323	Run Drill Stem Test
	5345	
	5345	Run Drill Stem Test
Lime & shale	5373	Run Electric Log
	5373	TD Run 5371' of Production casing

I hereby certify that the above is a true and correct copy of Driller's Log of O. H. Vail #2 Well.

Subscribed and sworn to before me this 21st day of August, 1952.

MIDWESTERN DRILLERS

Clara V. Schafnutt
Notary Public

By F. W. Wyant
F. W. Wyant

My commission expires: December 13, 19 53.