

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.--82-3-117

API NUMBER 15-119-20070-0000

LEASE NAME Merkle

WELL NUMBER #1

       Ft. from S Section Line

       Ft. from E Section Line

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE OPERATOR Torch Operating/ American Recovery Systems  
/ CS Box A0001 Okla. City, Ok 73162

SEC. 7 TWP. 35S RGE. 28 (X) or (W)

ADDRESS 1300 Main #1520 Houston, TX 77002

COUNTY Meade

PHONE#( 713 650-1246 OPERATORS LICENSE NO. 4215

Date Well Completed 5-30-71

Character of Well Oil

Plugging Commenced 4-15-88

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Plugging Completed 4-20-88

Did you notify the KCC District Office prior to plugging this well? yes

Which KCC Office did you notify? Dodge City

Is ACO-1 filed?        If not, Is well log attached? Yes

Producing Formation 6042'-73' Depth to Top        Bottom        T.D. 6116'

Plug Back TD - 6094'

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
				8 5/8"	1402'	None
				4 1/2"	6115'	2660'

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 each set.  
Pumped 3 sx hull, 15 sx jell, 50 sx cement, 10 sx gel, 1 sx hull, 150 sx cement, 60-40 POZ, 6% gel, Allied Cement pumped cement -

Richard Lacy & Jeff Sletto on location

(if additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Clarke Corporation

RECEIVED  
STATE CORPORATION COMMISSION

Address P.O. Box 187 Medicine Lodge, Ks 67104

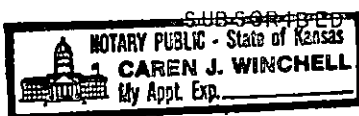
STATE OF Kansas COUNTY OF Barber, ss.

APR 27 1988

Elmo Morgenstern (Employee of Operator or (Operator) of 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 that the same are true and correct, so help me God.

(Signature) Elmo Morgenstern

(Address) Medicine Lodge, Ks 67104



SUBSCRIBED AND SWORN TO before me this 25 day of April, 19 88

Caren J. Winchell  
Notary Public

My Commission Expires: June 21, 1991

KANSAS

15-119-20070-0000

WELL COMPLETION REPORT AND  
DRILLER'S LOG

S. 7 T. 35S. R. 28 W.

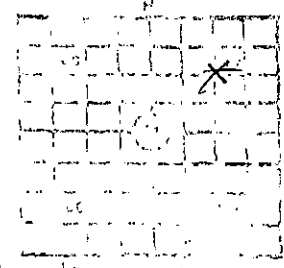
API No. IS 119 20070  
County Number

Loc. C NE 14

County meade

Operator Black Oil Company

Address 5825 North Grand Boulevard - Okla. City, Okla. 73118



Section 1 Township North Range Markle

1320 (feet from 141) 131 line 1320 (feet from 171) 131 line

Contractor Zenith Drilling Corp., Inc. State Okla. License No. 6094

Date 5/19/77 5/30/77 Total Depth 6116 6094

Elev. 2411  
at 2420 at 2422

Directional Information N/A or Geol. Parameters

Completion Colorado Interstate Gas Co.

Depth of all strings set—surface, intermediate, production, etc.

Kind of string	Size hole drilled	Size casing	Size tool joint	Depth of string	Tool joint	SACKS	Remarks
Surface	12-1/4	8-5/8	2 3/4 #	1402	35-65 P02 COMMON	600 150	3% Gal, 5% salt
Production	7-7/8	4 1/2	1 1/2 # 9/8	6115	102	175	1% salt, .75% CPE-2

LINES RECORD			PENETRATION RECORD		
Depth	Penetration, ft.	Remarks	Depth, ft.	Size of bit	Depth interval
None			8	2 1/2" bullets	6042-46
			"	"	6052-54
2-3/8	5970	5970	30	"	6058-72

Well Completion Record

Acidize with 1000 gal. MCA, Acidize with 4000 gal. MOD 502, and urea+ with 10,000 gal. 15% gelled acid

RECEIVED  
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INITIAL PRODUCTION

CONSERVATION DIVISION  
Wichita, Kansas

Date of production <u>6/29/77</u>	Producing gas (Mcf per day, etc.) <u>Flowing</u>
RATE OF PRODUCTION PER DAY PER WELL	Oil <u>None</u> Gas <u>700</u> Water <u>50</u> Gelled ratio <u>700,000</u> CPE
Disposition of gas (vented, sold, etc.) <u>vented</u>	Producing (Mcf per day, etc.) <u>6042-73 overall</u>

INSTRUCTIONS: As provided by MCC Rule 82-2-125, within 90 days after completion of a well, the completed copy of this Driller's Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2200. If confidential treatment is desired, please note Rule 82-2-175. Driller's Log will be a open file in the Oil and Gas Division, State Geological Survey of Kansas, 4150 Monroe Street, Kansas 67209.