

API NUMBER 15-007-22317-0000

LEASE NAME Clarke

WELL NUMBER K-1

1320 Ft. from S Section Line

1320 Ft. from E Section Line

SEC. 13 TWP. 34 RGE. 14 (~~W~~)

COUNTY Barber

Date Well Completed 6-31-90

Plugging Commenced 1-14-94

Plugging Completed 2-9-93

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

LEASE OPERATOR Marathon Oil Corporation

ADDRESS RR1, Box 125, Medicine Lodge, KS 67104

PHONE# (316) 886-5606 OPERATORS LICENSE NO. 5171

Character of Well Oil

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

The plugging proposal was approved on 1-14-93 (date)

by Barlow (KCC District Agent's Name).

Is ACO-1 filed? yes If not, is well log attached? _____

Producing Formation Mississippian Depth to Top 4776 Bottom 4887 T.D. 5070

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	407	none
				4 1/2	5100	3414

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.

Set bridge plug at 4720, dumped 2sx cement on top of bridge plug, pumped 3 hulls, 10 gell, 50 cement, 10 gell, 1 hull, 8 5/8 plug, 100 cement, 60-40 POZ, 6% gell.

Steve Pfeifer on location

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

Name of Plugging Contractor Clarke Corporation License No. 5105

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

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Marathon

STATE OF Kansas COUNTY OF Barber, ss.

Jeff Sletto (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) Jeff Sletto

(Address) Medicine Lodge, KS 67104

AND SWORN TO before me this 11 day of February, 19 93

Glenda Morrison
 Notary Public

GLENDA MORRISON
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. Aug. 17, 1994

KANSAS RECEIVED
 FEB 12 1993
 CONSOLIDATION COMMISSION
 WICHITA, KS

My Commission Expires: Aug. 17, 1994

15-007-12317-0000

TXO PRODUCTION CORP. - DRILLING PROGNOSIS

WELL NAME: <u>Clarke "K" #1</u>	COUNTY: <u>Barber</u>	DATE: <u>5/10/90</u>
LOCATION: <u>Section 13-T34S-R14W</u>	STATE: <u>Kansas</u>	AFE#: <u>900525</u>
LINE FOOTAGE: <u>1320' FNL & 1320' FEL</u>	FIELD: <u>Aetna</u>	LSE: <u>87518</u>
ELEVATIONS: <u>KB</u> <u>TBD</u> <u>GL</u> <u>TBD</u>	F. OFFICE: <u>Medicine Lodge</u>	PTD: <u>5100'</u>
		AFES: <u>170,000</u>

CASING PROGRAM

Supplier & Loc: TXO - Medicine Lodge

STRING	SIZE	LENGTH OF SEC.	WEIGHT	GRADE	COUPLING	THREAD	HOLE SIZE
Surface *	8-5/8"	±400'	24#	J-55	ST&C	8rd	12-1/4"
Production	4-1/2"	5100'	10.5#	J-55	ST&C	8rd	7-7/8"

*Rat Hole ahead to ±1100' to check for lost circulation.

CEMENTING PROGRAM

Company: BJ Titan Medicine Lodge, Kansas 316/886/5926

STRING	TYPE OF CEMENT	SPECIAL EQUIPMENT
Spring *	200 sxs lite & 75 sxs Class "A" w/ 2% gel & 3% CaCl ₂ .	Baffle Plate, basket & 2 centralizers.
Production *	Flush w/ 5 BBI 2% KCL spacer. Cement w/ 150 sxs Thixotropic cement w/ 5#/sx Gilsonite and 1/4 #/sx Celloflakes. Pump cement at 3 BPM.	Guide shoe, float collar, 6 Centralizers, Baskets Latch down to plug.

*Subject to change, tailor to hole.

RECEIVED
 FEB 12 1993
 CONSERVATION DIVISION
 WICHITA, KS

SAMPLE & DRILLING TIME PROCEDURE

30' samples from Herington to 2800'
 10' samples from 2800' to T.D.
 One foot (1) drilling time from Herington to T.D.

MUD PROGRAM

Company: Mud handled by Eagle

INTERVAL	TYPE	MW/ppg	VISC FUNNEL SEC.	W.L.CC/30"	LCM PPB	PV/YP	PH
0-3400'	Native	9.2	30	N.C.	-	-	-
3400-4700'	FW Gel	9.0-9.2	40-45	10-15	-	-/10-15	10
4700-TD	FW Gel	9.0	45-48	10	5-7	-/15	10

Displace at ±3500'. Get weight to 9.0 by re-displacing before cutting Miss.

LOGGING PROGRAM & ESTIMATED FORMATION TOPS

Company: ~~TBA~~ Atlas

FORMATION	DRILL DEPTH	TYPE LOG	INTERVAL
Herington	2080'	2" GR-DIL w/ linear plot	TD to S.C.
Elgin	3750'	5" GR-SP/DIL w/ log	TD to Herinton
LKC	4130'	scale plot III	
Mississippian	4730'	5" GR/FDC-CNL/pe w/ caliper.	TD to Herington
RTD	5100'	Porosity scale must be - 15, 0, 15, 30, 45 Run 2.71 matrix density	

Do not stack tools unless authorized by Denver
 *No drilling information or open hole logs will be sent to the KCC from the field.
 *Bid includes tool insurance

TESTING PROGRAM

Company (Testing): TBD
 Procedure: Mississippian DST times: 30/60/60/120. Break circulation 2 times when TIH w/ bit after Miss DST.

PERSONNEL

Name	Home Phone	Office Phone
Gerrel Veatch	316-886-3814 Mobile (316)862-5951	316-886-5606
Cory West/Jerry Collins	303-771-1317/303-799-4803	303-861-4246 1-800-627-4246
Mark Degner	303-795-5573	303-861-4246

MISCELLANEOUS

Roads & locations inspected by Gerrel Veatch before MI RT.
 Unmanned Preston Payne Gas Detector on location at 2050'
 Wellsite Geologist to be called at 3300' and on location at 3700'
 Geologist Ken LeBlanc (316)683-8145