

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

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

15-095-20334-0000
API NUMBER 15-04520334

LEASE NAME Mertens

WELL NUMBER A#1

660 Ft. from S Section Line

330 Ft. from E Section Line

SEC. 16 TWP. 28 RGE. 9 ~~XXXX~~ (W)

COUNTY Kingman

Date Well Completed N/A

Plugging Commenced 11-8-93

Plugging Completed 11-19-93

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

LEASE OPERATOR MTM Petroleum

ADDRESS P.O. Box 82, Spivey, KS 67142

PHONE# (316) 532-5178 OPERATORS LICENSE NO. 6236

Character of Well Good

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

The plugging proposal was approved on 11-8-93 (date)

by Doug (KCC District Agent's Name).

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

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. _____

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	302	None
				4 1/2	4470	3500

Describe in detail the manner in which the well was plugged, indicating where the mud fluid placed and the method or methods used in introducing it into the hole. If cement or other pl were used, state the character of same and depth placed, from _____ feet to _____ feet each s Sanded to 4300, pump 5sx cement at 4300 with dump bailer, cut and pull casing to 1400, spot 30sx cement, pull to 900, spot 30sx cement, pull to 350, circulate to surface, pull pipe, top off with cement, 60/40 POZ, 4% gel

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

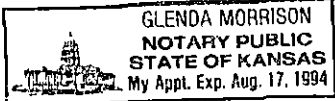
Name of Plugging Contractor Clarke Corporation License No. 5105

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

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: MTM Petroleum

STATE OF Kansas COUNTY OF Barber, ss.

Jeff Sletto (Employee of Operator) or (Operator) above-described well, being first duly sworn on oath, says: That I have knowledge of the fac statements, and matters herein contained and the log of the above-described well as filed t the same are true and correct, so help me God.



(Signature) Jeff Sletto

(Address) Medicine Lodge, KS 67104

SUBSCRIBED AND SWORN TO before me this 29 day of November, 1993

Glenda Morrison Notary Public
RECEIVED, 1993
COMMISSION
NOV 30 1993

My Commission Expires: Aug. 17, 1994

KANSAS DRILLERS LOG

S. 16 T. 28S R. 9W E
W
Loc. 660' FSL & 330' FWL
County Kingman

API No. 15 — 095 — 20,334-0000
County Number

Operator
Anadarko Production Company

Address
Box 351, Liberal, Kansas

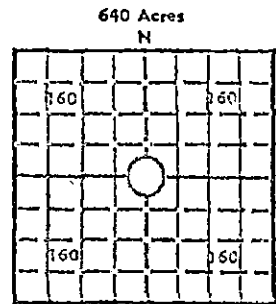
Well No. 1 Lease Name Mertens "A"

Footage Location
660 feet from XX (S) line 330 feet from XX (W) line

Principal Contractor H-30, Inc. Geologist Innes Phillips, Consultant

Spud Date 4-2-74 Total Depth 4470' P.B.T.D.

Date Completed 4-29-74 Oil Purchaser



Elev.: Gr. 1667'
DF _____ KB _____

CASING RECORD

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

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	18#	302'	Common	300	3% CC
Production	7-7/8"	4-1/2"	10.5#	4470'	Pozmix	175	18% salt w/10# Gilsonite 1/10# Tuff Fiber .5% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4449.5-4451.5'
TUBING RECORD			2		4360-63'
Size <u>2-3/8"</u>	Setting depth <u>4355'</u>	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
No treatment. Set CIBP @ 4420'.	4449.5-4451.5'
Acidized w/250 gallons 15% MCA.	4360-63'

INITIAL PRODUCTION

Date of first production 5-4-74 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil <u>104</u> bbls.	Gas <u>21</u> MCF	Water <u>51</u> bbls.	Gas-oil ratio <u>202</u> CFPB
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Disposition of gas (vented, used on lease or sold) _____ Producing interval(s) 4360-63'

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers 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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator
Anadarko Production Company

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Mertens "A" Oil
S. 16 T. 28S R. 9W E

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay & sand	0	90	Logs:	
Red bed & shale	90	310		
Shale	310	565	Dual Induction-Log	
Shale & shells	565	1350		305-4448'
Lime & shale	1350	1444		
Anhydrite	1444	1463	BHC-Sonic Log	1400-4448'
Lime & shale	1463	4076		
Mississippian chat	4076	4086		
Mississippian lime	4086	4136	Tops:	
Lime	4136	4194		
Shale	4194	4352	Winfield	1633'
Shale & lime	4352	4364	B/Flor	1836'
Lime & chert	4364	4423	Cottonwood	2090'
Lime & shale	4423	4470	Indian Cave zone	2349'
Total Depth	4470		Tarkio	2539'
			Topeka	2890'
DST #1, 4052-86' (Miss), 15 min preflow, GTS 7 mins, 15 min ga 27 MCFD. Tool open 40 mins, 10 min gauge 35.9 MCF, 20 min ga 30.8 MCF, 30 min ga 25 MCF & stabilized. Recovered 90' VSO&GCM + 60' SO&GCM. ISIP 1304# (40), FP's 47-47#, 63-63#, FSIP 1320# (60).			Heebner	3298'
			Brown Limestone	3495'
			Stark	3826'
			B/Kansas City	3930'
			Mississippian	4074'
			Kinderhook	4160'
DST #2, 4327-64' (Viola), 30 min preflow w/weak blow, incr to strong. Tool open 40 mins w/strong blow, GTS in 67 mins (total). Recovered 40' SGCM, trace of oil, 60' O&GCM, 300' G&OCM, 60' MGO, no water. ISIP 1399# (45), FP's 31-94#, 110-205#, FSIP 1399# (45).			Viola	4359'
			Simpson sand	4447'

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<p style="text-align: center;"><i>T. W. Williams</i> T. W. Williams Signature Division Office Supervisor</p>
	<p>Title</p> <p>May 16, 1974</p> <p>Date</p>