15-119-20258
7-35-28W

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request samples on this well.

RECEIVED
FEB - 7 1977

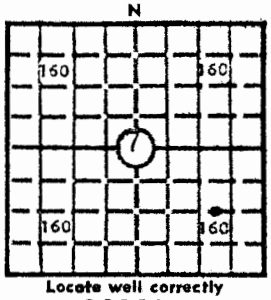
S. 7 T. 35 R. 29 (28) E W

API No. 15 — 119 (County) — 20,258 (Number)

Loc. 1000' FEL & 1320' FSL

County Meade

640 Acres
N



Locate well correctly

Elev.: Gr. 2311'

DF _____ KB 2321'

Operator
Mesa Petroleum Company

Address
P. O. Box 2009 Amarillo, Texas 79105 AMA. PROD.

Well No.	Lease Name
#1-7	Merkle

Footage Location
1320 feet from (S) line 1000 feet from (E) line

Principal Contractor	Geologist
Triad Drilling Corp.	

Spud Date	Total Depth	P.B.T.D.
2/14/77	6460'	6412'

Date Completed	Oil Purchaser
4/12/77	Koch

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"	9 5/8"	47, 43 & 40#	1495'	Lite "H"	450 200	1/4#flocele, 2%CaCl 1/4#flocele, 3%CaCl
Production	7 7/8"	5 1/2"	15.5&17	4534'	"H" 50-50 Pozmix	50 275	

LINER RECORD

Top, ft.	Bottom, ft.	Socks cement

TUBING RECORD

Size	Setting depth	Packer set at
1 1/4" 2 1/16"	5860' 5898'	5860' & 5953'

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2		5809-5842'
2		5892-5919'
2		6188-6384'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 gals 15% & 40,000 gals x 40,000# Frac	5809-5842'
1500 gel 15%, 8100 gel pad, 7500 gel retarded acid	5892-5919'
750 gals 15%, 7000 gal pad, 6000 gal retarded acid & 500 gals 15% acid, 7000 gal pad, 6000 gal retarded acid	6188-6384'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
5/2/77	Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	St. Louis 80 bbls.	Morrow 1700 Chester 260 MCF	0 bbls.	St. Louis 800 CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Vented (CAOF's)	5809-5342', 5892-5919', 6188-6384'

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. KGS (1), Denver Office (1)

C-10-1972

Operator		DESIGNATE TYPE OF COMP.: OIL GAS DRY HOLE, SWDW, ETC.:
MESA PETROLEUM CO.		
Well No. 1-7	**Lease Name** Merkle	GAS-Morrow & Chester OIL - St. Louis
S 7 T 35S R 28W E/W		

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
SEE ATTACHED DRILLER'S LOG.				

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

Date Received

J E Dalton
Signature

Drilling and Production Supervisor
Title

5/13/77
Date

State Geological Survey
WICHITA BRANCH

7-35-28W

Mesa Petroleum Company
Amarillo, Texas 79105

Drlg. Contractor:	Triad Drilling Corporation	Merkle No. 1-7
Date Commenced:	February 14, 1977	Section 7-35S-28W
Date Completed:	March 4, 1977	Meade County, Kansas

DRILLER'S LOG

Depth figures indicate base of formation:

Sand and Red Bed	520
Red Bed	1260
Red Bed and Anhydrite	2000
Anhydrite and Dolomite	2430
Lime and Shale	6460 RTD

I, Clifford M. Smith, hereby certify that to the best of my knowledge and belief, the above is a true and complete Driller's Log of Mesa Petroleum Company's Merkle No. 1-7 in Meade County, Kansas.

Clifford M. Smith

[redacted] Sutton, Notary Public
My Commission Expires 10 September 1979