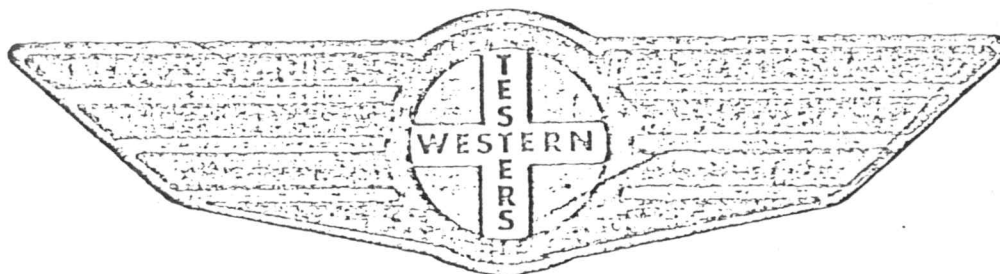


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company MINERAL MANAGEMENT CORP. Lease and Well No. #1 "A" THOMAS Sec. 27 Twp. 32S. Rge. 11W Test No. 1 Date 5/20/8

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 5/20/84
 CUSTOMER: MINERAL MANAGEMENT CORP.
 WELL: 1 TEST: 1
 ELEVATION (KB): 0 FORMATION:
 SECTION: 27 TOWNSHIP: 32S
 RANGE: 11W COUNTY: BARBER STATE: KANSAS
 GAUGE SN #13552 RANGE: 4050 CLOCK: 12

TICKET #4382
 LEASE: "A" THOMAS
 GEOLOGIST: ?

INTERVAL TEST FROM: 2790 FT TO: 2830 FT TOTAL DEPTH: 2830 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 2785 FT SIZE: 6 5/8 IN PACKER DEPTH: 2790 FT SIZE: 6 5/8 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS DRLG
 MUD TYPE: STARCH VISCOSITY: 34
 WEIGHT: 9.4 WATER LOSS (CC): 10.4
 CHLORIDES (P.P.M.): 50000
 JARS - MAKE: SERIAL NUMBER:
 DID WELL FLOW? YES REVERSED OUT? NO
 DRILL COLLAR LENGTH: 370 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 2399 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
 ANCHOR LENGTH: 40 FT SIZE: 5 1/2 OD IN
 SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
 MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 FH IN

BLOW: STRONG BLOW THROUGHOUT TEST.
 GAS TO SURFACE IN 8 MINUTES ON
 INITIAL FLOW PERIOD.
 SEE ATTACHED SHEET FOR GAS MEASUREMENTS.

RECOVERED: 65 FT OF: GAS CUT MUD.
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS: READ OUTSIDE CHART.

TIME SET PACKER(S): 6:20 PM TIME STARTED OFF BOTTOM: 9:20 PM
 WELL TEMPERATURE: 107 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 1499 PSI
 INITIAL FLOW PERIOD MIN: 25 (B) 82 PSI TO (C) 85 PSI
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 1174 PSI
 FINAL FLOW PERIOD MIN: 60 (E) 72 PSI TO (F) 74 PSI
 FINAL CLOSED IN PERIOD MIN: 60 (G) 1155 PSI
 FINAL HYDROSTATIC PRESSURE (H) 1467 PSI

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 5/20/84
CUSTOMER: MINERAL MANAGEMENT CORP.
WELL: 1 TEST: 1
ELEVATION (KB): 0 FORMATION:
SECTION: 27 TOWNSHIP: 32S
RANGE: 11W COUNTY: BARBER STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12
TICKET #4382
LEASE: "A" THOMAS
GEOLOGIST: ?

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

10	MERLA	1	18" WTR	110000 CFPD
20			30	141000
30			48	179000

SECOND FLOW

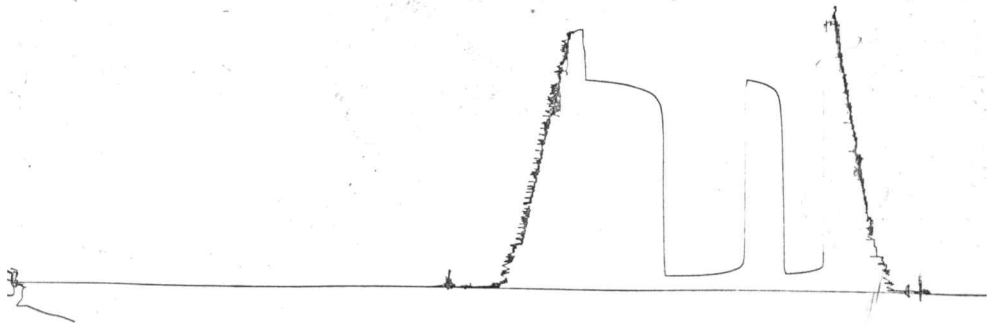
5	MERLA	1 1/2	28" WTR	368000 CFPD
10			26	355000
20			26	355000
30			26	355000
40			30	381000
50			30	381000
60			30	381000

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:

Clc# 4382

I

2



406# 4382

