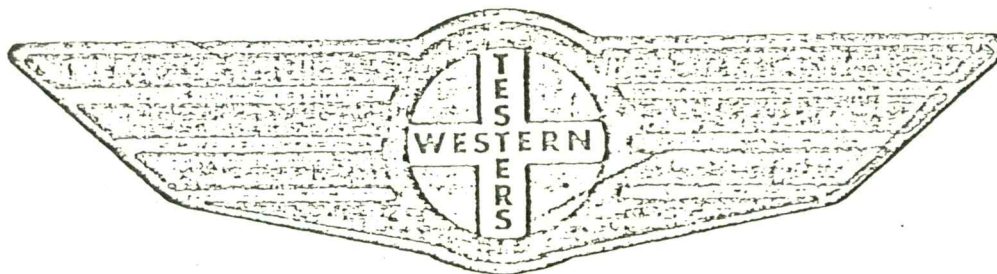


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 5/16/84
CUSTOMER: ROBERT E. CAMPBELL OIL & GAS
WELL: 4 TEST: 1
ELEVATION (KB): 1551 FORMATION: MISSISSIPPI
SECTION: 9 TOWNSHIP: 29S
RANGE: 6W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #13265 RANGE: 3975 CLOCK: 12

INTERVAL TEST FROM: 4078 FT TO: 4091 FT TOTAL DEPTH: 4091 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4073 FT SIZE: 6 3/4 IN PACKER DEPTH: 4078 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO
MUD TYPE: CHEMICAL VISCOSITY: 52
WEIGHT: 9.3 WATER LOSS (CC): 8.0
CHLORIDES (P.P.M.): 4500
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? YES REVERSED OUT? NO
DRILL COLLAR LENGTH: 236 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3828 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 13 FT SIZE: 5 1/2 O.D. 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 X.H. IN

BLOW: STRONG BLOW THROUGHOUT TEST. GAS TO SURFACE IN
26 MINUTES.

RECOVERED: 240 FT OF: MUDDY SALT WATER
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF: CHLORIDES 55000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: READ OUTSIDE CHART.

TIME SET PACKER(S): 3:30 P.M. TIME STARTED OFF BOTTOM: 6:45 P.M.
WELL TEMPERATURE: 130 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2019 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 91 PSI TO (C) 99 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1357 PSI
FINAL FLOW PERIOD MIN: 60 (E) 84 PSI TO (F) 90 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1314 PSI
FINAL HYDROSTATIC PRESSURE (H) 1997 PSI

WESTERN TESTING COMPANY INC.
GAS FLOW REPORT

DATE: 5/16/84

CUSTOMER: ROBERT E. CAMPBELL OIL & GAS

WELL: 4

TEST: 1

ELEVATION (KB): 1551

FORMATION: MISSISSIPPI

SECTION: 9

TOWNSHIP: 29S

RANGE: 6W

COUNTY: KINGMAN

STATE: KANSAS

GAUGE SN #13265

RANGE: 3975

CLOCK: 12

TICKET #4036

LEASE: BENSON YAGER

GEOLOGIST: ROBBA

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

26	MERLA			GAS TO SURFACE
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SECOND FLOW

40	MERLA	3/4	20" WTR	63.5 MCFPD
50		"	17" WTR	58.5 " "
60		"	17" WTR	58.5 " "
70		"	17" WTR	58.5 " "
80		"	17" WTR	58.5 " "
90		"	17" WTR	58.5 " "

GAS BOTTLE SN #:

DATE BOTTLE FILLED:

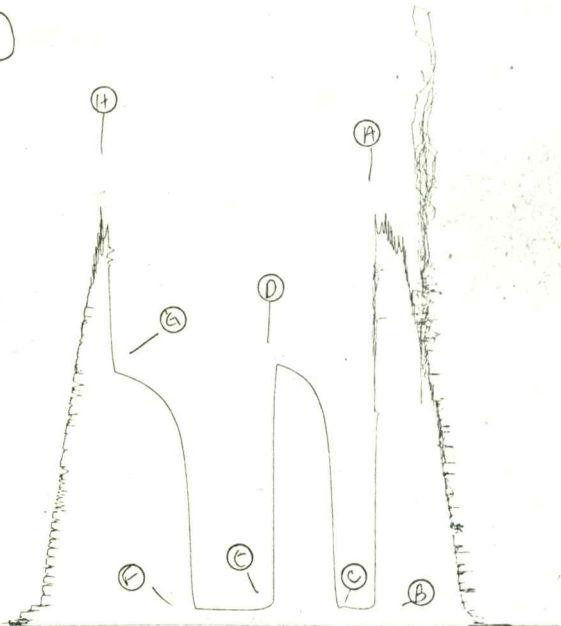
DATE TO BE INVOICED:

4036

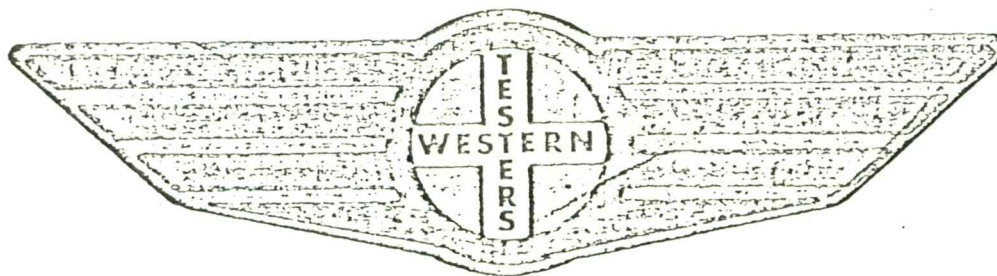
13265

4036

6



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company RBT E CAMPBELL OIL & GAS Lease and Well No. #4 BENSON YAGER Sec. 9 Twp. 29S Rge. 6W Test No. 2 Date 5/17/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 5/17/84
CUSTOMER: ROBERT E. CAMPBELL OIL & GAS
WELL: 4 TEST: 2
ELEVATION (KB): 1551 FORMATION: MISSISSIPPI
SECTION: 9 TOWNSHIP: 29S
RANGE: 6W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

INTERVAL TEST FROM: 4095 FT TO: 4110 FT TOTAL DEPTH: 4110 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4090 FT SIZE: 6 3/4 IN PACKER DEPTH: 4095 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO
MUD TYPE: CHEMICAL VISCOSITY: 48
WEIGHT: 9.1 WATER LOSS (CC): 9.0
CHLORIDES (P.P.M.): 4500
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? YES REVERSED OUT? NO
DRILL COLLAR LENGTH: 265 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3829 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 15 FT SIZE: 5 1/2 O.D. 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 X.H. IN

BLOW: STRONG BLOW THROUGHOUT TEST. GAS TO SURFACE
IN FINAL SHUT-IN.

RECOVERED: 30 FT OF: OIL & GAS CUT MUD; 30% GAS; 10% OIL; 60% MUD
RECOVERED: 90 FT OF: OIL CUT SALT WATER; 10% OIL; 90% SALT WATER
RECOVERED: 265 FT OF: VERY SLIGHTLY OIL CUT SALT WATER
RECOVERED: FT OF: CHLORIDES 100000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

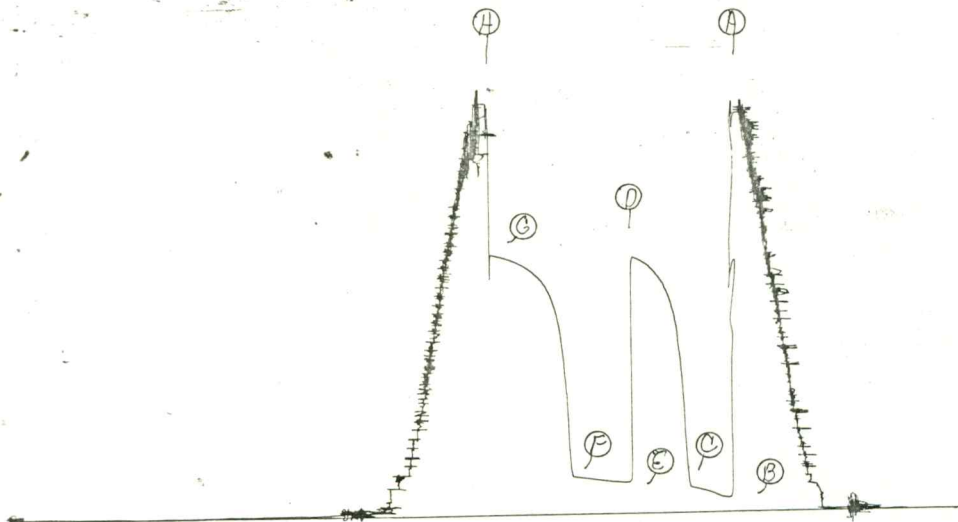
REMARKS:

TIME SET PACKER(S): 4:45 A.M. TIME STARTED OFF BOTTOM: 7:45 A.M.
WELL TEMPERATURE: 133 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2057 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 79 PSI TO (C) 134 PSI
INITIAL CLOSED IN PERIOD MIN: 42 (D) 1331 PSI
FINAL FLOW PERIOD MIN: 45 (E) 165 PSI TO (F) 199 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 1352 PSI
FINAL HYDROSTATIC PRESSURE (H) 2054 PSI

4637

TKT# 4037

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TKT #4037

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