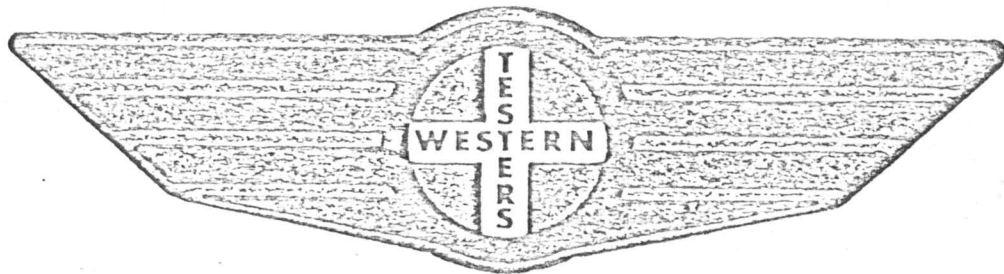


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company _____ THE REACH GROUP _____
Lease & Well No. _____ #8 "A" BLACKSTONE _____
Sec. _____ 16 Twp. _____ 24S Rge. _____ 5E Test No. _____ 1 _____
Date _____ 4/26/85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/26/85
CUSTOMER: THE REACH GROUP
WELL: 8
ELEVATION (KB): 1423
SECTION: 16
RANGE: 5E
GAUGE SN #3474

TEST: 1
FORMATION: MISSISSIPPI
TOWNSHIP: 24S
COUNTY: BUTLER
RANGE: 3000

TICKET #8159
LEASE: "A" BLACKSTONE
GEOLOGIST: SHANK
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 2490 FT TO: 2524 FT TOTAL DEPTH: 2524 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2490 FT SIZE: 6 3/4 IN PACKER DEPTH: 2485 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: EDCO DRLG
MUD TYPE: CHEMICAL VISCOSITY: 40
WEIGHT: 9.3 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 1200
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT?
DRILL COLLAR LENGTH: 300 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2170 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 34 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 XH IN

BLOW: INITIAL FLOW PERIOD VERY WEAK BLOW.
DIED IN 12 MINUTES. FINAL FLOW
PERIOD SURGE AS TOOL OPENED; NO BLOW.

RECOVERED: 2 FT OF: OIL CUT MUD (10% OIL; 90% MUD).
RECOVERED: 8 FT OF: SLIGHTLY OIL CUT MUD.
RECOVERED: FT OF: (GOOD SHOW OF FREE OIL ON TOP OF TOOLS).
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 4:15 PM
WELL TEMPERATURE: 101 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1242 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 36 PSI TO (C) 36 PSI
INITIAL CLOSED IN PERIOD MIN: 63 (D) 538 PSI
FINAL FLOW PERIOD MIN: 35 (E) 44 PSI TO (F) 45 PSI
FINAL CLOSED IN PERIOD MIN: 66 (G) 519 PSI
FINAL HYDROSTATIC PRESSURE (H) 1217 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 4/26/85

CUSTOMER: THE REACH GROUP

LEASE: "A" BLACKSTONE

GEOLOGIST: SHANK

FORMATION: MISSISSIPPI

TOWNSHIP: 24S

STATE: KANSAS

CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1242 PSI

(B) FIRST INITIAL FLOW PRESSURE: 36 PSI

(C) FIRST FINAL FLOW PRESSURE: 36 PSI

(D) INITIAL CLOSED-IN PRESSURE: 538 PSI

(E) SECOND INITIAL FLOW PRESSURE: 44 PSI

(F) SECOND FINAL FLOW PRESSURE: 45 PSI

(G) FINAL CLOSED-IN PRESSURE: 519 PSI

(H) FINAL HYDROSTATIC PRESSURE: 1217 PSI

WELL TEMPERATURE: 101 °F

OPEN TOOL: 4:15 PM

TIME - GIVEN TIME - ACTUAL

FIRST FLOW PRESSURE: 30 MIN 30 MIN

INITIAL CLOSED-IN PRESSURE: 60 MIN 63 MIN

SECOND FLOW PRESSURE: 30 MIN 35 MIN

FINAL CLOSED-IN PRESSURE: 60 MIN 66 MIN

PRESSURE BREAKDOWN

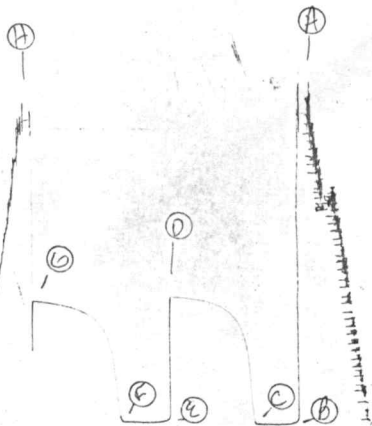
[illegible]

24
25
26
27
28
29
30

3474
DST #1

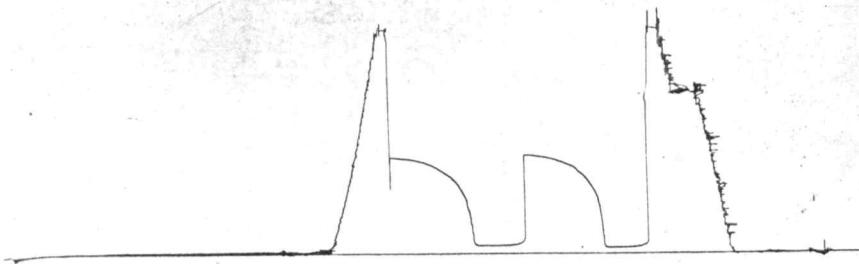
JK # 8159

I



2K4 # 8159

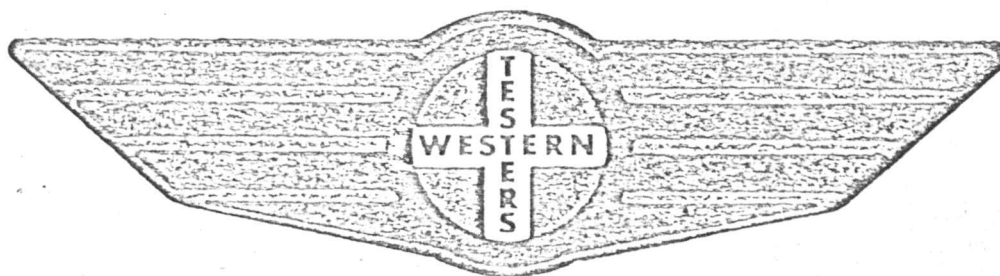
0



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company _____ THE NEWARK GROUP _____
Lease & Well No. _____ TO A DISCOUNT _____
Sec. _____ TO Twp. _____ Rge. _____
Test No. _____ Date 4/11/83

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/27/85
CUSTOMER: THE REACH GROUP
WELL: 8
ELEVATION (KB): 1423
SECTION: 16
RANGE: 5E
GAUGE SN #3474

TEST: 2
FORMATION: MISSISSIPPI
TOWNSHIP: 24S
COUNTY: BUTLER
RANGE: 3000

TICKET #8160
LEASE: "A" BLACKSTONE
GEOLOGIST: SHANK
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 2524 FT TO: 2539 FT TOTAL DEPTH: 2539 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2524 FT SIZE: 6 3/4 IN PACKER DEPTH: 2519 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: EDCO DRLG
MUD TYPE: CHEMICAL VISCOSITY: 40
WEIGHT: 9.3 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 1200
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 300 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2204 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 15 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 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW.
FINAL FLOW PERIOD VERY WEAK BLOW.

RECOVERED: 60 FT OF: GAS.
RECOVERED: 95 FT OF: FREE OIL (44 GRAVITY AT 60 DEGREES).
RECOVERED: 130 FT OF: OIL CUT MUD (LESS THAN 3% OIL).
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

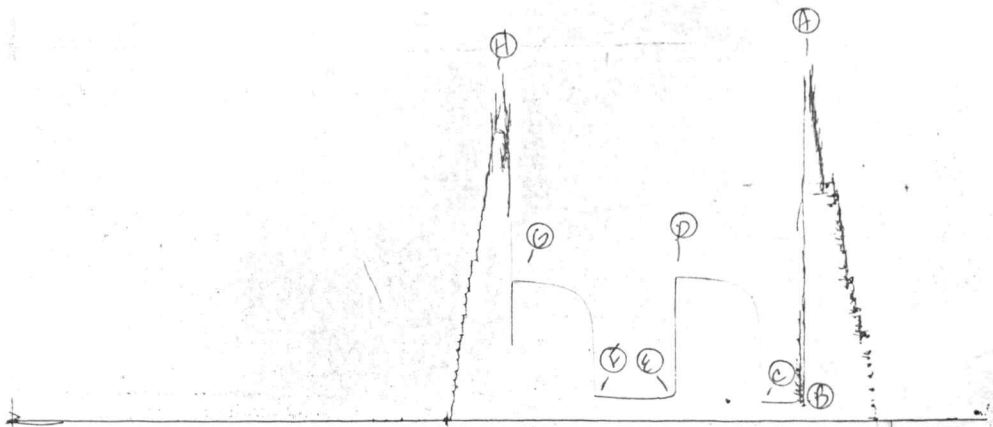
REMARKS: SLID TOOL 10 FEET.

TIME SET PACKER(S): 1:30 AM
WELL TEMPERATURE: 101 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1260 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 70 PSI TO (C) 70 PSI
INITIAL CLOSED IN PERIOD MIN: 66 (D) 561 PSI
FINAL FLOW PERIOD MIN: 60 (E) 85 PSI TO (F) 92 PSI
FINAL CLOSED IN PERIOD MIN: 63 (G) 543 PSI
FINAL HYDROSTATIC PRESSURE (H) 1234 PSI

1254#2
3474

24 #8160

I



JK# 8160
0

