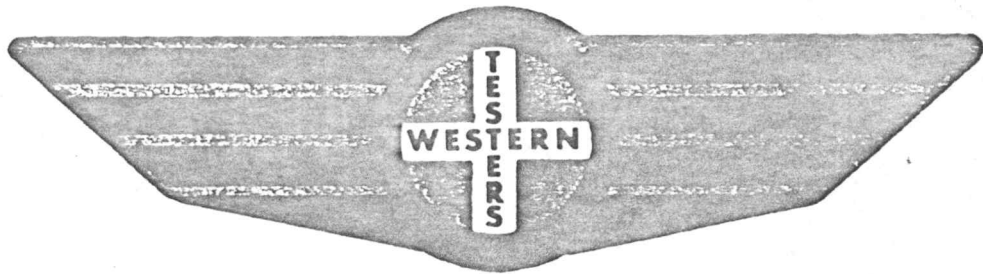


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

PANY PETROLEUM ENERGY, INC. LEASE & WELL NO. #1 HAMMEL

SEC. 35 TWP. 19S RGE. 10W TEST NO. 1 DATE 12-2-85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12-2-85
CUSTOMER: PETROLEUM ENERGY INC.
WELL: 1 TEST: 1
ELEVATION (KB): 1757 FORMATION: SIMPSON SAND
SECTION: 35 TOWNSHIP: 19S
RANGE: 10W COUNTY: RICE STATE: KANSAS
GAUGE SN #1049 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 3257 FT TO: 3290 FT TOTAL DEPTH: 3290 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3252 FT SIZE: 6 5/8 IN PACKER DEPTH: 3257 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS RIG #2
MUD TYPE: STARCH VISCOSITY: 38
WEIGHT: 9.8 WATER LOSS (CC): 13.6
CHLORIDES (P.P.M.): 60000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 330 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2906 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 33 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;
SLIGHTLY DECREASING. FINAL FLOW
PERIOD VERY WEAK BLOW THROUGHOUT.

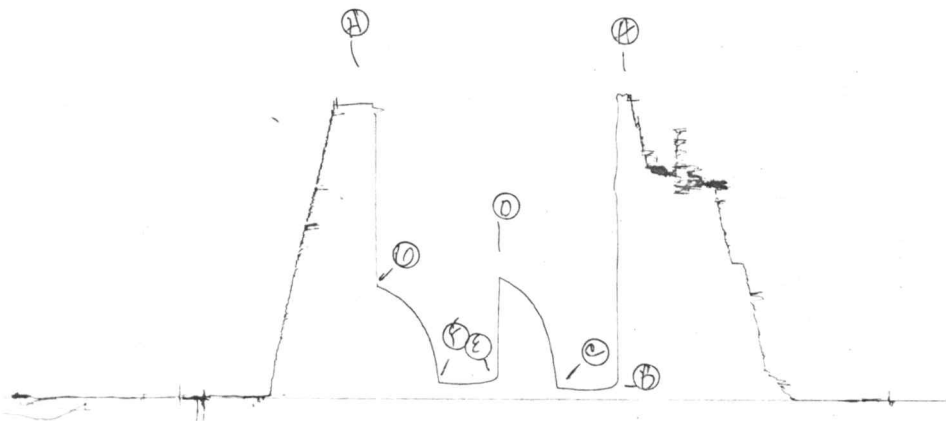
RECOVERED: 1 FT OF: CLEAN OIL.
RECOVERED: 5 FT OF: VERY SLIGHTLY OIL & GAS CUT MUD.
RECOVERED: 120 FT OF: GAS CUT MUD WITH FEW SPOTS OF OIL.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

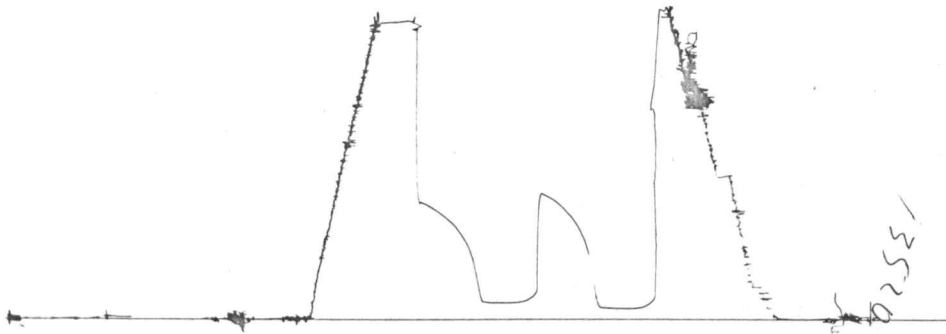
TIME SET PACKER(S): 1:58 AM TIME STARTED OFF BOTTOM: 5:00 AM
WELL TEMPERATURE: 108 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1635 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 54 PSI TO (C) 63 PSI
INITIAL CLOSED IN PERIOD MIN: 42 (D) 668 PSI
FINAL FLOW PERIOD MIN: 45 (E) 83 PSI TO (F) 90 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 617 PSI
FINAL HYDROSTATIC PRESSURE (H) 1604 PSI

1049

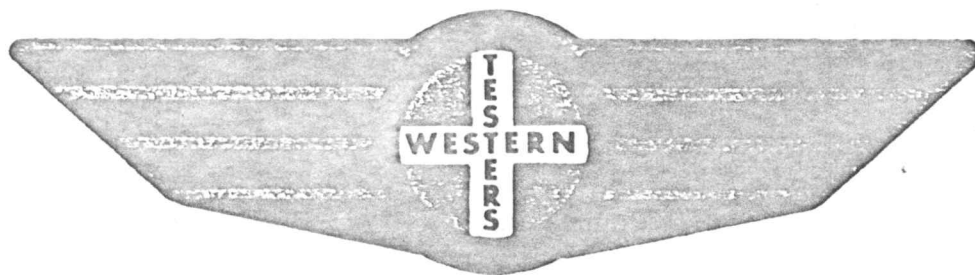
Q/A # 9190
I



Q/A # 9150
O



FORMATION TEST REPORT



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COMPANY PETROLEUM ENERGY, INC.

LEASE & WELL NO. #1 HAMMEL

SEC. 35 TWP. 19S RGE. 10W TEST NO. 2 DATE 12-2-85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12-2-85 TICKET #9191
CUSTOMER: PETROLEUM ENERGY INC. LEASE: HAMMEL
WELL: 1 TEST: 2 GEOLOGIST: M.J. WREATH
ELEVATION (KB): 1757 FORMATION: ARBUCKLE
SECTION: 35 TOWNSHIP: 19S
RANGE: 10W COUNTY: RICE STATE: KANSAS
GAUGE SN #1049 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 3257 FT TO: 3295 FT TOTAL DEPTH: 3295 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3252 FT SIZE: 6 5/8 IN PACKER DEPTH: 3257 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS RIG #2
MUD TYPE: STARCH VISCOSITY: 40
WEIGHT: 9.3 WATER LOSS (CC): 11.6
CHLORIDES (P.P.M.): 54000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 330 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2906 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 38 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:

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: MISRUN. NO PRESSURES. HIT BRIDGE
17 STANDS OFF BOTTOM.

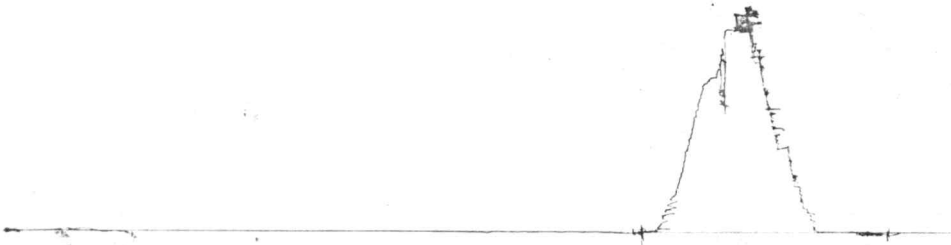
TIME SET PACKER(S): 5:30 AM
WELL TEMPERATURE: 0 °F

TIME STARTED OFF BOTTOM: 5:45 AM

INITIAL HYDROSTATIC PRESSURE:	(A)	PSI	
INITIAL FLOW PERIOD MIN: 0	(B) 0	PSI TO (C) 0	PSI
INITIAL CLOSED IN PERIOD MIN: 0	(D) 0	PSI	
FINAL FLOW PERIOD MIN: 0	(E) 0	PSI TO (F) 0	PSI
FINAL CLOSED IN PERIOD MIN: 0	(G) 0	PSI	
FINAL HYDROSTATIC PRESSURE	(H)	PSI	

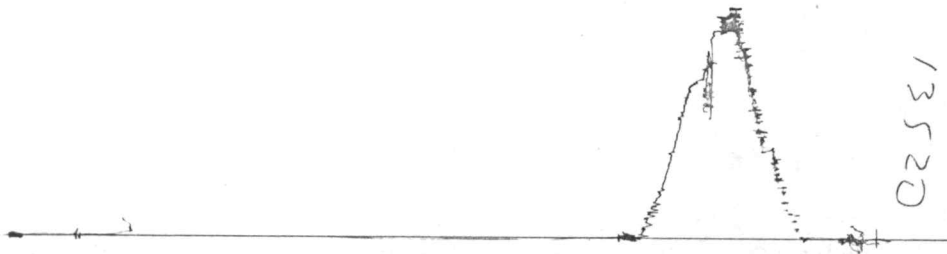
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KA # 9191
I.

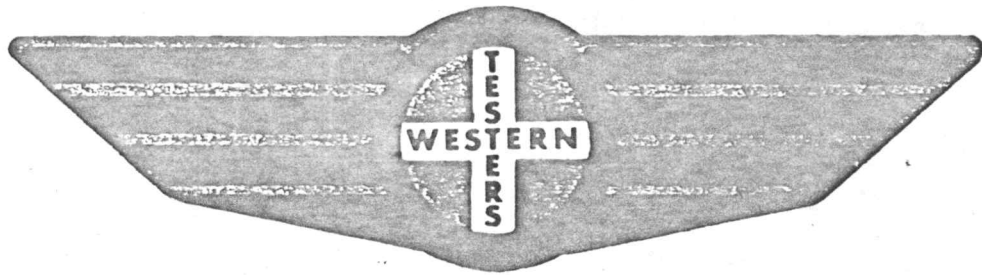


2K # 9191

O



FORMATION TEST REPORT



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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12-3-85
CUSTOMER: PETROLEUM ENERGY INC.
WELL: 1 TEST: 3
ELEVATION (KB): 1757 FORMATION: ARBUCKLE
SECTION: 35 TOWNSHIP: 19S
RANGE: 10W COUNTY: RICE STATE: KANSAS
GAUGE SN #1049 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 3257 FT TO: 3295 FT TOTAL DEPTH: 3295 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3252 FT SIZE: 6 5/8 IN PACKER DEPTH: 3257 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS RIG #2
MUD TYPE: STARCH VISCOSITY: 52
WEIGHT: 9.8 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 58000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? YES

DRILL COLLAR LENGTH: 330 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2906 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 38 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 STRONG BLOW
THROUGHOUT. FINAL FLOW PERIOD
GOOD BLOW DECREASING THROUGHOUT
SECOND OPENING.

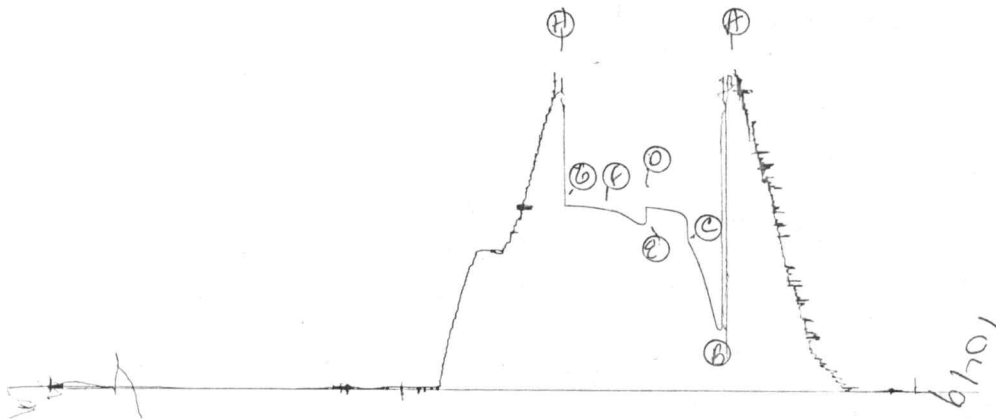
RECOVERED: 660 FT OF: MUDDY WATER.
RECOVERED: 1510 FT OF: SALT WATER.
RECOVERED: FT OF: CHLORIDES 28000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

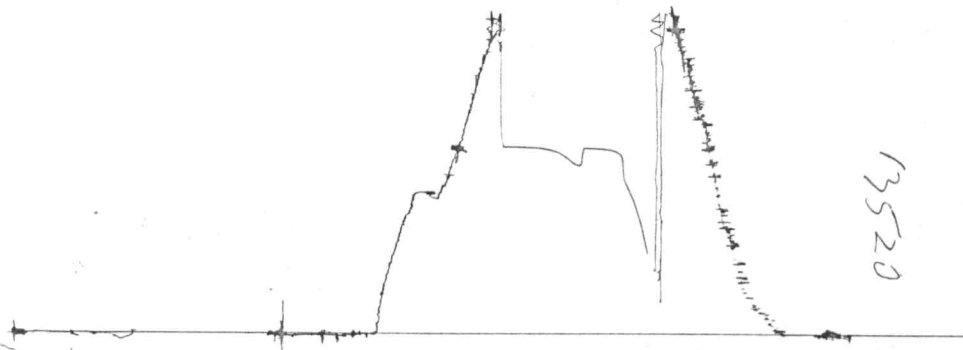
TIME SET PACKER(S): 6:28 AM
WELL TEMPERATURE: 110 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 30
FINAL FLOW PERIOD MIN: 30
FINAL CLOSED IN PERIOD MIN: 30
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 8:30 AM
(A) 1642 PSI
(B) 340 PSI TO (C) 821 PSI
(D) 1012 PSI
(E) 915 PSI TO (F) 998 PSI
(G) 1017 PSI
(H) 1634 PSI

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