

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/10/85
CUSTOMER: AMERICAN ENERGIES CORPORATION
WELL: 1 TEST: 1
ELEVATION (KB): 0 FORMATION: CHEROKEE
SECTION: 34 TOWNSHIP: 16S
RANGE: 21W COUNTY: NESS STATE: KANSAS
GAUGE SN #6077 RANGE: 4700 CLOCK: 12

INTERVAL TEST FROM: 4103 FT TO: 4114 FT TOTAL DEPTH: 4114 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4098 FT SIZE: 6 5/8 IN PACKER DEPTH: 4103 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: THUNDERBIRD DRLG
MUD TYPE: CHEMICAL VISCOSITY: 51
WEIGHT: WATER LOSS (CC):
CHLORIDES (P.P.M.): 16000
JARS - MAKE: WTC SERIAL NUMBER: 417
DID WELL FLOW? NO REVERSED OUT? YES
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 567 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3508 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 11 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: VERY STRONG BLOW. OFF BOTTOM OF
BUCKET DURING FIRST MINUTE;
THROUGHOUT TEST.

RECOVERED: 2700 FT OF: GASSY OIL (27% GAS; 72% OIL; 1% WATER).
RECOVERED: 120 FT OF: FROTHY MUD CUT OIL.
RECOVERED: FT OF: (23% GAS; 11% MUD; 63% OIL; 3% WATER).
RECOVERED: FT OF: (45 GRAVITY).
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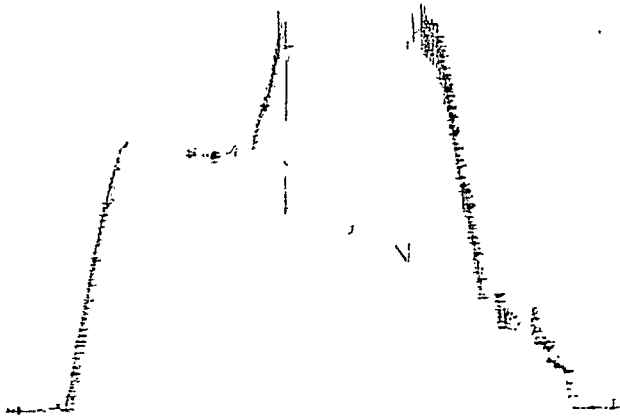
REMARKS: GAS TO SURFACE IN 15 MINUTES ON
THE FINAL SHUT-IN; THRU 2" LINE.

TIME SET PACKER(S): 9:15 AM TIME STARTED OFF BOTTOM: 10:40 AM
WELL TEMPERATURE: 117 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2048 PSI
INITIAL FLOW PERIOD MIN: 10 (B) 792 PSI TO (C) 886 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 994 PSI
FINAL FLOW PERIOD MIN: 15 (E) 948 PSI TO (F) 977 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 998 PSI
FINAL HYDROSTATIC PRESSURE (H) 2033 PSI

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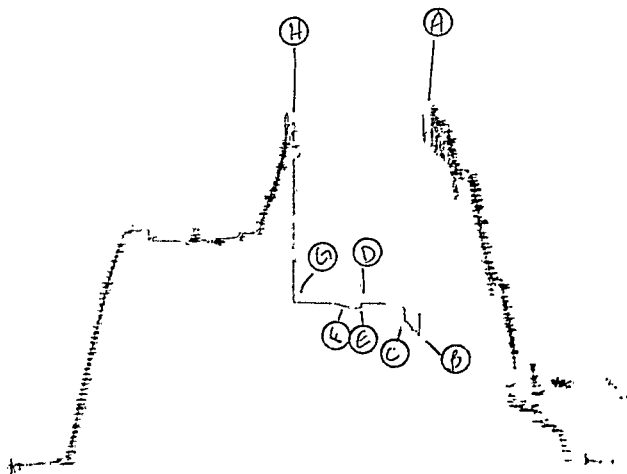
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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/11/85
CUSTOMER: AMERICAN ENERGIES CORPORATION
WELL: 1
ELEVATION (KB): 0
SECTION: 34
RANGE: 21W
GAUGE SN #6077

TEST: 2
FORMATION: CHEROKEE
TOWNSHIP: 16S
COUNTY: NESS
RANGE: 4700

TICKET #7603
LEASE: "E" DAVIS
GEOLOGIST: CARNES
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4130 FT TO: 4140 FT TOTAL DEPTH: 4140 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4125 FT SIZE: 6 5/8 IN Packer DEPTH: 4130 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: THUNDERBIRD DRLG
MUD TYPE: CHEMICAL VISCOSITY: 45
WEIGHT: 9.6 WATER LOSS (CC): 16.0
CHLORIDES (P.P.M.): 17000

JARS - MAKE: WTC SERIAL NUMBER: 417
DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH:	FT	I.D.:	IN
WEIGHT PIPE LENGTH:	567 FT	I.D.:	2.7 IN
DRILL PIPE LENGTH:	3535 FT	I.D.:	3.8 IN
TEST TOOL LENGTH:	28 FT	TOOL SIZE:	5 1/2 OD IN
ANCHOR LENGTH:	10 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: INITIAL FLOW PERIOD FAIR BLOW INCREASING
TO A STRONG 13" BLOW. FINAL FLOW
PERIOD FAIR BLOW INCREASING TO
OFF BOTTOM OF BUCKET BY THE END.

RECOVERED: 60	FT	OF: SLIGHTLY OIL CUT WATERY MUD.
RECOVERED:	FT	OF: (4% OIL; 48% WATER; 48% MUD).
RECOVERED: 60	FT	OF: WATERY MUD (84% WATER; 16% MUD; TRACE OF OIL).
RECOVERED: 720	FT	OF: WATER.
RECOVERED:	FT	OF: CHLORIDES 31000 PPM.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 11:35 PM

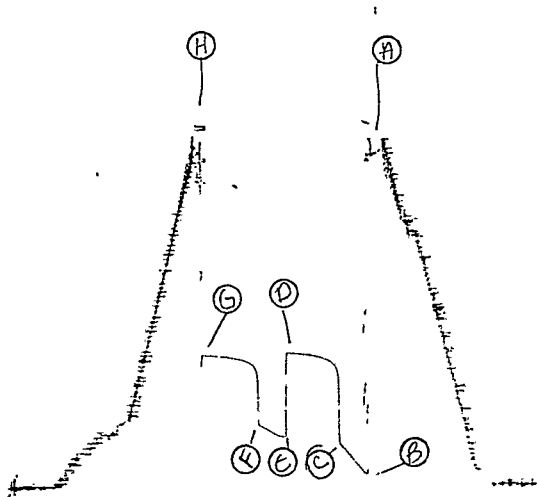
TIME STARTED OFF BOTTOM: 1:40 AM

WELL TEMPERATURE: 118 °F

INITIAL HYDROSTATIC PRESSURE:	(A) 2084	PSI
INITIAL FLOW PERIOD MIN: 20	(B) 73	PSI TO (C) 260 PSI
INITIAL CLOSED IN PERIOD MIN: 39	(D) 828	PSI
FINAL FLOW PERIOD MIN: 20	(E) 306	PSI TO (F) 377 PSI
FINAL CLOSED IN PERIOD MIN: 42	(G) 815	PSI
FINAL HYDROSTATIC PRESSURE	(H) 2060	PSI

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