

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 11/2/83 TICKET #2592
CUSTOMER: GEAR PETROLEUM CO. INC. LEASE: RYAN
WELL: #1-30 TEST: 1 GEOLOGIST: G.ZORGER
ELEVATION (KB): 2293 FORMATION: CHEROKEE SAND
SECTION: 30 TOWNSHIP: 19S
RANGE: 20W COUNTY: RUSH STATE: KANSAS
GAUGE SN #1560 RANGE: 4500 CLOCK: 12

INTERVAL TEST FROM: 4320 FT TO: 4349 FT TOTAL DEPTH: 4349 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4315 FT SIZE: 6 5/8 IN PACKER DEPTH: 4320 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: KAW DRLG #1
MUD TYPE: STARCH VISCOSITY: 42
WEIGHT: 9.7 WATER LOSS (CC): 13.6
CHLORIDES (P.P.M.): 46000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 300 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3999 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 29 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 XH IN

BLOW: INITIAL FLOW PERIOD STRONG BLOW
THROUGHOUT. FINAL FLOW PERIOD
STRONG BLOW DECREASING TO GOOD BLOW.

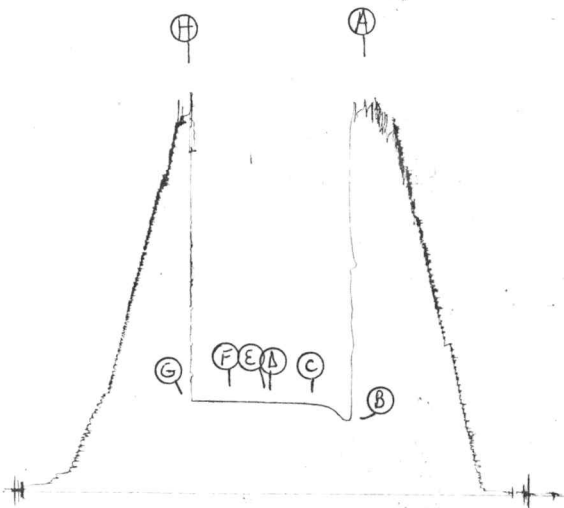
RECOVERED: 1150 FT OF: SALT WATER.
RECOVERED: FT OF: CHLORIDES 32000 P.P.M.
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REMARKS:

TIME SET PACKER(S): 10:50 P.M. TIME STARTED OFF BOTTOM: 12:50 A.M.
WELL TEMPERATURE: 124 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2261 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 440 PSI TO (C) 536 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 541 PSI
FINAL FLOW PERIOD MIN: 30 (E) 541 PSI TO (F) 547 PSI
FINAL CLOSED IN PERIOD MIN: 27 (G) 547 PSI
FINAL HYDROSTATIC PRESSURE (H) 2214 PSI

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 11/3/83	TICKET #2593
CUSTOMER: GEAR PETROLEUM CO. INC.	LEASE: RYAN
WELL: #1-30	TEST: 2
ELEVATION (KB): 2293	FORMATION: CHEROKEE SAND.
SECTION: 30	TOWNSHIP: 19S
RANGE: 20W	COUNTY: RUSH
GAUGE SN #1560	RANGE: 4500
	STATE: KANSAS
	CLOCK: 12

INTERVAL TEST FROM: 4358	FT	TO: 4366	FT	TOTAL DEPTH: 4366	FT
DEPTH OF SELECTIVE ZONE:				FT	
PACKER DEPTH: 4358	FT	SIZE: 6 5/8	IN	PACKER DEPTH:	FT
PACKER DEPTH:	FT	SIZE:	IN	PACKER DEPTH:	FT
				SIZE:	IN
				SIZE:	IN

DRILLING CONTRACTOR: KAW DRLG #1	
MUD TYPE: STARCH	VISCOSITY: 42
WEIGHT: 9.7	WATER LOSS (CC): 13.6
CHLORIDES (P.P.M.): 46000	
JARS - MAKE: W.T.C	SERIAL NUMBER: 411
DID WELL FLOW? NO	REVERSED OUT? NO
DRILL COLLAR LENGTH:	FT I.D.: IN
WEIGHT PIPE LENGTH: 300	FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 4032	FT I.D.: 3.8 IN
TEST TOOL LENGTH: 26	FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 8	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 XH IN

BLOW: INITIAL FLOW PERIOD VERY WEAK BLOW
DIED IN 8 MINUTES.

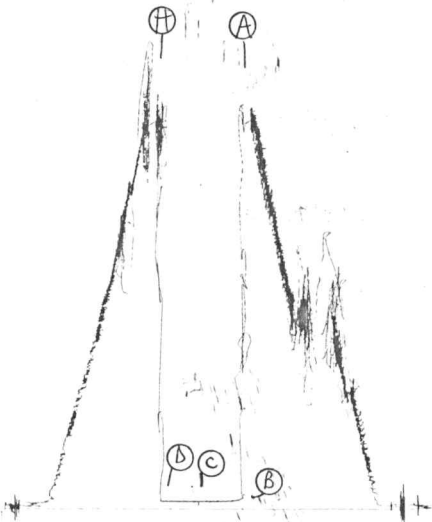
RECOVERED: 5	FT	OF: MUD
RECOVERED:	FT	OF:
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REMARKS:

TIME SET PACKER(S): 1:05 P.M.	TIME STARTED OFF BOTTOM: 2:05 P.M.
WELL TEMPERATURE: 115 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2260 PSI
INITIAL FLOW PERIOD	MIN: 30 (B) 47 PSI TO (C) 47 PSI
INITIAL CLOSED IN PERIOD	MIN: 30 (D) 50 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) 2244 PSI

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 11/4/83
CUSTOMER: GEAR PETROLEUM CO. INC.
WELL: #1-30 TEST: 3
ELEVATION (KB): 2293
SECTION: 30
RANGE: 20W COUNTY: RUSH
GAUGE SN #1560 RANGE: 4500
TICKET #2594
LEASE: RYAN
GEOLOGIST: GERRY ZORGER
FORMATION: CONGLOMERATE
TOWNSHIP: 19S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4390 FT TO: 4404 FT TOTAL DEPTH: 4434 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4390 FT SIZE: 6 5/8 IN PACKER DEPTH: 4404 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: KAW DRLG #1
MUD TYPE: STARCH VISCOSITY: 51
WEIGHT: 9.8 WATER LOSS (CC): 10.2
CHLORIDES (P.P.M.): 45000
JARS - MAKE: W.T.C. SERIAL NUMBER: 411
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 300 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 4088 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 32 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 14 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 XH IN

BLOW: INITIAL FLOW PERIOD VERY WEAK BLOW.
DIED IN 10 MINUTES.
FINAL FLOW PERIOD NO BLOW.

RECOVERED: 1 FT OF: MUD
RECOVERED: FT OF:
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REMARKS:

TIME SET PACKER(S): 6:00 P.M. TIME STARTED OFF BOTTOM: 8:00 P.M.
WELL TEMPERATURE: 117 'F
INITIAL HYDROSTATIC PRESSURE: (A) 2342 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 44 PSI TO (C) 44 PSI
INITIAL CLOSED IN PERIOD MIN: 27 (D) 65 PSI
FINAL FLOW PERIOD MIN: 30 (E) 46 PSI TO (F) 46 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 63 PSI
FINAL HYDROSTATIC PRESSURE (H) 2289 PSI

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