

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/22/84
CUSTOMER: GEAR PETROLEUM COMPANY INC.
WELL: 1-18 TEST: 1
ELEVATION (KB): 1978 FORMATION: SWOPE
SECTION: 18 TOWNSHIP: 33S
RANGE: 19W COUNTY: COMANCHE STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 4860 FT TO: 4915 FT TOTAL DEPTH: 4915 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4855 FT SIZE: 6 5/8 IN PACKER DEPTH: 4860 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: COUGAR DRLG
MUD TYPE: PREMIX VISCOSITY: 46
WEIGHT: 9.0 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 14000
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 365 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: 295 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 4180 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 55 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 WEAK BLOW.
FINAL FLOW PERIOD A FEW BUBBLES.

RECOVERED: 120 FT OF: DRILLING MUD.
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: SLID TOOL 12 FEET TO BOTTOM. AFTER
20 MINUTES; TOOL SLID ANOTHER 4 FEET.
THE U.S. POSTAL SERVICE MUTILATED
THIS TICKET AND BOTH CHARTS.

TIME SET PACKER(S): 1:45 AM TIME STARTED OFF BOTTOM: 3:45 AM
WELL TEMPERATURE: 128 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2397 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 87 PSI TO (C) 113 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 181 PSI
FINAL FLOW PERIOD MIN: 30 (E) 103 PSI TO (F) 103 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 108 PSI
FINAL HYDROSTATIC PRESSURE (H) 2376 PSI

2600 VST

LC# 7477

I

(H)

(A)

(G)

(K)

(E)

(D)

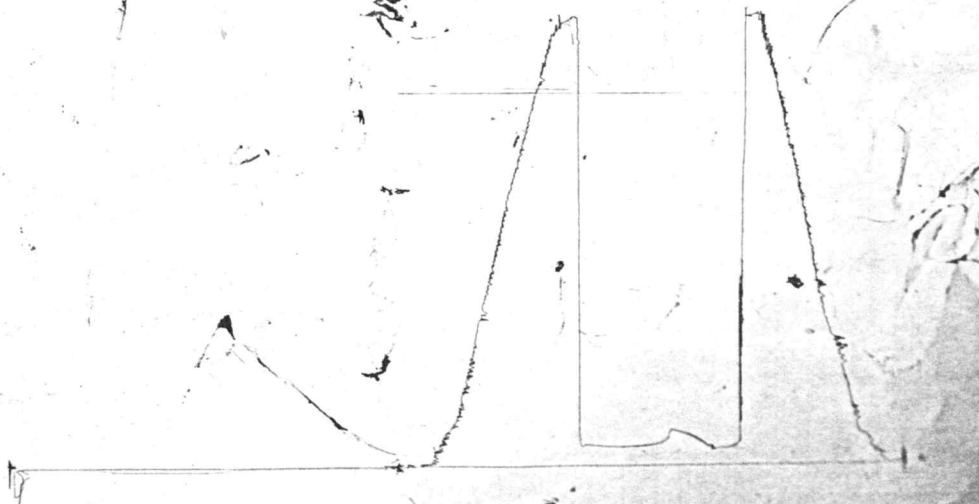
(C)

(B)

132471 DS#1

4CK 74/77

0



WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/23/84 TICKET #7478
CUSTOMER: GEAR PETROLEUM COMPANY INC. LEASE: BAKER
WELL: 1-18 TEST: 2 GEOLOGIST: GERLOCH
ELEVATION (KB): 1978 FORMATION: MISSISSIPPI
SECTION: 18 TOWNSHIP: 33S
RANGE: 19W COUNTY: COMANCHE STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 5189 FT TO: 5326 FT TOTAL DEPTH: 5326 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 5184 FT SIZE: 6 5/8 IN PACKER DEPTH: 5189 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: COUGAR
MUD TYPE: PREMIX VISCOSITY: 50
WEIGHT: 9.3 WATER LOSS (CC): 13.0
CHLORIDES (P.P.M.): 14000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 275 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: 295 FT I.D.: 3.6 IN
DRILL PIPE LENGTH: 4599 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 47 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: STRONG BLOW; GAS TO SURFACE 5 MINUTES. (SEE
ATTACHED GAS FLOW CHART.)

RECOVERED: 250 FT OF: GAS CUT MUD
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: 90 FEET OF DRILL COLLARS IN ANCHOR.

TIME SET PACKER(S): 8:45 P.M. TIME STARTED OFF BOTTOM: 12:45 A.M.
WELL TEMPERATURE: 131 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2623 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 140 PSI TO (C) 140 PSI
INITIAL CLOSED IN PERIOD MIN: 57 (D) 1905 PSI
FINAL FLOW PERIOD MIN: 60 (E) 111 PSI TO (F) 121 PSI
FINAL CLOSED IN PERIOD MIN: 87 (G) 1894 PSI
FINAL HYDROSTATIC PRESSURE (H) 2550 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 9/23/84
CUSTOMER: GEAR PETROLEUM COMPANY INC.
WELL: 1-18 TEST: 2
ELEVATION (KB): 1978
SECTION: 18
RANGE: 19W COUNTY: COM
GAUGE SN #2606 RANGE: 4150

TICKET #7478
LEASE: BAKER
GEOLOGIST: GERLOCH
MISSISSIPPI
33S
STATE: KANSAS
CLOCK: 12

(A)	INITIAL HYDROSTATIC PRESSURE:	2623	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	140	PSI
(C)	FIRST FINAL FLOW PRESSURE:	140	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	1905	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	111	PSI
(F)	SECOND FINAL FLOW PRESSURE:	121	PSI
(G)	FINAL CLOSED-IN PRESSURE:	1894	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	2550	PSI
WELL TEMPERATURE:		131	'F
OPEN TOOL: 8:45 P.M.			

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	57 MIN
SECOND FLOW PRESSURE:	60 MIN	60 MIN
FINAL CLOSED-IN PRESSURE:	90 MIN	87 MIN

PRESSURE BREAKDOWN

[illegible]

WESTERN TESTING COMPANY INC.
GAS FLOW REPORT

DATE: 9/23/84

TICKET #7478

CUSTOMER: GEAR PETROLEUM COMPANY INC.

LEASE: BAKER

WELL: 1-18

TEST: 2

GEOLOGIST: GERLOCH

ELEVATION (KB): 1978

FORMATION: MISSISSIPPI

SECTION: 18

TOWNSHIP: 33S

RANGE: 19W

COUNTY: COMANCHE

STATE: KANSAS

GAUGE SN #2606

RANGE: 4150

CLOCK: 12

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

PRE FLOW

10	MERLA	1/2"	4 PSIG	68800 CFPD
20		"	20 PSIG	86300 " "
30		"	7 PSIG	94500 " "

SECOND FLOW

10	MERLA	1/2"	9 PSIG	108000 CFPD
20		"	7 PSIG	94500 " "
30		"	7 PSIG	94500 " "
40		"	7 PSIG	94500 " "
50		"	7 PSIG	94500 " "
60		"	7 PSIG	94500 " "

GAS BOTTLE SN #: 83

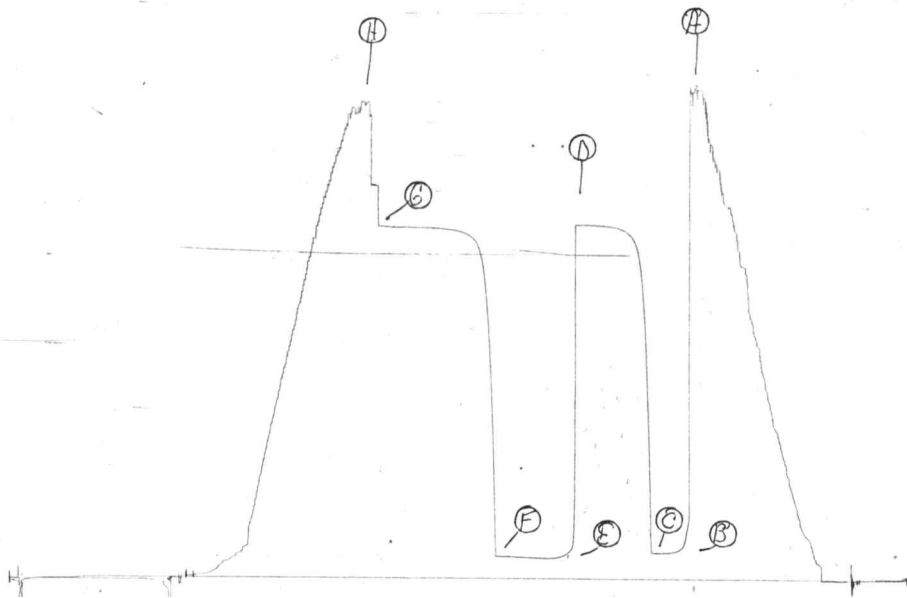
DATE BOTTLE FILLED: 9/23/84

DATE TO BE INVOICED:

2606. DISTA

TKT # 1418

I



13267 DST#2 TKT# 7478

0

