

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/5/83 TICKET #17657
CUSTOMER: VINCENT OIL CORPORATION LEASE: EDMONSTON
WELL: 1 TEST: 1 GEOLOGIST: L. FRIEND
ELEVATION (KB): 2226 FORMATION: MARMATON
SECTION: 31 TOWNSHIP: 29S
RANGE: 18W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #6077 RANGE: 4700 CLOCK: 12

INTERVAL TEST FROM: 4692 FT TO: 4819 FT TOTAL DEPTH: 4819 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4689 FT SIZE: 6 5/8 IN PACKER DEPTH: 4692 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SLAWSON #1
MUD TYPE: PREMIX VISCOSITY: 42
WEIGHT: 9.1 WATER LOSS (CC): 13.4
CHLORIDES (P.P.M.): 2000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4234 FT I.D.: 3.2 IN
TEST TOOL LENGTH: 22 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 127 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 F.H. IN

BLOW: STRONG BLOW. GAS TO SURFACE IN
10 MINUTES. SEE GAS FLOW REPORT.

RECOVERED: 520 FT OF: SLIGHTLY 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: TIGHT HOLE - SECOND FLOW PERIOD - WAITED 1 HOUR
BEFORE GAUGING GAS DUE TO FLUID BLOWING THRU
LINE. RECORDER 10266 CLOCKED STOPPED. READ
OUTSIDE CHART RECORDER 6077.

TIME SET PACKER(S): 1:30 A.M. TIME STARTED OFF BOTTOM: 6:00 A.M.
WELL TEMPERATURE: 134 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2303 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 441 PSI TO (C) 272 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1610 PSI
FINAL FLOW PERIOD MIN: 90 (E) 356 PSI TO (F) 262 PSI
FINAL CLOSED IN PERIOD MIN: 90 (G) 1605 PSI
FINAL HYDROSTATIC PRESSURE (H) 2289 PSI

WESTERN TESTING CO. INC.

TICKET #17657

LEASE: EDMONSTON

TEST: 1

GEOLOGIST: L. FRIEND

FORMATION: MARMATON

TOWNSHIP: 29S

COUNTY: KIOWA

STATE: KANSAS

RANGE: 4700

CLOCK: 12

PSI

PSI

PSI

PSI

PSI

PSI

PSI

PSI

'F

OPEN TOOL: 1:30 A.M.

TIME - GIVEN TIME - ACTUAL

45 MIN

45 MIN

90 MIN

90 MIN

PRESSURE BREAKDOWN

[illegible]

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 10/5/83
CUSTOMER: VINCENT OIL CORPORATION
WELL: 1 TEST: 1
ELEVATION (KB): 2226
SECTION: 31
RANGE: 18W
GAUGE SN #6077

COUNTY: KIOWA
RANGE: 4700

TICKET #17657
LEASE: EDMONSTON
GEOLOGIST: L. FRIEND
FORMATION: MARMATON
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

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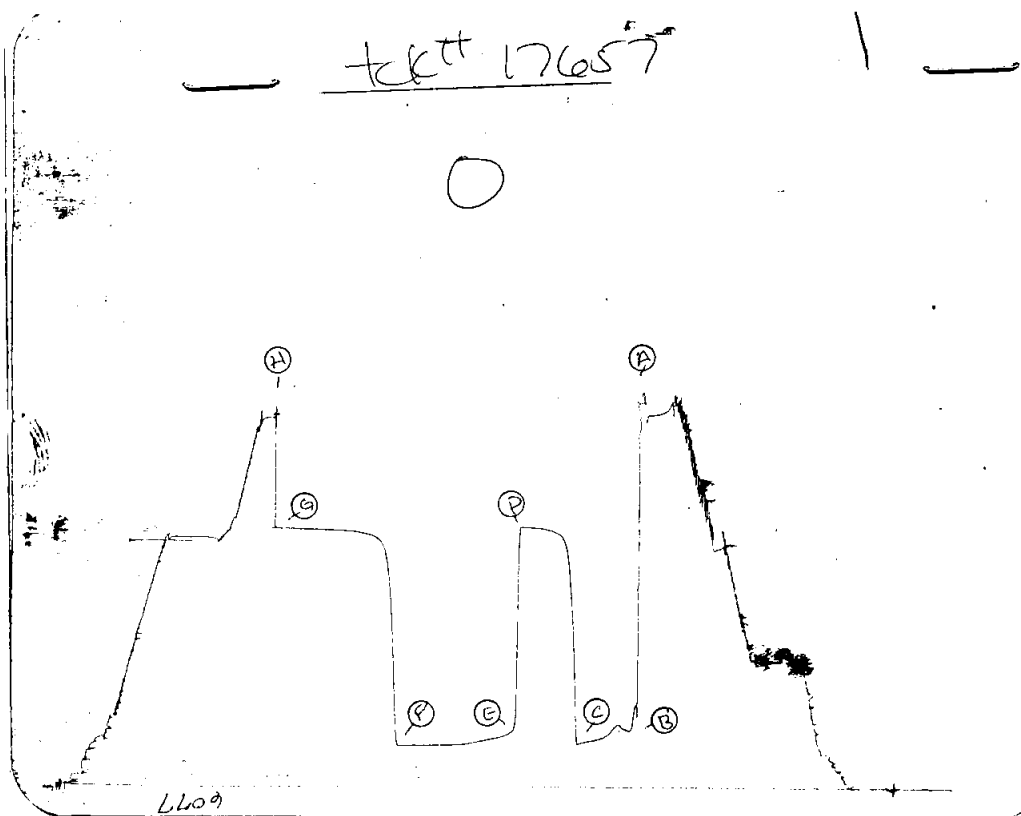
PRE FLOW

10				GAS TO SURFACE
20	WALTER REED	2	9 PSIG	2190000 CFPD
25		2	3 PSIG	1250000 CFPD
30		2	3 PSIG	1250000 CFPD
35		2	2.5 PSIG	1140000 CFPD
40		2	2.5 PSIG	1140000 CFPD
45		2	2.5 PSIG	1140000 CFPD

SECOND FLOW

5	WALTER REED	2	2 PSIG	1020000 CFPD
10		2	2 PSIG	1020000 CFPD
20		2	2 PSIG	1020000 CFPD
25		2	2 PSIG	1020000 CFPD
30		2	2 PSIG	1020000 CFPD

GAS BOTTLE SN #: 640
DATE BOTTLE FILLED: 10/5/83
DATE TO BE INVOICED: 10/5/83



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2421	2303	PSI
(B) First Initial Flow Pressure	333	441	PSI
(C) First Final Flow Pressure	273	272	PSI
(D) Initial Closed-in Pressure	1566	1610	PSI
(E) Second Initial Flow Pressure	285	356	PSI
(F) Second Final Flow Pressure	328	262	PSI
(G) Final Closed-in Pressure	1566	1605	PSI
(H) Final Hydrostatic Mud	2255	2289	PSI

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/5/83 TICKET #17658
CUSTOMER: VINCENT OIL CORPORATION LEASE: EDMONSTON
WELL: 1 TEST: 2 GEOLOGIST: L. FRIEND
ELEVATION (KB): 2226 FORMATION: MARMATON
SECTION: 31 TOWNSHIP: 29S
RANGE: 18W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #6077 RANGE: 4700 CLOCK: 12

INTERVAL TEST FROM: 4816 FT TO: 4845 FT TOTAL DEPTH: 4845 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4813 FT SIZE: 6 5/8 IN PACKER DEPTH: 4816 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SLAWSON

MUD TYPE: PREMIX VISCOSITY: 45
WEIGHT: 9.3 WATER LOSS (CC): 13.4

CHLORIDES (P.P.M.): 19000

JARS - MAKE: NO

SERIAL NUMBER:

DID WELL FLOW?

REVERSED OUT?

DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4358 FT I.D.: 3.2 IN
TEST TOOL LENGTH: 22 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 F.H. IN

BLOW:

RECOVERED: 130 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: NEEDLE VALVE PLUGED ON FLOOR MANIFOLD - NEVER
GOT BLOW IN BUCKET. REASON FOR TEST BEING CUT
SHORT.

TIME SET PACKER(S): 8:55 P.M.

TIME STARTED OFF BOTTOM: 10:15 P.M.

WELL TEMPERATURE: 136 °F

INITIAL HYDROSTATIC PRESSURE:

(A) 2452 PSI

INITIAL FLOW PERIOD

MIN: 20

(B) 64

PSI TO (C) 100 PSI

INITIAL CLOSED IN PERIOD

MIN: 15

(D) 125

PSI

FINAL FLOW PERIOD

MIN: 15

(E) 106

PSI TO (F) 125 PSI

FINAL CLOSED IN PERIOD

MIN: 30

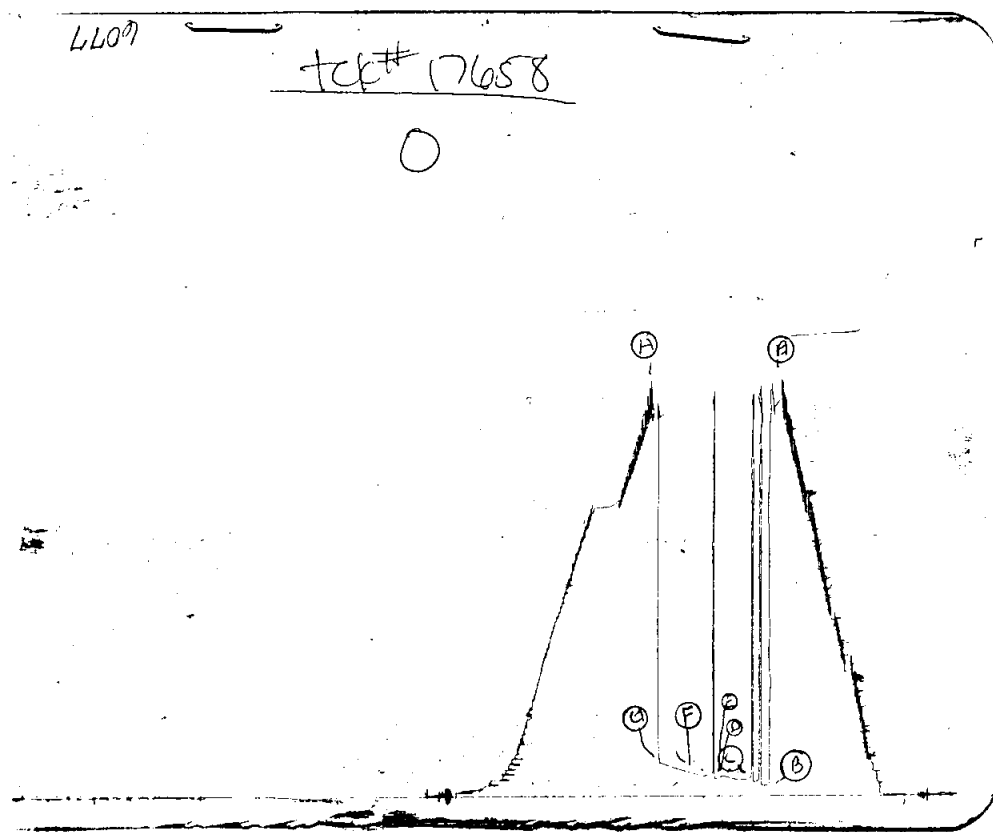
(G) 203

PSI

FINAL HYDROSTATIC PRESSURE

(H) 2430

PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2421	2452	PSI
(B) First Initial Flow Pressure	47	64	PSI
(C) First Final Flow Pressure	71	100	PSI
(D) Initial Closed-in Pressure	107	125	PSI
(E) Second Initial Flow Pressure	95	106	PSI
(F) Second Final Flow Pressure	95	125	PSI
(G) Final Closed-in Pressure	190	203	PSI
(H) Final Hydrostatic Mud	2398	2430	PSI

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/6/83
CUSTOMER: VINCENT OIL CORPORATION
WELL: 1 TEST: 3
ELEVATION (KB): 2226 FORMATION: CHEROKEE LIME
SECTION: 31 TOWNSHIP: 29S
RANGE: 18W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #11019 RANGE: 4500 CLOCK: 12

INTERVAL TEST FROM: 4841 FT TO: 4919 FT TOTAL DEPTH: 4919 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4836 FT SIZE: 6 5/8 IN PACKER DEPTH: 4841 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

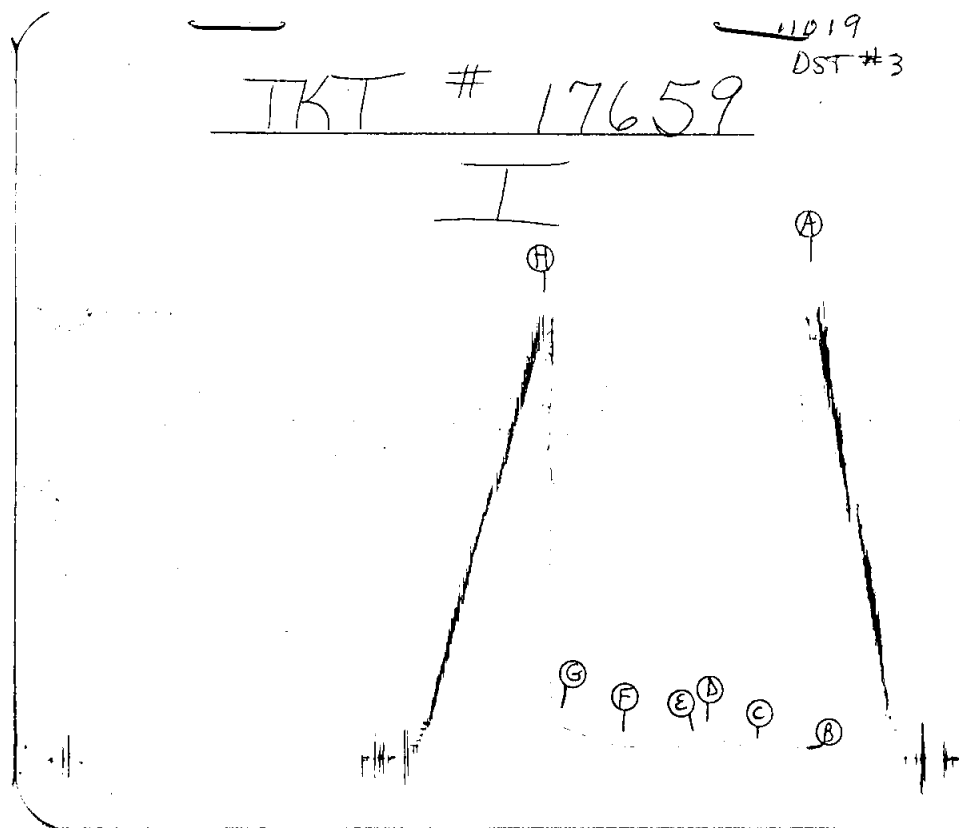
DRILLING CONTRACTOR: SLAWSON
MUD TYPE: PREMIX VISCOSITY: 49
WEIGHT: 9.3 WATER LOSS (CC): 14.9
CHLORIDES (P.P.M.): 20000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT?
DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4383 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 22 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 78 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 F.H. IN

BLOW: WEAK BLOW THROUGHOUT INITIAL FLOW PERIOD.
WEAK BUILDING TO GOOD BLOW ON FINAL FLOW PERIOD.
HOSE 6" IN BUCKET.

RECOVERED: 70	FT	OF: GAS CUT MUD
RECOVERED:	FT	OF: 95% MUD; 5% GAS; SHOW OF OIL
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: TIGHT HOLE

TIME SET PACKER(S): 4:50 P.M.	TIME STARTED OFF BOTTOM: 8:05 P.M.
WELL TEMPERATURE: 132 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2452 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 66 PSI TO (C) 66 PSI
INITIAL CLOSED IN PERIOD MIN: 39	(D) 143 PSI
FINAL FLOW PERIOD MIN: 60	(E) 75 PSI TO (F) 75 PSI
FINAL CLOSED IN PERIOD MIN: 51	(G) 206 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2452 PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2522	2452	PSI
(B) First Initial Flow Pressure	56	66	PSI
(C) First Final Flow Pressure	56	66	PSI
(D) Initial Closed-in Pressure	124	143	PSI
(E) Second Initial Flow Pressure	56	75	PSI
(F) Second Final Flow Pressure	56	75	PSI
(G) Final Closed-in Pressure	181	206	PSI
(H) Final Hydrostatic Mud	2397	2452	PSI

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/7/83 TICKET #17660
CUSTOMER: VINCENT OIL CORPORATION LEASE: EDMONSTON
WELL: 1 TEST: 4 GEOLOGIST: L. FRIEND
ELEVATION (KB): 2226 FORMATION: MISSISSIPPI
SECTION: 31 TOWNSHIP: 29S
RANGE: 18W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #6246 RANGE: 5200 CLOCK: 12

INTERVAL TEST FROM: 4915 FT TO: 4975 FT TOTAL DEPTH: 4975 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4910 FT SIZE: 6 5/8 IN PACKER DEPTH: 4915 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

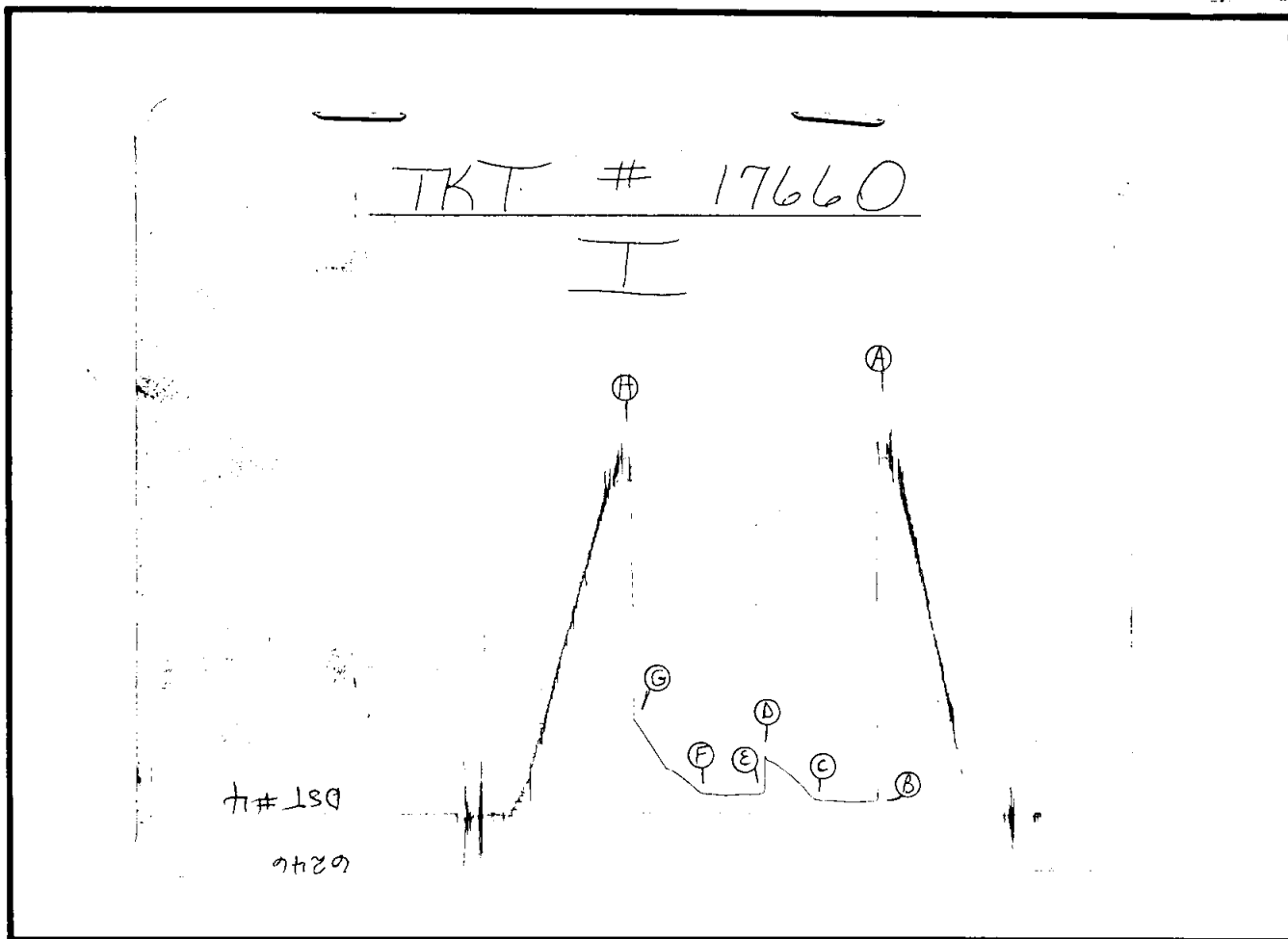
DRILLING CONTRACTOR: SLAWSON
MUD TYPE: PREMIX VISCOSITY: 47
WEIGHT: 9.5 WATER LOSS (CC): 14.4
CHLORIDES (P.P.M.): 14000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4487 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 22 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 60 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 F.H. IN

BLOW: WEAK BUILDING TO STRONG BLOW ON INITIAL OPENING.
GOOD BLOW BUILDING TO STRONG BLOW ON FINAL
FLOW PERIOD.

RECOVERED: 125 FT OF: SLIGHTLY OIL & GAS CUT MUD
RECOVERED: FT OF: 3% OIL; 10% GAS; 87% MUD
RECOVERED: 60 FT OF: OIL & GAS CUT MUD
RECOVERED: FT OF: 30% OIL; 15% GAS; 45% MUD; 5% WATER
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: TIGHT HOLE - ONE CHART

TIME SET PACKER(S): 1:20 P.M. TIME STARTED OFF BOTTOM: 4:35 P.M.
WELL TEMPERATURE: 117 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2572 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 80 PSI TO (C) 94 PSI
INITIAL CLOSED IN PERIOD MIN: 42 (D) 397 PSI
FINAL FLOW PERIOD MIN: 45 (E) 127 PSI TO (F) 138 PSI
FINAL CLOSED IN PERIOD MIN: 54 (G) 644 PSI
FINAL HYDROSTATIC PRESSURE (H) 2458 PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2566	2572	PSI
(B) First Initial Flow Pressure	78	80	PSI
(C) First Final Flow Pressure	78	94	PSI
(D) Initial Closed-in Pressure	379	397	PSI
(E) Second Initial Flow Pressure	117	127	PSI
(F) Second Final Flow Pressure	117	138	PSI
(G) Final Closed-in Pressure	641	644	PSI
(H) Final Hydrostatic Mud	2462	2458	PSI

WESTERN TESTING CO., INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/8/83
CUSTOMER: VINCENT OIL CORPORATION
WELL: 1 TEST: 5
ELEVATION (KB): 2226 FORMATION: MISSISSIPPI
SECTION: 31 TOWNSHIP: 29S
RANGE: 18W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #6246 RANGE: 5200 CLOCK: 12

INTERVAL TEST FROM: 4975 FT TO: 4998 FT TOTAL DEPTH: 4998 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4970 FT SIZE: 6 5/8 IN Packer DEPTH: 4975 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

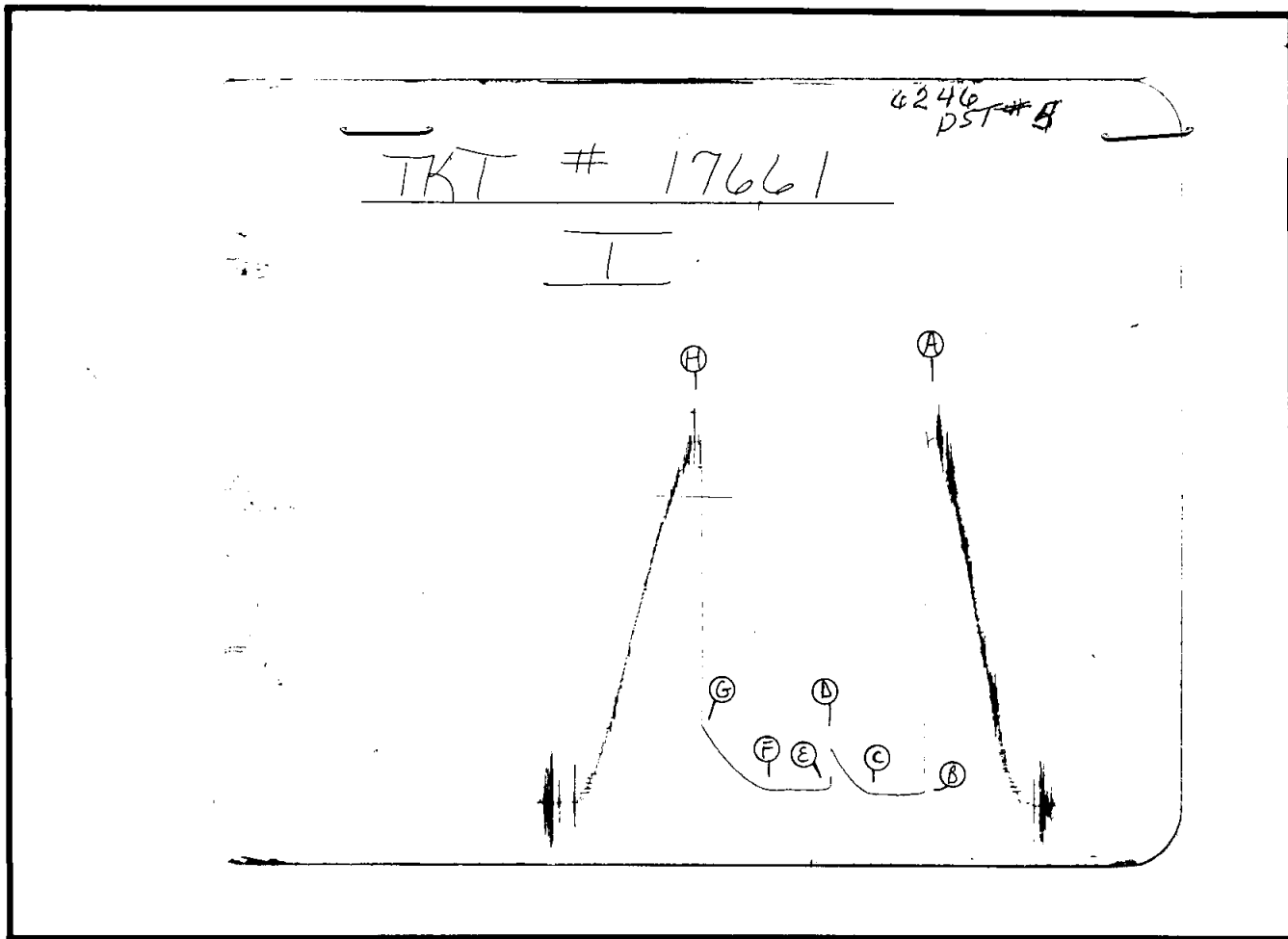
DRILLING CONTRACTOR: SLAWSON #1
MUD TYPE: PREMIX VISCOSITY: 47
WEIGHT: 9.5 WATER LOSS (CC): 14.4
CHLORIDES (P.P.M.): 14000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4517 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 22 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 23 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 F.H. IN

BLOW: VERY WEAK BLOW ON INITIAL FLOW PERIOD.
HOSE 1/2" IN WATER.
WEAK BLOW BUILDING THEN DIEING DOWN TO STABLIZE
AT ABOUT 1" IN BUCKET.

RECOVERED: 65	FT	OF: SLIGHTLY OIL & GAS CUT MUD
RECOVERED:	FT	OF: 76% MUD; 10% WATER; 2% OIL; 12% GAS
RECOVERED: 60	FT	OF: SLIGHTLY OIL & GAS CUT MUD
RECOVERED:	FT	OF: 12% WATER; 60% MUD; 5% OIL; 23% GAS
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: TIGHT HOLE - ONE CHART

TIME SET PACKER(S): 5:00 A.M.	TIME STARTED OFF BOTTOM: 8:00 A.M.
WELL TEMPERATURE: 135 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2510 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 46 PSI TO (C) 51 PSI
INITIAL CLOSED IN PERIOD MIN: 42	(D) 368 PSI
FINAL FLOW PERIOD MIN: 45	(E) 78 PSI TO (F) 80 PSI
FINAL CLOSED IN PERIOD MIN: 54	(G) 525 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2498 PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2592	2510	PSI
(B) First Initial Flow Pressure	65	46	PSI
(C) First Final Flow Pressure	65	51	PSI
(D) Initial Closed-in Pressure	366	368	PSI
(E) Second Initial Flow Pressure	91	78	PSI
(F) Second Final Flow Pressure	91	80	PSI
(G) Final Closed-in Pressure	510	525	PSI
(H) Final Hydrostatic Mud	2501	2498	PSI