

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

RECEIVED

JUN 13 '83

GREAT BEND
Division Office

DATE: 5/23/83
CUSTOMER: SUNBURST EXPLORATION
WELL: 1
ELEVATION (KB): 2831
SECTION: 7
RANGE: 32W
GAUGE SN #6074

TEST: 1
FORMATION: LANSING B
TOWNSHIP: 14S
COUNTY: LOGAN
RANGE: 5100

TICKET #11315
LEASE: RINER
GEOLOGIST:
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3848 FT TO: 3900 FT TOTAL DEPTH: 3900 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3843 FT SIZE: 6 5/8 IN PACKER DEPTH: 3848 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ABERCROMBIE
MUD TYPE: STARCH VISCOSITY: 42
WEIGHT: 9.5 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 55000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 139 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3785 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 26 FT TOOL SIZE: 4 3/4 IN
ANCHOR LENGTH: 52 FT SIZE: 5 1/2 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 GOOD BLOW
INCREASING TO 8 1/2 INCHES IN BUCKET.
FINAL FLOW PERIOD WEAK INCREASING BLOW
TO 4 INCHES IN BUCKET.

RECOVERED: 330	FT	OF: WATER	CHLORIDES 42000 PPM
RECOVERED:	FT	OF:	
RECOVERED:	FT	OF:	
RECOVERED:	FT	OF:	
RECOVERED:	FT	OF:	
RECOVERED:	FT	OF:	
RECOVERED:	FT	OF:	
RECOVERED:	FT	OF:	
RECOVERED:	FT	OF:	

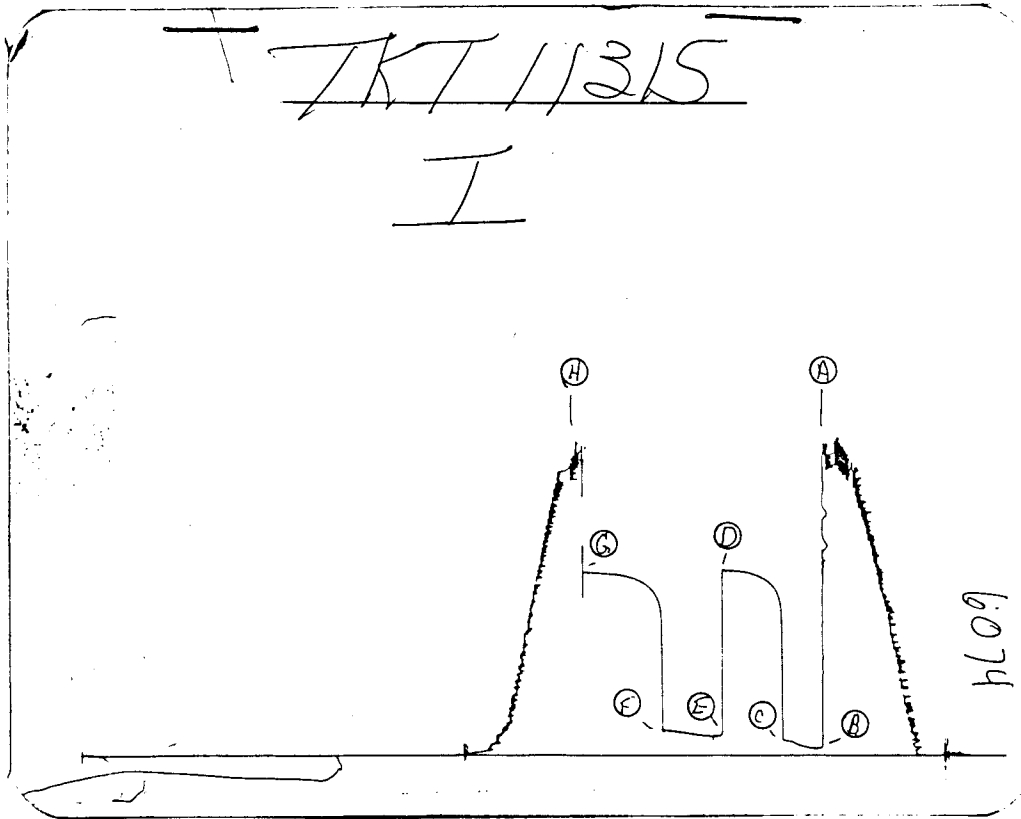
REMARKS:

TIME SET PACKER(S): 7:42 PM
WELL TEMPERATURE: 118 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 45
FINAL FLOW PERIOD MIN: 45
FINAL CLOSED IN PERIOD MIN: 60
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 10:42 PM

(A) 2062	PSI
(B) 51	PSI TO (C) 104 PSI
(D) 1231	PSI
(E) 132	PSI TO (F) 173 PSI
(G) 1215	PSI
(H) 2053	PSI

7-145-32W



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2069	2062	PSI
(B) First Initial Flow Pressure	38	51	PSI
(C) First Final Flow Pressure	102	104	PSI
(D) Initial Closed-in Pressure	1227	1231	PSI
(E) Second Initial Flow Pressure	115	132	PSI
(F) Second Final Flow Pressure	166	173	PSI
(G) Final Closed-in Pressure	1201	1215	PSI
(H) Final Hydrostatic Mud	2056	2053	PSI

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 5/24/83
CUSTOMER: SUNBURST EXPLORATION CO.
WELL: 1 TEST: 2
ELEVATION (KB): 2831 FORMATION: LANSING H & I
SECTION: 7 TOWNSHIP: 14S
RANGE: 32W COUNTY: LOGAN STATE: KANSAS
GAUGE SN #6074 RANGE: 5100 CLOCK: 12

INTERVAL TEST FROM: 3993 FT TO: 4045 FT TOTAL DEPTH: 4045 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3988 FT SIZE: 6 5/8 IN PACKER DEPTH: 3993 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ABERCROMBIE
MUD TYPE: STARCH VISCOSITY: 43
WEIGHT: 9.5 WATER LOSS (CC): 9.8
CHLORIDES (P.P.M.): 50000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT? YES
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 139 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3830 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 24 FT TOOL SIZE: 4 3/4 IN
ANCHOR LENGTH: 52 FT SIZE: 5 1/2 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 ON
BOTTOM OF BUCKET IN 7 MINUTES.
FINAL FLOW PERIOD STRONG BLOW ON
BOTTOM OF BUCKET IN 7 MINUTES.

RECOVERED: 105 FT OF: SULFUR WATER CHLORIDES 44000 PPM
RECOVERED: 830 FT OF: SLIGHTLY OIL SPOTTED SULFUR WATER
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

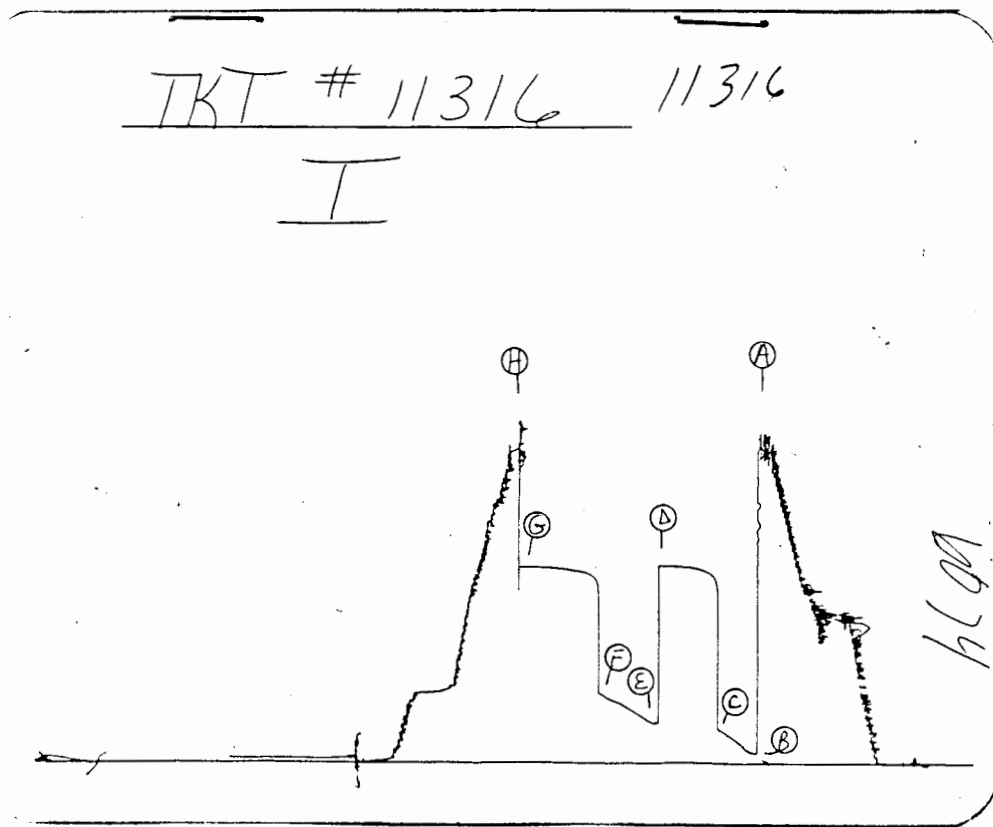
TIME SET PACKER(S): 8:12 PM

TIME STARTED OFF BOTTOM: 11:12 PM

WELL TEMPERATURE: 119 °F

INITIAL HYDROSTATIC PRESSURE: (A) 2089 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 63 PSI TO (C) 219 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1300 PSI
FINAL FLOW PERIOD MIN: 45 (E) 260 PSI TO (F) 450 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1287 PSI
FINAL HYDROSTATIC PRESSURE (H) 2056 PSI

7-145-32W



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2184	2089	PSI
(B) First Initial Flow Pressure	63	63	PSI
(C) First Final Flow Pressure	204	219	PSI
(D) Initial Closed-in Pressure	1290	1300	PSI
(E) Second Initial Flow Pressure	255	260	PSI
(F) Second Final Flow Pressure	447	450	PSI
(G) Final Closed-in Pressure	1278	1287	PSI
(H) Final Hydrostatic Mud	2171	2056	PSI

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 5/25/83
CUSTOMER: SUNBURST EXPLORATION CO.
WELL: 1 TEST: 3
ELEVATION (KB): 2831 FORMATION: LANSING J & K
SECTION: 7 TOWNSHIP: 14S
RANGE: 32W COUNTY: LOGAN STATE: KANSAS
GAUGE SN #6074 RANGE: 5100 CLOCK: 12

INTERVAL TEST FROM: 4043 FT TO: 4090 FT TOTAL DEPTH: 4090 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4038 FT SIZE: 6 5/8 IN PACKER DEPTH: 4043 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ABERCROMBIE
MUD TYPE: STARCH VISCOSITY: 47
WEIGHT: 9.5 WATER LOSS (CC): 10.0
CHLORIDES (P.P.M.): 50000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 139 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3880 FT I.D.: IN
TEST TOOL LENGTH: 24 FT TOOL SIZE: 4 3/8 IN
ANCHOR LENGTH: 47 FT SIZE: 5 1/2 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

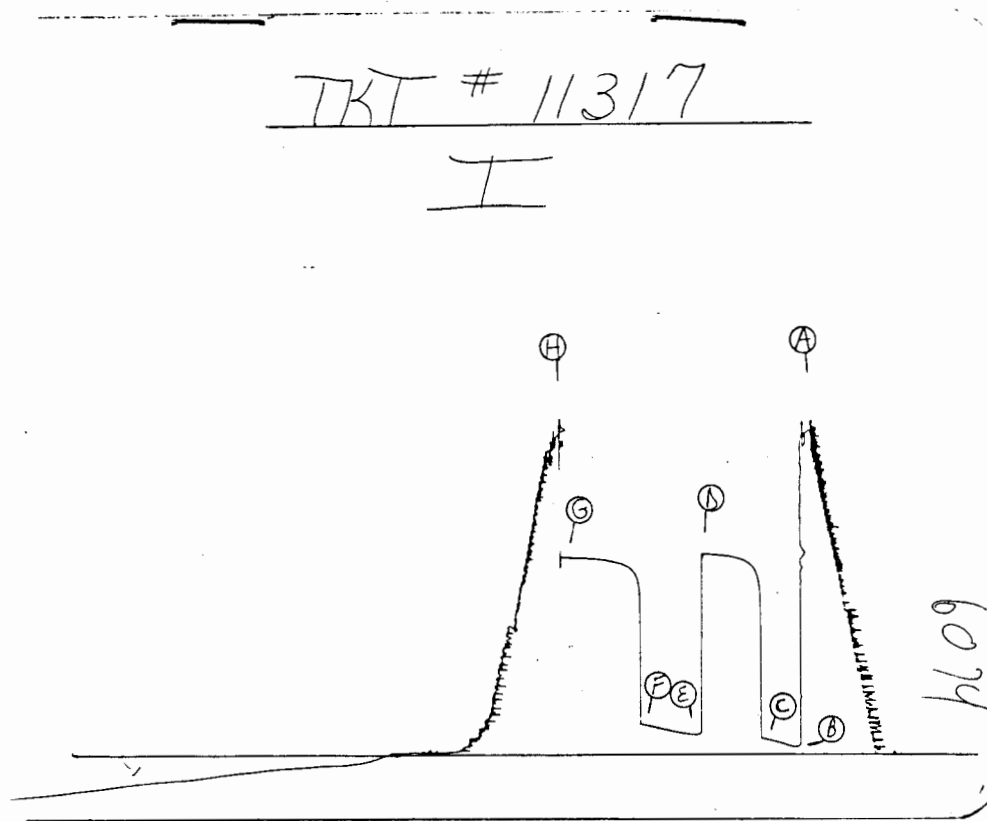
BLOW: INITIAL FLOW PERIOD GOOD DECREASING BLOW TO
8 INCHES IN BUCKET.
FINAL FLOW PERIOD GOOD DECREASING BLOW
TO 9 INCHES IN BUCKET.

RECOVERED: 390	FT	OF: WATER WITH SULFUR ODOR
RECOVERED:	FT	OF: CHLORIDES 43000 PPM
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 12:33 PM	TIME STARTED OFF BOTTOM: 3:33 PM
WELL TEMPERATURE: 119 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2120 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 53 PSI TO (C) 107 PSI
INITIAL CLOSED IN PERIOD MIN: 45	(D) 1328 PSI
FINAL FLOW PERIOD MIN: 45	(E) 133 PSI TO (F) 202 PSI
FINAL CLOSED IN PERIOD MIN: 60	(G) 1309 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2095 PSI

17-145-326



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2222	2120 PSI
(B) First Initial Flow Pressure	63	53 PSI
(C) First Final Flow Pressure	115	107 PSI
(D) Initial Closed-in Pressure	1329	1328 PSI
(E) Second Initial Flow Pressure	127	133 PSI
(F) Second Final Flow Pressure	204	202 PSI
(G) Final Closed-in Pressure	1303	1309 PSI
(H) Final Hydrostatic Mud	2209	2095 PSI