

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/9/83
CUSTOMER: HINKLE OIL COMPANY
WELL: 6 TEST: 1
ELEVATION (KB): 2112 FORMATION: LANSING
SECTION: 35 TOWNSHIP: 23S
RANGE: 18W COUNTY: PAWNEE STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

TICKET #2224
LEASE: "A" SPENCE
GEOLOGIST: RAMSEY

INTERVAL TEST FROM: 4050 FT TO: 4085 FT TOTAL DEPTH: 4085 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4050 FT SIZE: 6 5/8 IN PACKER DEPTH: 4045 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS
MUD TYPE: STASALTCLA VISCOSITY: 35
WEIGHT: 9.3 WATER LOSS (CC): 13.2
CHLORIDES (P.P.M.): 48000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? GAS REVERSED OUT?
DRILL COLLAR LENGTH: 418 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3611 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 1/2 IN
ANCHOR LENGTH: 35 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 WEAK BLOW BUILDING
TO A STRONG BLOW IN 4 MINUTES.
FINAL FLOW PERIOD STRONG BLOW. GAS TO SURFACE
IN 1 MINUTE. SEE ATTACHED GAS SHEET.

RECOVERED: 90 FT OF: SLIGHTLY OIL & GAS CUT MUD
RECOVERED: FT OF: 68% MUD; 7% WATER; 10% OIL; 15% GAS
RECOVERED: 60 FT OF: OIL & GAS CUT MUD
RECOVERED: FT OF: 30% MUD; 16% WATER; 2% OIL; 25% GAS
RECOVERED: 60 FT OF: SLIGHTLY MUD CUT GASSY OIL
RECOVERED: FT OF: 5% MUD; 10% WATER; 41% OIL; 44% GAS
RECOVERED: 180 FT OF: VERY SLIGHT MUD CUT GASSY OIL
RECOVERED: FT OF: 2% MUD; 10% WATER; 68% OIL; 20% GAS
RECOVERED: 60 FT OF: GASSY OIL - 95% OIL; 5% GAS

REMARKS: CHLORIDES 47000 PPM
SLID TOOL 25 FT. TO BOTTOM.

TIME SET PACKER(S): 5:00 AM TIME STARTED OFF BOTTOM: 8:00 AM
WELL TEMPERATURE: 112 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2076 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 148 PSI TO (C) 155 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 689 PSI
FINAL FLOW PERIOD MIN: 60 (E) 159 PSI TO (F) 180 PSI
FINAL CLOSED IN PERIOD MIN: 63 (G) 693 PSI
FINAL HYDROSTATIC PRESSURE (H) 2054 PSI

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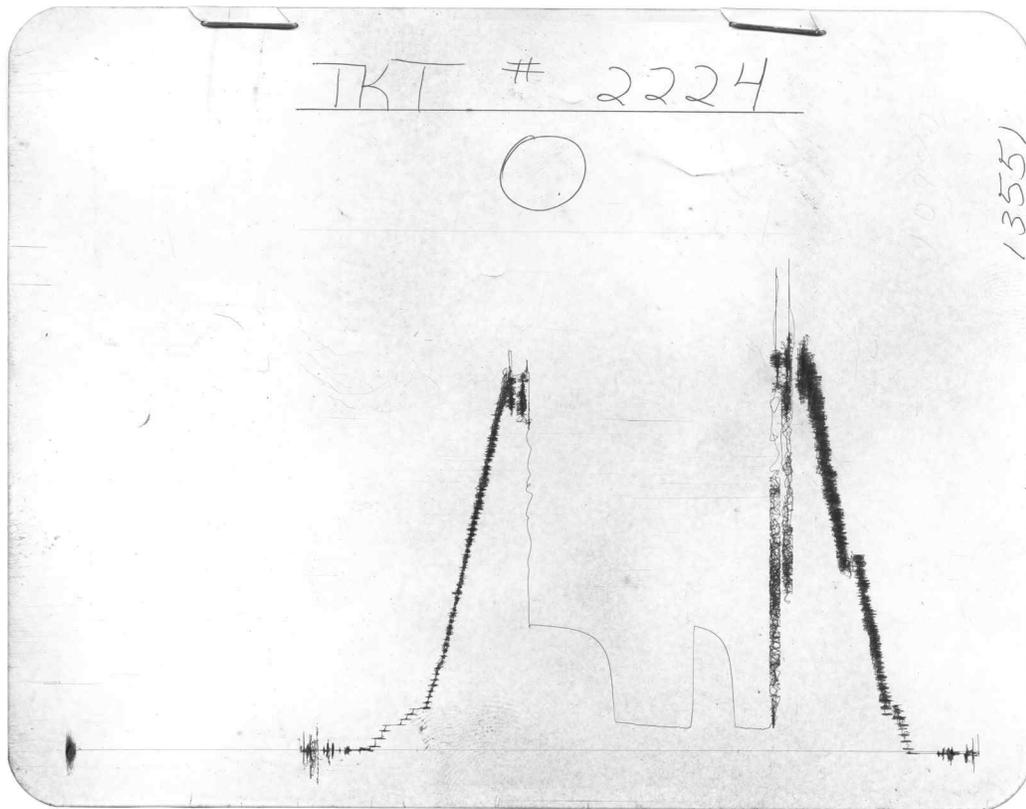
TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

SECOND FLOW

1				GAS TO SURFACE
5	MERLA	1/2	3" WTR	10900 CFPD
15		1/2	2" WTR	8870 CFPD
25		1/2	5" WTR	14100 CFPD
35		1/2	3" WTR	10900 CFPD
45		1/2	4" WTR	12500 CFPD
55		1/2	4" WTR	12500 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 8/9/83



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2072	2076	PSI
(B) First Initial Flow Pressure	150	148	PSI
(C) First Final Flow Pressure	150	155	PSI
(D) Initial Closed-in Pressure	685	689	PSI
(E) Second Initial Flow Pressure	160	159	PSI
(F) Second Final Flow Pressure	182	180	PSI
(G) Final Closed-in Pressure	685	693	PSI
(H) Final Hydrostatic Mud	2050	2054	PSI