

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/6/84 TICKET #2995
CUSTOMER: HILLENBURG OIL COMPANY LEASE: COLCLAZIER
WELL: 2 TEST: 1 GEOLOGIST: HILLENBURG
ELEVATION (KB): 2230 FORMATION: KINDERHOOK
SECTION: 6 TOWNSHIP: 28S
RANGE: 18W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 4826 FT TO: 4838 FT TOTAL DEPTH: 4838 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4826 FT SIZE: 6 5/8 IN PACKER DEPTH: 4821 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS DRLG
MUD TYPE: DRISPAC VISCOSITY: 43
WEIGHT: 9.5 WATER LOSS (CC): 13.6
CHLORIDES (P.P.M.): 21000
JARS - MAKE: WTC SERIAL NUMBER: 417
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 371 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4427 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 12 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.
FINAL FLOW PERIOD FAIR BLOW
BUILDING TO A GOOD BLOW.

RECOVERED: 10	FT	OF: SLIGHTLY OIL CUT MUD.
RECOVERED:	FT	OF: 92% MUD; 4% WATER; 4% OIL.
RECOVERED: 60	FT	OF: OIL & GAS CUT MUD.
RECOVERED:	FT	OF: 54% MUD; 4% WATER; 14% OIL; 28% GAS.
RECOVERED: 60	FT	OF: HEAVY GAS CUT MUDDY OIL.
RECOVERED:	FT	OF: 14% MUD; 5% WATER; 20% OIL; 61% GAS.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: SLID TOOL 3 FEET TO BOTTOM.

TIME SET PACKER(S): 5:30 AM	TIME STARTED OFF BOTTOM: 9:00 AM
WELL TEMPERATURE: 123 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2424 PSI
INITIAL FLOW PERIOD MIN: 45	(B) 64 PSI TO (C) 76 PSI
INITIAL CLOSED IN PERIOD MIN: 45	(D) 1186 PSI
FINAL FLOW PERIOD MIN: 60	(E) 93 PSI TO (F) 107 PSI
FINAL CLOSED IN PERIOD MIN: 63	(G) 1268 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2424 PSI

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PRESSURE DATA

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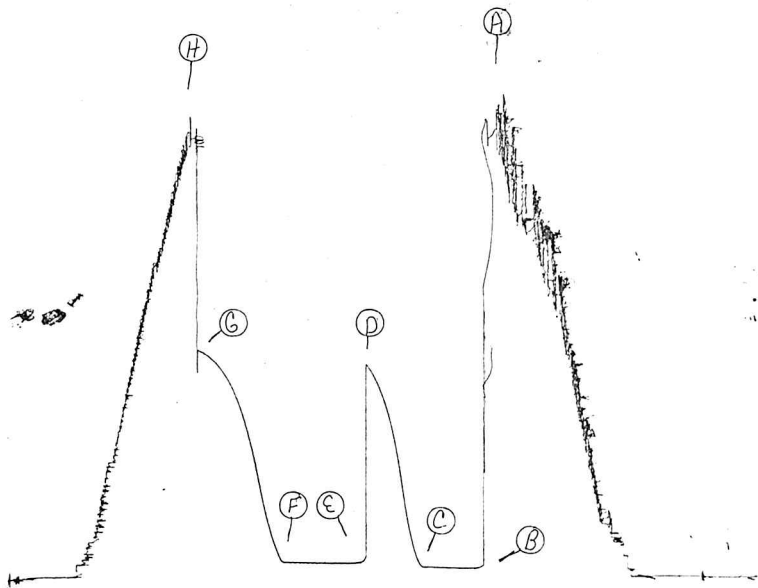
(A) INITIAL HYDROSTATIC PRESSURE: 2424 PSI
(B) FIRST INITIAL FLOW PRESSURE: 64 PSI
(C) FIRST FINAL FLOW PRESSURE: 76 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1186 PSI
(E) SECOND INITIAL FLOW PRESSURE: 93 PSI
(F) SECOND FINAL FLOW PRESSURE: 107 PSI
(G) FINAL CLOSED-IN PRESSURE: 1268 PSI
(H) FINAL HYDROSTATIC PRESSURE: 2424 PSI
WELL TEMPERATURE: 123 °F
OPEN TOOL: 5:30 AM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	45 MIN	45 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	45 MIN
SECOND FLOW PRESSURE:	60 MIN	60 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	63 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	64	0	76	0	93	0	107
2	5	64	3	103	5	93	3	191
3	10	64	6	160	10	93	6	254
4	15	64	9	246	15	93	9	327
5	20	64	12	347	20	93	12	423
6	25	70	15	487	25	93	15	524
7	30	72	18	650	30	93	18	624
8	35	73	21	749	35	97	21	724
9	40	75	24	840	40	100	24	802
10	45	76	27	923	45	102	27	885
11			30	989	50	104	30	947
12			33	1050	55	106	33	1006
13			36	1097	60	107	36	1052
14			39	1143			39	1097
15			42	1175			42	1136
16			45	1186			45	1167
17							48	1192
18							51	1215
19							54	1231
20							57	1248
21							60	1261
22							63	1268
23								
24								
25								
26								
27								
28								
29								
30								

TKT# 29.95

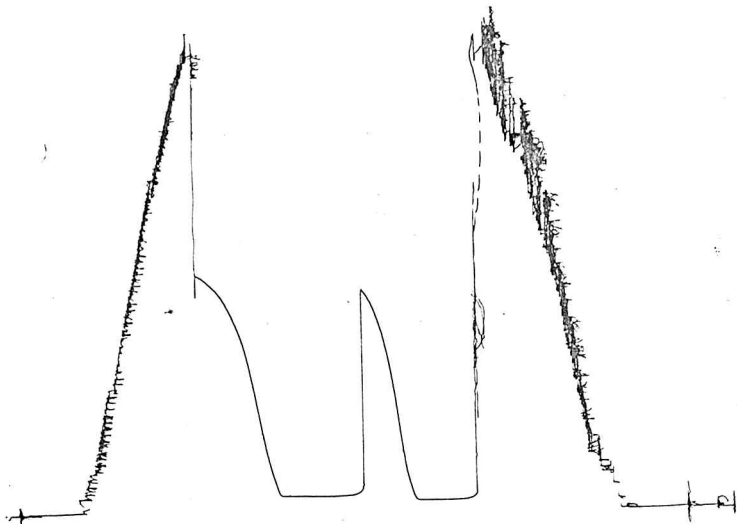
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TKT# 2995

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