

WESTERN TESTING COMPANY  
SUBSURFACE PRESSURE SURVEY

DATE: 5/27/83 TICKET #18876  
 CUSTOMER: DUANE EXPLORATION LTD. LEASE: "D" CROWLEY  
 WELL: 1 TEST: 1 GEOLOGIST: BILL JOHNSON  
 ELEVATION (KB): 1311 FORMATION: BARTELSVILLE  
 SECTION: 22 TOWNSHIP: 28S  
 RANGE: 5E COUNTY: BUTLER STATE: KANSAS  
 GAUGE SN #2605 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 2740 FT TO: 2766 FT TOTAL DEPTH: 2766 FT  
 DEPTH OF SELECTIVE ZONE: FT  
 PACKER DEPTH: 2740 FT SIZE: 6 3/4 IN PACKER DEPTH: 2735 FT SIZE: 6 3/4 IN  
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: MCALISTER

MUD TYPE: CHEMICAL VISCOSITY: 42  
 WEIGHT: 9.3 WATER LOSS (CC): 13.6

CHLORIDES (P.P.M.): 2000

JARS - MAKE: NO SERIAL NUMBER:

DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 300 FT I.D.: IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 2420 FT I.D.: IN

TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN

ANCHOR LENGTH: 26 FT SIZE: 5 1/2 IN

SURFACE CHOCKE SIZE: 3/4 IN BOTTOM CHOCKE SIZE: 3/4 IN

MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: VERY WEAK BLOW-DIED IN 10 MINUTES

ON INITIAL FLOW PERIOD.

NO BLOW ON FINAL FLOW PERIOD.

RECOVERED: 1 FT OF: MUD WITH OIL SPOTS

RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 4:00 TIME STARTED OFF BOTTOM:

WELL TEMPERATURE: 105 °F

INITIAL HYDROSTATIC PRESSURE:	(A) 1398	PSI			
INITIAL FLOW PERIOD	MIN: 30	(B) 15	PSI	TO (C) 17	PSI
INITIAL CLOSED IN PERIOD	MIN: 30	(D) 18	PSI		
FINAL FLOW PERIOD	MIN: 30	(E) 18	PSI	TO (F) 18	PSI
FINAL CLOSED IN PERIOD	MIN: 30	(G) 20	PSI		
FINAL HYDROSTATIC PRESSURE		(H) 1368	PSI		

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PRESSURE DATA

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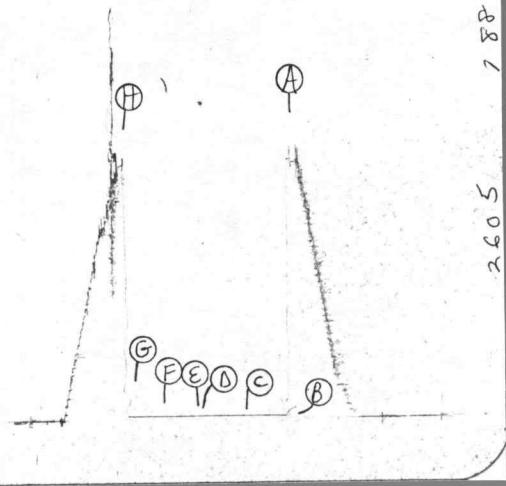
(A) INITIAL HYDROSTATIC PRESSURE:	1398	PSI
(B) FIRST INITIAL FLOW PRESSURE:	15	PSI
(C) FIRST FINAL FLOW PRESSURE:	17	PSI
(D) INITIAL CLOSED-IN PRESSURE:	18	PSI
(E) SECOND INITIAL FLOW PRESSURE:	18	PSI
(F) SECOND FINAL FLOW PRESSURE:	18	PSI
(G) FINAL CLOSED-IN PRESSURE:	20	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1368	PSI
WELL TEMPERATURE:	105	'F
OPEN TOOL: 4:00		

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	30 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	30 MIN

#### PRESSURE BREAKDOWN

TKT # 18876

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2605 18876 DST #