

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/11/83
CUSTOMER: LADD PETROLEUM CORPORATION
WELL: 9
ELEVATION (KB): 0
SECTION: 33
RANGE: 12W
GAUGE SN #13240

TEST: 1
FORMATION: ARBUCKLE
TOWNSHIP: 19S
COUNTY: BARTON
RANGE: 4500

TICKET #2273
LEASE: WIRTZ
GEOLOGIST: B. BEARD
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3346 FT TO: 3428 FT TOTAL DEPTH: 3428 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3341 FT SIZE: 6 5/8 IN PACKER DEPTH: 3346 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: COUGAR DRLG #2
MUD TYPE: STARCH VISCOSITY: 40
WEIGHT: 10.1 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 68000
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 300 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: 300 FT I.D.: 2.8 IN
DRILL PIPE LENGTH: 2725 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 82 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 O.D. IN

BLOW: STEADY 1/4" THROUGHOUT FIRST
FLOW PERIOD DIED IN 13 MINUTES
ON SECOND OPENING. FLUSHED TOOL
VERY WEAK AND DIED IN 5 MINUTES.

RECOVERED: 65 FT OF: MUD FEW SPOTS OIL ON TOP OF TOOL
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): 6:08 P.M.
WELL TEMPERATURE: 106 °F

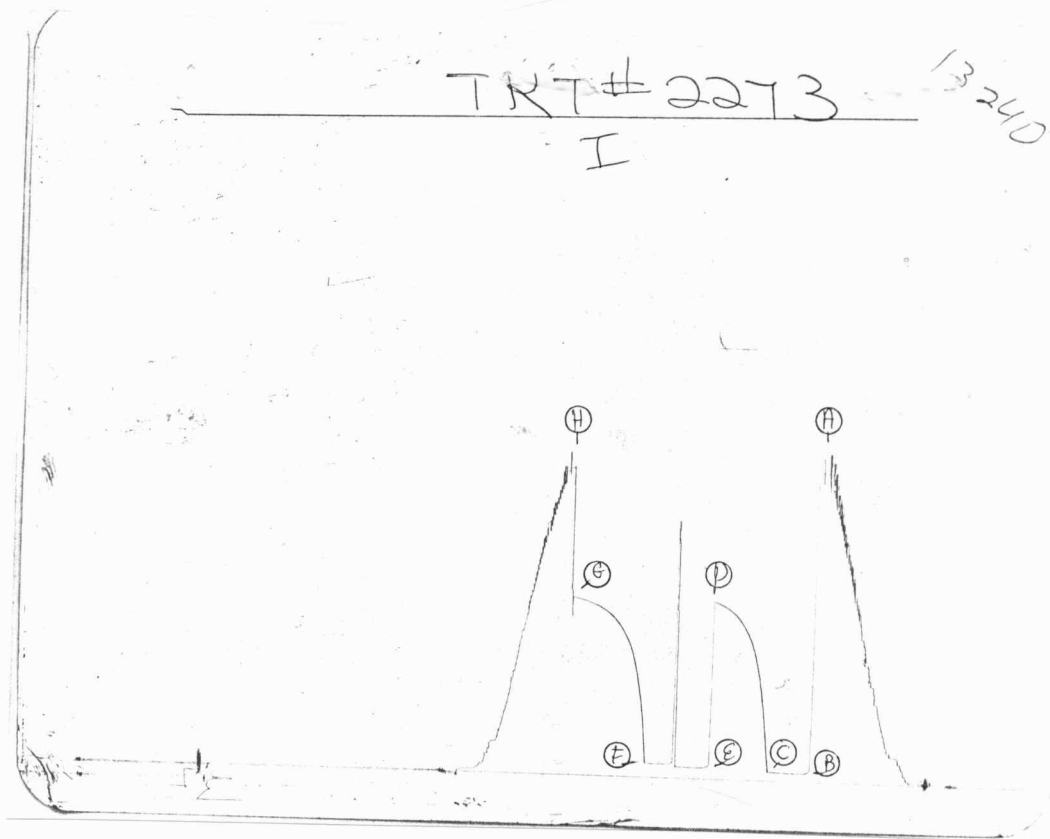
TIME STARTED OFF BOTTOM: 9:10 P.M.

INITIAL HYDROSTATIC PRESSURE:		(A) 1841	PSI	
INITIAL FLOW PERIOD	MIN: 30	(B) 51	PSI TO (C) 51	PSI
INITIAL CLOSED IN PERIOD	MIN: 45	(D) 1046	PSI	
FINAL FLOW PERIOD	MIN: 45	(E) 67	PSI TO (F) 82	PSI
FINAL CLOSED IN PERIOD	MIN: 57	(G) 1047	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1814	PSI	

TRT# 2273

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/12/83
CUSTOMER: LADD PETROLEUM CORPORATION
WELL: 9
ELEVATION (KB): 0
SECTION: 33
RANGE: 12W
GAUGE SN #13240

TEST: 2
FORMATION: KANSAS CITY
TOWNSHIP: 19S
COUNTY: BARTON
RANGE: 4500

TICKET #2274
LEASE: WIRTZ
GEOLOGIST: B. BEARD
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3278 FT TO: 3350 FT TOTAL DEPTH: 3460 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3273 FT SIZE: 6 5/8 IN PACKER DEPTH: 3278 FT SIZE: 6 5/8 IN
PACKER DEPTH: 3350 FT SIZE: 6 5/8 IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: COUGAR DRLG #2
MUD TYPE: STARCH VISCOSITY: 40
WEIGHT: 10.1 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 68000
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT? NO

DRILL COLLAR LENGTH:	360	FT	I.D.:	2.7	IN
WEIGHT PIPE LENGTH:	300	FT	I.D.:	2.8	IN
DRILL PIPE LENGTH:	2707	FT	I.D.:	3.8	IN
TEST TOOL LENGTH:	21	FT	TOOL SIZE:	5 1/2 O.D.	IN
ANCHOR LENGTH:	72	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 X.H.	IN

BLOW: FAIR THROUGHOUT FLOW PERIODS.

RECOVERED:	220	FT	OF:	GAS IN PIPE
RECOVERED:	20	FT	OF:	GAS CUT MUD
RECOVERED:	65	FT	OF:	SLIGHT OIL & GAS CUT MUD
RECOVERED:		FT	OF:	60% MUD; 5% WATER; 35% OIL
RECOVERED:	120	FT	OF:	OIL & GAS CUT MUD
RECOVERED:		FT	OF:	45% MUD; 5% WATER; 50% OIL
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	

REMARKS:

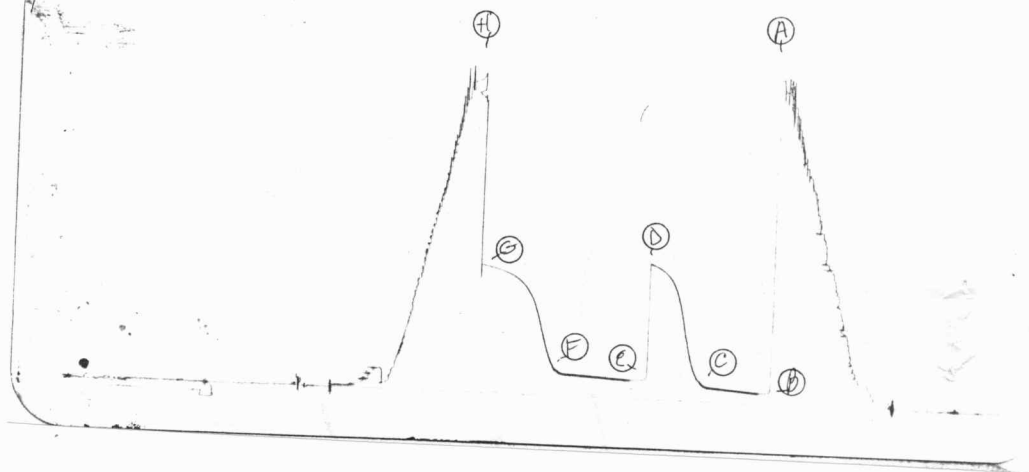
TIME SET PACKER(S): 9:38 P.M.
WELL TEMPERATURE: 103 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 45
INITIAL CLOSED IN PERIOD MIN: 45
FINAL FLOW PERIOD MIN: 60
FINAL CLOSED IN PERIOD MIN: 63
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 1:10 A.M.

(A)	1881	PSI	
(B)	63	PSI TO (C)	88 PSI
(D)	790	PSI	
(E)	111	PSI TO (F)	129 PSI
(G)	747	PSI	
(H)	1847	PSI	

TKT # 2274
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TKT # 2274

Below Straddle

