

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 5/28/83	TICKET #19003
CUSTOMER: ASSOC. PET. CONS. INC.	LEASE: Z BAR RANCH
WELL: 3-1	TEST: 1
ELEVATION (KB): 0	FORMATION: MISSISSIPPI
SECTION: 1	TOWNSHIP: 35S
RANGE: 15W	COUNTY: BARBER
GAUGE SN #13547	STATE: KANSAS
	RANGE: 4225
	CLOCK: 12

INTERVAL TEST FROM: 4978 FT TO: 5010 FT TOTAL DEPTH: 5010 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 4973 FT SIZE: 6 5/8 IN PACKER DEPTH: 4978 FT SIZE: 6 5/8 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: HEARTLAND
 MUD TYPE: CHEMICAL VISCOSITY: 44
 WEIGHT: 9.3 WATER LOSS (CC): 11.6
 CHLORIDES (P.P.M.): 7000
 JARS - MAKE: SERIAL NUMBER:
 DID WELL FLOW? YES REVERSED OUT? NO
 DRILL COLLAR LENGTH: 457 FT I.D.: 2 1/4 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 4497 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 24 FT TOOL SIZE: 5 1/2 OD IN
 ANCHOR LENGTH: 32 FT SIZE: 5 1/2 OD 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 FH IN

BLOW: STRONG BLOW THROUGHOUT TEST.
 GAS TO SURFACE IN 3 MINUTES ON SECOND FLOW.
 SEE ATTACHED GAS SHEET.

RECOVERED: 90	FT	OF: HEAVY OIL & GAS CUT MUD
RECOVERED: 120	FT	OF: FOGGY MUDDY OIL
RECOVERED: 120	FT	OF: FOGGY GASSY OIL GRAVITY 26
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 2:45 AM	TIME STARTED OFF BOTTOM: 6:45 AM
WELL TEMPERATURE: 129 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2441 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 83 PSI TO (C) 90 PSI
INITIAL CLOSED IN PERIOD MIN: 60	(D) 1633 PSI
FINAL FLOW PERIOD MIN: 60	(E) 94 PSI TO (F) 137 PSI
FINAL CLOSED IN PERIOD MIN: 90	(G) 1582 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2428 PSI

WESTERN TESTING COMPANY
GAS FLOW REPORT

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RANGE: 15W
GAUGE SN #13547

TEST: 1
FORMATION: MISSISSIPPI
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TICKET #19003
LEASE: Z BAR RANCH
GEOLOGIST: P HARGIS
STATE: KANSAS
CLOCK: 12

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

SECOND FLOW

5	MERLA	1/2	12"WTR	21900 CFPD
10		1/2	10"WTR	19900 CFPD
20		1/2	9" WTR	18800 CFPD
30		1/2	7" WTR	16700 CFPD
40		1/2	7" WTR	16700 CFPD
50		1/2	5" WTR	14100 CFPD
60		1/2	5" WTR	14100 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 5/28/83

TKT # 19003

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