

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 10/8/83  
CUSTOMER: ASSOC. PETROLEUM CONSULTANTS  
WELL: 3 TEST: 1  
ELEVATION (KB): 0 FORMATION: ARBUCKLE  
SECTION: 18 TOWNSHIP: 20S  
RANGE: 15W COUNTY: BARTON STATE: KANSAS  
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3792 FT TO: 3808 FT TOTAL DEPTH: 3808 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 3792 FT SIZE: 6 5/8 IN PACKER DEPTH: 3787 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: DUNNE-GARDNER  
MUD TYPE: STARCH VISCOSITY: 44  
WEIGHT: 9.5 WATER LOSS (CC): 11.2  
CHLORIDES (P.P.M.): 31000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? GAS REVERSED OUT? YES  
DRILL COLLAR LENGTH: FT I.D.: IN  
WEIGHT PIPE LENGTH: 503 FT I.D.: 2.7 IN  
DRILL PIPE LENGTH: 3268 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 1/2 O.D. IN  
ANCHOR LENGTH: 16 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 F.H. IN

BLOW: INITIAL FLOW PERIOD - STRONG BLOW.  
GAS TO SURFACE IN 6 MINUTES.  
FINAL FLOW PERIOD - STRONG BLOW.

RECOVERED: 200 FT OF: MUDDY GASSY OIL  
RECOVERED: 2063 FT OF: CLEAN GASSY OIL  
RECOVERED: 120 FT OF: SALT WATER  
RECOVERED: FT OF: CHLORIDES 32000 P.P.M.  
RECOVERED: FT OF:  
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RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 3:40 A.M. TIME STARTED OFF BOTTOM: 6:40 A.M.  
WELL TEMPERATURE: 114 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 2000 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 476 PSI TO (C) 723 PSI  
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1088 PSI  
FINAL FLOW PERIOD MIN: 30 (E) 813 PSI TO (F) 981 PSI  
FINAL CLOSED IN PERIOD MIN: 57 (G) 1083 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1979 PSI



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

6				GAS TO SURFACE
10	MERLA	1	2 PSIG	195000 CFPD
20		1/2	10 PSIG	116000 CFPD
30		1/2	22" WTR	29400 CFPD

SECOND FLOW

5	MERLA	1/2	6" WTR	15400 CFPD
15		1/2	2" WTR	8870 CFPD
25		1/2	13" WTR	22800 CFPD

GAS BOTTLE SN #:  
DATE BOTTLE FILLED:  
DATE TO BE INVOICED: 10/8/83

tel # 2962

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10980

