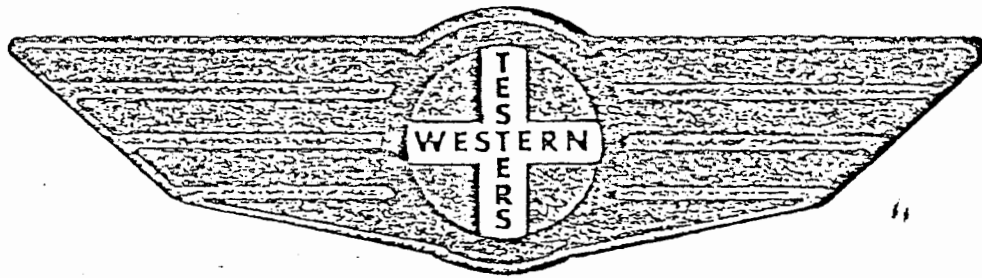


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Ke 17 1112
NE NE NE

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10-3-85
CUSTOMER: SIERRA PETROLEUM COMPANY INC
WELL: 5 TEST: 5
ELEVATION (KB): 0 FORMATION: ARBUCKLE
SECTION: 16 TOWNSHIP: 17S
RANGE: 11W COUNTY: BARTON STATE: KANSAS
GAUGE SN #1049 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 3312 FT TO: 3320 FT TOTAL DEPTH: 3346 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3312 FT SIZE: 6 5/8 IN PACKER DEPTH: 3320 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RED TIGER DRLG. #8
MUD TYPE: STARCH VISCOSITY: 41
WEIGHT: 9.9 WATER LOSS (CC): 9.0
CHLORIDES (P.P.M.): 62000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3291 FT I.D.: 4.0 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 8 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 IF IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 50 FT OF: MUDDY WATER - FEW SPOTS OF OIL.
RECOVERED: 1310 FT OF: SALT WATER.
RECOVERED: FT OF: CHLORIDES 18000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
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RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 12:33 AM TIME STARTED OFF BOTTOM: 4:20 AM
WELL TEMPERATURE: 111 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1791 PSI
INITIAL FLOW PERIOD MIN: 35 (B) 92 PSI TO (C) 249 PSI
INITIAL CLOSED IN PERIOD MIN: 39 (D) 1124 PSI
FINAL FLOW PERIOD MIN: 60 (E) 338 PSI TO (F) 549 PSI
FINAL CLOSED IN PERIOD MIN: 90 (G) 1141 PSI
FINAL HYDROSTATIC PRESSURE (H) 1781 PSI

PRESSURE DATA

CLOCK: 12

OPEN TOOL: 12:33 AM

FINAL CLOSED-IN PRESSURE: 90 MIN 90 MIN

PRESSURE BREAKDOWN

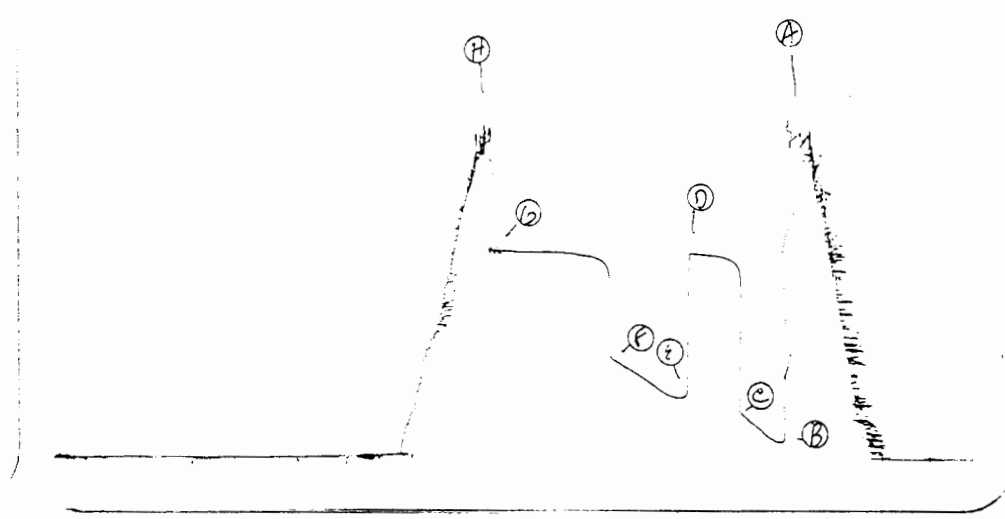
30	87	1141
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PRESSURE BREAKDOWN - CONT. TICKET #10075

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
31							90	1141
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1049

Rt # 10075
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**#5 Barth, #5, 16-17S-11W, Arbuckle, 3312-20
50' MW, 1310' SW**

