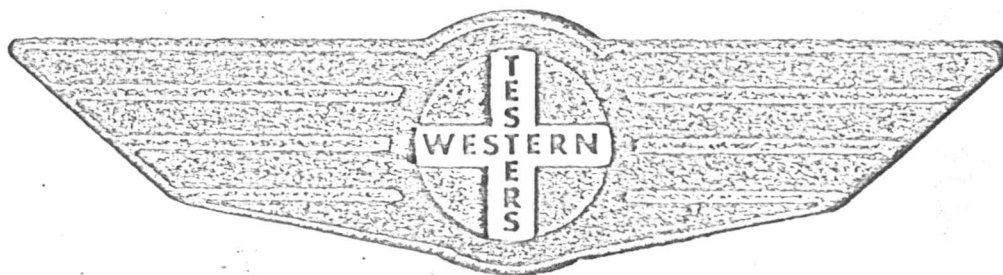


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6-2-85 TICKET #7214
CUSTOMER: PETROLEUM ENERGY INC. LEASE: "A" MCFALL
WELL: 2 TEST: 1 GEOLOGIST: M. WREATH
ELEVATION (KB): 1843 FORMATION: ARBUCKLE
SECTION: 26 TOWNSHIP: 16S
RANGE: 10W COUNTY: ELLSWORTH STATE: KANSAS
GAUGE SN #13549 RANGE: 4100 CLOCK: 12

INTERVAL TEST FROM: 3261 FT TO: 3305 FT TOTAL DEPTH: 3305 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3256 FT SIZE: 6 5/8 IN PACKER DEPTH: 3261 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: DUKE DRLG. RIG #1
MUD TYPE: STARCH VISCOSITY: 42
WEIGHT: 10.0+ WATER LOSS (CC): 13.6
CHLORIDES (P.P.M.): 61000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 939 FT I.D.: 2.9 IN
DRILL PIPE LENGTH: 2302 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 44 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

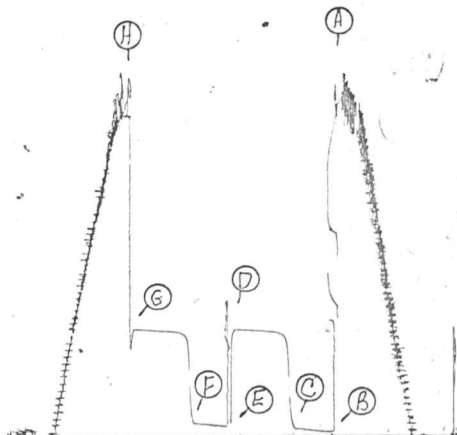
BLOW: INITIAL FLOW PERIOD WEAK BLOW; HOSE 1/2 INTO
BUCKET; BLOW REMAINED THROUGHOUT.
FINAL FLOW PERIOD NO BLOW; FLUSHED TOOL; GOT
WEAK SURFACE BLOW; BLOW REMAINED THROUGHOUT.

RECOVERED: 62 FT OF: GAS & OIL CUT MUD
RECOVERED: FT OF: (20% OIL; 25% GAS; 55% MUD).
RECOVERED: 62 FT OF: GAS & OIL CUT MUD
RECOVERED: FT OF: (35% OIL; 10% GAS; 55% MUD).
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: BOTTOM RECORDER STOPPED.
FLUSHED TOOL FINAL FLOW PERIOD.

TIME SET PACKER(S): 10:50 PM TIME STARTED OFF BOTTOM: 1:20 AM
WELL TEMPERATURE: 113 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1766 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 25 PSI TO (C) 40 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 564 PSI
FINAL FLOW PERIOD MIN: 30 (E) 65 PSI TO (F) 67 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 562 PSI
FINAL HYDROSTATIC PRESSURE (H) 1766 PSI

TKT # 7214
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13549

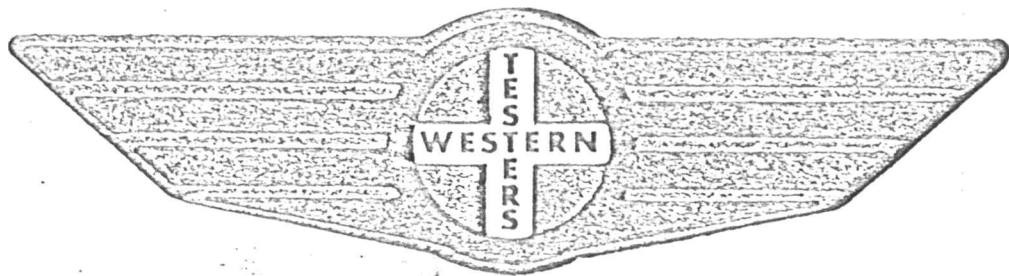
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TKT # 7214
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 6-3-85
CUSTOMER: PETROLEUM ENERGY INC.
WELL: 2 TEST: 2
ELEVATION (KB): 1843 FORMATION: ARBUCKLE
SECTION: 26 TOWNSHIP: 16S
RANGE: 10W COUNTY: ELLSWORTH STATE: KANSAS
GAUGE SN #13549 RANGE: 4100 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1794 PSI
(B) FIRST INITIAL FLOW PRESSURE: 185 PSI
(C) FIRST FINAL FLOW PRESSURE: 716 PSI
(D) INITIAL CLOSED-IN PRESSURE: 719 PSI
(E) SECOND INITIAL FLOW PRESSURE: 719 PSI
(F) SECOND FINAL FLOW PRESSURE: 719 PSI
(G) FINAL CLOSED-IN PRESSURE: 719 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1739 PSI
WELL TEMPERATURE: 118 °F
OPEN TOOL: 10:20 AM

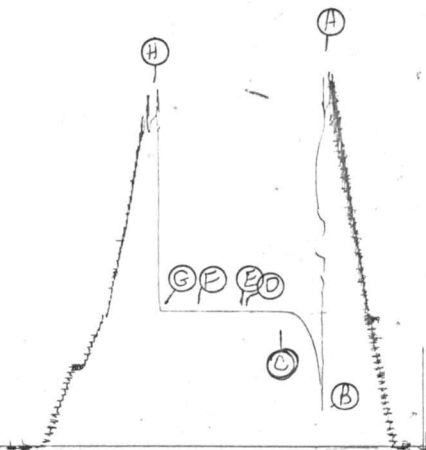
	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	30 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	30 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	185	0	716	0	719	0	719
2	5	496	3	716	5	719	3	719
3	10	602	6	717	10	719	6	719
4	15	666	9	717	15	719	9	719
5	20	702	12	717	20	719	12	719
6	25	714	15	718	25	719	15	719
7	30	716	18	718	30	719	18	719
8			21	718			21	719
9			24	719			24	719
10			27	719			27	719
11			30	719			30	719
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TKT #7215

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3549



TKT #7215
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13759

