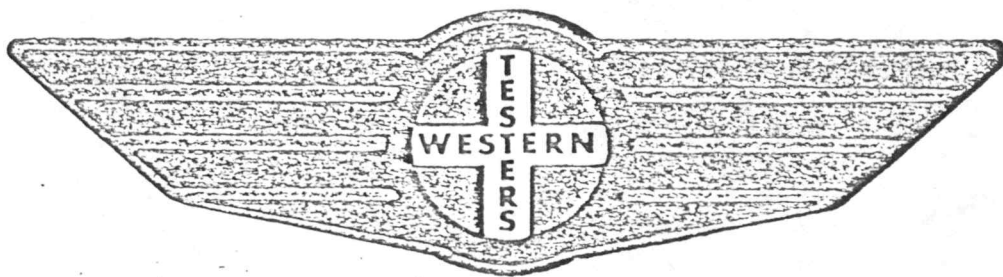


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-20-85
CUSTOMER: OIL PRODUCERS INC. OF KANSAS
WELL: 1 TEST: 1
ELEVATION (KB): 1950 FORMATION: KANSAS CITY
SECTION: 22 TOWNSHIP: 13S
RANGE: 16W COUNTY: ELLIS STATE: KANSAS
GAUGE SN #13762 RANGE: 3925 CLOCK: 12

INTERVAL TEST FROM: 3190 FT TO: 3240 FT TOTAL DEPTH: 3240 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3185 FT SIZE: 6 5/8 IN PACKER DEPTH: 3190 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WOODMAN/IANNITTI #2
MUD TYPE: STARCH VISCOSITY: 40
WEIGHT: 9.9 WATER LOSS (CC): 13.4
CHLORIDES (P.P.M.): 67000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 382 FT I.D.: 2.9 IN
DRILL PIPE LENGTH: 2787 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 50 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 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW; HOSE 1/4 INCH
INTO BUCKET; BLOW DIED IN 15 MINUTES;
REMAINED DEAD THROUGHOUT.
FINAL FLOW PERIOD NO BLOW; REMAINED DEAD.

RECOVERED: 5 FT OF: MUD WITH SHOW OF OIL IN 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): 6:15 AM

TIME STARTED OFF BOTTOM: 8:15 AM

WELL TEMPERATURE: 102 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 30

(A) 1741 PSI

(B) 32 PSI TO (C) 34 PSI

INITIAL CLOSED IN PERIOD MIN: 30

(D) 70 PSI

FINAL FLOW PERIOD MIN: 30

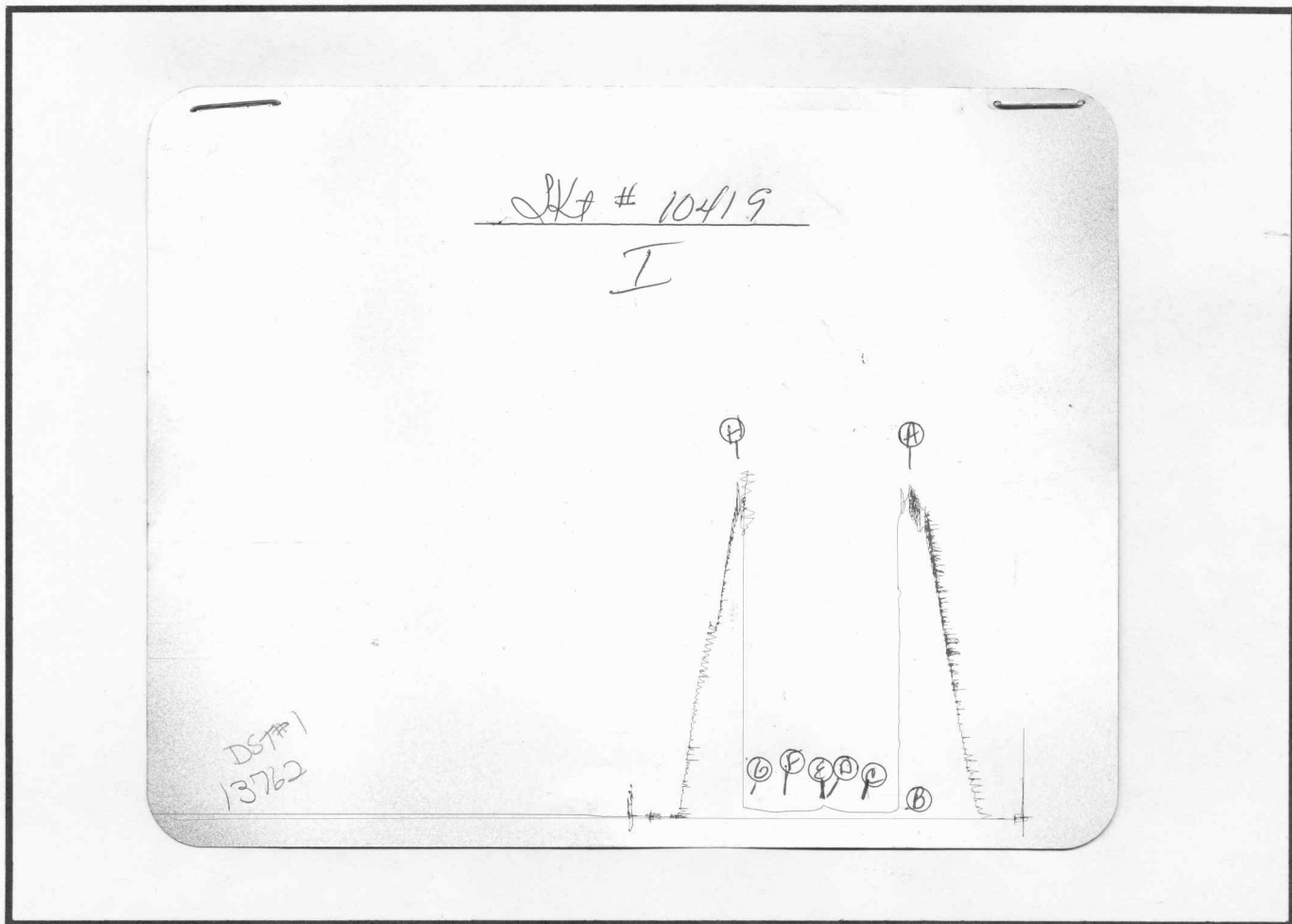
(E) 37 PSI TO (F) 37 PSI

FINAL CLOSED IN PERIOD MIN: 30

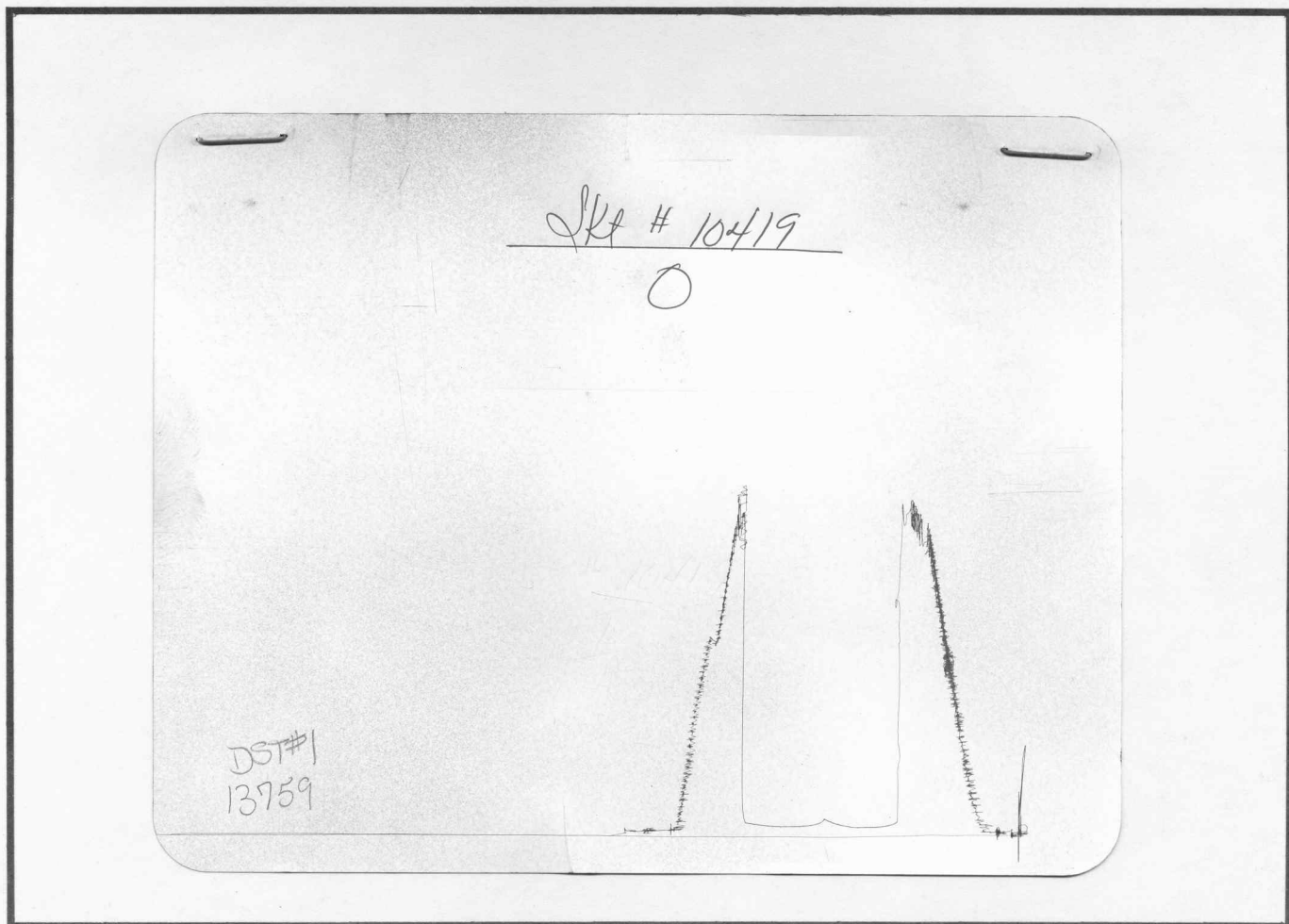
(G) 57 PSI

FINAL HYDROSTATIC PRESSURE

(H) 1702 PSI



Inside Recorder



Outside Recorder

Company OIL PRODUCERS, INC. OF KANSAS Lease & Well No. #1 SCHECK
Sec. 22 Twp. 13S Rge. 16W Test No. 2 Date 8/21/85



Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-21-85
CUSTOMER: OIL PRODUCERS INC. OF KANSAS
WELL: 1 TEST: 2
ELEVATION (KB): 1950 FORMATION: ARBUCKLE
SECTION: 22 TOWNSHIP: 13S
RANGE: 16W COUNTY: ELLIS STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

TICKET #9994

LEASE: SCHECK

GEOLOGIST: C. IMMICH

FORMATION: ARBUCKLE

TOWNSHIP: 13S

STATE: KANSAS

CLOCK: 12

INTERVAL TEST FROM: 3415 FT TO: 3469 FT TOTAL DEPTH: 3469 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3410 FT SIZE: 6 5/8 IN PACKER DEPTH: 3415 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WOODMAN/IANNITTI #2
MUD TYPE: STARCH VISCOSITY: 48
WEIGHT: 9.8 WATER LOSS (CC): 8.0
CHLORIDES (P.P.M.): 47000

JARS - MAKE: SERIAL NUMBER:

DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 353 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3041 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 3/4 IN
ANCHOR LENGTH: 54 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 XH IN

BLOW: INITIAL FLOW PERIOD VERY WEAK 3/8 INCH
BLOW SLOWLY DECREASING TO A FEW BUBBLES.
FINAL FLOW PERIOD NO BLOW.

RECOVERED: 25 FT OF: DRILLING MUD.
RECOVERED: FT OF:
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): 4:45 PM

TIME STARTED OFF BOTTOM: 6:45 PM

WELL TEMPERATURE: 0 °F

INITIAL HYDROSTATIC PRESSURE:

(A) 1848 PSI

INITIAL FLOW PERIOD MIN: 30

(B) 68 PSI TO (C) 68 PSI

INITIAL CLOSED IN PERIOD MIN: 30

(D) 515 PSI

FINAL FLOW PERIOD MIN: 30

(E) 72 PSI TO (F) 72 PSI

FINAL CLOSED IN PERIOD MIN: 30

(G) 386 PSI

FINAL HYDROSTATIC PRESSURE

(H) 1820 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 8-21-85

CUSTOMER: OIL PRODUCERS INC. OF KANSAS

TEST: 2

TICKET #9994

LEASE: SCHECK

GEOLOGIST: C. IMMICH

FORMATION: ARBUCKLE

TOWNSHIP: 13S

COUNTY: ELLIS

STATE: KANSAS

RANGE: 4200

CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1848 PSI

(B) FIRST INITIAL FLOW PRESSURE: 68 PSI

(C) FIRST FINAL FLOW PRESSURE: 68 PSI

(D) INITIAL CLOSED-IN PRESSURE: 515 PSI

(E) SECOND INITIAL FLOW PRESSURE: 72 PSI

(F) SECOND FINAL FLOW PRESSURE: 72 PSI

(G) FINAL CLOSED-IN PRESSURE: 386 PSI

(H) FINAL HYDROSTATIC PRESSURE: 1820 PSI

WELL TEMPERATURE: 0 'F

OPEN TOOL: 4:45 PM

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

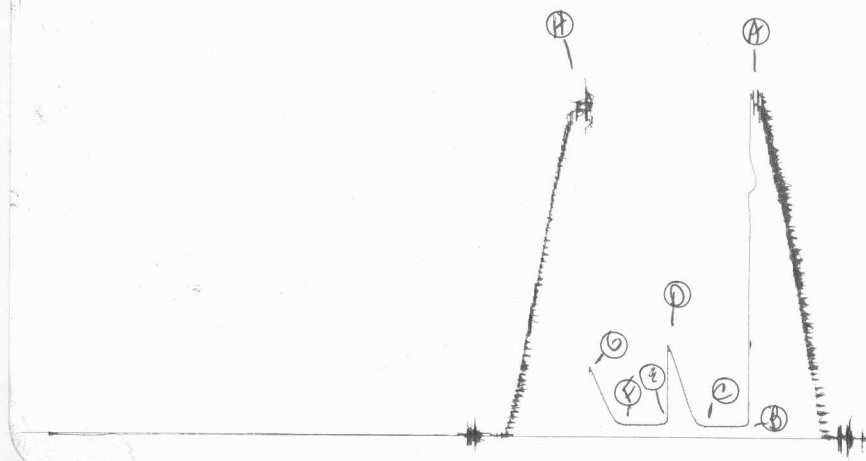
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	68	0	68	0	72	0	72
2	5	68	3	68	5	72	3	73
3	10	68	6	71	10	72	6	78
4	15	68	9	88	15	72	9	97
5	20	68	12	125	20	72	12	127
6	25	68	15	178	25	72	15	172
7	30	68	18	249	30	72	18	220
8			21	318			21	272
9			24	387			24	325
10			27	453			27	366
11			30	515			30	386

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10980

Alt # 9994

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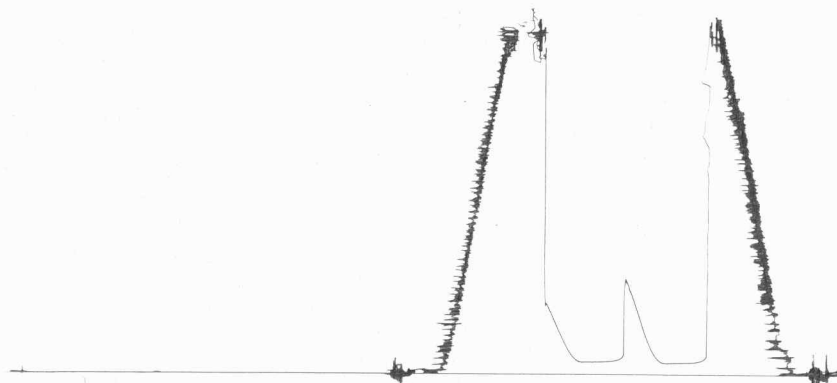


Inside Recorder

13547

Alt # 9994

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Outside Recorder