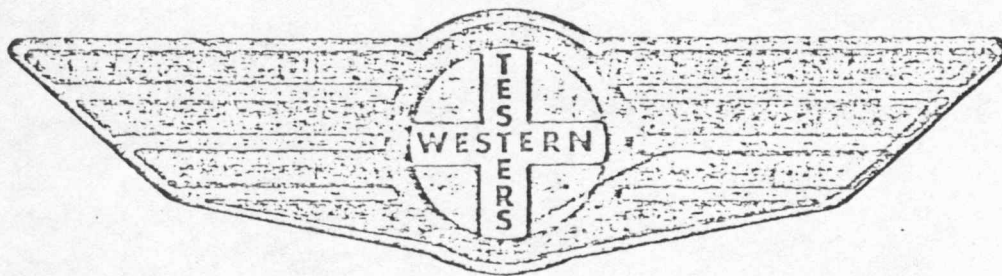


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/12/84
CUSTOMER: J. A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606
TEST: 1
FORMATION: KANSAS CITY
TOWNSHIP: 24S
COUNTY: STAFFORD
STATE: KANSAS
RANGE: 4150
CLOCK: 12
TICKET #2799
LEASE: CLOWER
GEOLOGIST: R. MCCANN

INTERVAL TEST FROM: 3580 FT TO: 3612 FT TOTAL DEPTH: 3612 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3575 FT SIZE: 6 3/4 IN PACKER DEPTH: 3580 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B & B DRLG. #2
MUD TYPE: PRE-STAR VISCOSITY: 42
WEIGHT: 9.4 WATER LOSS (CC): 12.6
CHLORIDES (P.P.M.): 34000
JARS - MAKE: NO 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: 3560 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 32 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: STRONG BLOW THROUGHOUT TEST. GAS TO SURFACE
IN 3 MINUTES. SEE GAS FLOW REPORT.

RECOVERED: 65 FT OF: GAS CUT 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): 10:45 A.M. TIME STARTED OFF BOTTOM: 2:00 P.M.
WELL TEMPERATURE: 98 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1900 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 92 PSI TO (C) 92 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1298 PSI
FINAL FLOW PERIOD MIN: 55 (E) 83 PSI TO (F) 83 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1291 PSI
FINAL HYDROSTATIC PRESSURE (H) 1871 PSI

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 1/12/84
CUSTOMER: J. A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 1
FORMATION: KANSAS CITY
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #2799
LEASE: CLOWER
GEOLOGIST: R. MCCANN
STATE: KANSAS
CLOCK: 12

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

PRE FLOW

3	MERLA			GAS TO SURFACE
10		1	3 PSIG	242000 CFPD
20		1	4 PSIG	283000 CFPD
30		1	5 PSIG	319000 CFPD

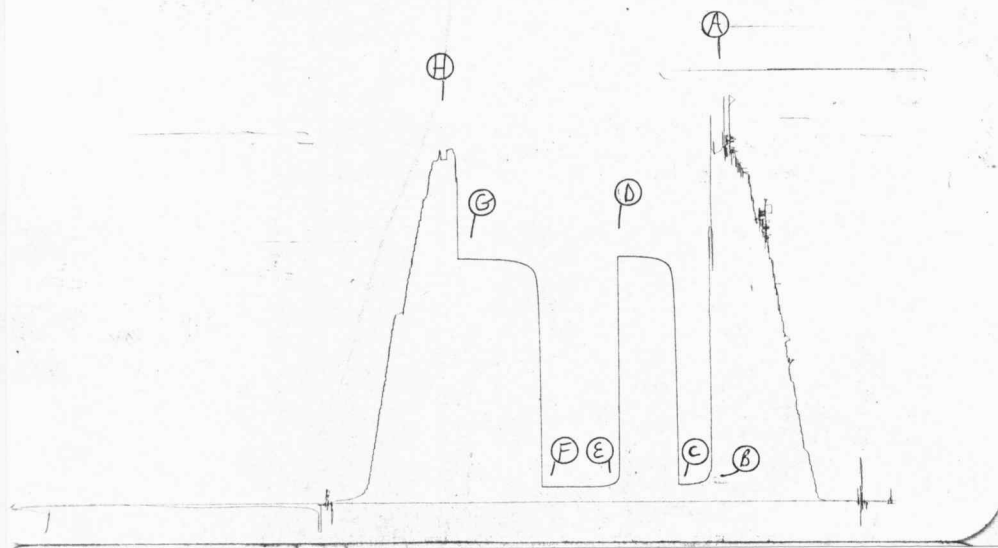
SECOND FLOW

10	MERLA	1	5 PSIG	319000 CFPD
20		1	4 PSIG	283000 CFPD
30		1	4 PSIG	283000 CFPD
40		1	4 PSIG	283000 CFPD
50		1	4 PSIG	283000 CFPD
60		1	4 PSIG	283000 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 1/12/84

2116 DST #1

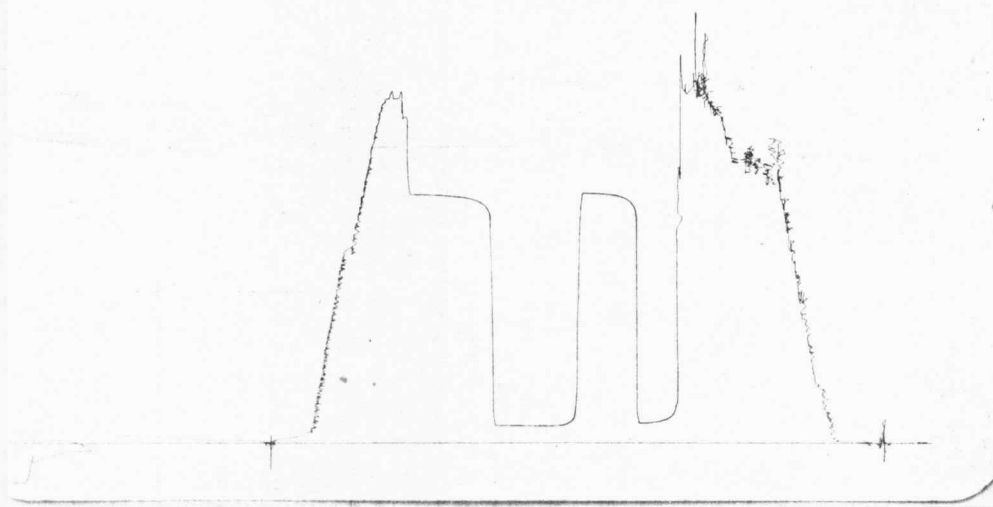
TKT # 2799



Inside Recorder

13267 PST#1

TKT # 2799

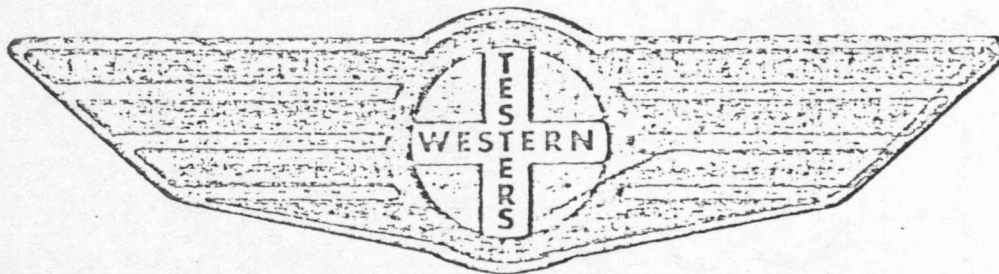


Outside Recorder

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/12/84
CUSTOMER: J. A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 2
FORMATION: KANSAS CITY
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #2800
LEASE: CLOWER
GEOLOGIST: R. MCCANN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3613 FT TO: 3630 FT TOTAL DEPTH: 3630 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3608 FT SIZE: 6 3/4 IN PACKER DEPTH: 3613 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B & B DRLG. #2
MUD TYPE: PRE-STAR
WEIGHT: 9.6
CHLORIDES (P.P.M.): 34000
JARS - MAKE: NO
DID WELL FLOW? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3593 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 17 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

VISCOSECITY: 43
WATER LOSS (CC): 12.6
SERIAL NUMBER:
REVERSED OUT? NO

BLOW: WEAK STEADY BLOW ON INITIAL FLOW PERIOD.
WEAK STEADY BLOW ON FINAL FLOW PERIOD.

RECOVERED: 60	FT	OF: SLIGHTLY OIL SPOTTED 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:

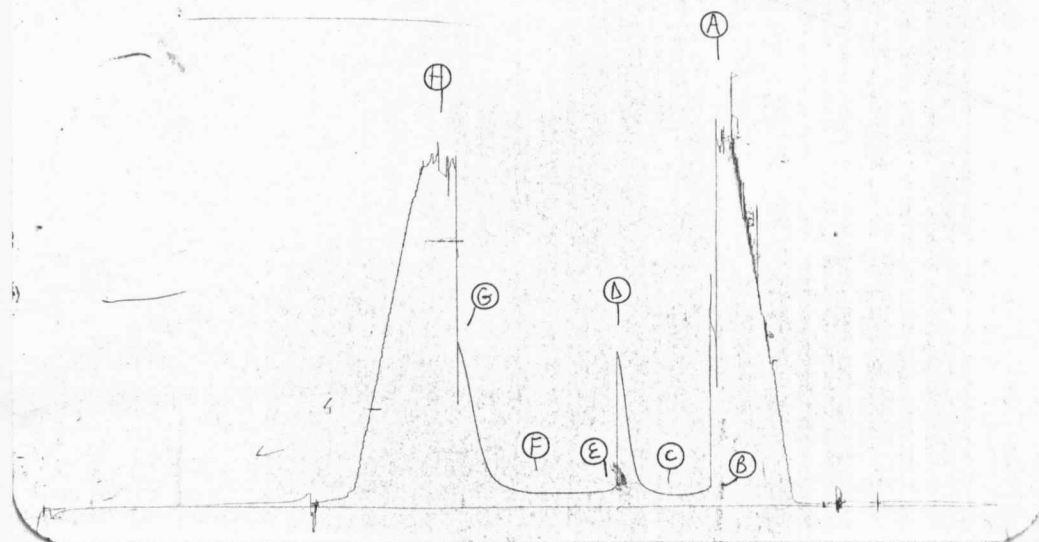
REMARKS:

TIME SET PACKER(S): 12:40 A.M.	TIME STARTED OFF BOTTOM: 3:55 A.M.
WELL TEMPERATURE: 98 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 1934 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 58 PSI TO (C) 58 PSI
INITIAL CLOSED IN PERIOD MIN: 39	(D) 816 PSI
FINAL FLOW PERIOD MIN: 60	(E) 68 PSI TO (F) 68 PSI
FINAL CLOSED IN PERIOD MIN: 60	(G) 869 PSI
FINAL HYDROSTATIC PRESSURE	(H) 1880 PSI

~~15266~~ DST#2

TKT # 2800

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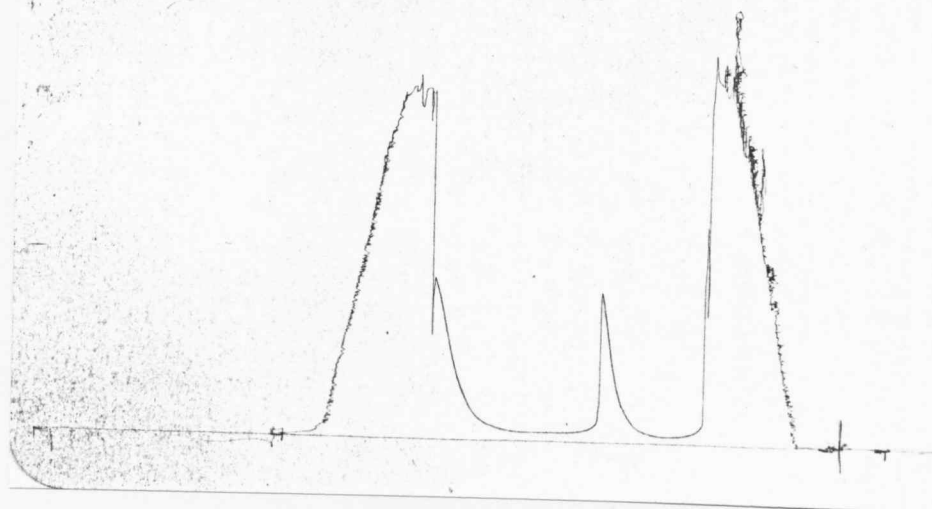


Inside Recorder

~~15267~~ DST#2

TKT # 2800

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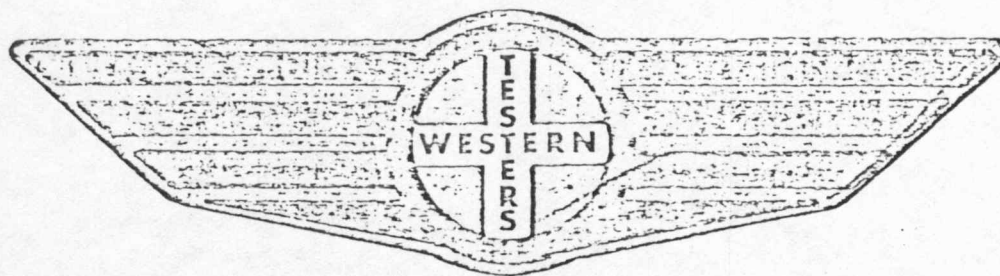


Outside Recorder

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/13/84
CUSTOMER: J.A.ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 3
FORMATION: KC
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #3071
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3643 FT TO: 3660 FT TOTAL DEPTH: 3660 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3638 FT SIZE: 6 3/4 IN PACKER DEPTH: 3643 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B&B DRLG #2
MUD TYPE: STARCH VISCOSITY: 47
WEIGHT: 9.7 WATER LOSS (CC): 16.4
CHLORIDES (P.P.M.): 46000
JARS - MAKE: NO 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: 3623 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 17 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 XH IN

BLOW: WEAK BLOW ON BOTH INITIAL & FINAL
FLOW PERIODS.

RECOVERED: 55 FT OF: DRLG MUD; SPOTS OF OIL ON TOP OF 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:

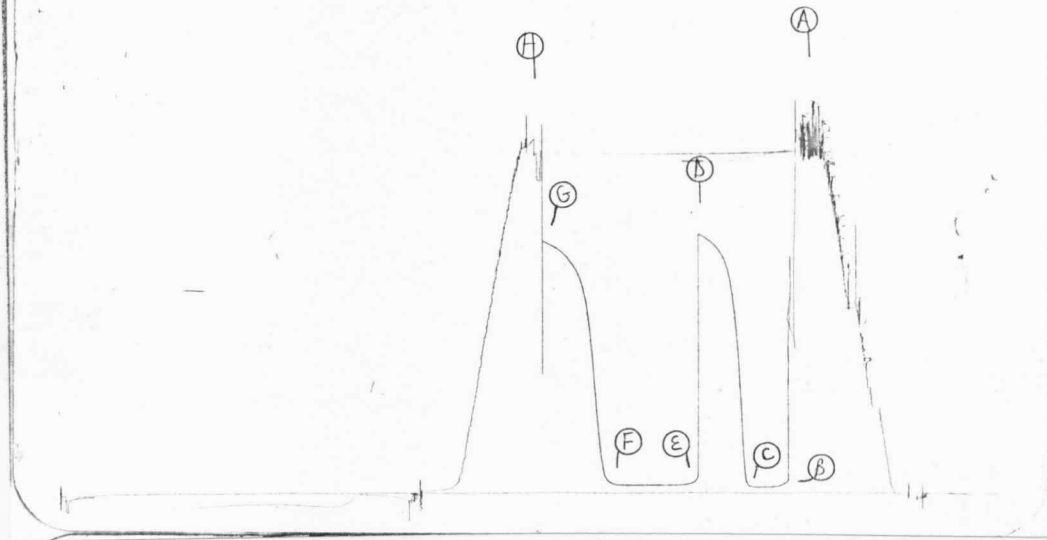
TIME SET PACKER(S): 3:45 P.M.
WELL TEMPERATURE: 100 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 36
FINAL FLOW PERIOD MIN: 60
FINAL CLOSED IN PERIOD MIN: 54
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 7:00 P.M.
(A) 1941 PSI
(B) 73 PSI TO (C) 32 PSI
(D) 1379 PSI
(E) 44 PSI TO (F) 44 PSI
(G) 1341 PSI
(H) 1851 PSI

2606 DST#3

TKT # 3071

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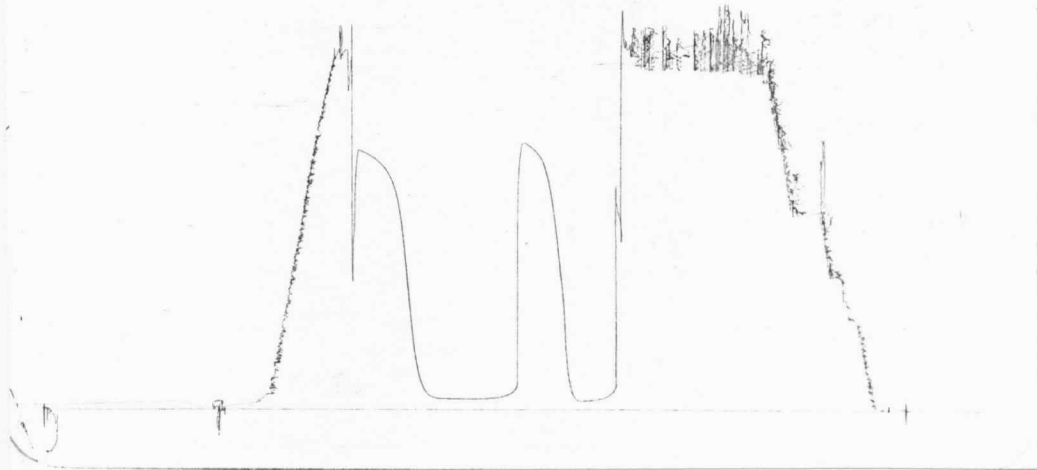


Inside Recorder

13767 DST#3

TKT # 3071

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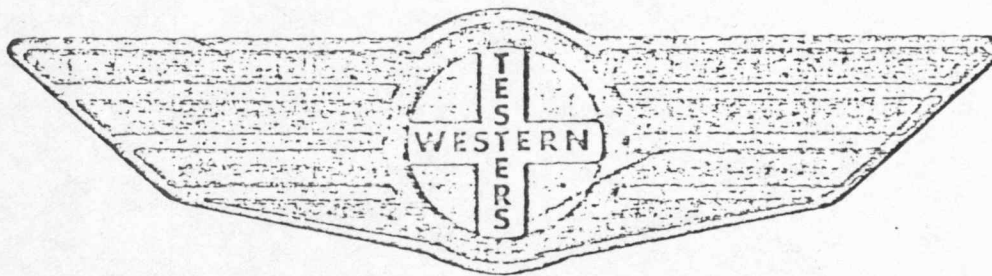


Outside Recorder

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

any

J A ALLISON

Lease and Well No.

#2 CLOWER

Sec. 33

Twp. 44S

Rge. 13W

Test No. 2

Date 1/13/04

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/15/84
CUSTOMER: J.A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 5
FORMATION: KC
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #3073
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3702 FT TO: 3722 FT TOTAL DEPTH: 3722 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3697 FT SIZE: 6 3/4 IN PAKER DEPTH: 3702 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B&B DRLG #2
MUD TYPE: STARCH VISCOSITY: 67
WEIGHT: 9.5 WATER LOSS (CC): 10.6
CHLORIDES (P.P.M.): 43000
JARS - MAKE: NO 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: 3682 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 20 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 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW.
FINAL FLOW PERIOD WEAK TO LIGHT BLOW.

RECOVERED: 45 FT OF: OIL SPOTTED 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:

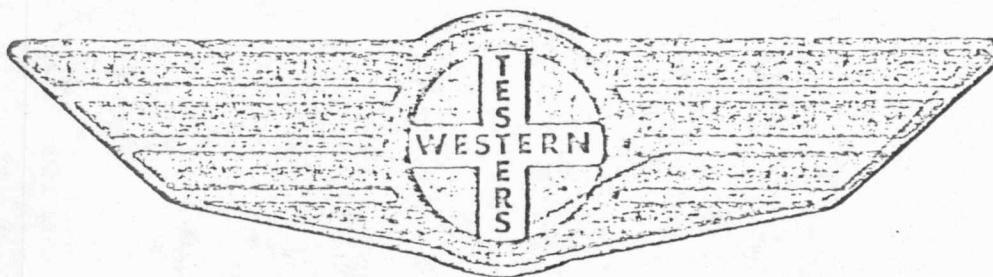
REMARKS:

TIME SET PACKER(S): 1:30 A.M. TIME STARTED OFF BOTTOM: 4:45 A.M.
WELL TEMPERATURE: 102 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2029 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 74 PSI TO (C) 74 PSI
INITIAL CLOSED IN PERIOD MIN: 33 (D) 90 PSI
FINAL FLOW PERIOD MIN: 60 (E) 67 PSI TO (F) 67 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 95 PSI
FINAL HYDROSTATIC PRESSURE (H) 1965 PSI

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

any

J A ALLISON

Lease and Well No.

#2 CLOWERS

Sec.

35 IWP

24S RKE

13W

area

no.

1

area

1

area

1

area

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/16/84
CUSTOMER: J.A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 7
FORMATION: KANSAS CITY
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #3075
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3720 FT TO: 3747 FT TOTAL DEPTH: 3747 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3715 FT SIZE: 6 3/4 IN PACKER DEPTH: 3720 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B & B DRLG

MUD TYPE: STARCH

VISCOSITY: 68

WEIGHT: 9.8

WATER LOSS (CC): 12.8

CHLORIDES (P.P.M.): 55000

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: 3700

FT I.D.: 3.8 IN

TEST TOOL LENGTH: 20

FT TOOL SIZE: 5 1/2 OD IN

ANCHOR LENGTH: 27

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 TO
A GOOD BLOW. 9 INCHES.
FINAL FLOW PERIOD GOOD BLOW TO
STRONG BLOW.

RECOVERED: 300	FT	OF: GAS ABOVE FLUID.
RECOVERED: 90	FT	OF: GAS & OIL CUT MUD. 20% GAS; 10% OIL; 70% MUD.
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): 2:15 PM

TIME STARTED OFF BOTTOM: 5:30 PM

WELL TEMPERATURE: 108 °F

INITIAL HYDROSTATIC PRESSURE:

(A) 2054 PSI

INITIAL FLOW PERIOD MIN: 30

(B) 44 PSI TO (C) 44 PSI

INITIAL CLOSED IN PERIOD MIN: 39

(D) 169 PSI

FINAL FLOW PERIOD MIN: 60

(E) 52 PSI TO (F) 52 PSI

FINAL CLOSED IN PERIOD MIN: 60

(G) 212 PSI

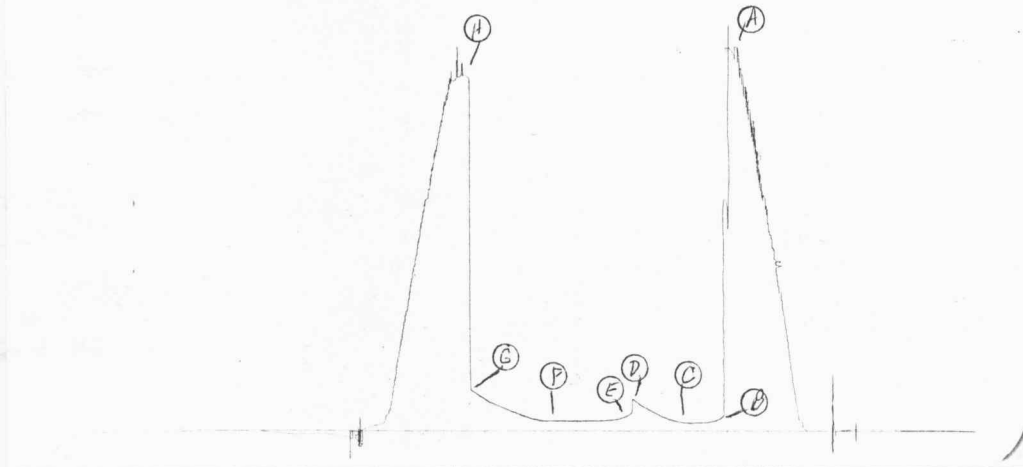
FINAL HYDROSTATIC PRESSURE

(H) 1962 PSI

2606 DST 7

TKT # 3075

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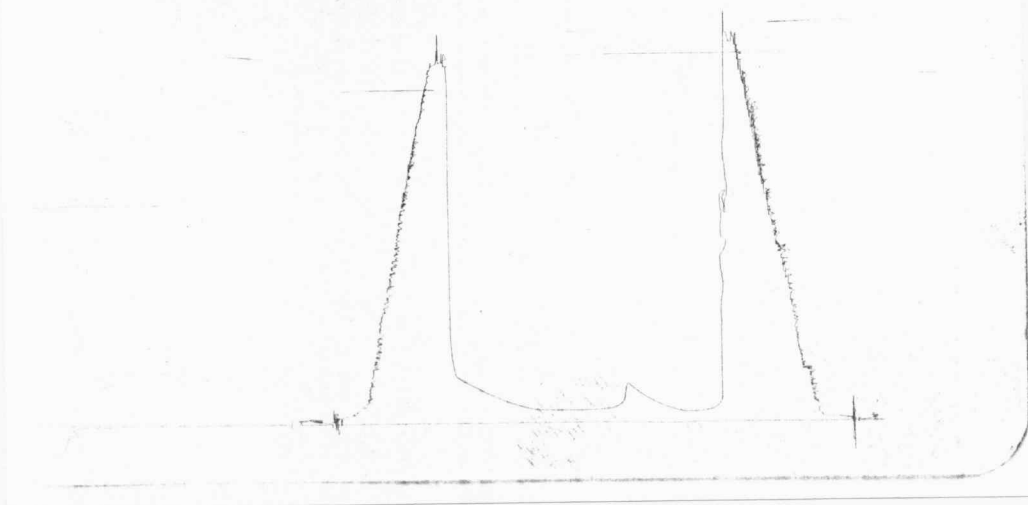


Inside Recorder

13267 DST 7

TKT # 3075

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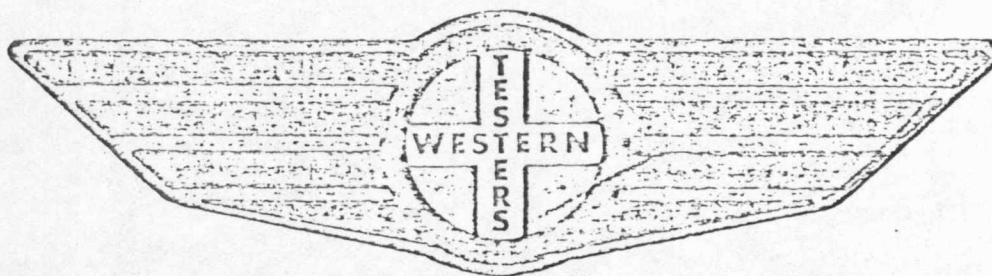


Outside Recorder

FORMATION

TEST

REPORT



Home Office:

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Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/18/84
CUSTOMER: J.A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 8
FORMATION: KANSAS CITY
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #4176
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3770 FT TO: 3797 FT TOTAL DEPTH: 3797 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3765 FT SIZE: 6 3/4 IN PACKER DEPTH: 3770 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B & B DRLG
MUD TYPE: STARCH VISCOSITY: 60
WEIGHT: 9.8 WATER LOSS (CC): 14.8
CHLORIDES (P.P.M.): 54000
JARS - MAKE: NO 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: 3750 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 27 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 BUILDING SLOWLY.
FINAL FLOW PERIOD WEAK TO LIGHT BLOW.

RECOVERED: 25 FT OF: VERY SLIGHTLY OIL CUT MUD.
RECOVERED: 60 FT OF: VERY SLIGHTLY OIL CUT WATERY MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: CHLORIDES 43000 PPM.

TIME SET PACKER(S): 5:05 AM
WELL TEMPERATURE: 108 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2040 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 42 PSI TO (C) 42 PSI
INITIAL CLOSED IN PERIOD MIN: 48 (D) 1391 PSI
FINAL FLOW PERIOD MIN: 60 (E) 51 PSI TO (F) 51 PSI
FINAL CLOSED IN PERIOD MIN: 63 (G) 1354 PSI
FINAL HYDROSTATIC PRESSURE (H) 1987 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 1/18/84
CUSTOMER: J.A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 8
FORMATION: KANSAS CITY
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #4176
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2040 PSI
(B) FIRST INITIAL FLOW PRESSURE: 42 PSI
(C) FIRST FINAL FLOW PRESSURE: 42 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1391 PSI
(E) SECOND INITIAL FLOW PRESSURE: 51 PSI
(F) SECOND FINAL FLOW PRESSURE: 51 PSI
(G) FINAL CLOSED-IN PRESSURE: 1354 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1987 PSI
WELL TEMPERATURE: 108 °F
OPEN TOOL: 5:05 AM

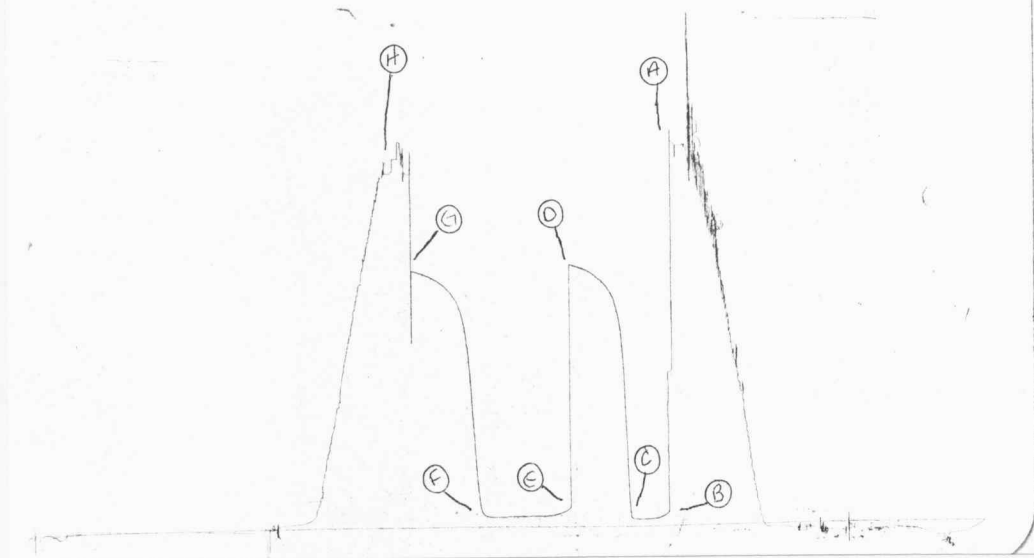
	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	48 MIN
SECOND FLOW PRESSURE:	60 MIN	60 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	63 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	42	0	42	0	51	0	51
2	5	42	3	356	5	51	3	51
3	10	42	6	677	10	51	6	59
4	15	42	9	995	15	51	9	96
5	20	42	12	1119	20	51	12	276
6	25	42	15	1198	25	51	15	512
7			18	1244	30	51	18	766
8			21	1277	35	51	21	967
9			24	1302	40	51	24	1087
10			27	1319	45	51	27	1156
11			30	1338	50	51	30	1202
12			33	1352	55	51	33	1234
13			36	1364	60	51	36	1257
14			39	1372			39	1276
15			42	1379			42	1292
16			45	1386			45	1307
17			48	1391			48	1317
18							51	1327
19							54	1337
20							57	1344
21							60	1350
22							63	1354
23								
24								
25								
26								
27								
28								
29								
30								

2606 VST#8

+CLK# 4176

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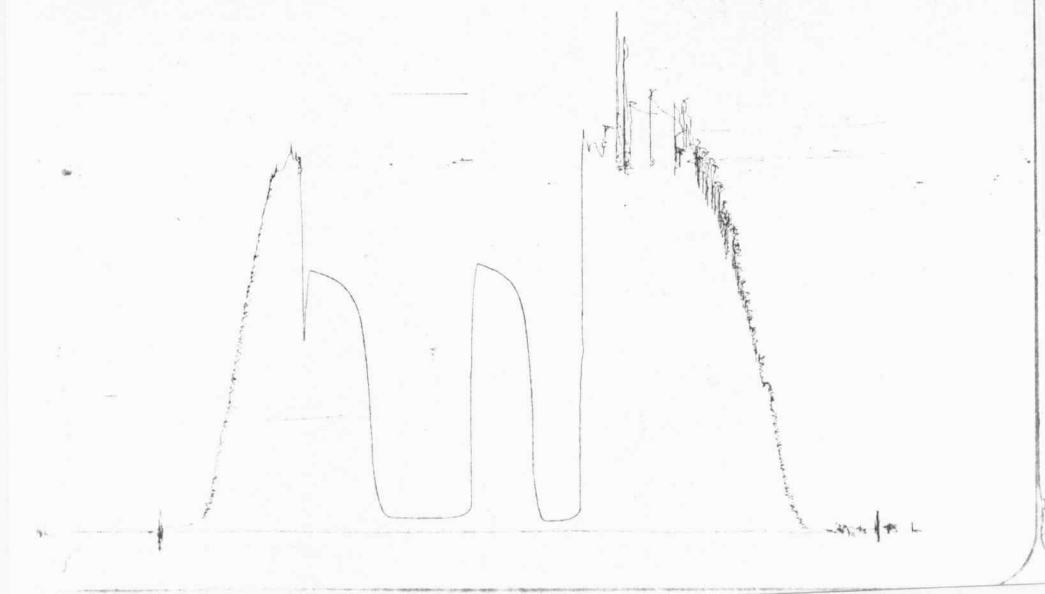


Inside Recorder

13267 ~~237#8~~

+CLK# 4176

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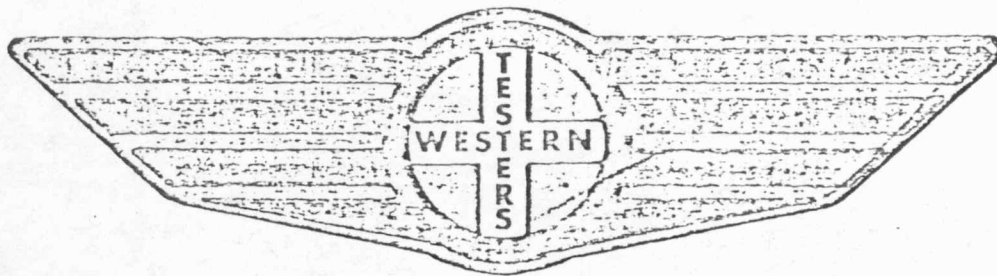


Outside Recorder

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

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J A ALLISON

Lease and Well No. #2 CLOWERS

Sec. 35

Twp. 24S

Rge. 13W

Test No. 9

Date 1/18/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/18/84
CUSTOMER: J.A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 9

COUNTY: STAFFORD
RANGE: 4150

TICKET #4177
LEASE: CLOWERS
GEOLOGIST: MCCANN
FORMATION: KANSAS CITY
TOWNSHIP: 24S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3808 FT TO: 3831 FT TOTAL DEPTH: 3831 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3803 FT SIZE: 6 3/4 IN PACKER DEPTH: 3808 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B & B DRLG
MUD TYPE: STARCH VISCOSITY: 60
WEIGHT: 9.4 WATER LOSS (CC): 11.6
CHLORIDES (P.P.M.): 55000
JARS - MAKE: NO 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: 3788 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 23 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 STRONG BLOW.
FINAL FLOW PERIOD GAS TO SURFACE IN 26 MINUTES.
SEE ATTACHED SHEET FOR GAS MEASUREMENTS.

RECOVERED: 40	FT	OF: OIL & GAS CUT MUD. 20% GAS; 25% OIL; 55% MUD.
RECOVERED: 124	FT	OF: HEAVY OIL & GAS CUT MUD.
RECOVERED:	FT	OF: 30% GAS; 40% OIL; 15% MUD; 15% WATER.
RECOVERED: 120	FT	OF: FROGGY OIL. 40% GAS; 45% OIL; 15% WATER.
RECOVERED: 4	FT	OF: MUDDY WATER.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 8:45 PM
WELL TEMPERATURE: 110 °F

TIME STARTED OFF BOTTOM: 12:00 AM

INITIAL HYDROSTATIC PRESSURE:	(A) 2056	PSI	
INITIAL FLOW PERIOD MIN: 25	(B) 55	PSI TO (C) 55	PSI
INITIAL CLOSED IN PERIOD MIN: 42	(D) 956	PSI	
FINAL FLOW PERIOD MIN: 60	(E) 89	PSI TO (F) 104	PSI
FINAL CLOSED IN PERIOD MIN: 60	(G) 928	PSI	
FINAL HYDROSTATIC PRESSURE	(H) 1998	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 1/18/84
CUSTOMER: J.A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 9
FORMATION: KANSAS CITY
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #4177
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2056 PSI
(B) FIRST INITIAL FLOW PRESSURE: 55 PSI
(C) FIRST FINAL FLOW PRESSURE: 55 PSI
(D) INITIAL CLOSED-IN PRESSURE: 956 PSI
(E) SECOND INITIAL FLOW PRESSURE: 89 PSI
(F) SECOND FINAL FLOW PRESSURE: 104 PSI
(G) FINAL CLOSED-IN PRESSURE: 928 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1998 PSI
WELL TEMPERATURE: 110 °F
OPEN TOOL: 8:45 PM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	42 MIN
SECOND FLOW PRESSURE:	60 MIN	60 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	60 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	55	0	55	0	89	0	104
2	5	55	3	283	5	89	3	356
3	10	55	6	485	10	89	6	547
4	15	55	9	651	15	89	9	655
5	20	55	12	750	20	89	12	718
6	25	55	15	809	25	89	15	758
7			18	845	30	89	18	789
8			21	872	35	90	21	812
9			24	892	40	93	24	833
10			27	907	45	95	27	847
11			30	921	50	98	30	862
12			33	933	55	101	33	873
13			36	943	60	104	36	882
14			39	950			39	891
15			42	956			42	899
16							45	906
17							48	913
18							51	918
19							54	923
20							57	926
21							60	928
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WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 1/18/84
CUSTOMER: J.A. ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 9

FORMATION: KANSAS CITY

TOWNSHIP: 24S

COUNTY: STAFFORD

RANGE: 4150

TICKET #4177

LEASE: CLOWERS

GEOLOGIST: MCCANN

STATE: KANSAS

CLOCK: 12

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

SECOND FLOW

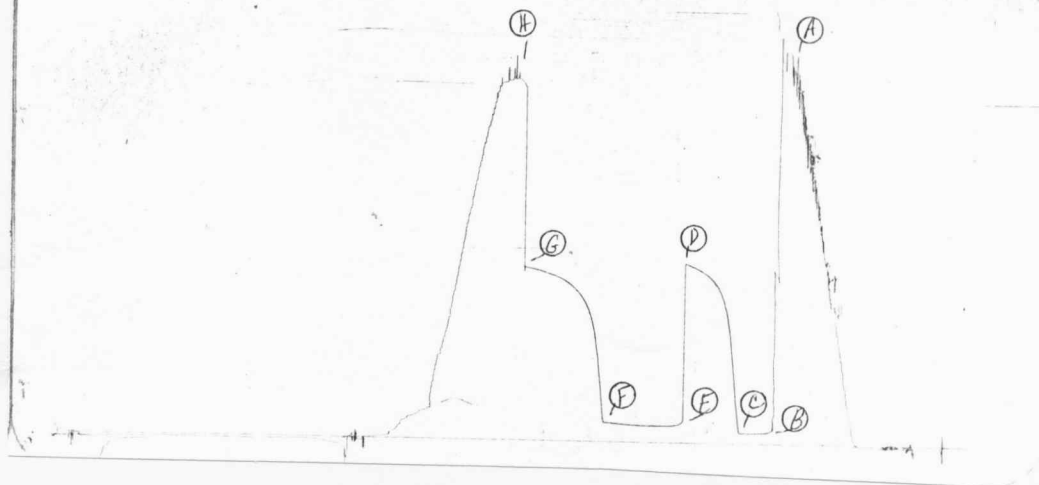
26	MERLA	1/2	1"OF WTR	GAS TO SURFACE
30			1"OF WTR	6270 CFPD
40			1"OF WTR	6270 CFPD
50			1"OF WTR	6270 CFPD
60			1"OF WTR	6270 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:

2106 DST#7

TKT # 4177

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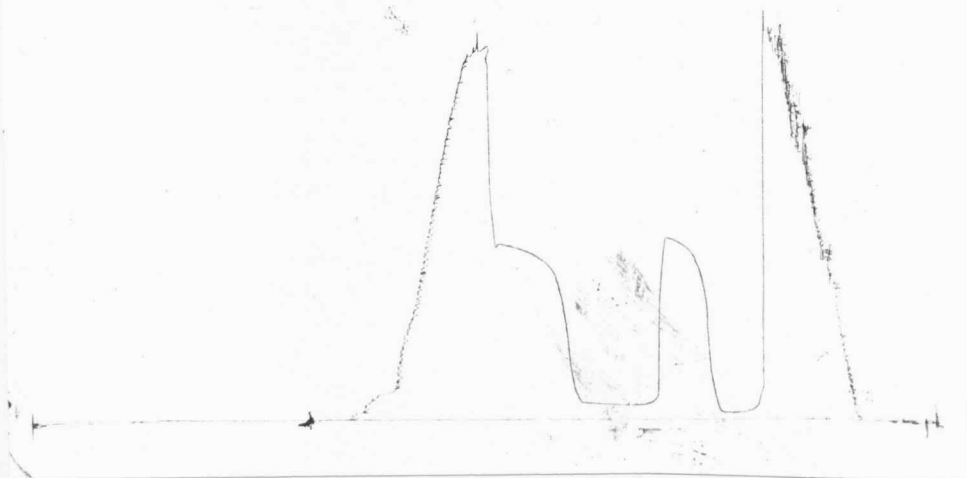


Inside Recorder

13269 DST#9

TKT # 4177

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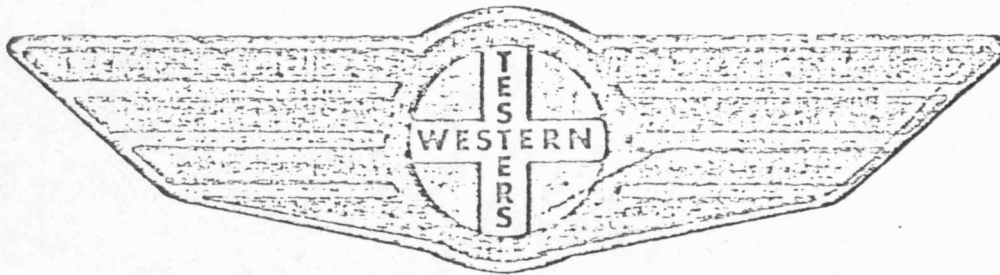


Outside Recorder

FORMATION

TEST

REPORT



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J A ALLISON

Lease and Well No. #2 CLOWERS

Sec. 35 Twp. 24S Rge. 13W Test No. 10444 L/20/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/20/84
CUSTOMER: J.A.ALLISON
WELL: 2
ELEVATION (KB): 1625
SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 10
FORMATION: SIMPSON
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #4178
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4083 FT TO: 4120 FT TOTAL DEPTH: 4120 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4078 FT SIZE: 6 3/4 IN PACKER DEPTH: 4083 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: B&B DRLG #2
MUD TYPE: STARCH VISCOSITY: 62
WEIGHT: 9.6 WATER LOSS (CC): 16.1
CHLORIDES (P.P.M.): 57000
JARS - MAKE: NO 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: 4063 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 37 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 20 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 XH IN

BLOW: VERY WEAK BLOW ON INITIAL FLOW PERIOD.
FINAL FLOW PERIOD DEAD.

RECOVERED: 20	FT	OF: DRLG 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:

REMARKS:

TIME SET PACKER(S): 5:30 P.M.	TIME STARTED OFF BOTTOM: 7:30 P.M.
WELL TEMPERATURE: 110 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2190 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 21 PSI TO (C) 21 PSI
INITIAL CLOSED IN PERIOD MIN: 21	(D) 30 PSI
FINAL FLOW PERIOD MIN: 30	(E) 24 PSI TO (F) 24 PSI
FINAL CLOSED IN PERIOD MIN: 33	(G) 33 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2100 PSI

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PRESSURE DATA

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SECTION: 35
RANGE: 13W
GAUGE SN #2606

TEST: 10
FORMATION: SIMPSON
TOWNSHIP: 24S
COUNTY: STAFFORD
RANGE: 4150

TICKET #4178
LEASE: CLOWERS
GEOLOGIST: MCCANN
STATE: KANSAS
CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2190 PSI
(B) FIRST INITIAL FLOW PRESSURE: 21 PSI
(C) FIRST FINAL FLOW PRESSURE: 21 PSI
(D) INITIAL CLOSED-IN PRESSURE: 30 PSI
(E) SECOND INITIAL FLOW PRESSURE: 24 PSI
(F) SECOND FINAL FLOW PRESSURE: 24 PSI
(G) FINAL CLOSED-IN PRESSURE: 33 PSI
(H) FINAL HYDROSTATIC PRESSURE: 2100 PSI
WELL TEMPERATURE: 110 °F
OPEN TOOL: 5:30 P.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	21 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	33 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	21	0	21	0	24	0	24
2	5	21	3	22	5	24	3	24
3	10	21	6	23	10	24	6	25
4	15	21	9	24	15	24	9	25
5	20	21	12	25	20	24	12	26
6	25	21	15	27	25	24	15	26
7	30	21	18	29	30	24	18	27
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1606 DST#10

TKT # 4178

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Inside Recorder

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TKT # 4178

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