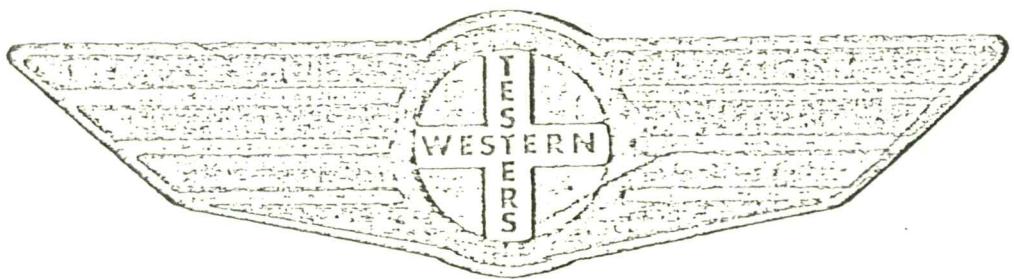


FORMATION

TEST

REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO., INC.,
SUBSURFACE PRESSURE SURVEY

DATE: 4/17/84 TICKET #15817
 CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
 WELL: 1 TEST: 1 GEOLOGIST: KINSCH
 ELEVATION (KB): 0 FORMATION: COUNCIL GROVE
 SECTION: 2 TOWNSHIP: 34S
 RANGE: 29W COUNTY: MEADE STATE: KANSAS
 GAUGE SN #1566 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 3140 FT TO: 3150 FT TOTAL DEPTH: 3150 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 3135 FT SIZE: 6 3/4 IN PACKER DEPTH: 3140 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN DRLG

MUD TYPE: VISCOSITY: 35
 WEIGHT: 9.2 WATER LOSS (CCD):

CHLORIDES (P.P.M.): 32000

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

DRILL COLLAR LENGTH: 556 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 2564 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN
 ANCHOR LENGTH: 10 FT SIZE: 5 1/2 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 THROUGHOUT TEST.

RECOVERED: 120 FT OF: MUDDY WATER. CHLORIDES 45000 PPM.
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 11:30 PM TIME STARTED OFF BOTTOM: 2:30 AM

WELL TEMPERATURE: 112 °F

INITIAL HYDROSTATIC PRESSURE:		(A) 1606	PSI	
INITIAL FLOW PERIOD	MIN: 30	(B) 19	PSI TO (C) 42	PSI
INITIAL CLOSED IN PERIOD	MIN: 60	(D) 862	PSI	
FINAL FLOW PERIOD	MIN: 30	(E) 86	PSI TO (F) 86	PSI
FINAL CLOSED IN PERIOD	MIN: 72	(G) 846	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1525	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 4/17/84 TICKET #15817
CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
WELL: 1 TEST: 1 GEOLOGIST: KINSCH
ELEVATION (KB): 0 FORMATION: COUNCIL GROVE
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEADE STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1606 PSI
(B) FIRST INITIAL FLOW PRESSURE: 19 PSI
(C) FIRST FINAL FLOW PRESSURE: 42 PSI
(D) INITIAL CLOSED-IN PRESSURE: 862 PSI
(E) SECOND INITIAL FLOW PRESSURE: 86 PSI
(F) SECOND FINAL FLOW PRESSURE: 86 PSI
(G) FINAL CLOSED-IN PRESSURE: 846 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1525 PSI
WELL TEMPERATURE: 112 °F

OPEN TUES - 11:30 PM

TIME - GIVEN TIME - ACTUAL

FIRST FLOW PRESSURE:	30	MIN	30	MIN
INITIAL CLOSED-IN PRESSURE:	60	MIN	60	MIN
SECOND FLOW PRESSURE:	30	MIN	30	MIN
FINAL CLOSED-IN PRESSURE:	60	MIN	72	MIN

PRESSURE BREAKDOWN

TKT # 15817

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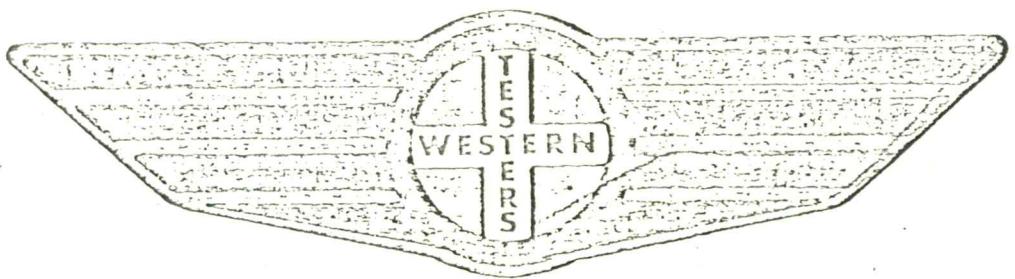
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FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/18/84 TICKET #15818
 CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
 WELL: 1 TEST: 2 GEOLOGIST: KINSCH
 ELEVATION (KBD): 0 FORMATION: COUNCIL GROVE
 SECTION: 2 TOWNSHIP: 34S
 RANGE: 29W COUNTY: MEADE STATE: KANSAS
 GAUGE SN #1566 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 3159 FT TO: 3169 FT TOTAL DEPTH: 3169 FT
 DEPTH OF SELECTIVE ZONE: FT

PACKER DEPTH: 3154 FT SIZE: 6 3/4 IN PACKER DEPTH: 3159 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN DRLG

MUD TYPE: CHEMICAL VISCOSITY: 35
 WEIGHT: 9.2 WATER LOSS (CCD):

CHLORIDES (P.P.M.): 32000

JARS - MAKE: SERIAL NUMBER:

DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: 556 FT I.D.: 2.25 IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 2583 FT I.D.: 3.8 IN

TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN

ANCHOR LENGTH: 10 FT SIZE: 5 1/2 IN

SURFACE CHOCKE SIZE: 3/4 IN BOTTOM CHOCKE 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 SLOWLY
 BUILDING TO BOTTOM OF BUCKET.
 FINAL FLOW PERIOD WEAK BLOW BUILDING
 TO 4 INCHES.

RECOVERED: 340 FT OF: SALT WATER. CHLORIDES 45000 PPM.

RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 11:15 AM TIME STARTED OFF BOTTOM: 2:15 PM

WELL TEMPERATURE: 102 °F

INITIAL HYDROSTATIC PRESSURE:	(A) 1605	PSI		
INITIAL FLOW PERIOD	MIN: 30	(B) 29	PSI TO (C) 84	PSI
INITIAL CLOSED IN PERIOD	MIN: 60	(D) 900	PSI	
FINAL FLOW PERIOD	MIN: 30	(E) 123	PSI TO (F) 162	PSI
FINAL CLOSED IN PERIOD	MIN: 66	(G) 898	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1486	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 4/18/84	TICKET #15818	
CUSTOMER: W.L. KIRKMAN INC.	LEASE: CORDES	
WELL: 1	TEST: 2	GEOLOGIST: KINSCH
ELEVATION (KB): 0	FORMATION: COUNCIL GROVE	
SECTION: 2	TOWNSHIP: 34S	
RANGE: 29W	COUNTY: MEADE	STATE: KANSAS
GAUGE SN #1566	RANGE: 4300	CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1605 PSI
(B) FIRST INITIAL FLOW PRESSURE: 29 PSI
(C) FIRST FINAL FLOW PRESSURE: 84 PSI
(D) INITIAL CLOSED-IN PRESSURE: 900 PSI
(E) SECOND INITIAL FLOW PRESSURE: 123 PSI
(F) SECOND FINAL FLOW PRESSURE: 162 PSI
(G) FINAL CLOSED-IN PRESSURE: 898 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1486 PSI

WELL TEMPERATURE:
OPEN TOOL: 11:15 AM

TIME - GIVEN TIME - ACTUAL

FIRST FLOW PRESSURE:	30	MIN	30	MIN
INITIAL CLOSED-IN PRESSURE:	60	MIN	60	MIN
SECOND FLOW PRESSURE:	30	MIN	30	MIN
FINAL CLOSED-IN PRESSURE:	60	MIN	66	MIN

PRESSURE BREAKDOWN

TKT # 15818

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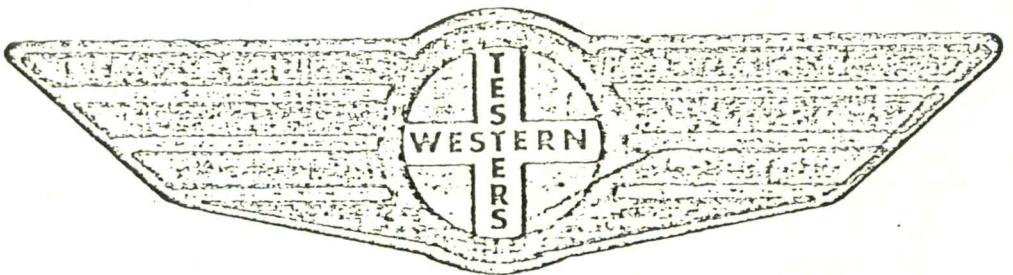
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FORMATION
TEST
REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/28/84 TICKET #15823
 CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
 WELL: 1 TEST: 5 GEOLOGIST: KINSCH
 ELEVATION (KB): 0 FORMATION: MARMATON
 SECTION: 2 TOWNSHIP: 34S
 RANGE: 29W COUNTY: MEADE STATE: KANSAS
 GAUGE SN #1566 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 5254 FT TO: 5283 FT TOTAL DEPTH: 5283 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 5249 FT SIZE: 6 3/4 IN PACKER DEPTH: 5254 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN DRLG

MUD TYPE: CHEMICAL VISCOSITY: 52
 WEIGHT: 9.0 WATER LOSS (CCO): 5.4

CHLORIDES (P.P.M.): 6000

JARS - MAKE: WTC SERIAL NUMBER: 411

DID WELL FLOW? REVERSED OUT? YES

DRILL COLLAR LENGTH: 556 FT I.D.: 2.25 IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 4673 FT I.D.: 3.8 IN

TEST TOOL LENGTH: 25 FT TOOL SIZE: 5 1/2 IN

ANCHOR LENGTH: 29 FT SIZE: 5 1/2 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: GAS TO SURFACE IN 3 MINUTES.

SEE ATTACHED SHEET FOR GAS
MEASUREMENTS.

RECOVERED: 4010 FT OF: CLEAN GASSY OIL.
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS: MISRUN. BOTH RECORDERS FAILED.
NO PRESSURES AVAILABLE.

TIME SET PACKER(S): 1:30 AM TIME STARTED OFF BOTTOM: 3:10 AM

WELL TEMPERATURE: 122 °F

INITIAL HYDROSTATIC PRESSURE:	(A)	PSI	
INITIAL FLOW PERIOD	(B) 0	PSI TO (C) 0	PSI
INITIAL CLOSED IN PERIOD	(D) 0	PSI	
FINAL FLOW PERIOD	(E) 0	PSI TO (F) 0	PSI
FINAL CLOSED IN PERIOD	(G) 0	PSI	
FINAL HYDROSTATIC PRESSURE	(H)	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 4/28/84 TICKET #15823
CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
WELL: 1 TEST: 5 GEOLOGIST: KINSCH
ELEVATION (KBD): 0 FORMATION: MARMATON
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEADE STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 100000 PSI
(B) FIRST INITIAL FLOW PRESSURE: 0 PSI
(C) FIRST FINAL FLOW PRESSURE: 0 PSI
(D) INITIAL CLOSED-IN PRESSURE: 0 PSI
(E) SECOND INITIAL FLOW PRESSURE: 0 PSI
(F) SECOND FINAL FLOW PRESSURE: 0 PSI
(G) FINAL CLOSED-IN PRESSURE: 0 PSI
(H) FINAL HYDROSTATIC PRESSURE: 100000 PSI
WELL TEMPERATURE: 122 °F

OPEN TOOL : 1:30 AM

	TIME - GIVEN	TIME - ACTUAL	
FIRST FLOW PRESSURE:	10	MIN 0	MIN
INITIAL CLOSED-IN PRESSURE:	15	MIN 0	MIN
SECOND FLOW PRESSURE:	30	MIN 0	MIN
FINAL CLOSED-IN PRESSURE:	45	MIN 0	MIN

PRESSURE BREAKDOWN

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 4/28/84
CUSTOMER: W.L. KIRKMAN INC.
WELL: 1 TEST: 5
ELEVATION (KFT): 0 FORMATION: MARMATON
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEADE STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

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

5	MERLA	1	6.0 PSIG	353000 CFPD
10			5.0 PSIG	319000 CFPD

SECOND FLOW

5	MERLA	1/8	2.5 PSIG	4420 CFPD
10			3.0 PSIG	4840 CFPD
15			3.5 PSIG	5260 CFPD
20			4.0 PSIG	5640 CFPD
25			3.5 PSIG	5260 CFPD
30			2.5 PSIG	4420 CFPD

GAS BOTTLE SN #: 109
DATE BOTTLE FILLED: 4/28/84
DATE TO BE INVOICED: 4/28/84

HC# 15823

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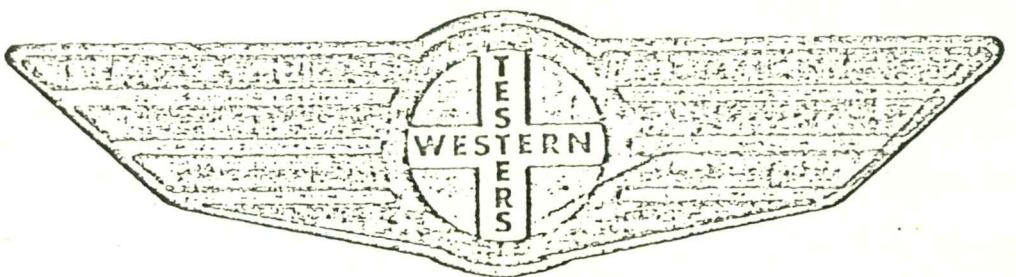
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15823



FORMATION

TEST

REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/28/84 TICKET #15824
 CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
 WELL: 1 TEST: 6 GEOLOGIST: KINSCH
 ELEVATION (KB): 0 FORMATION: MARMATON
 SECTION: 2 TOWNSHIP: 34S
 RANGE: 29W COUNTY: MEADE STATE: KANSAS
 GAUGE SN #2067 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 5283 FT TO: 5328 FT TOTAL DEPTH: 5328 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 5278 FT SIZE: 6 3/4 IN PACKER DEPTH: 5283 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN DRLG

MUD TYPE: CHEMICAL VISCOSITY: 51
 WEIGHT: 9.0 WATER LOSS (CC): 6.8

CHLORIDES (P.P.M.): 7000

JARS - MAKE: WTC SERIAL NUMBER: 411

DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: 556 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 4702 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 25 FT TOOL SIZE: 5 1/2 IN
 ANCHOR LENGTH: 45 FT SIZE: 5 1/2 IN
 SURFACE CHOCK SIZE: 3/4 IN BOTTOM CHOCK 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.

1 INCH IN BUCKET.

FINAL FLOW PERIOD NO BLOW.

FLUSHED TOOL; STILL NO BLOW.

RECOVERED: 90 FT OF: DRILLING MUD. CHLORIDES 12000 PPM.
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS: TOOL SLID 10 FEET.

READ BOTTOM CHART.

TIME SET PACKER(S): 7:40 PM
 WELL TEMPERATURE: 122 °F

TIME STARTED OFF BOTTOM: 8:30 PM

INITIAL HYDROSTATIC PRESSURE:		(A) 2521	PSI
INITIAL FLOW PERIOD	MIN: 10	(B) 124	PSI
INITIAL CLOSED IN PERIOD	MIN: 18	(C) 111	PSI
FINAL FLOW PERIOD	MIN: 10	(D) 1326	PSI
FINAL CLOSED IN PERIOD	MIN: 18	(E) 109	PSI
FINAL HYDROSTATIC PRESSURE		(F) 126	PSI
		(G) 1320	PSI
		(H) 2521	PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 4/28/84 TICKET #15824
CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
WELL: 1 TEST: 6 GEOLOGIST: KINSCH
ELEVATION (KB): 0 FORMATION: MARMATON
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEADE STATE: KANSAS
GAUGE SN #2067 RANGE: 4150 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2521 PSI
(B) FIRST INITIAL FLOW PRESSURE: 124 PSI
(C) FIRST FINAL FLOW PRESSURE: 111 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1326 PSI
(E) SECOND INITIAL FLOW PRESSURE: 109 PSI
(F) SECOND FINAL FLOW PRESSURE: 126 PSI
(G) FINAL CLOSED-IN PRESSURE: 1320 PSI
(H) FINAL HYDROSTATIC PRESSURE: 2521 PSI
WELL TEMPERATURE: 122 °F
OPEN TOOL: 7:40 PM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	10	MIN 10
INITIAL CLOSED-IN PRESSURE:	15	MIN 18
SECOND FLOW PRESSURE:	10	MIN 10
FINAL CLOSED-IN PRESSURE:	15	MIN 18

PRESSURE BREAKDOWN

PT	FIRST FLOW MIN	INITIAL SHUT-IN PRESSURE	MIN	SECOND FLOW PRESSURE	MIN	FINAL SHUT-IN PRESSURE
1	0	124	0	111	0	109
2	5	114	3	163	5	140
3	10	111	6	594	10	126
4			9	990		9
5			12	1174		12
6			15	1281		15
7			18	1326		18

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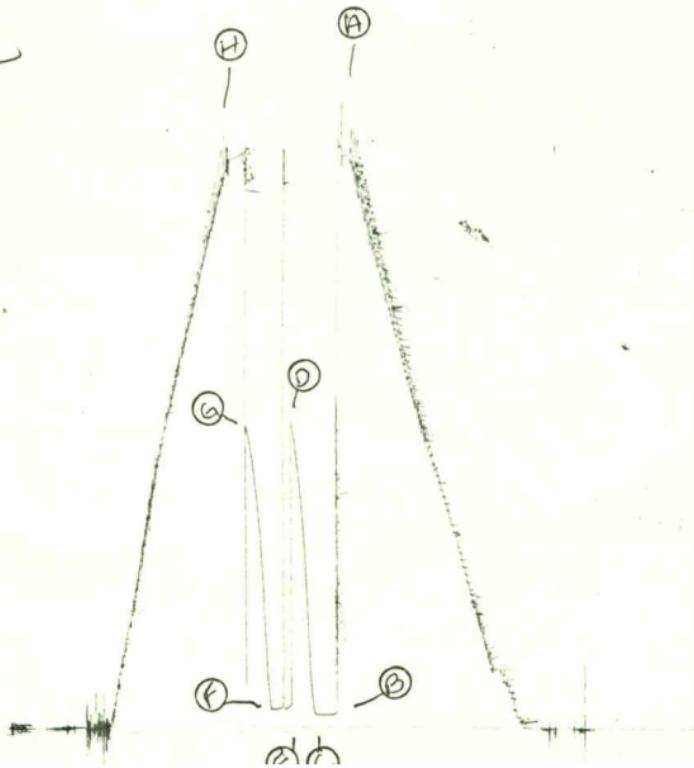
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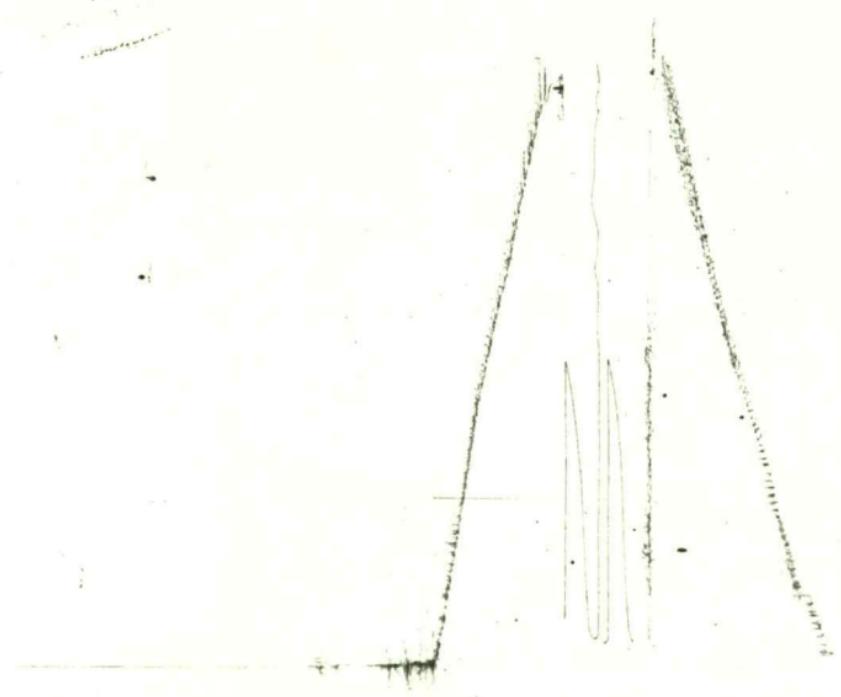


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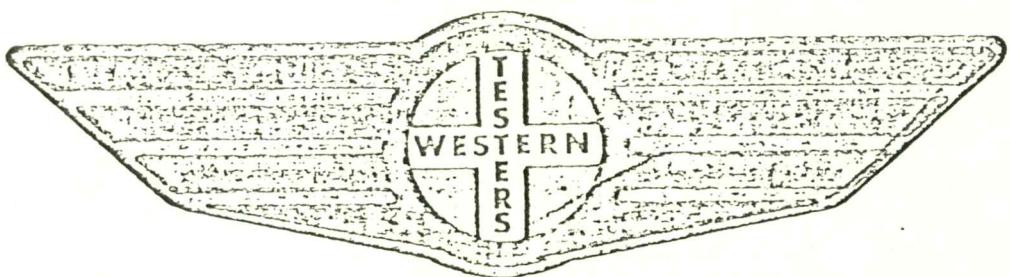
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FORMATION
TEST
REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/29/84 TICKET #15825
 CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
 WELL: 1 TEST: 7 GEOLOGIST: KINSCH
 ELEVATION (KB): 0 FORMATION: MARMATON
 SECTION: 2 TOWNSHIP: 34S
 RANGE: 29W COUNTY: MEADE STATE: KANSAS
 GAUGE SN #1566 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 5330 FT TO: 5376 FT TOTAL DEPTH: 5376 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 5335 FT SIZE: 6 3/4 IN PACKER DEPTH: 5330 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN DRLG
 MUD TYPE: CHEMICAL VISCOSITY: 44
 WEIGHT: 8.9 WATER LOSS (CCD): 9.0
 CHLORIDES (P.P.M.): 9000
 JARS - MAKE: WTC SERIAL NUMBER: 411
 DID WELL FLOW? REVERSED OUT?
 DRILL COLLAR LENGTH: 556 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 5351 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 25 FT TOOL SIZE: 5 1/2 IN
 ANCHOR LENGTH: 46 FT SIZE: 5 1/2 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 STRONG BLOW
 OFF BOTTOM OF BUCKET.
 FINAL FLOW PERIOD 6 INCHES IN BUCKET.

RECOVERED: 60 FT OF: OIL CUT MUD. 5% OIL, 15% WATER, 80% MUD.
 RECOVERED: 60 FT OF: SALT WATER. 10% MUD, 90% WATER.
 RECOVERED: FT OF: CHLORIDES 90000 PPM.
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS: MISRUN. BOTH CLOCKS STOPPED.
 NO PRESSURES AVAILABLE.

TIME SET PACKER(S): 12:50 TIME STARTED OFF BOTTOM: 2:30

WELL TEMPERATURE: 120 °F

INITIAL HYDROSTATIC PRESSURE:	(A)	PSI		
INITIAL FLOW PERIOD	MIN: 0	(B) 0	PSI TO (C) 0	PSI
INITIAL CLOSED IN PERIOD	MIN: 0	(D) 0	PSI	
FINAL FLOW PERIOD	MIN: 0	(E) 0	PSI TO (F) 0	PSI
FINAL CLOSED IN PERIOD	MIN: 0	(G) 0	PSI	
FINAL HYDROSTATIC PRESSURE		(H)	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 4/29/84 TICKET #15825
CUSTOMER: W.L. KIRKMAN INC. LEASE: CORDES
WELL: 1 TEST: 7 GEOLOGIST: KINSCH
ELEVATION (KB): 0 FORMATION: MARMATON
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEADE STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 0 PSI
(B) FIRST INITIAL FLOW PRESSURE: 0 PSI
(C) FIRST FINAL FLOW PRESSURE: 0 PSI
(D) INITIAL CLOSED-IN PRESSURE: 0 PSI
(E) SECOND INITIAL FLOW PRESSURE: 0 PSI
(F) SECOND FINAL FLOW PRESSURE: 0 PSI
(G) FINAL CLOSED-IN PRESSURE: 0 PSI
(H) FINAL HYDROSTATIC PRESSURE: 0 PSI
WELL TEMPERATURE: 120 °F
OPEN TOOL: 12:50

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	10	MIN 0
INITIAL CLOSED-IN PRESSURE:	15	MIN 0
SECOND FLOW PRESSURE:	30	MIN 0
FINAL CLOSED-IN PRESSURE:	45	MIN 0

PRESSURE BREAKDOWN

PT	FIRST FLOW MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	FINAL SHUT-IN PRESSURE
1	0	0	0	0
2				
3				
4				
5				
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TKT# 15825

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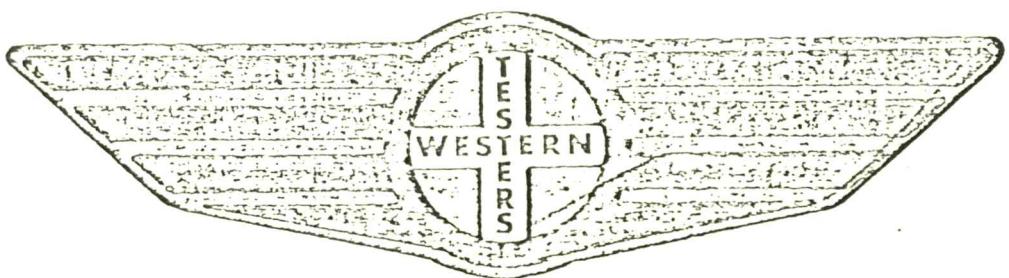
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FORMATION

TEST

REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

Company

W L KIRKMAN, INC.

Lease and Well No.

#1 CORDES

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Test No. 8 Date 5/1/84

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 5/1/84 TICKET #18126
CUSTOMER: W.L.KIRKMAN LEASE: CORDES
WELL: #1 GEOLOGIST: KISSICLE
ELEVATION (KB): 0 FORMATION: MARROW
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEAD STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2789 PSI
(B) FIRST INITIAL FLOW PRESSURE: 434 PSI
(C) FIRST FINAL FLOW PRESSURE: 454 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1874 PSI
(E) SECOND INITIAL FLOW PRESSURE: 512 PSI
(F) SECOND FINAL FLOW PRESSURE: 457 PSI
(G) FINAL CLOSED-IN PRESSURE: 1862 PSI
(H) FINAL HYDROSTATIC PRESSURE: 2789 PSI
WELL TEMPERATURE: 120 °F
OPEN TOOL: 4:50 A.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	10 MIN	10 MIN
INITIAL CLOSED-IN PRESSURE:	15 MIN	18 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	45 MIN	48 MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	FINAL SHUT-IN PRESSURE
1	0	434	0	457
2	5	441	3	1304
3	10	454	6	1440
4			9	1515
5			12	1566
6			15	1610
7			18	1649
8				1678
9				1704
10				1730
11				1757
12				1776
13				1798
14				1816
15				1831
16				1846
17				1862
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WESTERN TESTING COMPANY INC.
GAS FLOW REPORT

DATE: 5/1/84
CUSTOMER: W.L.KIRKMAN
WELL: #1
ELEVATION (KFT): 0
SECTION: 2
RANGE: 29W
GAUGE SN #1566
TEST: 8
FORMATION: MARROW
COUNTY: MEAD
RANGE: 4300
TOWNSHIP: 34S
STATE: KANSAS
CLOCK: 12

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

PRE FLOW

5	MERLA	1 1/2	24 PSIG	2200000 CFPD
10		"	30 PSIG	2558000 "

SECOND FLOW

5	MERLA	1 1/2	26 PSIG	2319000 CFPD
10		"	36 PSIG	2916000 "
15		"	36 PSIG	2916000 "
20		"	38 PSIG	3036000 "
25		"	36 PSIG	2916000 "
30		"	36 PSIG	2916000 "

GAS BOTTLE SN #: 631
DATE BOTTLE FILLED: 5/1/84
DATE TO BE INVOICED: 5/8/84

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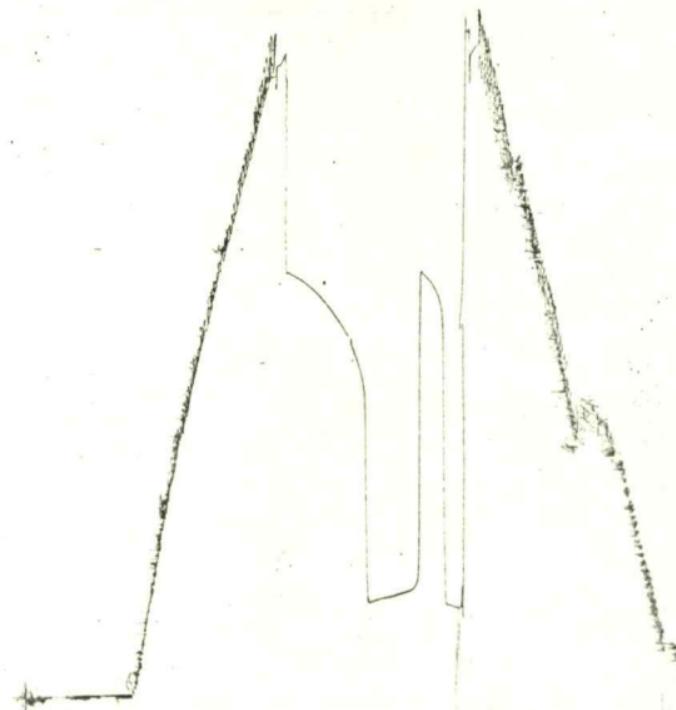
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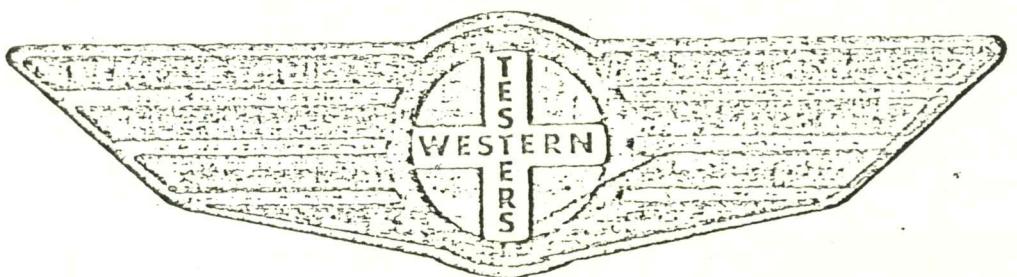
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FORMATION
TEST
REPORT



Home Office: Wichita, Kansas 67201
P.O. Box 1599 Phone (316) 262-5861

Company _____ W.L. KIRKMAN
Lease and Well No. _____ #1 CORDES
Sec. _____ 2 Twp. 34S Rge. 29W Test No. 9 Date 5/1/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 5/1/84 TICKET #18127
CUSTOMER: W.L. KIRKMAN LEASE: CORDES
WELL: #1 TEST: 9 GEOLOGIST: KISSICLE
ELEVATION (KB): 0 FORMATION: MARROW
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEAD STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 5769 FT TO: 5782 FT TOTAL DEPTH: 5782 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 5764 FT SIZE: 6 3/4 IN PACKER DEPTH: 5769 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN
MUD TYPE: CHEM VISCOSITY: 55
WEIGHT: 9.0 WATER LOSS (CC): 11.0
CHLORIDES (P.P.M.): 9000
JARS - MAKE: W.T.C. SERIAL NUMBER: 411
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 598 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 5146 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 25 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 13 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 OF 1/2" IN BUCKET.

RECOVERED: 90 FT OF: MUD; CHLORIDES 60000 P.P.M.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 9:05 P.M. TIME STARTED OFF BOTTOM: 10:00 P.M.
WELL TEMPERATURE: 120 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2766 PSI
INITIAL FLOW PERIOD MIN: 15 (B) 84 PSI TO (C) 63 PSI
INITIAL CLOSED IN PERIOD MIN: 15 (D) 1375 PSI
FINAL FLOW PERIOD MIN: 15 (E) 98 PSI TO (F) 77 PSI
FINAL CLOSED IN PERIOD MIN: 18 (G) 1239 PSI
FINAL HYDROSTATIC PRESSURE (H) 2743 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 5/1/84 TICKET #18127
CUSTOMER: W.L. KIRKMAN LEASE: CORDES
WELL: #1 TEST: 9 GEOLOGIST: KISSICLE
ELEVATION (KB): 0 FORMATION: MARROW
SECTION: 2 TOWNSHIP: 34S
RANGE: 29W COUNTY: MEAD STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2766 PSI
(B) FIRST INITIAL FLOW PRESSURE: 84 PSI
(C) FIRST FINAL FLOW PRESSURE: 63 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1375 PSI
(E) SECOND INITIAL FLOW PRESSURE: 98 PSI
(F) SECOND FINAL FLOW PRESSURE: 77 PSI
(G) FINAL CLOSED-IN PRESSURE: 1239 PSI
(H) FINAL HYDROSTATIC PRESSURE: 2743 PSI
WELL TEMPERATURE: 120 °F
OPEN TOOL: 9:05 P.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	10 MIN	15 MIN
INITIAL CLOSED-IN PRESSURE:	15 MIN	15 MIN
SECOND FLOW PRESSURE:	15 MIN	15 MIN
FINAL CLOSED-IN PRESSURE:	15 MIN	18 MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	FINAL SHUT-IN PRESSURE
1	0	84	0	98
2	5	63	3	77
3	10	63	6	139
4	15	63	9	387
5		12	1190	745
6		15	1375	1030
7				1239
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