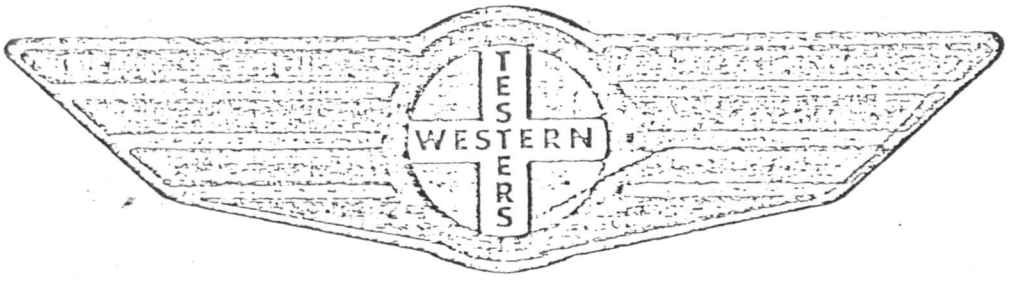
FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company MIM PETROLEUM

Lease and Well No. #3 POUND

Sec. 7 Twp. 30S Rge. 7W Test No. 1 Date 8/4/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/4/84 TICKET #5655
CUSTOMER: M.T.M. PETROLEUM LEASE: POUND
WELL: 3 TEST: 1 GEOLOGIST: SCHIERLING
ELEVATION (KB): 1476 FORMATION: MISSISSIPPI
SECTION: 2 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 4113 FT TO: 4133 FT TOTAL DEPTH: 4133 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4108 FT SIZE: 6 5/8 IN PACKER DEPTH: 4113 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDERBARAN
MUD TYPE: PREMIX VISCOSITY: 45
WEIGHT: 9.3 WATER LOSS (CC): 12.4
CHLORIDES (P.P.M.): 16000
JARS - MAKE: W.T.C. SERIAL NUMBER: 409
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 551 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3534 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 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 X.H. IN

BLOW: STRONG BLOW IN 3 MINUTES THROUGHOUT TEST. WOULD
NOT MAINTAIN 2 INCH FLOW LINE.

RECOVERED: 450 FT OF: GAS ABOVE FLUID
RECOVERED: 85 FT OF: OIL CUT MUD: 20% GAS: 10% OIL: 70% MUD
RECOVERED: 60 FT OF: OIL CUT WATERY MUD: 20% GAS: 10% OIL: 15% WATER
RECOVERED: FT OF: 55% MUD
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 2:20 P.M. TIME STARTED OFF BOTTOM: 5:35 P.M.
WELL TEMPERATURE: 132 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1996 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 73 PSI TO (C) 73 PSI
INITIAL CLOSED IN PERIOD MIN: 54 (D) 379 PSI
FINAL FLOW PERIOD MIN: 45 (E) 99 PSI TO (F) 99 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 370 PSI
FINAL HYDROSTATIC PRESSURE (H) 1962 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 8/4/84 TICKET #5655
CUSTOMER: M.T.M. PETROLEUM LEASE: POUND
WELL: 3 TEST: 1 GEOLOGIST: SCHIERLING
ELEVATION (KB): 1476 FORMATION: MISSISSIPPI
SECTION: 2 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1996	PSI
(B) FIRST INITIAL FLOW PRESSURE:	73	PSI
(C) FIRST FINAL FLOW PRESSURE:	73	PSI
(D) INITIAL CLOSED-IN PRESSURE:	379	PSI
(E) SECOND INITIAL FLOW PRESSURE:	99	PSI
(F) SECOND FINAL FLOW PRESSURE:	99	PSI
(G) FINAL CLOSED-IN PRESSURE:	370	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1962	PSI
WELL TEMPERATURE:	132	'F

OPEN TOOL: 2:20 P.M.

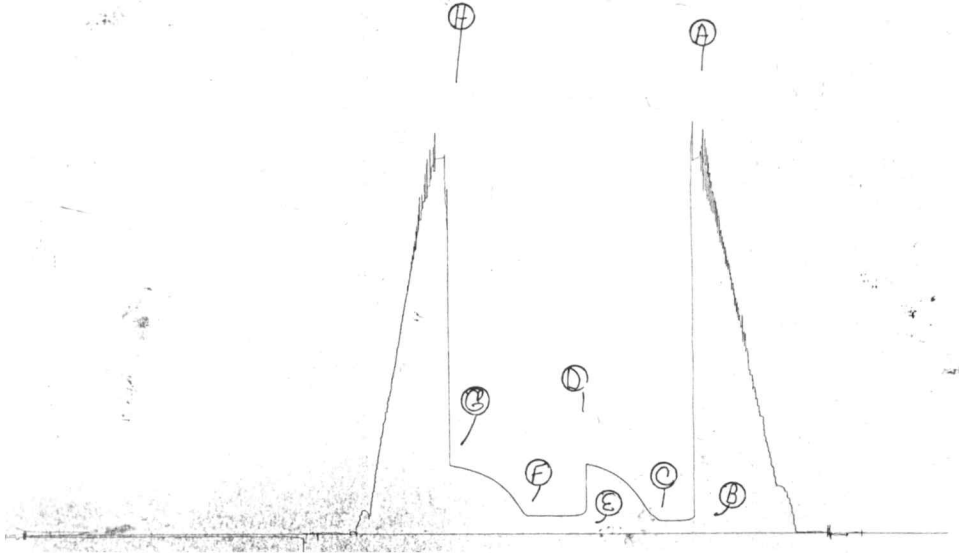
	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	54 MIN
SECOND FLOW PRESSURE:	45 MIN	45 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	57 MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	73	0	73	0	99	0	99
2	5	73	3	87	5	99	3	120
3	10	73	6	106	10	99	6	154
4	15	73	9	128	15	99	9	185
5	20	73	12	160	20	99	12	214
6	25	73	15	193	25	99	15	238
7			18	224	30	99	18	260
8			21	251	35	99	21	280
9			24	275	40	99	24	295
10			27	293	45	99	27	305
11			30	308			30	315
12			33	322			33	325
13			36	335			36	335
14			39	346			39	345
15			42	356			42	350
16			45	363			45	355
17			48	370			48	360
18			51	375			51	364
19			54	379			54	367
20							57	370
21								
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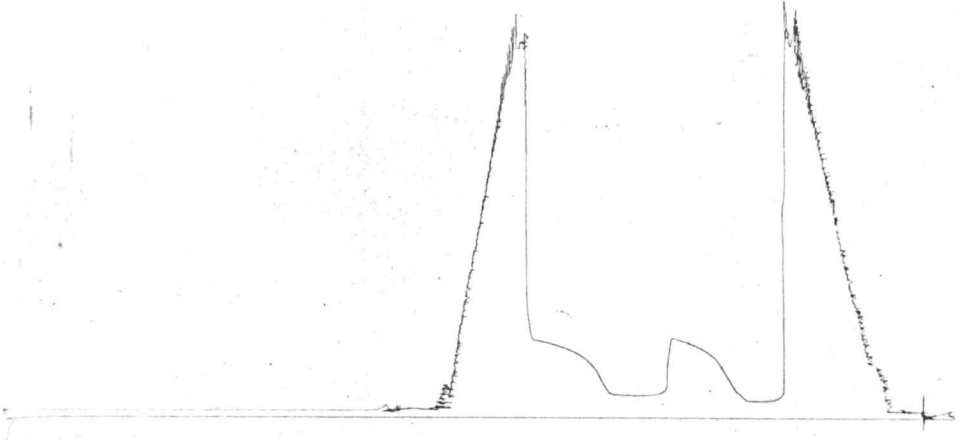
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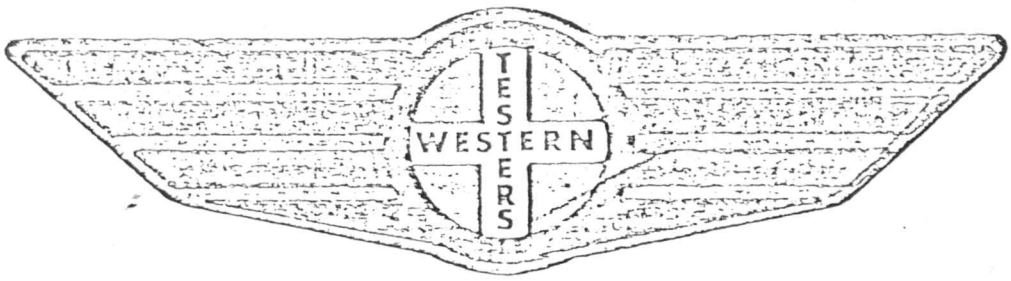
13261 DST #1

IKT #5655

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FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company MTM PETROLEUM Lease and Well No. #3 POUND Sec. 2 Twp. 30S Rge. 7W Test No. 2 Date 8/5/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/5/84 TICKET #5656
CUSTOMER: M.T.M. PETROLEUM LEASE: POUND
WELL: 3 TEST: 2 GEOLOGIST: SCHIERLING
ELEVATION (KB): 1476 FORMATION: MISSISSIPPI
SECTION: 2 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 4133 FT TO: 4155 FT TOTAL DEPTH: 4155 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4128 FT SIZE: 6 5/8 IN PACKER DEPTH: 4133 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDERBARAN
MUD TYPE: PREMIX VISCOSITY: 45
WEIGHT: 9.3 WATER LOSS (CC): 12.4
CHLORIDES (P.P.M.): 16000
JARS - MAKE: W.T.C. SERIAL NUMBER: 409
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 551 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3554 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 22 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 X.H. IN

BLOW: STRONG BLOW 1 MINUTE. GAS TO SURFACE 20 MINUTES
ON INITIAL FLOW PERIOD. SEE ATACHED GAS SHEET.

RECOVERED: 235 FT OF: SLIGHTLY OIL & HEAVY GAS CUT MUD
RECOVERED: 125 FT OF: HEAVY OIL & GAS CUT 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): 5:10 A.M. TIME STARTED OFF BOTTOM: 8:40 A.M.
WELL TEMPERATURE: 132 °F

INITIAL HYDROSTATIC PRESSURE:		(A) 1936	PSI	
INITIAL FLOW PERIOD	MIN: 30	(B) 59	PSI TO (C) 67	PSI
INITIAL CLOSED IN PERIOD	MIN: 54	(D) 438	PSI	
FINAL FLOW PERIOD	MIN: 60	(E) 97	PSI TO (F) 105	PSI
FINAL CLOSED IN PERIOD	MIN: 63	(G) 438	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1928	PSI	

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 8/5/84 TICKET #5656
CUSTOMER: M.T.M. PETROLEUM LEASE: POUND
WELL: 3 TEST: 2 GEOLOGIST: SCHIERLING
ELEVATION (KB): 1476 FORMATION: MISSISSIPPI
SECTION: 2 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1936	PSI
(B) FIRST INITIAL FLOW PRESSURE:	59	PSI
(C) FIRST FINAL FLOW PRESSURE:	67	PSI
(D) INITIAL CLOSED-IN PRESSURE:	438	PSI
(E) SECOND INITIAL FLOW PRESSURE:	97	PSI
(F) SECOND FINAL FLOW PRESSURE:	105	PSI
(G) FINAL CLOSED-IN PRESSURE:	438	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1928	PSI
WELL TEMPERATURE:	132	'F

OPEN TOOL: 5:10 A.M.

	TIME - GIVEN		TIME - ACTUAL	
FIRST FLOW PRESSURE:	30	MIN	30	MIN
INITIAL CLOSED-IN PRESSURE:	60	MIN	54	MIN
SECOND FLOW PRESSURE:	60	MIN	60	MIN
FINAL CLOSED-IN PRESSURE:	60	MIN	63	MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	59	0	67	0	97	0	105
2	5	59	3	327	5	97	3	284
3	10	60	6	382	10	97	6	353
4	15	60	9	404	15	97	9	384
5	20	62	12	415	20	99	12	402
6	25	64	15	425	25	100	15	410
7	30	67	18	428	30	101	18	418
8			21	430	35	102	21	424
9			24	432	40	103	24	427
10			27	434	45	104	27	429
11			30	435	50	104	30	431
12			33	435	55	105	33	432
13			36	436	60	105	36	433
14			39	436			39	434
15			42	437			42	435
16			45	437			45	436
17			48	438			48	436
18			51	438			51	437
19			54	438			54	437
20							57	438
21							60	438
22							63	438
23								
24								
25								
26								
27								
28								
29								
30								

WESTERN TESTING COMPANY INC.
GAS FLOW REPORT

DATE: 8/5/84 TICKET #5656
CUSTOMER: M.T.M. PETROLEUM LEASE: POUND
WELL: 3 TEST: 2 GEOLOGIST: SCHIERLING
ELEVATION (KB): 1476 FORMATION: MISSISSIPPI
SECTION: 2 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

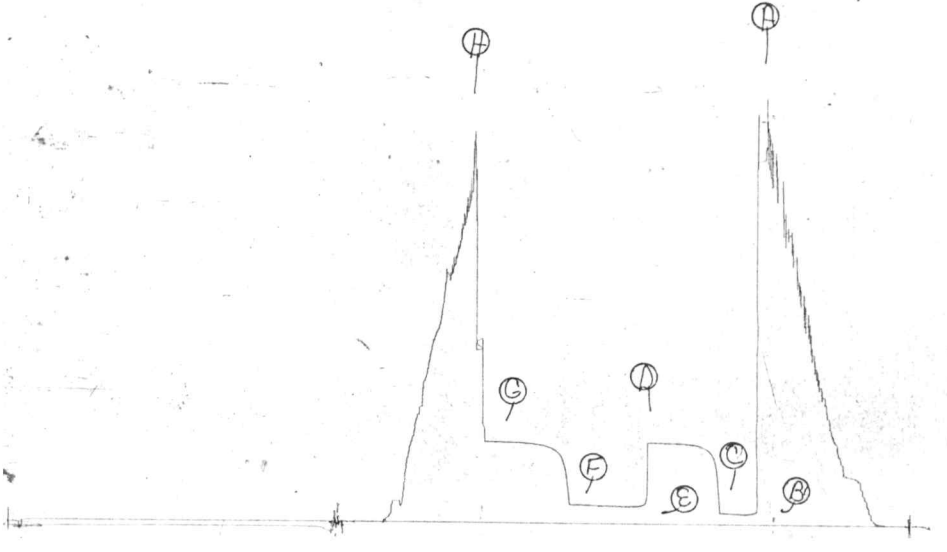
TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
		PRE FLOW		
30	MERLA	1/2"	15" WTR	24500 CFPD
		SECOND FLOW		
10	MERLA	1/2"	17" WTR	25800 CFPD
20		"	17" WTR	25800 " "
30		"	17" WTR	25800 " "
40		"	20" WTR	28000 " "
50		"	20" WTR	28000 " "
60		"	20" WTR	28000 " "

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

2606 Wash PC

TKT #5656

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1926 7 WDIMC TKT # 5656

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