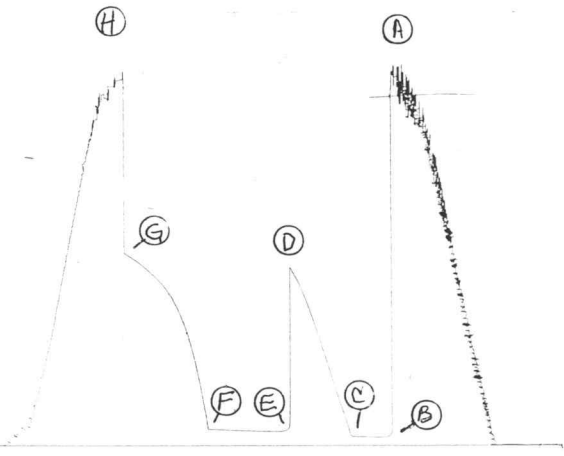


Ticket # 20675

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05TH  
10270



Inside Recorder

Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 1/10/95  
CUSTOMER : MTM PETROLEUM  
WELL : #1 TEST: 1  
ELEVATION: N/A  
SECTION : 18  
RANGE : 9W COUNTY: KINGMAN  
GAUGE SN#: 10270 RANGE : 4150  
TICKET : 20675  
LEASE : STEFFEN  
GEOLOGIST: MARVIN MILLER  
FORMATION: MISSISSIPPI  
TOWNSHIP : 27S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4000.00 ft TO: 4023.00 ft TVD: 4023.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4015.0 ft 4018.0 ft  
TEMPERATURE: 125.0  
DRILL COLLAR LENGTH: 0.0 ft I.D.: 0.000 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 3980.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 23.0 ft ANCHOR SIZE: 5.500 in  
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in  
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH  
PACKER DEPTH: 3995.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4000.0 ft SIZE: 6.630 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : VAL ENERGY RIG #1  
MUD TYPE : CHEMICAL VISCOSITY : 42.00 cp  
WEIGHT : 9.100 ppg WATER LOSS: 11.200 cc  
CHLORIDES : 6500 ppm  
JARS-MAKE :  
DID WELL FLOW?: YES SERIAL NUMBER:  
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW: STRONG BLOW THROUGHOUT.  
FINAL FLOW: STRONG BLOW, GAS TO SURFACE IN 57  
MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
35.0	30.0	25.0	10.0	35.0	HEAVY OIL AND GAS CUT MUD
60.0	34.0	40.0	16.0	10.0	MUDDY GASSY OIL
60.0	35.0	55.0	10.0	0.0	GASSY OIL
0.0	0.0	0.0	0.0	0.0	CHLORIDES- 41,000 PPM

RATE INFORMATION

OIL VOLUME:	0.7280 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	5.1783 SCF	AVERAGE OIL RATE:	14.6250 STB/D
MUD VOLUME:	0.2560 STB	AVERAGE WATER RATE:	5.4046 STB/D
WATER VOLUME:	0.2679 STB		
TOTAL FLUID :	1.2519 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1983.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	41.00
INITIAL SHUT-IN	45.00		966.00
FINAL FLOW	60.00	72.00	83.00
FINAL SHUT-IN	60.00		1029.00

FINAL HYDROSTATIC PRESSURE: 1962.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1983.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	45.00	45.00
INITIAL SHUT-IN	45.00		955.00
FINAL FLOW	60.00	74.00	84.00
FINAL SHUT-IN	60.00		1028.00

FINAL HYDROSTATIC PRESSURE: 1957.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 1/10/95	TICKET : 20675
CUSTOMER : MTM PETROLEUM	LEASE : STEFFEN
WELL : #1                      TEST: 1	GEOLOGIST: MARVIN MILLER
ELEVATION: N/A	FORMATION: MISSISSIPPI
SECTION : 18	TOWNSHIP : 27S
RANGE : 9W                      COUNTY: KINGMAN	STATE : KS
GAUGE SN#: 10270              RANGE : 4150	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
60 MIN	MERLA	0.250	36" WATER	10100 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 1/10/95	TICKET : 20675
CUSTOMER : MTM PETROLEUM	LEASE : STEFFEN
WELL : #1	TEST: 1
ELEVATION: N/A	GEOLOGIST: MARVIN MILLER
SECTION : 18	FORMATION: MISSISSIPPI
RANGE : 9W	TOWNSHIP : 27S
COUNTY: KINGMAN	STATE : KS
GAUGE SN#: 10270	RANGE : 4150
	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	45.00	45.00
5.00	45.00	0.00
10.00	45.00	0.00
15.00	45.00	0.00
20.00	45.00	0.00
25.00	45.00	0.00
30.00	45.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	100.00	100.00	11.00
6.00	174.00	74.00	6.00
9.00	240.00	66.00	4.33
12.00	307.00	67.00	3.50
15.00	374.00	67.00	3.00
18.00	440.00	66.00	2.67
21.00	505.00	65.00	2.43
24.00	573.00	68.00	2.25
27.00	636.00	63.00	2.11
30.00	701.00	65.00	2.00
33.00	757.00	56.00	1.91
36.00	811.00	54.00	1.83
39.00	864.00	53.00	1.77
42.00	909.00	45.00	1.71
45.00	955.00	46.00	1.67

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	74.00	74.00
5.00	74.00	0.00
10.00	74.00	0.00
15.00	74.00	0.00
20.00	75.00	1.00
25.00	76.00	1.00
30.00	77.00	1.00
35.00	78.00	1.00
40.00	79.00	1.00
45.00	80.00	1.00
50.00	82.00	2.00
55.00	83.00	1.00
60.00	84.00	1.00

FINAL SHUT IN

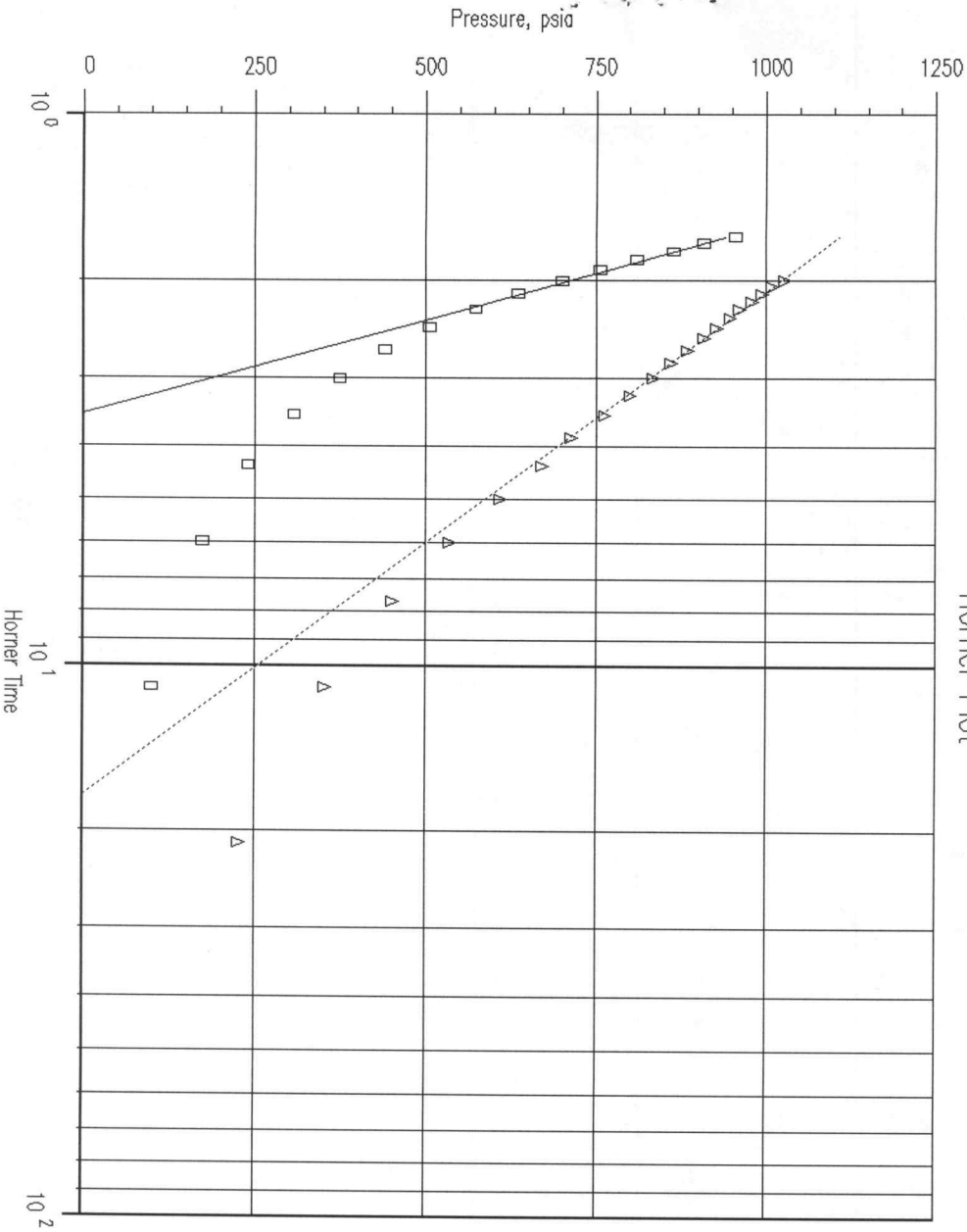
Time (min)	Pressure	Delta P	Horner T
3.00	228.00	228.00	21.00
6.00	353.00	125.00	11.00
9.00	452.00	99.00	7.67
12.00	535.00	83.00	6.00
15.00	610.00	75.00	5.00
18.00	671.00	61.00	4.33
21.00	714.00	43.00	3.86
24.00	763.00	49.00	3.50
27.00	800.00	37.00	3.22
30.00	834.00	34.00	3.00
33.00	861.00	27.00	2.82
36.00	885.00	24.00	2.67
39.00	909.00	24.00	2.54
42.00	928.00	19.00	2.43
45.00	947.00	19.00	2.33
48.00	961.00	14.00	2.25
51.00	979.00	18.00	2.18
54.00	994.00	15.00	2.11
57.00	1009.00	15.00	2.05
60.00	1028.00	19.00	2.00

DATE 1/10/95  
 CUSTOMER MTM PETROLEUM  
 WELL #1  
 ELEVATION N/A  
 SECTION 18  
 RANGE 9W  
 GAUGE SN# 10270

TEST 1  
 COUNTY KINGMAN  
 RANGE 4150

TICKET 20675  
 LEASE STEFFEN  
 GEOLOGIST MARVIN MILLER  
 FORMATION MISSISSIPPI  
 TOWNSHIP 27S  
 STATE KS  
 CLOCK 12

Horner Plot



Result

	#1	#2
tp, hrs	0.50	1.00
Slope	-2942.30	-1093.60
Pstar, psig	1594.26	1350.54
P1hr, psig	1076.15	1021.33
Skin	0.70	0.59
k, md	0.03	0.08
kh/u, md-ft/cp	1.06	2.86
ri, ft	0.40	0.92
DR, %	1.62	1.33
Drawdown Factor, %		-7.644
Drawdown P*, %		15.288

— BUILD 1  
 ..... BUILD 2

HORNER ANALYSIS REPORT

GENERAL INFORMATION

DATE : 1/10/95	TICKET : 20675
CUSTOMER : MTM PETROLEUM	LEASE : STEFFEN
WELL : #1	TEST: 1
ELEVATION: N/A	GEOLOGIST: MARVIN MILLER
SECTION : 18	FORMATION: MISSISSIPPI
RANGE : 9W	TOWNSHIP : 27S
COUNTY: KINGMAN	STATE : KS
GAUGE SN#: 10270	RANGE : 4150
	CLOCK : 12

Input Data

Porosity 0.280      Rw: 0.328 ft      h: 33.000 ft

qo 14.6 STB      GOR 690.6 SCF/STB

Pvt Data

Evalutation Pressure : 955.0

Evalutation Temperature: 125.0

Oil Grav 30.00 API	Gas Grav 0.65 API	Pb 3215.38 PSIA
Bo 1.315 RBL/STB	Vis 1.000 cp	Ct 3.8242E-004 1/PSI

Horner Results

	Inital Shut-In	Final Shut-In
pseudo pressure time	0.50 hrs	1.00 hrs
slope	-2942.30	-1093.60
pstar	1594.26 psig	1350.54 psig
plhr	1076.15 psig	1021.33 psig
skin	0.70	0.59
permeability	0.03 md	0.08 md
transmisability	1.06 md-ft/cp	2.86 md-ft/cp
radius of investigation	0.40 ft	0.92 ft
Damage-Ratio	1.6 percent	1.3 percent
Drawdown Factor		-7.644 percent
Drawdown P*		15.288 percent

WESTERN TESTING CO., INC.

Pressure Data

Date 1/10/95

Test Ticket No. 20675

Recorder No. 10270

Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft.

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1983</u> P.S.I.			M
B First Initial Flow Pressure	_____ P.S.I.	First Flow Pressure	_____ Mins.	_____ Mins.
C First Final Flow Pressure	_____ P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Mins.
D Initial Closed-in Pressure	_____ P.S.I.	Second Flow Pressure	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure	_____ P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure	_____ P.S.I.			
G Final Closed-in Pressure	_____ P.S.I.			
H Final Hydrostatic Mud	<u>1957</u> P.S.I.			

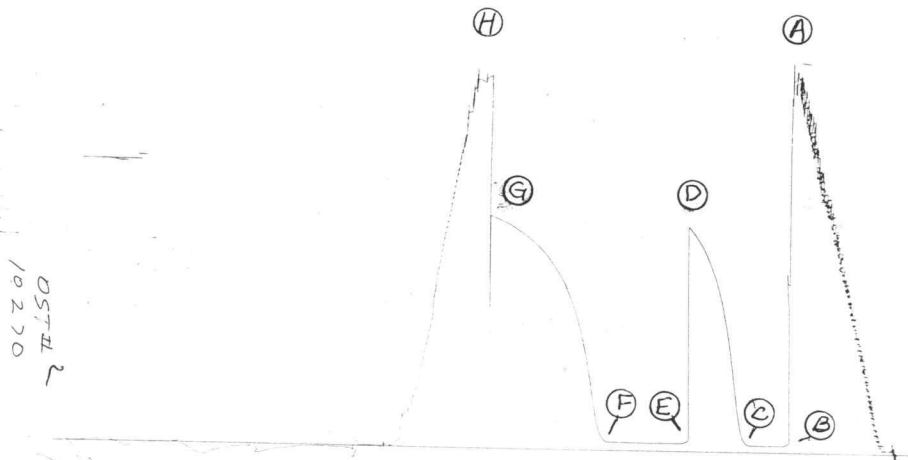
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>45</u>	0	<u>45</u>	0	<u>74</u>	0	<u>84</u>
P 2 5	/	3	<u>100</u>	5	/	3	<u>228</u>
P 3 10	/	6	<u>174</u>	10	/	6	<u>353</u>
P 4 15	/	9	<u>240</u>	15	/	9	<u>452</u>
P 5 20	/	12	<u>307</u>	20	<u>75</u>	12	<u>535</u>
P 6 25	/	15	<u>374</u>	25	<u>76</u>	15	<u>610</u>
P 7 30	<u>45</u>	18	<u>440</u>	30	<u>77</u>	18	<u>671</u>
P 8 35	/	21	<u>505</u>	35	<u>78</u>	21	<u>714</u>
P 9 40	/	24	<u>573</u>	40	<u>79</u>	24	<u>763</u>
P10 45	/	27	<u>636</u>	45	<u>80</u>	27	<u>800</u>
P11 50	/	30	<u>701</u>	50	<u>82</u>	30	<u>834</u>
P12 55	/	33	<u>757</u>	55	<u>83</u>	33	<u>861</u>
P13 60	/	36	<u>811</u>	60	<u>84</u>	36	<u>885</u>
P14 65	/	39	<u>864</u>	65	/	39	<u>909</u>
P15 70	/	42	<u>909</u>	70	/	42	<u>928</u>
P16 75	/	45	<u>955</u>	75	/	45	<u>947</u>
P17 80	/	48	/	80	/	48	<u>961</u>
P18 85	/	51	/	85	/	51	<u>979</u>
P19 90	/	54	/	90	/	54	<u>994</u>
P20 95	/	57	/	95	/	57	<u>1009</u>
100	/	60	/	100	/	60	<u>1028</u>

Ticket # 20701

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Inside Recorder

Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 1/10/95 TICKET : 20701  
CUSTOMER : MTM PETROLEUM LEASE : STEFFEN  
WELL : #1 TEST: 2 GEOLOGIST: MARVIN MILLER  
ELEVATION: N/A FORMATION: MISSISSIPPI  
SECTION : 18 TOWNSHIP : 27S  
RANGE : 9W COUNTY: KINGMAN STATE : KS  
GAUGE SN#: 10270 RANGE : 4150 CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4023.00 ft TO: 4035.00 ft TVD: 4035.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4027.0 ft 4030.0 ft  
TEMPERATURE: 126.0

DRILL COLLAR LENGTH: 0.0 ft I.D.: 0.000 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 4003.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 12.0 ft ANCHOR SIZE: 5.500 in  
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in  
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH  
PACKER DEPTH: 4018.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4023.0 ft SIZE: 6.630 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : VAL ENERGY RIG #1  
MUD TYPE : CHEMICAL VISCOSITY : 45.00 cp  
WEIGHT : 9.000 ppg WATER LOSS: 16.200 cc  
CHLORIDES : 6500 ppm  
JARS-MAKE :  
DID WELL FLOW?: NO SERIAL NUMBER:  
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW: WEAK BLOW THROUGHOUT, 1 INCH TO 3  
INCH BLOW. FINAL FLOW: WEAK BUILDING TO A FAIR  
BLOW, 1 INCH TO 4 INCH BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	%	%	%	%	Comments
Oil	Gas	Water	Mud		
0.0	0.0	0.0	0.0	0.0	80 FEET GAS ABOVE FLUID
40.0	2.0	0.0	46.0	52.0	SLI OIL CUT WATERY MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES- 28,000 PPM

RATE INFORMATION

OIL VOLUME:	0.0112	STB	TOTAL FLOW TIME:	90.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.3740	STB/D
MUD VOLUME:	0.2917	STB	AVERAGE WATER RATE:	8.6028	STB/D
WATER VOLUME:	0.2581	STB			
TOTAL FLUID :	0.5611	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1993.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	31.00	31.00
INITIAL SHUT-IN	45.00		1184.00
FINAL FLOW	60.00	31.00	31.00
FINAL SHUT-IN	90.00		1226.00

FINAL HYDROSTATIC PRESSURE: 1962.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2009.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	38.00	38.00
INITIAL SHUT-IN	45.00		1203.00
FINAL FLOW	60.00	46.00	46.00
FINAL SHUT-IN	87.00		1247.00

FINAL HYDROSTATIC PRESSURE: 1981.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 1/10/95	TICKET : 20701
CUSTOMER : MTM PETROLEUM	LEASE : STEFFEN
WELL : #1                      TEST: 2	GEOLOGIST: MARVIN MILLER
ELEVATION: N/A	FORMATION: MISSISSIPPI
SECTION : 18	TOWNSHIP : 27S
RANGE : 9W                      COUNTY: KINGMAN	STATE : KS
GAUGE SN#: 10270              RANGE : 4150	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
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SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
60 MIN	MERLA	0.250	36" WATER	10100 SCF/D

FLUID SAMPLE REPORT

GENERAL INFORMATION

DATE	: 1/10/95	TICKET	: 20701
CUSTOMER	: MTM PETROLEUM	LEASE	: STEFFEN
WELL	: #1	TEST:	2
ELEVATION:	N/A	GEOLOGIST:	MARVIN MILLER
SECTION	: 18	FORMATION:	MISSISSIPPI
RANGE	: 9W	TOWNSHIP	: 27S
GAUGE SN#:	10270	STATE	: KS
		CLOCK	: 12
		COUNTY:	KINGMAN
		RANGE	: 4150

SAMPLE INFORMATION

PRESSURE IN SAMPLER:	0.00 PSIG	BHT:	0.0 DEG F
TOTAL VOLUME OF SAMPLER:	0.00 cc		
TOTAL VOLUME OF SAMPLE:	0.00 cc		
OIL:	0.00 cc		
WATER:	0.00 cc		
MUD:	0.00 cc		
GAS:	0.00 cc		
OTHER:	0.00 cc		

RESISTIVITY

DRILLING MUD:	CHLORIDE CONTENT:	0.00 ppm
MUD PIT SAMPLE:	CHLORIDE CONTENT:	0.00 ppm
GAS/OIL RATIO:	GRAVITY:	
WHERE WAS SAMPLE DRAINED:		
REMARKS:		

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 1/10/95	TICKET : 20701
CUSTOMER : MTM PETROLEUM	LEASE : STEFFEN
WELL : #1	TEST: 2
ELEVATION: N/A	GEOLOGIST: MARVIN MILLER
SECTION : 18	FORMATION: MISSISSIPPI
RANGE : 9W	TOWNSHIP : 27S
GAUGE SN#: 10270	STATE : KS
COUNTY: KINGMAN	CLOCK : 12
RANGE : 4150	

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	38.00	38.00
5.00	38.00	0.00
10.00	38.00	0.00
15.00	38.00	0.00
20.00	38.00	0.00
25.00	38.00	0.00
30.00	38.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	60.00	60.00	11.00
6.00	130.00	70.00	6.00
9.00	288.00	158.00	4.33
12.00	454.00	166.00	3.50
15.00	596.00	142.00	3.00
18.00	716.00	120.00	2.67
21.00	822.00	106.00	2.43
24.00	901.00	79.00	2.25
27.00	967.00	66.00	2.11
30.00	1023.00	56.00	2.00
33.00	1067.00	44.00	1.91
36.00	1105.00	38.00	1.83
39.00	1144.00	39.00	1.77
42.00	1173.00	29.00	1.71
45.00	1203.00	30.00	1.67

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	46.00	46.00
5.00	46.00	0.00
10.00	46.00	0.00
15.00	46.00	0.00
20.00	46.00	0.00
25.00	46.00	0.00
30.00	46.00	0.00
35.00	46.00	0.00
40.00	46.00	0.00
45.00	46.00	0.00
50.00	46.00	0.00
55.00	46.00	0.00
60.00	46.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	69.00	69.00	21.00
6.00	118.00	49.00	11.00
9.00	219.00	101.00	7.67
12.00	349.00	130.00	6.00
15.00	477.00	128.00	5.00
18.00	575.00	98.00	4.33
21.00	654.00	79.00	3.86
24.00	733.00	79.00	3.50
27.00	799.00	66.00	3.22
30.00	847.00	48.00	3.00
33.00	896.00	49.00	2.82
36.00	973.00	77.00	2.67
39.00	1003.00	30.00	2.54
42.00	1017.00	14.00	2.43
45.00	1031.00	14.00	2.33
48.00	1052.00	21.00	2.25
51.00	1074.00	22.00	2.18
54.00	1096.00	22.00	2.11
57.00	1118.00	22.00	2.05
60.00	1136.00	18.00	2.00
63.00	1151.00	15.00	1.95
66.00	1166.00	15.00	1.91
69.00	1181.00	15.00	1.87
72.00	1196.00	15.00	1.83
75.00	1207.00	11.00	1.80

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

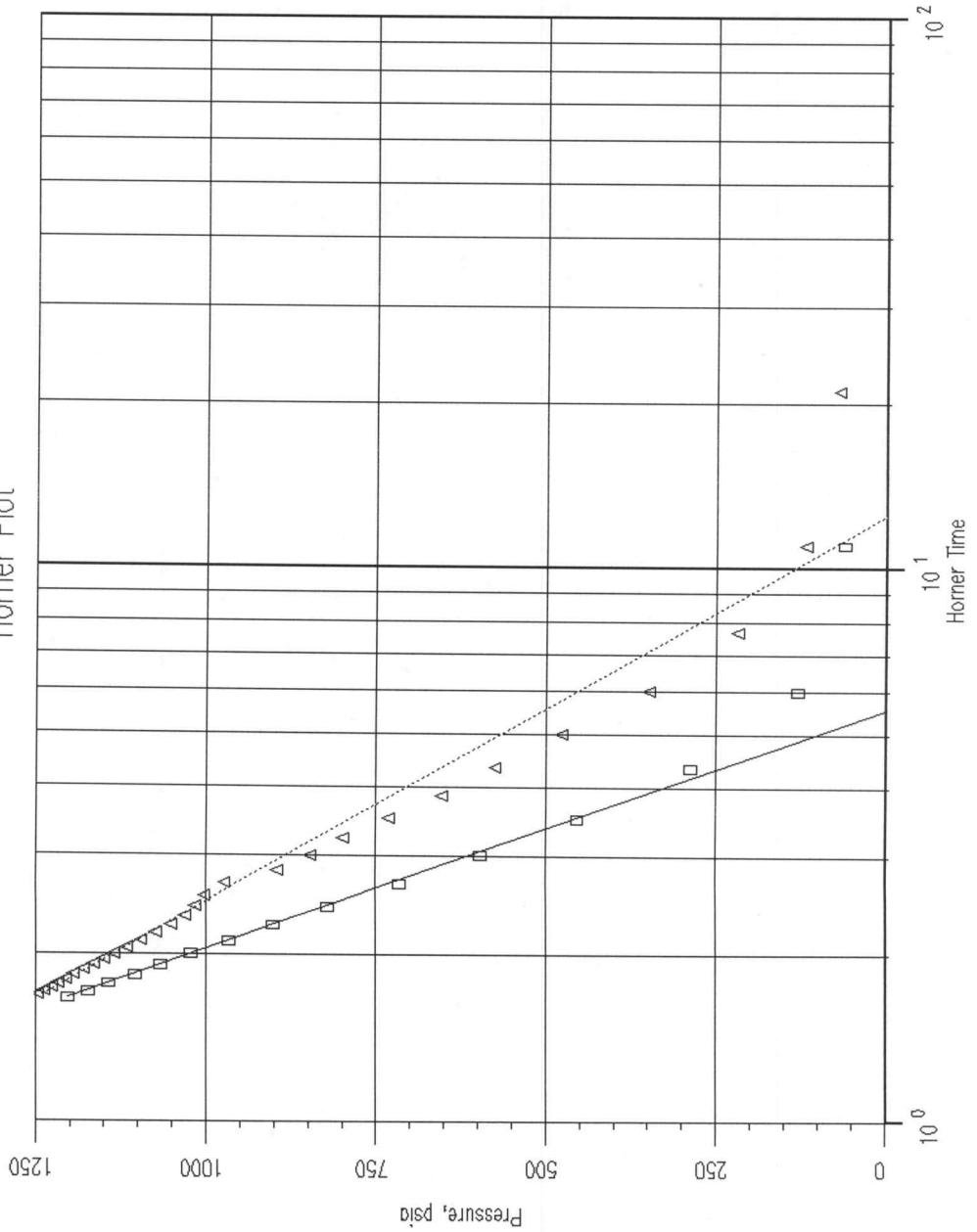
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	1218.00	11.00	1.77
81.00	1227.00	9.00	1.74
84.00	1238.00	11.00	1.71
87.00	1247.00	9.00	1.69

DATE 1/10/95  
 CUSTOMER MTM PETROLEUM  
 WELL #1  
 ELEVATION N/A  
 SECTION 18  
 RANGE 9W  
 GAUGE SN# 10270

TEST 2  
 COUNTY KINGMAN  
 RANGE 4150

TICKET 20701  
 LEASE STEFFEN  
 GEOLOGIST MARVIN MILLER  
 FORMATION MISSISSIPPI  
 TOWNSHIP 27S  
 STATE KS  
 CLOCK 12

Horner Plot



Result

	#1	#2
tp, hrs	0.50	1.00
Slope	-2300.55	-1427.59
Pstar, psig	1712.86	1562.33
P1hr, psig	1307.76	1132.58
Skin	1.48	1.27
k, md	0.00	0.00
kh/u, md-ft/cp	0.58	0.94
ri, ft	0.23	0.42
DR, %	-2.18	-16.72
Drawdown Factor, %		-3.658
Drawdown P*, %		8.788

— BUILD 1

..... BUILD 2

## HORNER ANALYSIS REPORT

### GENERAL INFORMATION

DATE : 1/10/95	TICKET : 20701
CUSTOMER : MTM PETROLEUM	LEASE : STEFFEN
WELL : #1	GEOLOGIST: MARVIN MILLER
ELEVATION: N/A	FORMATION: MISSISSIPPI
SECTION : 18	TOWNSHIP : 27S
RANGE : 9W	STATE : KS
GAUGE SN#: 10270	CLOCK : 12
COUNTY: KINGMAN	
RANGE : 4150	

### Input Data

Porosity 0.280      Rw: 0.328 ft      h: 33.000 ft

qo 0.4 STB GOR 27002.7 SCF/STB

#### Pvt Data

Evaluation Pressure : 955.0  
 Evaluation Temperature: 126.0

Oil Grav 30.00 API	Gas Grav 0.65 API	Pb 68064.28 PSIA
Bo 21.994 RBL/STB	Vis 1.000 cp	Ct 6.1590E-004 1/PSI

### Horner Results

	Inital Shut-In	Final Shut-In
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pseudo pressure time	0.50 hrs	1.00 hrs
slope	-2300.55	-1427.59
pstar	1712.86 psig	1562.33 psig
plhr	1307.76 psig	1132.58 psig
skin	1.48	1.27
permeability	0.00 md	0.00 md
transmissability	0.58 md-ft/cp	0.94 md-ft/cp
radius of investigation	0.23 ft	0.42 ft
Damage-Ratio	-2.2 percent	-17 percent
Drawdown Factor		-3.658 percent
Drawdown P*		8.788 percent

# Profile Plot

Total Test

