

API #15-187-20700

KCC

DEC 1 6

ORIGINAL

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

CONFIDENTIAL

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Well Name GILBERT #1-12 Test No. 1 Date 11-6-93
 Company MUSTANG OIL & GAS Zone MORROW
 Address 110 SOUTH MAIN #300 WICHITA KS 67202 Elevation 3372 KB
 Co. Rep./Geo. HAROLD TRAPP Cont. TRANS-PAC #2 Est. Ft. of Pay _____
 Location: Sec. 12 Twp. 30S Rge. 41W Co. STANTON State KS

Interval Tested 5028-5144 Drill Pipe Size 4.5" XH
 Anchor Length 116 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 5023 Drill Collar - 2.25 Ft. Run 612
 Bottom Packer Depth 5028 Mud Wt. 8.9 lb/Gal.
 Total Depth 5144 Viscosity 45 Filtrate 9.6

Tool Open @ 1:40 AM Initial Blow WEAK SURFACE BLOW BUILT TO 1"

Final Blow NO BLOW FLUSHED TOOL AFTER 30 MINUTES
VERY WEAK SURFACE BLOW

Recovery - Total Feet 10 Flush Tool? YES

Rec. 10 Feet of DRILLING MUD **RELEASED**

Rec. _____ Feet of _____

Rec. _____ Feet of _____ **FEB 14 1995**

Rec. _____ Feet of _____

Rec. _____ Feet of _____ **FROM CONFIDENTIAL**

BHT 130 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2356.7 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 56.3 PSI @ (depth) 5031 w / Clock No. 17639

(C) First Final Flow Pressure 56.3 PSI AK1 Recorder No. 10333 Range 4050

(D) Initial Shut-in Pressure 64.7 PSI @ (depth) 5047 w / Clock No. 31152

(E) Second Initial Flow Pressure 56.3 PSI AK1 Recorder No. _____ Range _____

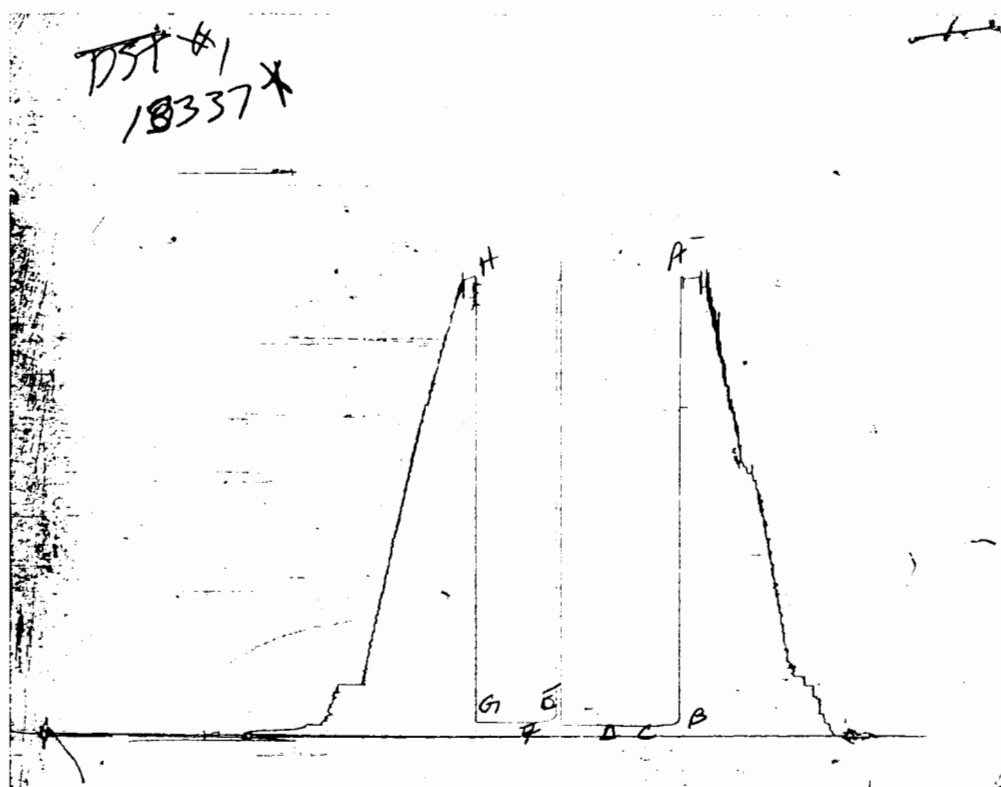
(F) Second Final Flow Pressure 71.2 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 71.2 PSI Initial Opening 15 Final Flow 45

(H) Final Hydrostatic Mud 2326.7 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

032A313A

2001 4 1 10:07

FROM CONFIDENTIAL

FIELD
READING

OFFICE
READING

(A) INITIAL HYDROSTATIC MUD	2347	2356.7
(B) FIRST INITIAL FLOW PRESSURE	49	56.3
(C) FIRST FINAL FLOW PRESSURE	49	56.3
(D) INITIAL CLOSED-IN PRESSURE	59	64.7
(E) SECOND INITIAL FLOW PRESSURE	49	56.3
(F) SECOND FINAL FLOW PRESSURE	69	71.2
(G) FINAL CLOSED-IN PRESSURE	69	71.2
(H) FINAL HYDROSTATIC MUD	2318	2326.7

FLUID SAMPLER DATA

CONFIDENTIAL

ORIGINAL

Ticket No.: 6713

Date: 11-6-93

KCC

Company: MUSTANG OIL & GAS

DEC 1 6

Lease: GILBERT #1-12

Test No.: 1

CONFIDENTIAL

County: STANTON

Sec.: 10 12 Twp.: 30S Rng.: 41W

SAMPLER RECOVERY

PIT MUD ANALYSIS

Gas

Chlorides 1000

Oil

Resistivity 2.9 ohms@ 74 F

Mud 4000

Viscosity 45

Water

Mud Wt. 8.9

Other

Filtrate 9.6

Pressure

Other

RELEASED

TOTAL 4000

FEB 1 4 1995

SAMPLER ANALYSIS

PIPE RECOVERY

FROM CONFIDENTIAL

Resistivity ohms@ F

TOP

Resistivity ohms@ F

Chlorides ppm.

Chlorides ppm

Gravity corrected @60F

MIDDLE

Resistivity ohms@ F

Chlorides ppm

BOTTOM

Resistivity ohms@ F

Chlorides ppm

NATURAL GAS ANALYSIS REPORT

Sampled by:
 Trilobite Testing
 Hays, Kansas
 Scott City, Kansas
 Phone: 800-728-5369
 Fax: 913-625-5620

Analyzed by:
 Caraway Analytical
 728 North Roosevelt
 Liberal, Kansas 67901
 Phone: 316-324-5389
 Fax: 316-626-7108

Lab Number: 93272
 Sample From: Gilbert 1 - 25
 Producer: Mustang Oil & Gas
 Date:
 Time:
 Sampler:
 Source:

Analyzed: 11/08/93
 Pressure:
 Temperature:
 Location: 10-30-41W
 County: Stanton
 State: Kansas
 Formation: Keys

		Mole %	GPM
Helium	He:	0.601	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	3.226	0.000
Carbon Dioxide	CO2:	0.486	0.000
Methane	C1:	80.153	0.000
Ethane	C2:	9.247	2.473
Propane	C3:	4.060	1.119
Iso Butane	iC4:	0.382	0.125
Normal Butane	nC4:	1.090	0.344
Iso Pentane	iC5:	0.203	0.074
Normal Pentane	nC5:	0.273	0.099
Hexanes Plus	C6+:	0.279	0.122

TOTAL: 100.000 4.355

Z Fact: 0.9971

SP.GR.: 0.6919

BTU (SAT): 1142.5 @ 14.73 psia

BTU (DRY): 1162.8 @ 14.73 psia

COMMENTS: Test 2

ORIGINAL

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

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Drill-Stem Test Data

Well Name GILBERT #1-12 Test No. 2 Date 11-7-93
 Company MUSTANG OIL & GAS Zone KEYS
 Address 110 SOUTH MAIN #300 WICHITA KS 67202 Elevation 3372 KB
 Co. Rep./Geo. HAROLD TRAPP Cont. TRANS-PAC #2 Est. Ft. of Pay 19
 Location: Sec. 12 Twp. 30S Rge. 41W Co. STANTON State KS

Interval Tested 5367-5385 Drill Pipe Size 4.5" XH
 Anchor Length 18 Wt. Pipe I.D. - 2.7 Ft. Run 612
 Top Packer Depth 5362 Drill Collar - 2.25 Ft. Run 9.0
 Bottom Packer Depth 5367 Mud Wt. 75 lb/Gal.
 Total Depth 5367 Viscosity 8.0 Filtrate 8.0

Tool Open @ 3:40 PM Initial Blow STRONG BLOW BOTTOM OF BUCKET IN 1/2 MINUTE
GAS TO SURFACE IN 8 MINUTES KCC
 Final Blow GAS TO SURFACE AS TOOL OPENED DEC 1 6
LEFT TOOL HANG TILL DAYLIGHT - DROPPED BAR

CONFIDENTIAL

Recovery - Total Feet 3875 Flush Tool?
 Rec. 3875 Feet of CLEAN GASSY OIL 20%GAS/80%OIL
 Rec. Feet of
 Rec. Feet of
 Rec. Feet of
 Rec. Feet of

RELEASED

FEB 14 1995

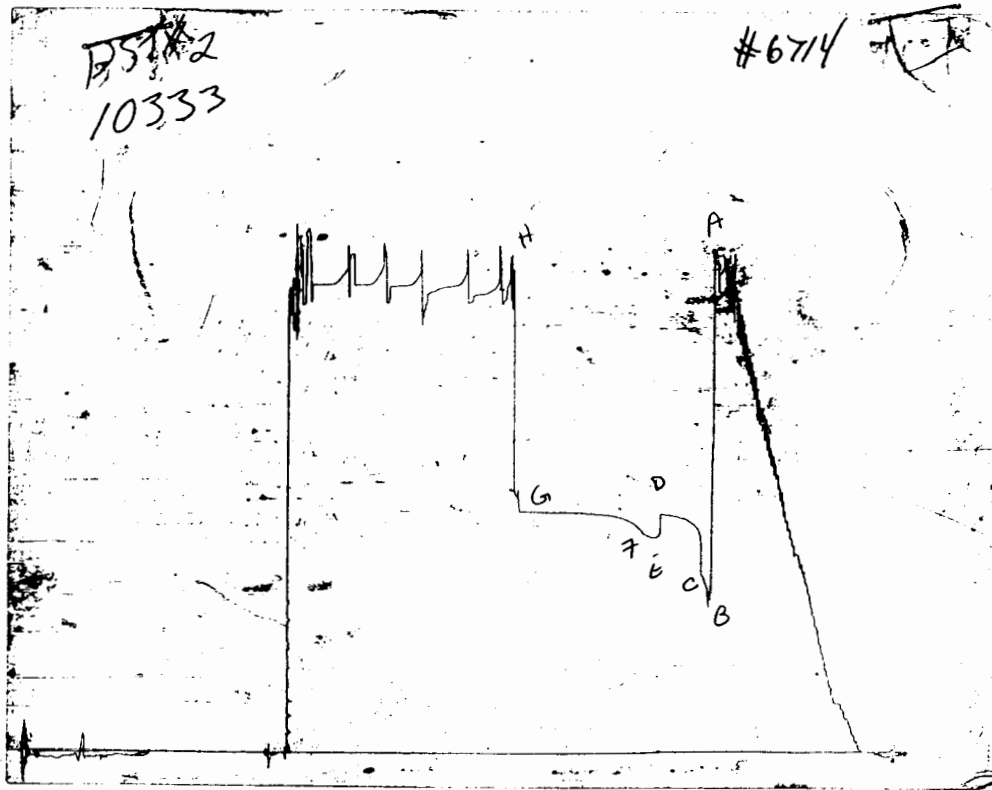
BHT 135 °F Gravity 41 °API @ 40 Corrected Gravity 42.6 °API
 RW @ °F Chlorides ppm Recovery Chlorides 1000 ppm System

FROM CONFIDENTIAL

(A) Initial Hydrostatic Mud 2615.3 PSI AK1 Recorder No. 13337 Range 3975
 (B) First Initial Flow Pressure 817.1 PSI @ (depth) 5371 w / Clock No. 17639
 (C) First Final Flow Pressure 950.2 PSI AK1 Recorder No. 10333 Range 4050
 (D) Initial Shut-in Pressure 1253.1 PSI @ (depth) 5382 w / Clock No. 31152
 (E) Second Initial Flow Pressure 1203.8 PSI AK1 Recorder No. Range
 (F) Second Final Flow Pressure 1268.4 PSI @ (depth) w / Clock No.
 (G) Final Shut-in Pressure 1279.6 PSI Initial Opening 10 Final Flow 30
 (H) Final Hydrostatic Mud 2571.2 PSI Initial Shut-in 30 Final Shut-in 80

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

RECEIVED

1991 1 1 11:11

FROM COMMERCIAL

FIELD
READING

OFFICE
READING

(A) INITIAL HYDROSTATIC MUD	2603	2615.3
(B) FIRST INITIAL FLOW PRESSURE	808	817.1
(C) FIRST FINAL FLOW PRESSURE	906	950.2
(D) INITIAL CLOSED-IN PRESSURE	1234	1253.1
(E) SECOND INITIAL FLOW PRESSURE	1134	1203.8
(F) SECOND FINAL FLOW PRESSURE	1234	1268.4
(G) FINAL CLOSED-IN PRESSURE	1254	1279.6
(H) FINAL HYDROSTATIC MUD	2564	2571.2

CONFIDENTIAL

COMPUTER OIL EVALUATION BY TRILOBITE TESTING, L.L.C.

KCC

MUSTANG OIL & GAS

DEC 1 6

GILBERT #1-12

DST 2

19.12 30S 41W

STANTON KS

CONFIDENTIAL

ELEVATION: 3372 KB EST. PAY 19 FT
DATUM: -2011 ZONE TESTED: KEYS
TEST INTERVAL: 5367-5385 TIME INTERVALS: 10-30-30-80
RECORDER DEPTH: 5382 VISCOSITY: 3.03 CP
BOTTOM HOLE TEMP: 135 HOLE SIZE: 7.875 IN

CUBIC FEET OF GAS IN PIPE: 246
TOTAL FEET OF RECOVERY: 3875.00 CORRECTED PIPE FILLUP: 3583.051
TOTAL BARRELS OF RECOVERY: 49.39 CORR. BARRELS OF RECOVERY: 53.076 BBL
BARRELS IN DRILL PIPE: 46.40 API GRAVITY: 43
BARRELS IN WEIGHT PIPE: 0.00 FLUID GRADIENT: 0.354
BARRELS IN DRILL COLLARS: 2.99
GAS OIL RATIO: 4.99 CU.FT/BBL
BUBBLE POINT PRESSURE: 39
UNCORRECTED INITIAL PRODUCTION: 1778.13 BBL
INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE: 1910.72 BBL/DAY
INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE: 1312.343

INITIAL SLOPE 115.38 PSI/CYCL FINAL SLOPE 9.07 PSI/CYCLE
INITIAL P* 1282.81 PSI FINAL P* 1281.18 PSI

TRANSMISSIBILITY 34238.91 (MD.-FT./CP.)
PERMEABILITY 5465.19 (MD.)
INDICATED FLOW CAPACITY 103838.54 (MD.FT)
PRODUCTIVITY INDEX 38.69 (BARREL/DAY/PSI)
DAMAGE RATIO 0.26
RADIUS OF INVESTIGATION 467.55 (FT.)
POTENTIOMETRIC SURFACE 961.06 (FT.)
DRAWDOWN FACTOR 0.127 (%)

RELEASED

FEB 1 4 1995

FROM CONFIDENTIAL

INITIAL FLOW

RECORDER 10333

DST # 2

TIME(MIN) PRESSURE <>PRESSURE

0	817.1	817.1
3	916.6	99.5
6	950.2	33.6

FINAL FLOW

RECORDED 10333

DST # 2

TIME(MIN) PRESSURE <> PRESSURE

0	1146.5	1146.5
3	1146.5	0.0
6	1151.6	5.1
9	1155.7	4.1
12	1165.9	10.2
15	1197.7	31.8
18	1215.1	17.4
21	1231.5	16.4
24	1241.7	10.2
27	1247.9	6.2
30	1253.1	5.2

0324313R

750 1 65

PLATE 1. (continued)

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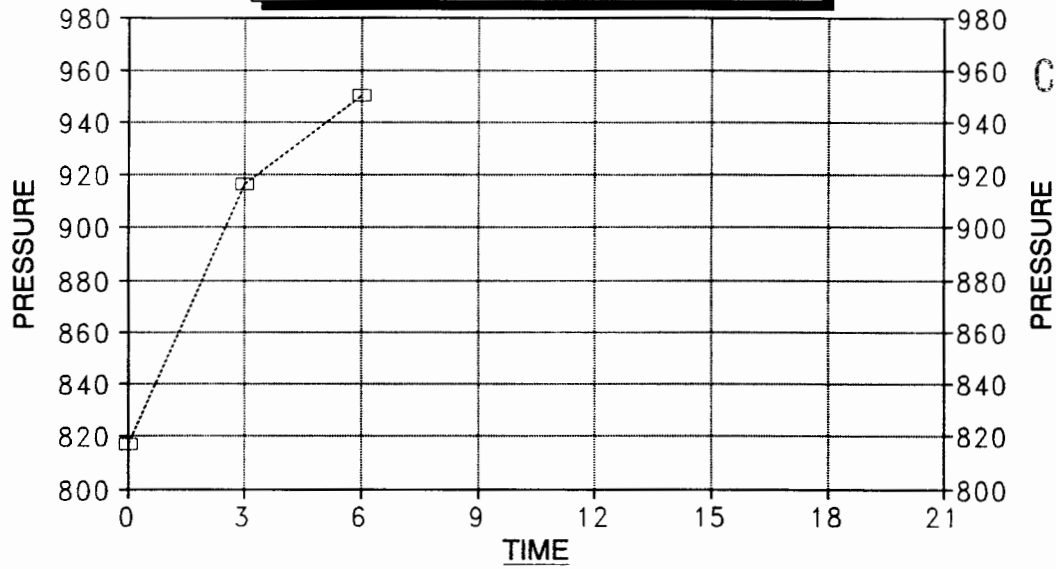
DELTA T DELTA P

INITIAL FLOW / DST #2

KCC

DEC 1 6

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--- GILBERT #1-12

INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:

1312.343

GILBERT #1-12
INITIAL

DST #2		-----			
SHUTIN					
10	INITIAL FLOW TIME	SLOPE	115.4	PSI/CYCLE	
		P*	1282.81	PSI	

		Log	<>		
	TIME(MIN)	Pws (psi)	Horn T	PRESSURE	Horn T
		-----	-----	-----	-----
	3	1203.8	0.637	1203.8	4
	6	1224.3	0.426	20.5	3
	9	1236.6	0.325	12.3	2
	12	1247.9	0.263	11.3	2
	15	1252.1	0.222	4.2	2
	18	1258.1	0.192	6.0	2
X	21	1263.3	0.169	5.2	1
	24	1265.3	0.151	2.0	1
	27	1266.3	0.137	1.0	1
X	30	1268.4	0.125	2.1	1

GILBERT #1-12
FINAL

DST #2		-----			
SHUTIN					
40	TOTAL FLOW TIME	SLOPE	9.1	PSI/CYCLE	
		P*	1281.2	PSI	

		Log	<>		
		Horn T	PRESSURE	Horn T	
		-----	-----	-----	
	3	1258.1	1.156	1258.1	14
	6	1262.2	0.885	4.1	8
	9	1263.3	0.736	1.1	5
	12	1265.3	0.637	2.0	4
	15	1267.4	0.564	2.1	4
	18	1270.4	0.508	3.0	3
	21	1273.5	0.463	3.1	3
	24	1275.6	0.426	2.1	3
X	27	1277.6	0.395	2.0	2
	30	1279.6	0.368	2.0	2
	33	1279.6	0.345	0.0	2
	36	1279.6	0.325	0.0	2
	39	1279.6	0.307	0.0	2
	42	1279.6	0.291	0.0	2
	45	1279.6	0.276	0.0	2
	48	1279.6	0.263	0.0	2
	51	1279.6	0.251	0.0	2
	54	1279.6	0.241	0.0	2
	57	1279.6	0.231	0.0	2
	60	1279.6	0.222	0.0	2
	63	1279.6	0.213	0.0	2
	66	1279.6	0.206	0.0	2
	69	1279.6	0.199	0.0	2
	72	1279.6	0.192	0.0	2
	75	1279.6	0.186	0.0	2
	78	1279.6	0.180	0.0	2
X	81	1279.6	0.174	0.0	1

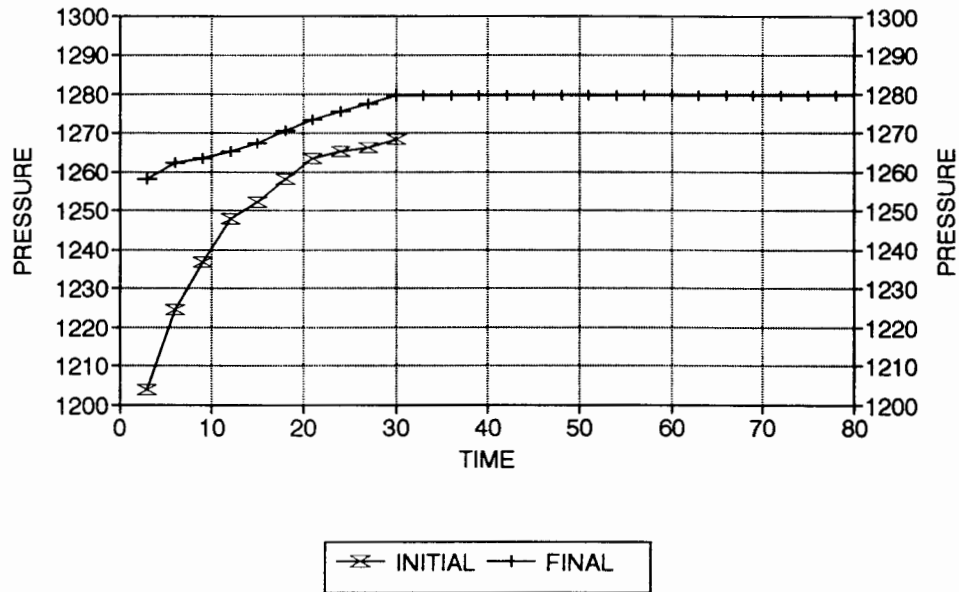
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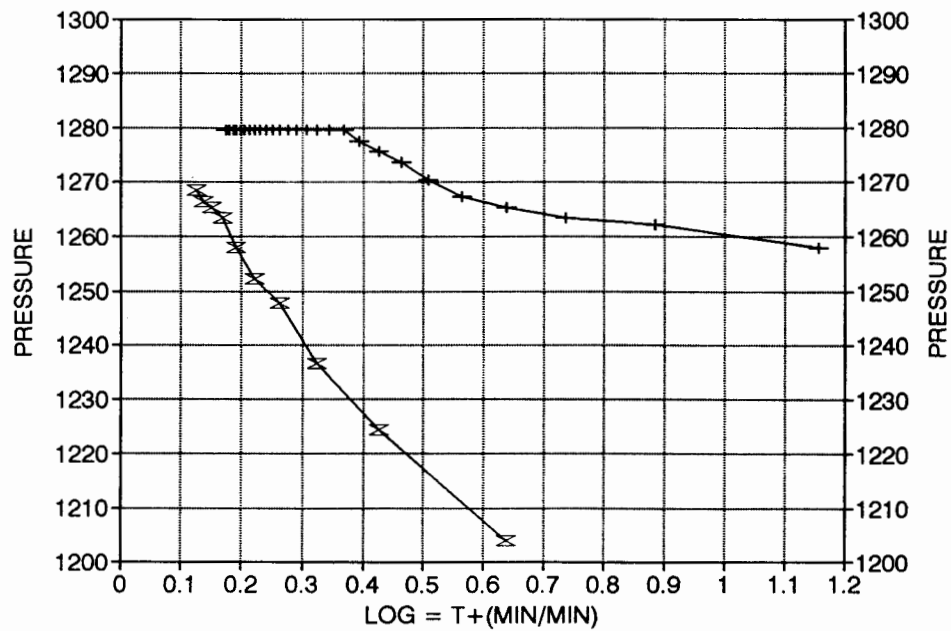
DEC 1 6

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GILBERT #1-12 / DST #2 DELTA T DELTA P



HORNER PLOT



FLUID SAMPLER DATA

Ticket No.: 6714 Date: 11-7-93
Company: MUSTANG OIL & GAS
Lease: GILBERT #1-12 Test No.: 2
County: STANTON Sec.: *RQ 12* Twp.: 30S Rng.: 41W

SAMPLER RECOVERY

Gas 1000
Oil 3000
Mud
Water
Other
Pressure 400
TOTAL 4000

SAMPLER ANALYSIS

Resistivity ohms@ F
Chlorides ppm.
Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 1000
Resistivity 2.9 ohms@ 74 F
Viscosity 75
Mud Wt. 9.0
Filtrate 8.0
Other

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity ohms@ F
Chlorides ppm

GAS VOLUME REPORT

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DEC 1 6

MUSTANG OIL & GAS

GILBERT #1-12

DST #

2

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MIN	WATER	ORIFICE	MCF/D	MIN	WATER	ORIFICE	MCF/D
				5	2	0.75	20
				10	6	0.5	15.4
				15	4	0.5	12.5
				20	2	0.5	8.87
				25	2	0.5	8.87
				30	2	0.5	8.87

Remarks: GAS TO SURFACE IN 8 MINUTES - GAS WILL BURN

CALCULATED RECOVERY ANALYSIS

DST

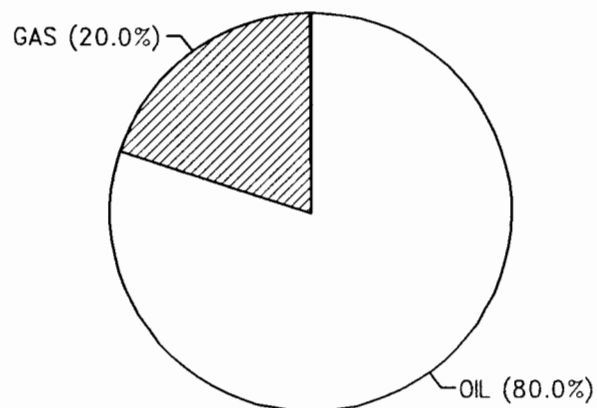
2

TICKET #

6714

SAMPLE #	TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
DRILL 1	3263	20	652.6	80	2610.4	0	0		0
PIPE 2			0	0	0		0		0
3			0	0	0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
WEIGHT 1			0		0		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1	612	20	122.4	80	489.6		0		0
COLLAR 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	3875		775		3100		0		0

			HRS OPEN	BBL/DAY
BBL OIL=	39.514032	*	0.666	1423.9291
BBL WATER=	0	*		0
BBL MUD=	0			
BBL GAS =	9.878508			



ORIGINAL

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

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Drill-Stem Test Data

Well Name GILBERT #1-12 Test No. 3 Date 11-9-93
Company MUSTANG OIL & GAS Zone ST LOUIS
Address 110 SOUTH MAIN #300 WICHITA KS 67202 Elevation 3372 KB
Co. Rep./Geo. HAROLD TRAPP Cont. TRANS-PAC #2 Est. Ft. of Pay _____
Location: Sec. 10 12 Twp. 30S Rge. 41W Co. STANTON State KS

Interval Tested 5489-5518 Drill Pipe Size 4.5" XH
Anchor Length 29 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 5484 Drill Collar - 2.25 Ft. Run 612
Bottom Packer Depth 5489 Mud Wt. _____ 9
Total Depth 5518 Viscosity 60 Filtrate 8.8 lb/Gal.

Tool Open @ 9:40 PM Initial Blow VERY WEAK SURFACE BLOW DIED IN 25 MINUTES KGC

Final Blow NO BLOW DEC 1 6

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Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 135 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2685.3 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 64.7 PSI @ (depth) 5492 w / Clock No. 17639

(C) First Final Flow Pressure 64.7 PSI AK1 Recorder No. 10333 Range 4050

(D) Initial Shut-in Pressure 64.7 PSI @ (depth) 5515 w / Clock No. 21058

(E) Second Initial Flow Pressure 64.7 PSI AK1 Recorder No. _____ Range _____

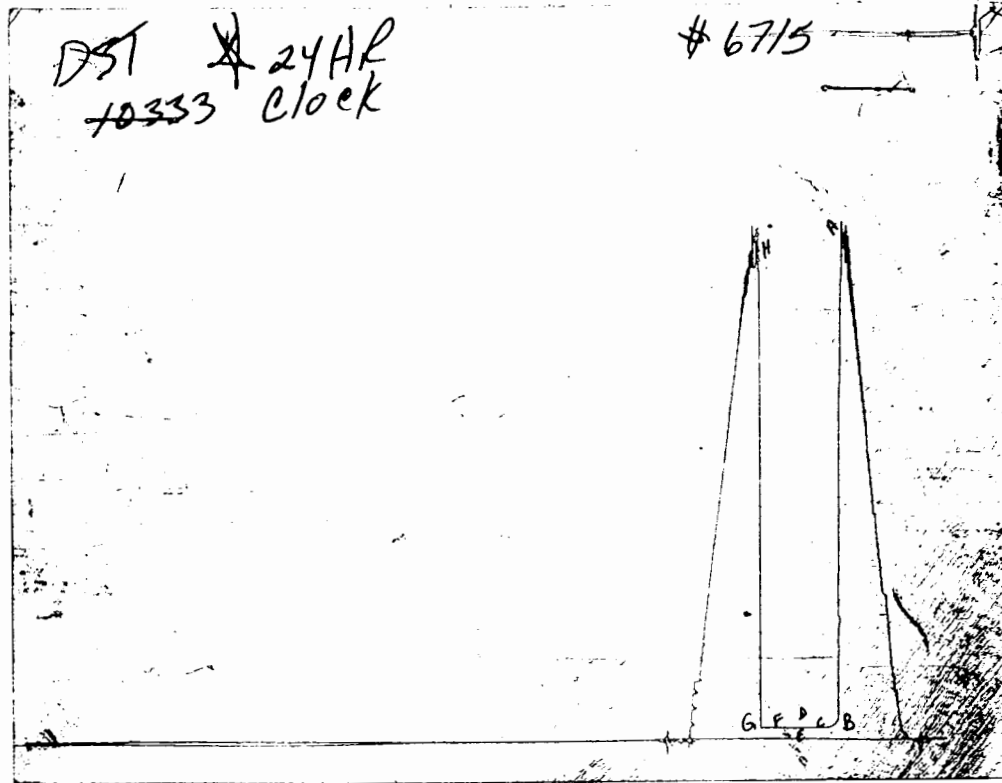
(F) Second Final Flow Pressure 64.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 64.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2571.2 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative ROBERT COLLINS

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2681	2685.3
(B) FIRST INITIAL FLOW PRESSURE	60	64.7
(C) FIRST FINAL FLOW PRESSURE	60	64.7
(D) INITIAL CLOSED-IN PRESSURE	60	64.7
(E) SECOND INITIAL FLOW PRESSURE	60	64.7
(F) SECOND FINAL FLOW PRESSURE	60	64.7
(G) FINAL CLOSED-IN PRESSURE	60	64.7
(H) FINAL HYDROSTATIC MUD	2579	2571.2

FLUID SAMPLER DATA

CONFIDENTIAL

Ticket No.: 6715 Date: 11-9-93

Company: MUSTANG OIL & GAS

KCC

Lease: GILBERT #1-12

Test No.: 3

DEC 1 6

County: STANTON

Sec.: 10 1/2 Twp.: 30S Rng.: 41W

CONFIDENTIAL

SAMPLER RECOVERY

Gas
Oil
Mud 4000
Water
Other
Pressure
TOTAL 4000

PIT MUD ANALYSIS

Chlorides 1000
Resistivity ohms@ F
Viscosity 60
Mud Wt. 9
Filtrate 8.8
Other

SAMPLER ANALYSIS

Resistivity ohms@ F
Chlorides ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity ohms@ F
Chlorides ppm

ORIGINAL

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

CONFIDENTIAL

Drill-Stem Test Data

Well Name GILBERT #1-12 Test No. 4 Date 11-10-93
 Company MUSTANG OIL & GAS Zone ST LOUIS "C"
 Address 110 SOUTH MAIN #300 WICHITA KS 67202 Elevation 3372 KB
 Co. Rep./Geo. HAROLD TRAPP Cont. TRANS-PAC #2 Est. Ft. of Pay _____
 Location: Sec. 10 12 Twp. 30S Rge. 41W Co. STANTON State KS

Interval Tested 5550-5590 Drill Pipe Size 4.5" XH
 Anchor Length 40 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 5545 Drill Collar - 2.25 Ft. Run 612
 Bottom Packer Depth 5550 Mud Wt. 9.1 lb/Gal.
 Total Depth 5590 Viscosity 58 Filtrate 9.6

Tool Open @ 5:50 PM Initial Blow STRONG BLOW BOTTOM OF BUCKET IN 1/2 MINUTE

Final Blow STRONG BLOW BOTTOM OF BUCKET IN 1 MINUTE BLOW DIED BACK
TO 10" IN 30 MINUTES - (LET TOOL HANG ALL NIGHT) KCC

Recovery - Total Feet 3135 Flush Tool? NO DEC 1 6

Rec. 270 Feet of WATERY MUD-20% WTR/ 80% MUD
 Rec. 2865 Feet of SALT WATER
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 136 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 0.295 @ _____ °F Chlorides 3000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2674.9 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 1067.3 PSI @ (depth) 5553 w / Clock No. 27573

(C) First Final Flow Pressure 1215.8 PSI AK1 Recorder No. 10333 Range 4050

(D) Initial Shut-in Pressure 1359.4 PSI @ (depth) 5587 w / Clock No. 31152

(E) Second Initial Flow Pressure 1405.9 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 1390.6 PSI @ (depth) _____ w / Clock No. _____

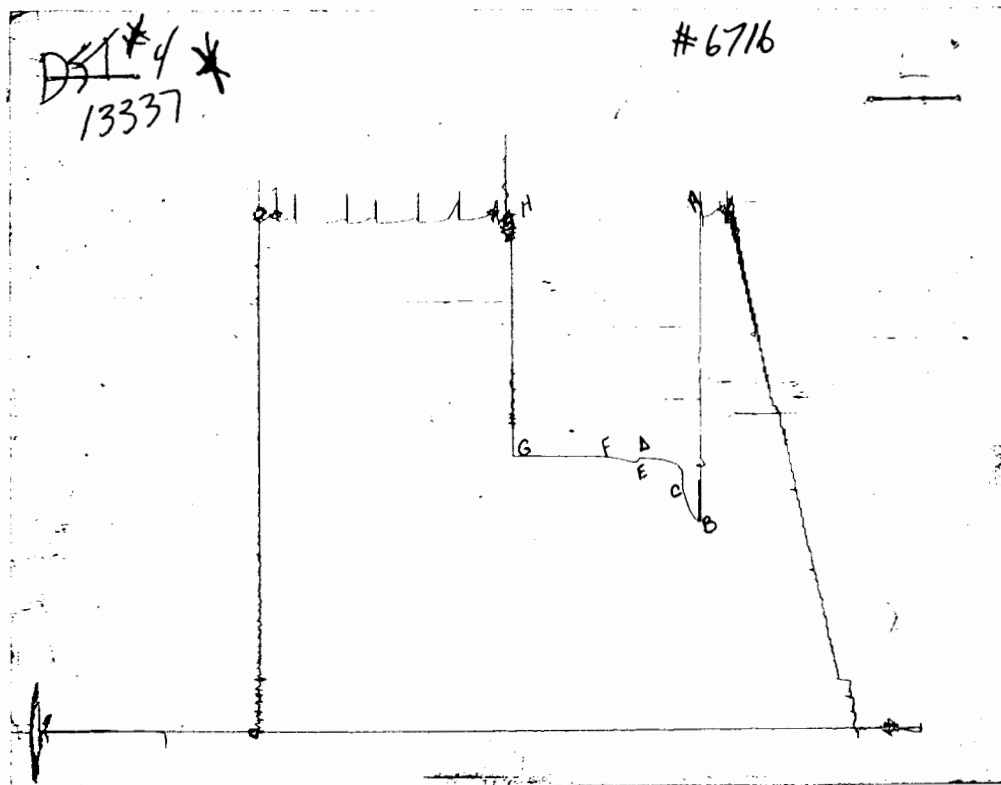
(G) Final Shut-in Pressure 1418.5 PSI Initial Opening 15 Final Flow 30

(H) Final Hydrostatic Mud 2635.7 PSI Initial Shut-in 30 Final Shut-in 80

Our Representative ROBERT COLLINS

CONFIDENTIAL

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2672	2674.9
(B) FIRST INITIAL FLOW PRESSURE	1064	1067.3
(C) FIRST FINAL FLOW PRESSURE	1214	1215.8
(D) INITIAL CLOSED-IN PRESSURE	1354	1359.4
(E) SECOND INITIAL FLOW PRESSURE	1394	1405.9
(F) SECOND FINAL FLOW PRESSURE	1384	1390.6
(G) FINAL CLOSED-IN PRESSURE	1414	1418.5
(H) FINAL HYDROSTATIC MUD	2633	2635.7

FLUID SAMPLER DATA

CONFIDENTIAL

Ticket No.: 6716 Date: 11-10-93
 Company: MUSTANG OIL & GAS
 Lease: GILBERT #1-12 Test No.: 4
 County: STANTON Sec.: 10/2 Twp.: 30S Rng.: 41W

KCC

DEC 1 6

CONFIDENTIAL

SAMPLER RECOVERY

PIT MUD ANALYSIS

Gas .1
 Oil
 Mud
 Water 4000
 Other
 Pressure 150
 TOTAL 4000

Chlorides 1000
 Resistivity ohms@ F
 Viscosity 58
 Mud Wt. 9.1
 Filtrate 9.6
 Other

SAMPLER ANALYSIS

PIPE RECOVERY

TOP

Resistivity 0.295 ohms@ 60 F
 Chlorides 3000 ppm.
 Gravity corrected @60F

Resistivity ohms@ F
 Chlorides ppm

MIDDLE

Resistivity ohms@ F
 Chlorides ppm

BOTTOM

Resistivity ohms@ F
 Chlorides ppm