Home Office: Great Bend, Kansas

P. O. Box 793 GLadstone 3-7903 Customer Order #14114

Company Continental Oil Company Lease & Well No. J. Diets Estate #1 Tkt. #1530

Date 2-5-62 Sec. 23 Twp. 28S Range 13W County Pratt State Kansas

Test Approved by Jack J. Cowden Western Representative Guy M. Knipe

Formation Test No. 1 O.K. X Misrun - Interval Tested From 4050' to 4063' Total Depth 4063'

Size Main Hole 9" Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No.

Packer Depth 4045 Ft. Size 8" Packer Depth 4050 Ft. Size 8"

Straddle - Yes X No Conv. - B.T. - Damaged - Yes - No

Packer Depth - Ft. Size -

Tool Size 5½" O.D. Tool Jt. Size 4½" F.H. Anchor Length 13 Ft. Size 5½" O.D.

RECORDERS Depth 4056 Ft. Clock No. 6806 Depth 4059 Ft. Clock No. -

Top Make Amerada Cap. 4200# No. 1558 Inside Outside Bottom Make Western Cap. 4000# No. 19 ~~Inside~~ Outside

Below Straddle: Depth - Clock No. - Inside Outside Depth - Ft. Clock No. - Inside Outside

Top Make - Cap. - No. - Inside Outside Bottom Make - Cap. - No. - Inside Outside

Time Set Packer 6:37 A. M

Tool Open I.F.P. From 6:39A M. to 6:44A M. - Hr. 5 Min. From (B) 42 P.S.I. To (C) 42 P.S.I.

Tool Closed I.C.I.P. From 6:44A M. to 7:14A M. - Hr. 30 Min. (D) 53 P.S.I.

Tool Open F.F.P. From 7:14A M. to 8:14A M. 1 Hr. - Min From (E) 52 P.S.I. To (F) 59 P.S.I.

Tool Closed F.C.I.P. From 8:14A M. to 8:44A M. - Hr. 30 Min. (G) 134 P.S.I.

Initial Hydrostatic Pressure (A) 2192 P.S.I. Final Hydrostatic Pressure (H) 2160 ~~2197~~ P.S.I.

SURFACE INFORMATION	Size Choke 3/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Good to Weak Bottom Choke Size 3/4 in.

Did Well Flow - Yes X No. Recovery Total Ft. 75 - Oil - Gas - Water

75' Slightly Oil & Gas Cut Drilling Mud Mud

Reversed Out - Yes X No Mud Type Starch Viscosity 43 Weight 10.2 Maximum Temp. 109 °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint Yes Jars: Size 3½" F.H. Make Bowen Ser. No. 169

Type Circ. Sub. Plug Did Tool Plug? - Where? - Did Packer Hold? Yes

Remarks

WESTERN TESTING CO., INC.
Pressure Data

Date 2-5-62 Test Ticket No. 1530

Recorder No. 1558 Capacity 4200 Location 4056 Ft.

Clock No. 6806 Well Temperature 109 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2192 P.S.I.		Opened Tool	6:39	M 6:39
B	First Initial Flow Pressure	42 P.S.I.		First Flow Pressure	5 Mins.	5 Mins.
C	First Final Flow Pressure	42 P.S.I.		Initial Closed-in Pressure	30 Mins.	29 Mins.
D	Initial Closed-in Pressure	236 P.S.I.		Second Flow Pressure	60 Mins.	59 Mins.
E	Second Initial Flow Pressure	52 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	59 P.S.I.				
G	Final Closed-in Pressure	134 P.S.I.				
H	Final Hydrostatic Mud	2160 P.S.I.				

PRESSURE BREAKDOWN

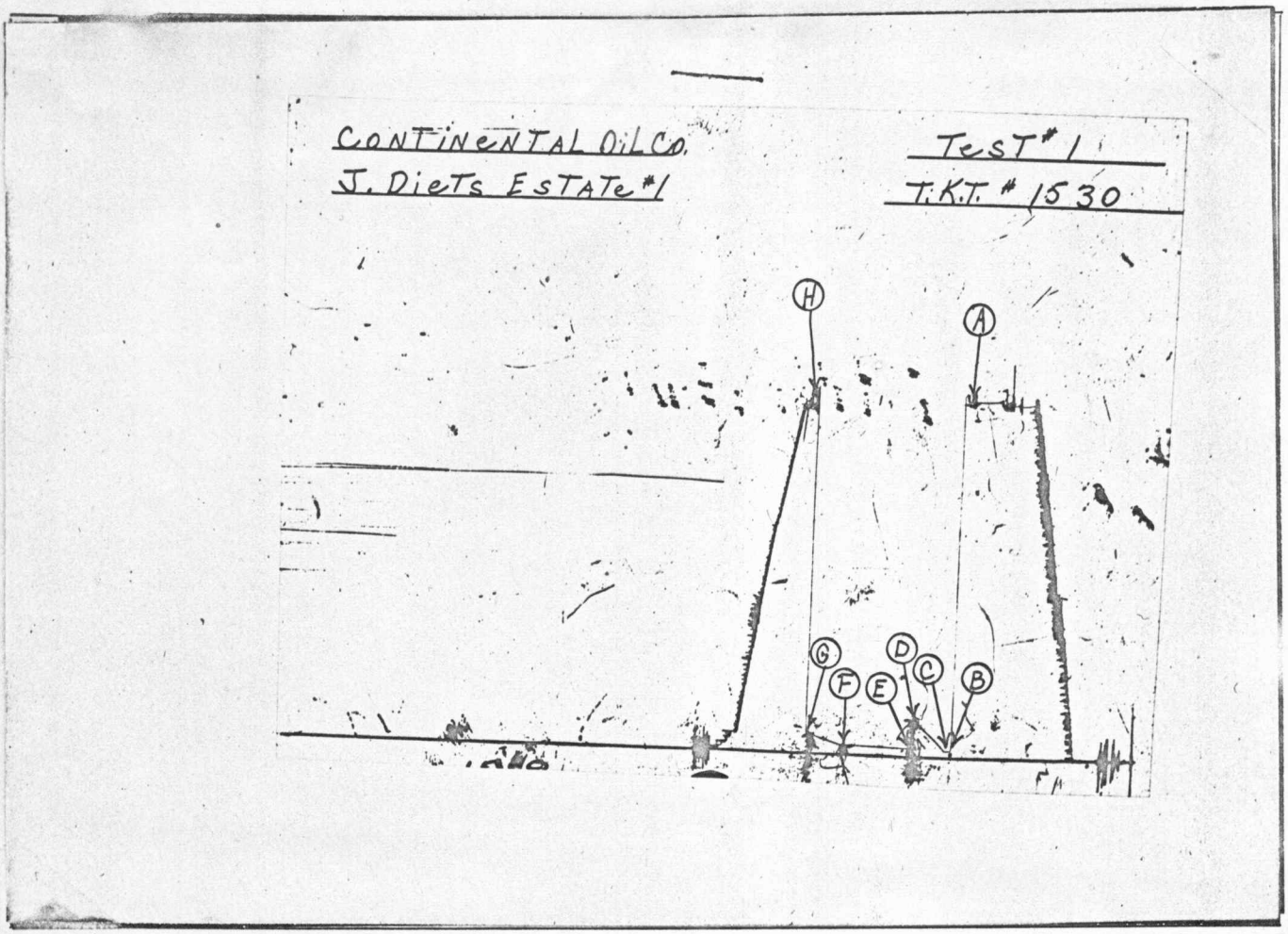
First Flow Press.
Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 14 Inc.
of 2 mins. and a
final inc. of 1 Min.

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 4 Min.

Final Shut-In
Breakdown: 15 Inc.
of 2 mins. and a
final inc. of — Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	42	0	42	0	52	0	59
P 2 5	42	2	44	5	52	2	61
P 3		4	63	10	52	4	65
P 4		6	80	15	54	6	69
P 6		8	92	20	54	8	75
P 7		10	107	25	54	10	82
P 8		12	122	30	54	12	86
P 9		14	134	35	56	14	90
P10		16	149	40	56	16	96
P11		18	160	45	56	18	99
P12		20	175	50	59	20	105
P13		22	185	55	59	22	113
P14		24	200	59	59	24	118
P15		26	213			26	124
P16		28	227			28	128
P17		29	236			30	134
P18							
P19							
P20							
P21							



This is an actual photograph of recorder chart.

POINT		PRESSURE
(A)	Initial Hydrostatic Mud	2192 PSI
(B)	First Initial Flow Pressure	42 PSI
(C)	First Final Flow Pressure	42 PSI
(D)	Initial Closed-in Pressure	236 PSI
(E)	Second Initial Flow Pressure	52 PSI
(F)	Second Final Flow Pressure	59 PSI
(G)	Final Closed-in Pressure	134 PSI
(H)	Final Hydrostatic Mud	2160 PSI

Company Continental Oil Company Lease and Well No. J. Diets Estate #1 Sec. 23 Twp. 28S Rge. 13W Test No. 1 Date 2-5

Home Office: Great Bend, Kansas

P. O. Box 793 GLadstone 3-7903 **Customer Order No. 14116**

Company **Continental Oil Company** Lease & Well No. **Dietz #1** Tkt. **#1250**

Date **2-8-62** Sec. **23** Twp. **28S** Range **13W** County **Pratt** State **Kansas**

Test Approved by **Jack J. Cowden** Western Representative **Guy M. Knipe**

Formation Test No. **3** O.K. **X** Misrun **-** Interval Tested From **4339'** to **4350'** Total Depth **4362'**

Size Main Hole **9"** Rat Hole **-** Conv. **X** B.T. **-** Damaged **-** Yes **X** No Conv. **X** B.T. **-** Damaged **-** Yes **X** No.

Packer Depth **4339** Ft. Size **8"** Packer Depth **4350** Ft. Size **8"**

Straddle **X** Yes **-** No Conv. **X** B.T. **-** Damaged **-** Yes **X** No

Packer Depth **-** Ft. Size **8"**

Tool Size **5½" O.D.** Tool Jt. Size **4½" F.H.** Anchor Length **11'** Ft. Size **5½" O.D.**

RECORDERS Depth **4343** Ft. Clock No. **6859** Depth **4346** Ft. Clock No. **-**

Top Make **Amerada** Cap. **4200#** No. **1559** Inside ~~Outside~~ Bottom Make **Western** Cap. **4000#** No. **59** ~~Inside~~ Outside

Below Straddle: Depth **4357** Clock No. **60** Inside Outside Depth **-** Ft. Clock No. **-** Inside Outside

Top Make **Western** Cap. **4000#** No. **60** ~~Inside~~ Outside Bottom Make **-** Cap. **-** No. **-** Inside Outside

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Time Set Packer **9:10 A.** M

Tool Open I.F.P. From **9:13A** M. to **9:18A** M. **-** Hr. **5** Min. From (B) **287** P.S.I. To (C) **292** P.S.I.

Tool Closed I.C.I.P. From **9:18A** M. to **9:48A** M. **-** Hr. **30** Min. (D) **1474** P.S.I.

Tool Open F.F.P. From **9:48A** M. to **10:26A** M. **-** Hr. **38** Min From (E) **214** P.S.I. To (F) **208** P.S.I.

Tool Closed F.C.I.P. From **10:26A** M. to **11:00A** M. **-** Hr. **34** Min. (G) **1446** P.S.I.

Initial Hydrostatic Pressure (A) **2492** P.S.I. Final Hydrostatic Pressure (H) **2436** P.S.I.

SURFACE INFORMATION Size Choke **3/4** In. Max. Press. P.S.I.

		Time	Description of Flow
Spring Gauge	**3/4 Lbs.**	**9:55 A.** M.	**775,000 C.F.**
" "	" "	**10:00 A.** M.	**775,000 C.F.**
" "	" "	**10:05 A.** M.	**775,000 C.F.**

BLOW **Strong gas to surface in 2 Min.** Bottom Choke Size **3/4** in.

Did Well Flow **X** Yes **-** No. Recovery Total Ft. **131** **-** Oil **-** Gas **-** Water

15' Heavily Gas cut mud, 58' Gassy Watery Mud, 58' Muddy Gassy Water Mud

Reversed Out **-** Yes **X** No Mud Type **Starch** Viscosity **50** Weight **10.1** Maximum Temp. **113** °F

EXTRA EQUIPMENT: Dual Packers **X** Safety Joint **Yes** Jars: Size **4½"O.D.** Make **Bowen** Ser. No. **186**

Type Circ. Sub. **Plug** Did Tool Plug? **No** Where? **-** Did Packer Hold? **Yes**

Remarks

51' Tool
354' Drill Collars 2¼" I.D.
3957' 3½" I.D.

Clock stopped on Amerada recorder

WESTERN TESTING CO., INC.

Pressure Data

Date 2-8-62 Test Ticket No. 1250

Recorder No. 59 Capacity 4,000# Location 4346 Ft.

Clock No. 59 Well Temperature 113 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2492	P.S.I.	Opened Tool	9:10		M 9:10	
B	First Initial Flow Pressure	287	P.S.I.	First Flow Pressure	5	Mins.	5	Mins.
C	First Final Flow Pressure	292	P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D	Initial Closed-in Pressure	1474	P.S.I.	Second Flow Pressure	38	Mins.	37	Mins.
E	Second Initial Flow Pressure	214	P.S.I.	Final Closed-in Pressure	34	Mins.	34	Mins.
F	Second Final Flow Pressure	208	P.S.I.					
G	Final Closed-in Pressure	1446	P.S.I.					
H	Final Hydrostatic Mud	2436	P.S.I.					

PRESSURE BREAKDOWN

First Flow Press.
Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 15 Inc.
of 2 mins. and a
final inc. of - Min.

Second Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 2 Min.

Final Shut-In
Breakdown: 17 Inc.
of 2 mins. and a
final inc. of - Min.

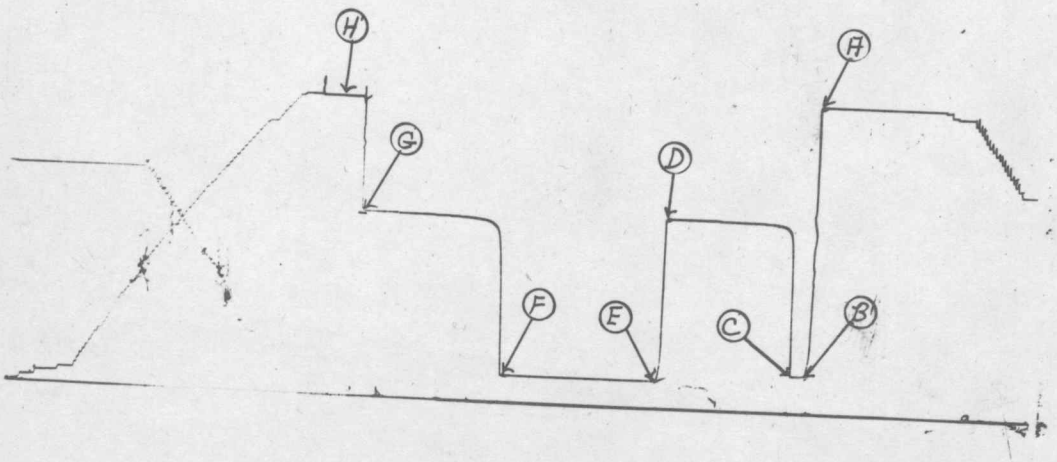
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	287	0	292	0	214	0	208
P 2 5	292	2	1328	5	214	2	1320
P 3		4	1442	10	212	4	1401
P 4		6	1452	15	212	6	1414
P 6		8	1461	20	210	8	1420
P 7		10	1465	25	210	10	1425
P 8		12	1468	30	208	12	1429
P 9		14	1470	35	208	14	1433
P10		16	1472	37	208	16	1437
P11		18	1472			18	1440
P12		20	1474			20	1442
P13		22	1474			22	1444
P14		24	1474			24	1444
P15		26	1474			26	1446
P16		28	1474			28	1446
P17		30	1474			30	1446
P18						32	1446
P19						34	1446
P20							
P21							

Continental Oil Co.

Dietz #1

Test #3

T.K.T. # 1250

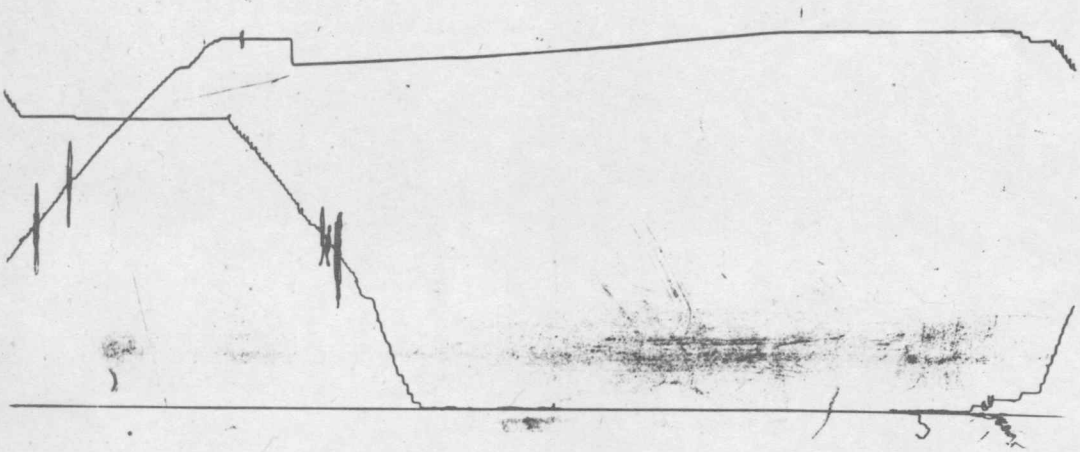


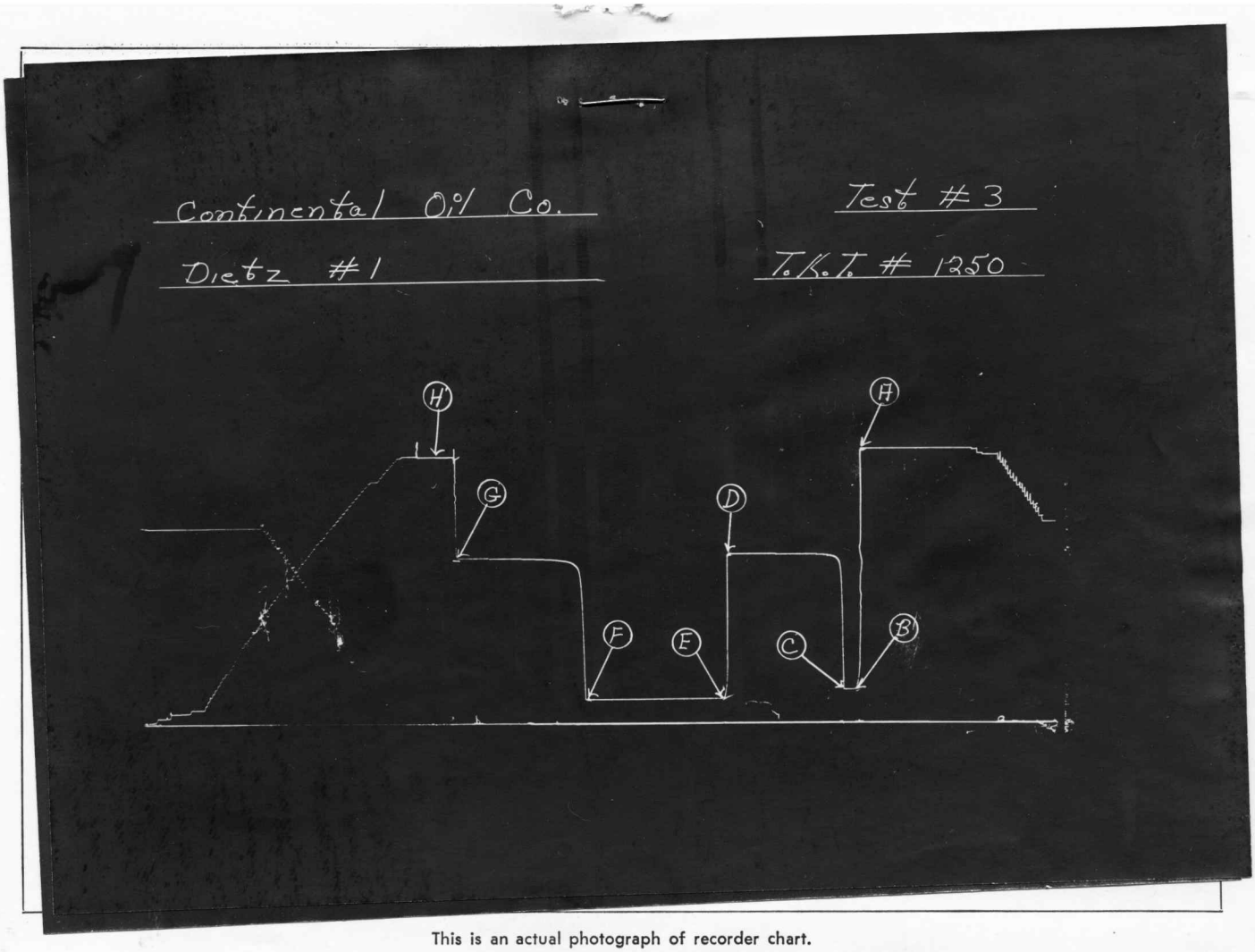
(STRADDLe) Test #3

DieTz #1

BOTTOM HoLe chart

TKT # 1250





This is an actual photograph of recorder chart.

POINT		PRESSURE
(A)	Initial Hydrostatic Mud	2492 PSI
(B)	First Initial Flow Pressure	287 PSI
(C)	First Final Flow Pressure	292 PSI
(D)	Initial Closed-in Pressure	1474 PSI
(E)	Second Initial Flow Pressure	214 PSI
(F)	Second Final Flow Pressure	208 PSI
(G)	Final Closed-in Pressure	1446 PSI
(H)	Final Hydrostatic Mud	2436 PSI