



15-101-22207

6-19s-28w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D011

Page 1 of 2 Pages

Company Mid-Continent Energy Operating Co. Lease & Well No. Hineman Unit No. 1-6Elevation 2760 KB Formation Lansing/Kansas City 160' Zone Effective Pay -- Ft. Ticket No. R011Date 11-24-09 Sec. 6 Twp. 19S Range 28W County Lane State KansasTest Approved By Mike Kidwell Diamond Representative Randy WilliamsFormation Test No. 1 Interval Tested from 4,236 ft. to 4,260 ft. Total Depth 4,260 ft.Packer Depth 4,231 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Packer Depth 4,236 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Depth of Selective Zone Set -- ft.Top Recorder Depth (Inside) 4,215 ft. Recorder Number 30035 Cap. 5,000 psiBottom Recorder Depth (Outside) 4,257 ft. Recorder Number 13387 Cap. 3,900 psiBelow Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psiDrilling Contractor Val Energy, Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.Weight 9.3 Water Loss 7.2 cc. Drill Pipe Length 4,206 ft. I.D. 3 1/2 in.Chlorides 3,300 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.Jars: Make Sterling Serial Number 1 Anchor Length 24 ft. Size 4 1/2 - FH in.Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair blow, building. Off bottom of bucket in 27 mins. No blow back during shut-in.

2nd Open: Fair blow, building. Off bottom of bucket in 32 mins. No blow back during shut-in.

Recovered 90 ft. of gas in pipeRecovered 150 ft. of gas cut oil = 2.134500 bbls. (Grind out: 30%-gas; 70%-oil) Gravity: 37 @ 60°Recovered 60 ft. of drilling mud = .853800 bbls.Recovered 60 ft. of mud cut water = .853800 bbls. (Grind out: 30%-mud; 70%-water) Chlorides: 58,000 Ppm (PH: 8.0)
(RW: 2.1 @ 52°)Recovered 270 ft. of TOTAL FLUID = 3.842100 bbls.Remarks Tool Sample Grind Out: 10%-oil; 20%-mud; 70%-waterTime Set Packer(s) 4:20 ~~AM~~ P.M. Time Started Off Bottom 8:35 ~~AM~~ P.M. Maximum Temperature 122°Initial Hydrostatic Pressure (A) 2201 P.S.I.Initial Flow Period Minutes 30 (B) 24 P.S.I. to (C) 66 P.S.I.Initial Closed In Period Minutes 75 (D) 674 P.S.I.Final Flow Period Minutes 60 (E) 69 P.S.I. to (F) 134 P.S.I.Final Closed In Period Minutes 90 (G) 668 P.S.I.Final Hydrostatic Pressure (H) 2170 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name MID-CONTINENT ENERGY OPERATING CO

Contact

Well Name HINEMAN #1-6

Unique Well ID DST#1 LANSING/KC 160 4236-4260

Surface Location SEC 6-19S-28W LANE COUNTY

Field WILDCAT

Well Type Vertical

Job Number

R011

Representative

RANDY WILLIAMS

Well Operator

MID-CONTINENT ENERGY OPERATING CO

Report Date

2009/11/24

Prepared By

RANDY WILLIAMS

Test Information

Test Type

Drill Stem Test

Formation DST#1 LANSING/KC 160 4236-4260

Well Fluid Type 01 Oil

Test Purpose (AEUB) Initial Test

Start Test Time

13:30:00

Final Test Time

23:11:00

Start Test Date

2009/11/24

Final Test Date

2009/11/24

Gauge Name

30035

Test Type Name

Test Results

RECOVERED: 150', GAS CUT OIL, 30% GAS, 70% OIL API 37 @ 60 DEG

60', DRILLING MUD

60', MCW, 30% MUD, 70% WATER, CHLORIDES 58,000, PH 8.0, RW 2.1 @ 52 DEG

90', GAS IN PIPE

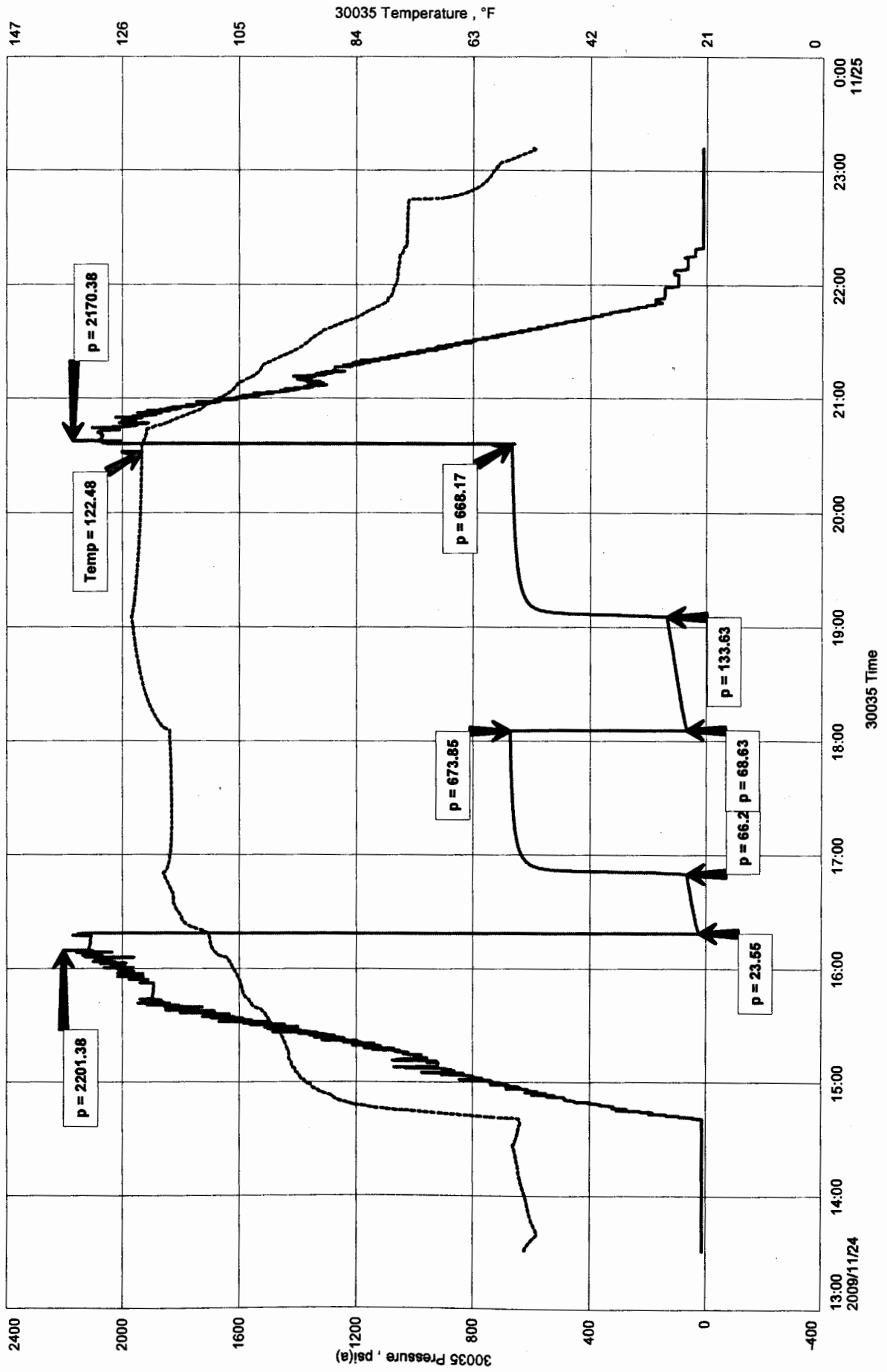
TOTAL FLUID: 270'

TOOL SAMPLE: 10% OIL, 20% MUD, 70% WATER

MID-CONTINENT ENERGY OPERATING CO
DST#1 LANSING/KC 160 4236-4260
Start Test Date: 2009/11/24
Final Test Date: 2009/11/24

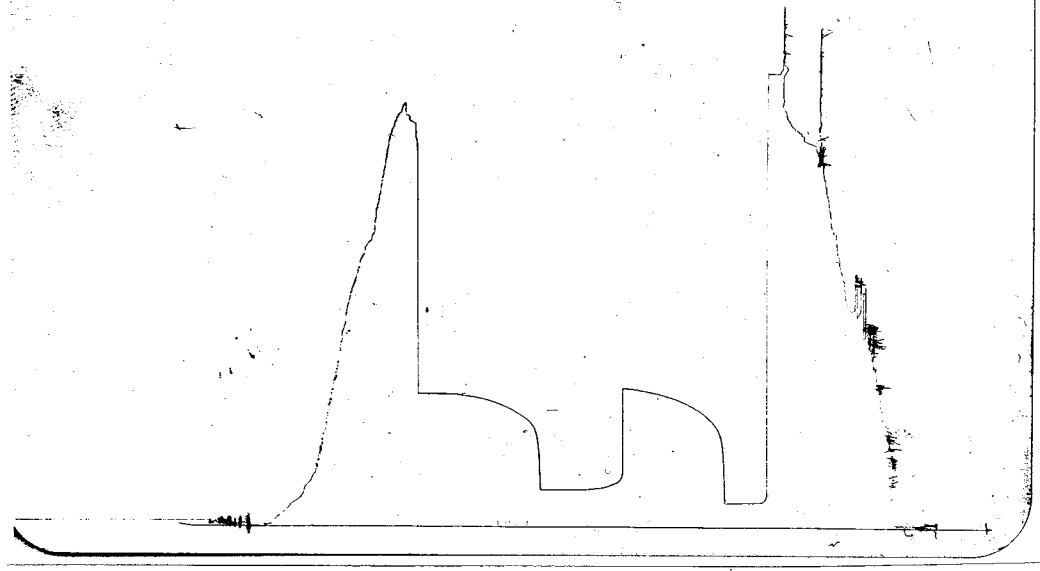
HINEMAN #1-6
Formation: DST#1 LANSING/KC 160 4236-4260
Job Number: R011

HINEMAN #1-6



DSY #1 OUTSIDE 13387
LMS/140-160

4236-4260
LOC 4215



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2201	2201
(B) First Initial Flow Pressure	24	24
(C) First Final Flow Pressure	66	66
(D) Initial Closed-in Pressure	674	674
(E) Second Initial Flow Pressure	69	69
(F) Second Final Flow Pressure	134	134
(G) Final Closed-in Pressure	668	668
(H) Final Hydrostatic Mud	2170	2170

COMPANY AND OPERATOR AND BY OPERATOR OF RECORDS CO. LEASE AND WELL NO. SEC. T. R. DATE



DIAMOND TESTING

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STC 30035.D012

Page 1 of 2 Pages

Company Mid-Continent Energy Operating Co. Lease & Well No. Hineman Unit No. 1-6

Elevation 2760 KB Formation Lansing/Kansas City 180' Zone Effective Pay -- Ft. Ticket No. R012

Date 11-25-09 Sec. 6 Twp. 19S Range 28W County Lane State Kansas

Test Approved By Mike Kidwell Diamond Representative Randy Williams

Formation Test No. 2 Interval Tested from 4,268 ft. to 4,289 ft. Total Depth 4,289 ft.

Packer Depth 4,263 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,268 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,247 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,265 ft. Recorder Number 13387 Cap. 3,900 psi

Below Straddle Recorder Depth ft. Recorder Number psi

Drilling Contractor Val Energy, Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 6.4 cc. Drill Pipe Length 4,238 ft. I.D. 3 1/2 in.

Chlorides 1,700 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 21 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair blow, building. Off bottom of bucket in 26 mins. No blow back during shut-in.

2nd Open: Fair blow, building. Off bottom of bucket in 30 mins. No blow back during shut-in.

Recovered 150 ft. of water cut mud = 2.134500 bbls. (Grind out: 40%-water; 60%-mud)

Recovered 240 ft. of muddy water = 3.415200 bbls. (Grind out: 30%-mud; 70%-water) Chlorides: 46,000 Ppm (PH: 7.0)

Recovered 390 ft. of TOTAL FLUID = 5.549700 bbls. (RW: 2.0 @ 54°)

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-oil; 15%-water; 83%-mud

Time Set Packer(s) 11:02 A.M. Time Started Off Bottom 3:17 A.M. Maximum Temperature 128°

Initial Hydrostatic Pressure (A) 2055 P.S.I.

Initial Flow Period Minutes 30 (B) 23 P.S.I. to (C) 93 P.S.I.

Initial Closed In Period Minutes 75 (D) 637 P.S.I.

Final Flow Period Minutes 60 (E) 95 P.S.I. to (F) 211 P.S.I.

Final Closed In Period Minutes 90 (G) 630 P.S.I.

Final Hydrostatic Pressure (H) 2058 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name MID-CONTINENT ENERGY OPERATING CO

Contact GRANT CANADAY

Well Name HINEMAN # 1-6

Unique Well ID DST #2 LANSING/KC-180 4268-4289

Surface Location SEC 6-19S-28W LANE COUNTY

Field WILDCAT

Well Type Vertical

Job Number R012

Representative RANDY WILLIAMS

Well Operator MID CONTINENT ENERGY OPERATING CO

Report Date 2009/11/25

Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test

Formation DST #2 LANSING/KC-180 4268-4289

Well Fluid Type 01 Oil

Test Purpose (AEUB) Initial Test

Start Test Time 08:20:00

Final Test Time 17:07:00

Start Test Date 2009/11/25

Final Test Date 2009/11/25

Gauge Name 30035

Test Type Name

Test Results

RECOVERED: 150',WCM, 40% WATER, 60% MUD
240',MW, 30% MUD, 70% WATER, PH-7.0, CHLORIDES 46,000, RW-2.0 @ 54 DEG

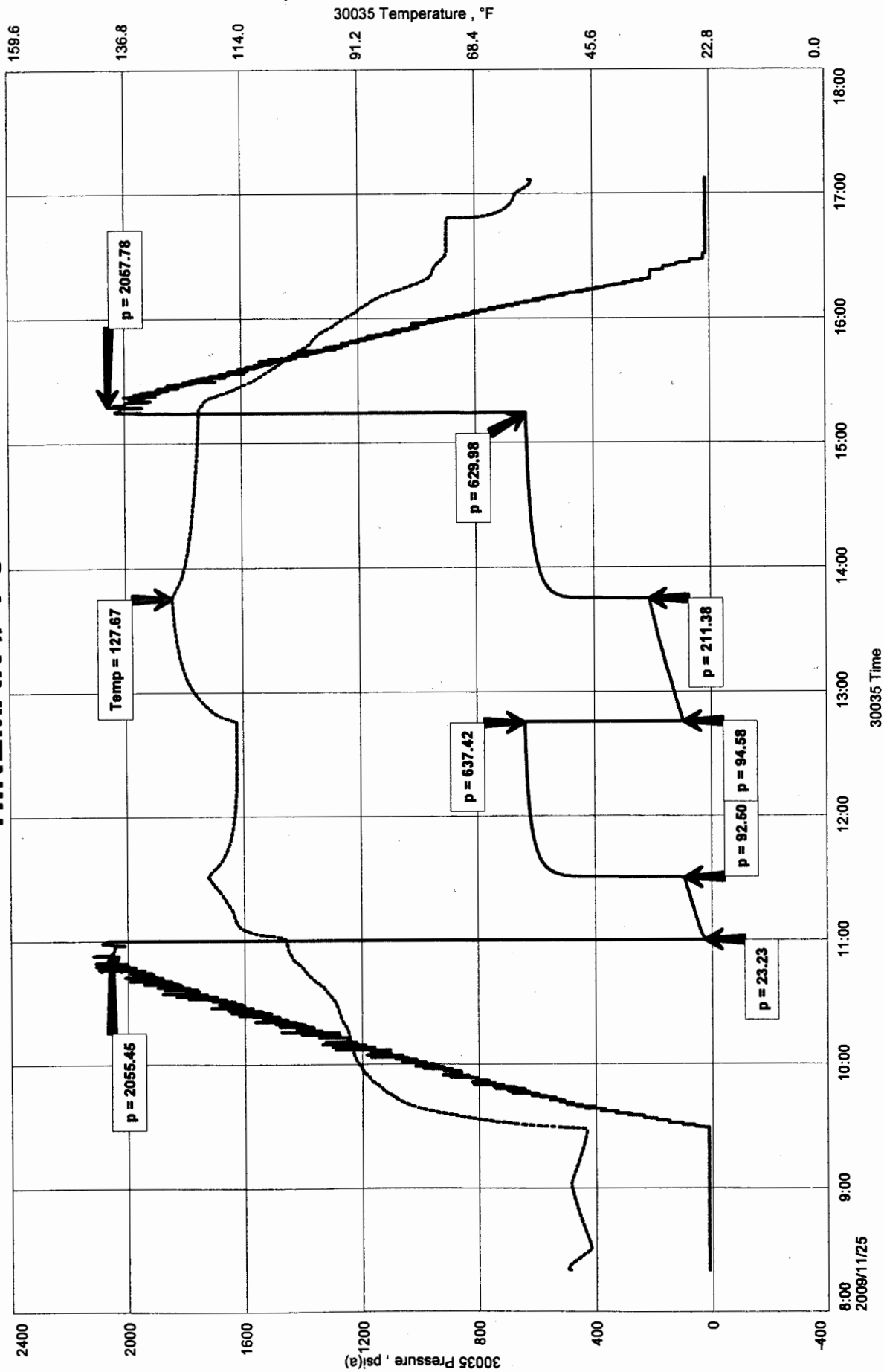
TOTAL FLUID: 390'

TOOL SAMPLE: 2% OIL, 15% WATER, 83% MUD

MID-CONTINENT ENERGY OPERATING CO
DST #2 LANSING/KC-180 4268-4289
Start Test Date: 2009/11/25
Final Test Date: 2009/11/25

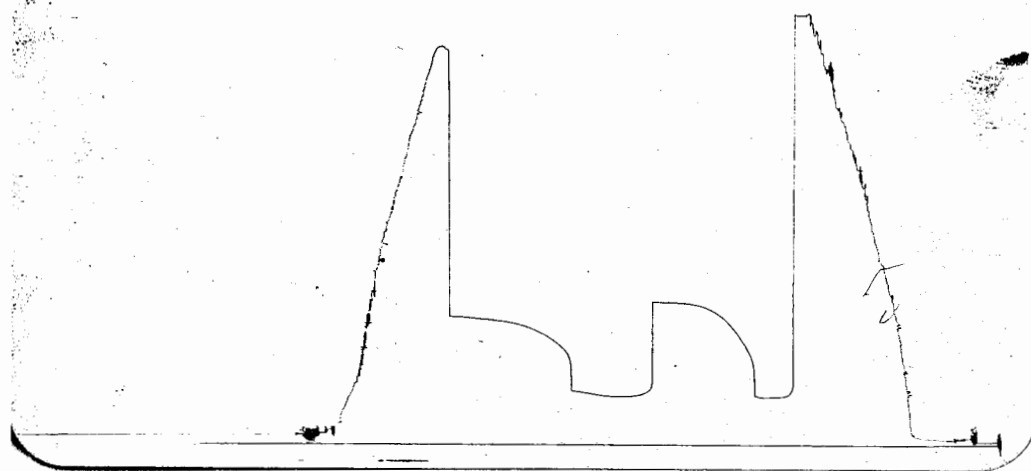
HINEMAN # 1-6
Formation: DST #2 LANSING/KC-180 4268-4289
Pool: WILDCAT
Job Number: R012

HINEMAN # 1-6



DST #2 OUTSIDE 13387
LANSING/KC-180

4268-4289
LOC 4247



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	2055	2055	PSI	
(B) First Initial Flow Pressure.....	23	23	PSI	
(C) First Final Flow Pressure	93	93	PSI	
(D) Initial Closed-in Pressure	637	637	PSI	
(E) Second Initial Flow Pressure	95	95	PSI	
(F) Second Final Flow Pressure.....	211	211	PSI	
(G) Final Closed-in Pressure.....	630	630	PSI	
(H) Final Hydrostatic Mud	2058	2058	PSI	



DIAMOND TESTING

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Page 1 of 2 Pages

Company Mid-Continent Energy Operating Co. Lease & Well No. Hineman Unit No. 1-6
Elevation 2760 KB Formation Lansing/Kansas City 220'/Pleasanton Effective Pay -- Ft. Ticket No. R013
Date 11-26-09 Sec. 6 Twp. 19S Range 28W County Lane State Kansas
Test Approved By Mike Kidwell Diamond Representative Randy Williams

Formation Test No. 3 Interval Tested from 4,346 ft. to 4,370 ft. Total Depth 4,370 ft.

Packer Depth 4,341 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,346 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,325 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,367 ft. Recorder Number 13387 Cap. 3,900 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Val Energy, Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 7.2 cc. Drill Pipe Length 4,316 ft. I.D. 3 1/2 in.

Chlorides 2,100 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 24 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow, building. Off bottom of bucket in 6 mins. Weak, surface blow back during shut-in.

2nd Open: Strong blow, building. Off bottom of bucket in 7 mins. Weak, surface blow back during shut-in.

Recovered 1,320 ft. of gas in pipe

Recovered 480 ft. of gassy oil = 6.830400 bbls. (Grind out: 40%-gas; 60%-oil) Gravity: 42 @ 60°

Recovered 120 ft. of muddy gassy oil = 1.707600 bbls. (Grind out: 20%-mud; 30%-gas; 50%-oil)

Recovered 600 ft. of TOTAL FLUID = 8.538000 bbls.

Recovered ft. of

Remarks Tool Sample Grind Out: 80%-oil; 20%-mud

Time Set Packer(s) 9:07 A.M. Time Started Off Bottom 1:22 AXM. Maximum Temperature 130°
P.M.

Initial Hydrostatic Pressure (A) 2096 P.S.I.

Initial Flow Period Minutes 30 (B) 25 P.S.I. to (C) 112 P.S.I.

Initial Closed In Period Minutes 75 (D) 608 P.S.I.

Final Flow Period Minutes 60 (E) 116 P.S.I. to (F) 249 P.S.I.

Final Closed In Period Minutes 90 (G) 600 P.S.I.

Final Hydrostatic Pressure (H) 2080 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name MID-CONTINENT ENERGY OPERATING CO

Contact GRANT CANADAY
Well Name HINEMAN # 1-6
Unique Well ID DST#3 220-PLESNTON 4346-4370
Surface Location SEC 6-19S-28W LANE COUNTY
Field WILDCAT
Well Type Vertical

Job Number R013
Representative RANDY WILLIAMS
Well Operator MID-CONTINENT ENERGY OPERATING CO
Report Date 2009/11/26
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST#3 220-PLESNTON 4346-4370
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 06:32:00
Final Test Time 16:19:00

Start Test Date 2009/11/26
Final Test Date 2009/11/26

Gauge Name 30035
Test Type Name

Test Results

RECOVERED: 480' GO, 40% GAS, 60% OIL
120' MGO, 20% MUD, 30% GAS, 50% OIL

1320' GAS IN PIPE

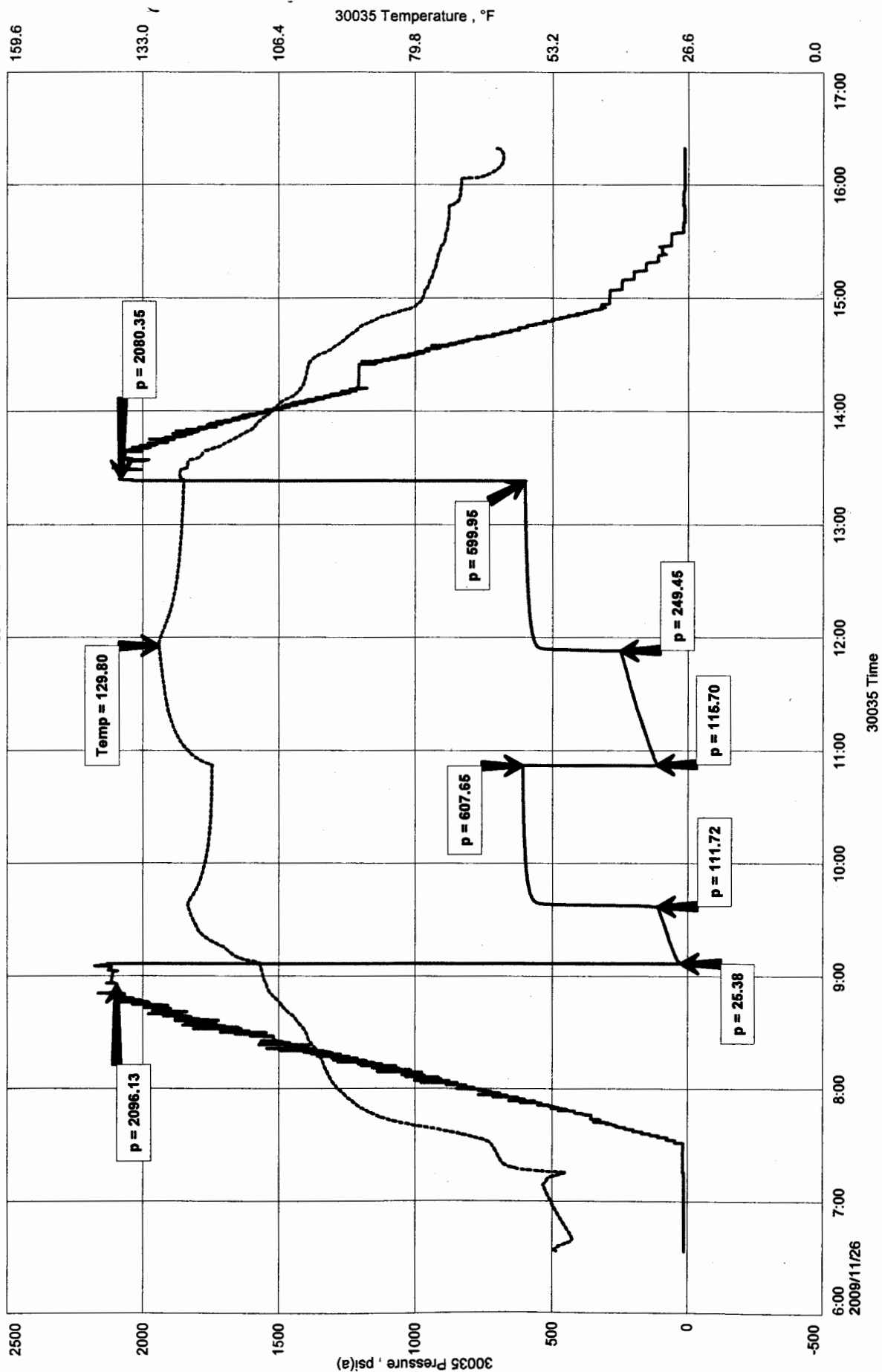
TOTAL FLUID: 600'

TOOL SAMPLE: 80% OIL, 20% MUD

MID-CONTINENT ENERGY OPERATING CO
DST#3 220-PLENTON 4346-4370
Start Test Date: 2009/11/26
Final Test Date: 2009/11/26

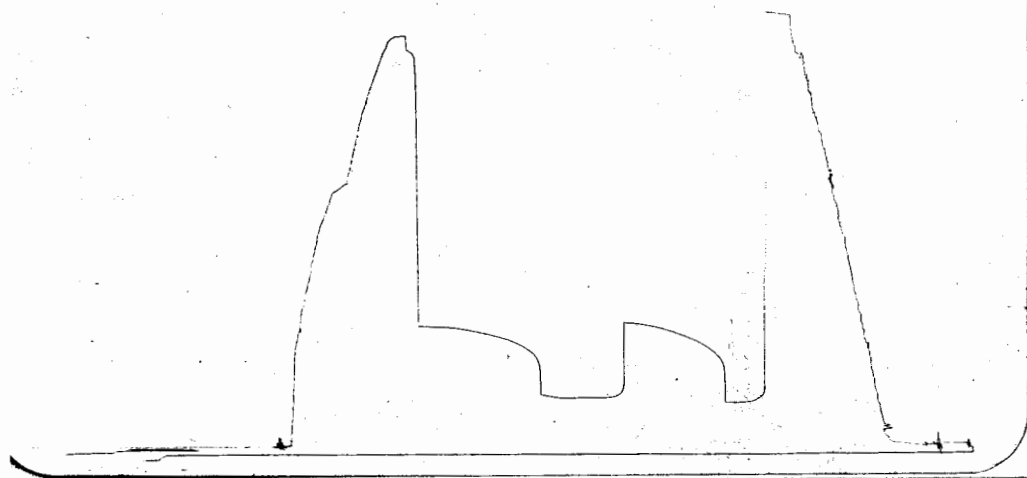
HINEMAN # 1-6
Formation: DST#3 220-PLENTON 4346-4370
Job Number: R013

HINEMAN # 1-6



DST #3 OUTSIDE 13387
220-RENTON

4346-4370
LOC-4325



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	2096	2096	PSI	
(B) First Initial Flow Pressure.....	25	25	PSI	
(C) First Final Flow Pressure	112	112	PSI	
(D) Initial Closed-in Pressure	608	608	PSI	
(E) Second Initial Flow Pressure	116	116	PSI	
(F) Second Final Flow Pressure.....	249	249	PSI	
(G) Final Closed-in Pressure.....	600	600	PSI	
(H) Final Hydrostatic Mud	2080	2080	PSI	



DIAMOND TESTING
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STC 30035.D014

Page 1 of 2 Pages

Company Mid-Continent Energy Operating Co. Lease & Well No. Hineman Unit No. 1-6
Elevation 2760 KB Formation Pawnee/Ft. Scott Effective Pay -- Ft. Ticket No. R014
Date 11-27-09 Sec. 6 Twp. 19S Range 28W County Lane State Kansas
Test Approved By Mike Kidwell Diamond Representative Randy Williams
Formation Test No. 4 Interval Tested from 4,506 ft. to 4,544 ft. Total Depth 4,544 ft.
Packer Depth 4,501 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,506 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 4,485 ft. Recorder Number 30035 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,541 ft. Recorder Number 13387 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi
Drilling Contractor Val Energy, Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.3 Water Loss 7.2 cc. Drill Pipe Length 4,476 ft. I.D. 3 1/2 in.
Chlorides 2,000 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 38 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.
Blow: 1st Open: Weak blow, building to 1/2 in. in 30 mins. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.
Recovered 30 ft. of oily mud = .426900 bbls. (Grind out: 4%-oil; 96%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 2%-oil; 98%-mud

Time Set Packer(s) 12:35 ~~AM~~ P.M. Time Started Off Bottom 3:20 ~~AM~~ P.M. Maximum Temperature 122°
Initial Hydrostatic Pressure (A) 2234 P.S.I.
Initial Flow Period Minutes 30 (B) 21 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period Minutes 75 (D) 112 P.S.I.
Final Flow Period Minutes 30 (E) 23 P.S.I. to (F) 26 P.S.I.
Final Closed In Period Minutes 30 (G) 38 P.S.I.
Final Hydrostatic Pressure (H) 2224 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name MID-CONTINENT ENERGY OPERATING CO

Contact GRANT CANADAY
Well Name HINEMAN #1-6
Unique Well ID DST #4 PAWNEE-FORT SCOTT 4506-4544
Surface Location SEC 6-29S-28W
Field WILDCAT
Well Type Vertical

Job Number RO14
Representative RANDY WILLIAMS
Well Operator MID CONTINENT ENERGY OPERATING CO
Report Date 2009/11/27
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST #4 PAWNEE-FORT SCOTT 4506-4544
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 10:10:00
Final Test Time 17:35:00

Start Test Date 2009/11/27
Final Test Date 2009/11/27

Gauge Name 30035
Test Type Name

Test Results

RECOVERED: 30', OM, 4% OIL, 96% MUD

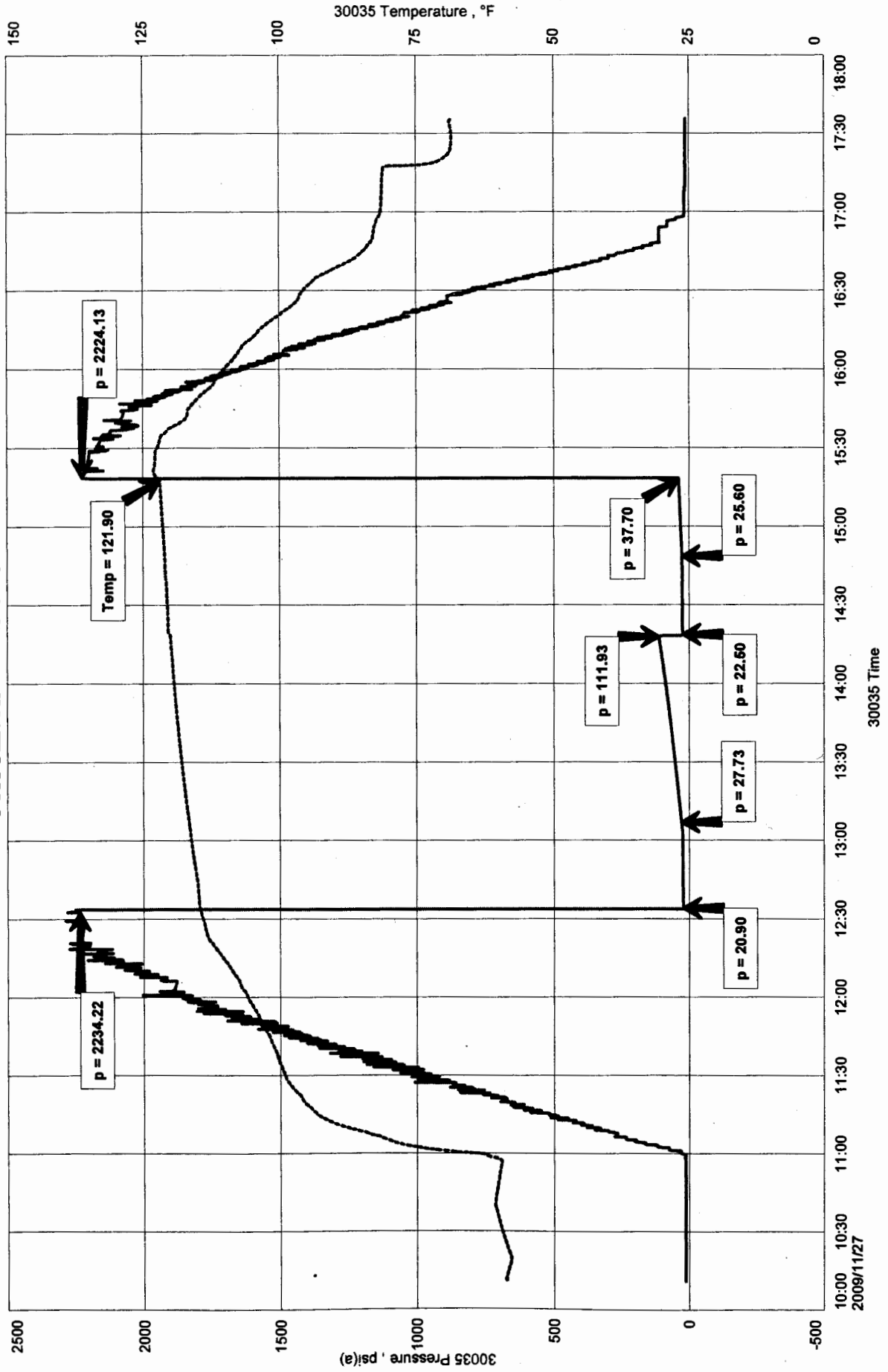
TOTAL FLUID: 30'

TOOL SAMPLE: 2% OIL, 98% MUD

MID-CONTINENT ENERGY OPERATING CO
DST #4 PAWNEE-FORT SCOTT 4506-4544
Start Test Date: 2009/11/27
Final Test Date: 2009/11/27

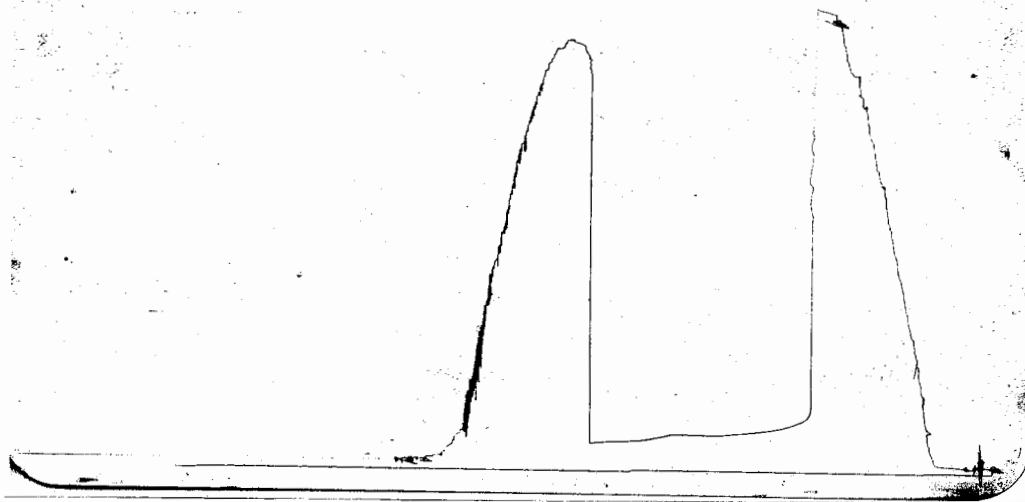
HINEMAN #1-6
Formation: DST #4 PAWNEE-FORT SCOTT 4506-4544
Job Number: RO14

HINEMAN #1-6



DST #4 OUTSIDE 13387
PAWNEE-FORT SCOTT

4506-4544
LOC 4485



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2234	2234	PSI
(B) First Initial Flow Pressure.....	21	21	PSI
(C) First Final Flow Pressure	28	28	PSI
(D) Initial Closed-in Pressure	112	112	PSI
(E) Second Initial Flow Pressure.....	23	23	PSI
(F) Second Final Flow Pressure.....	26	26	PSI
(G) Final Closed-in Pressure.....	38	38	PSI
(H) Final Hydrostatic Mud.....	2224	2224	PSI



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Page 1 of 2 Pages

Company Mid-Continent Energy Operating Co. Lease & Well No. Hineman Unit No. 1-6

Elevation 2760 KB Formation Lansing/Kansas City 220' Zone Effective Pay -- Ft. Ticket No. R015

Date 11-29-09 Sec. 6 Twp. 19S Range 28W County Lane State Kansas

Test Approved By Mike Kidwell Diamond Representative Randy Williams

Formation Test No. 5 Interval Tested from 4,304 ft. to 4,340 ft. Total Depth 4,675 ft.

Packer Depth 4,299 ft. Size 6 3/4 in. Packer Depth 4,340 ft. Size 6 3/4 in.

Packer Depth 4,304 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,283 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,337 ft. Recorder Number 13387 Cap. 3,900 psi

Below Straddle Recorder Depth 4,672 ft. Recorder Number 6884 Cap. 6,000 psi

Drilling Contractor Val Energy, Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 57 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 8.0 cc. Drill Pipe Length 4,280 ft. I.D. 3 1/2 in.

Chlorides 2,200 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 36' perf. w/ 335' tail pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow, building. Off bottom of bucket in 1 min. No blow back during shut-in.

2nd Open: Fair blow, building. Off bottom of bucket in 13 mins. No blow back during shut-in.

Recovered 1,320 ft. of mud = 18.783600 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks MISRUN! Bottom packer did not hold.

Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 12:02 A.M. FX Time Started Off Bottom 4:17 A.M. FX Maximum Temperature 126°

Initial Hydrostatic Pressure (A) 2127 P.S.I.

Initial Flow Period Minutes 30 (B) 161 P.S.I. to (C) 518 P.S.I.

Initial Closed In Period Minutes 75 (D) 1083 P.S.I.

Final Flow Period Minutes 60 (E) 524 P.S.I. to (F) 664 P.S.I.

Final Closed In Period Minutes 90 (G) 1068 P.S.I.

Final Hydrostatic Pressure (H) 2128 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name MID CONTINENT ENERGY OPERATING CO

Contact

Well Name HINEMANE # 1-6

Unique Well ID DST #5 220 4304-4340

Surface Location SEC 6-19S-28W LANE COUNTY

Field WILDCAT

Well Type Vertical

Job Number

R015

Representative

RANDY WILLIAMS

Well Operator

MID CONTINENT ENERGY OPERATING CO

Report Date

2009/11/29

Prepared By

RANDY WILLIAMS

Test Information

Test Type

Drill Stem Test

Formation

DST #5 220 4304-4340

Well Fluid Type

01 Oil

Test Purpose (AEUB)

Initial Test

Start Test Time

12:02:00

Final Test Time

08:06:00

Start Test Date

2009/11/29

Final Test Date

2009/11/29

Gauge Name

30035

Test Type Name

Test Results

RECOVERED: 1320', MUD

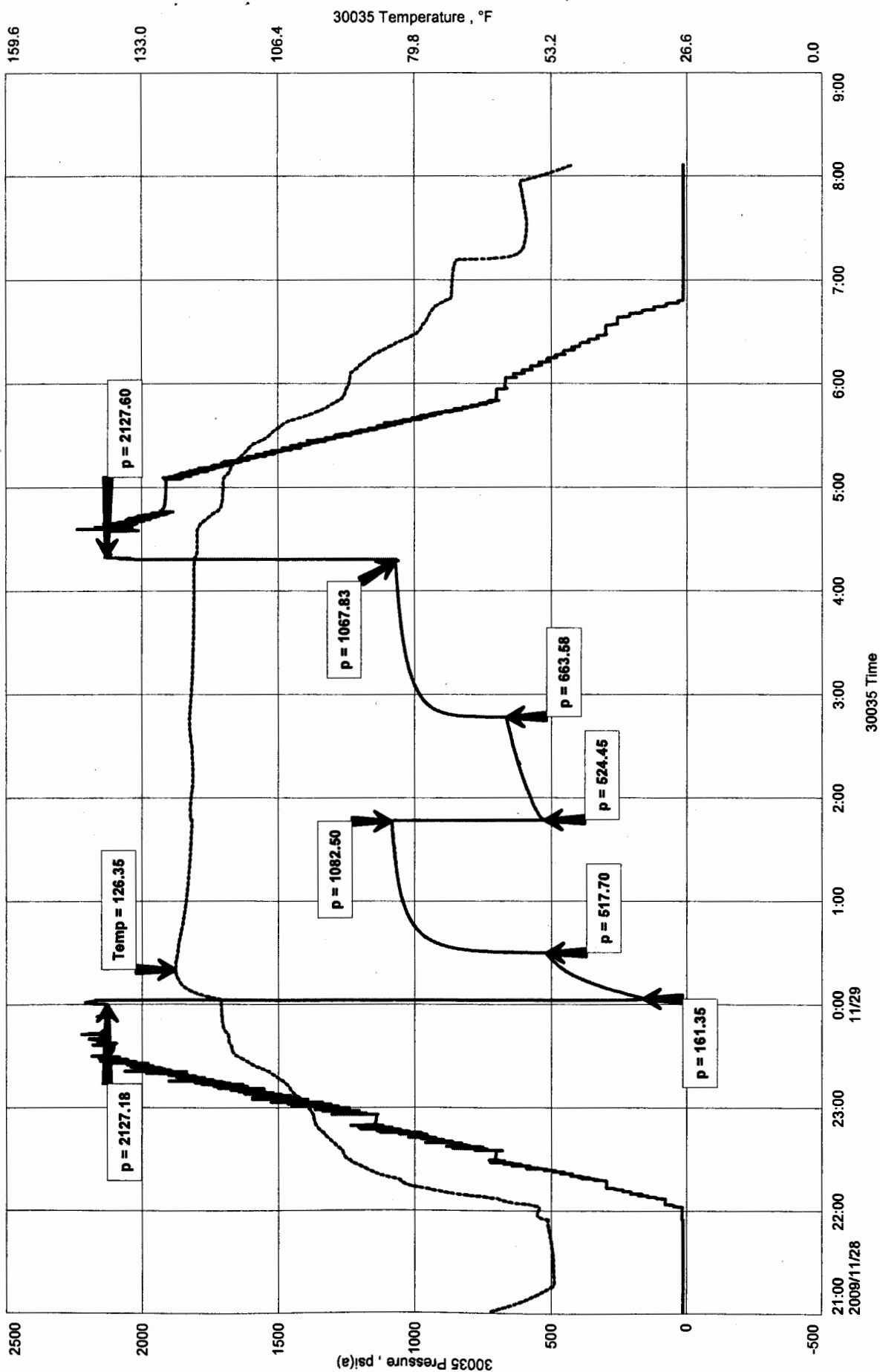
TOTAL FLUID: 1320'

TOOL SAMPLE: MUD

MID CONTINENT ENERGY OPERATING CO
DST #5 220 4304-4340
Start Test Date: 2009/11/29
Final Test Date: 2009/11/29

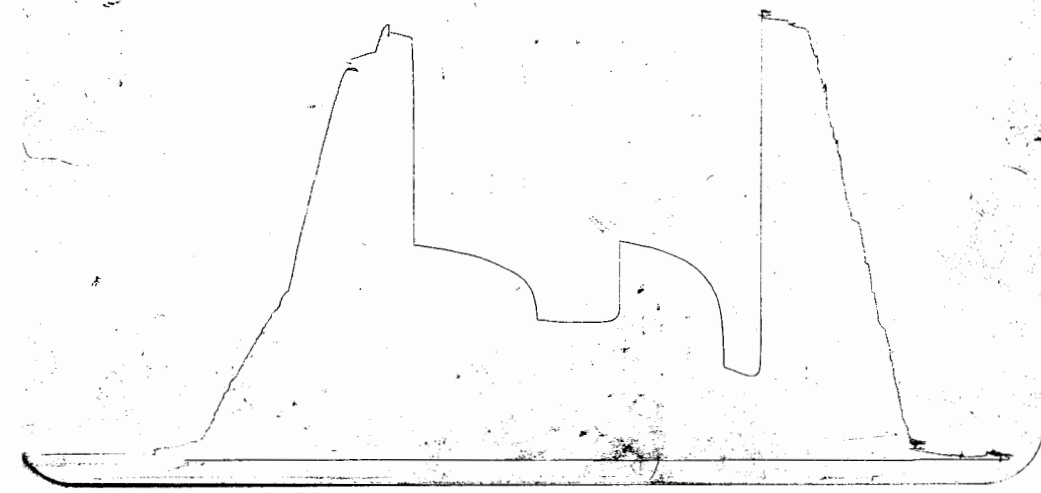
HINEMANE # 1-6
Formation: DST #5 220 4304-4340
Pool: WILDCAT
Job Number: R015

HINEMAN # 1-6



DST#5 OUTSIDE 13387
 LOWER INSIDE 220

4304-9340
 400 4337



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2127	2127
(B) First Initial Flow Pressure.....	161	161
(C) First Final Flow Pressure	518	518
(D) Initial Closed-in Pressure	1083	1083
(E) Second Initial Flow Pressure	524	524
(F) Second Final Flow Pressure.....	664	664
(G) Final Closed-in Pressure.....	1068	1068
(H) Final Hydrostatic Mud	2128	2128