

15-009-24867

15-195-14w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21083.D157

Page 1 of 2 Pages

Company Globe Operating, Inc. Lease & Well No. Essmiller No. 1
Elevation 1880GL Formation Lansing/Kansas City "A" Effective Pay -- Ft. Ticket No. J1747
Date 9-30-05 Sec. 15 Twp. 19S Range 14W County Barton State Kansas
Test Approved By Jim Musgrove Diamond Representative John C. Riedl
Formation Test No. 1 Interval Tested from 3,216 ft. to 3,278 ft. Total Depth 3,278 ft.
Packer Depth 3,211 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,216 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 3,219 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,275 ft. Recorder Number 11017 Cap. 4,000 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi
Drilling Contractor Discovery Drilling - Rig 2 Drill Collar Length 30 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 43 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.8 Water Loss 8.4 cc. Drill Pipe Length 3,166 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 62 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. Dead in 10 mins.
2nd Open: No blow.

Recovered 15 ft. of oil specked drilling mud = .073800 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 11:15 ~~A.M.~~ P.M. Time Started Off Bottom 1:15 ~~P.M.~~ A.M. Maximum Temperature 97°
Initial Hydrostatic Pressure (A) 1553 P.S.I.
Initial Flow Period Minutes 30 (B) 20 P.S.I. to (C) 22 P.S.I.
Initial Closed In Period Minutes 30 (D) 59 P.S.I.
Final Flow Period Minutes 30 (E) 24 P.S.I. to (F) 27 P.S.I.
Final Closed In Period Minutes 30 (G) 41 P.S.I.
Final Hydrostatic Pressure (H) 1521 P.S.I.

GENERAL INFORMATION

Client Information:

Company: GLOBE OPERATING INC

Contact: RICHARD STALCUP

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: ESSMILLER #1

Operator: GLOBE OPERATING INC

Location-Downhole: DST #1 3216-3278

Location-Surface: S15/19S/14W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Test Unit: 2

Start Date: 2005/09/30

End Date: 2005/10/01

Report Date: 2005/10/01

Job Number: D157

Start Time: 21:33:00

End Time: 02:50:00

Prepared By: JOHN RIEDL

Qualified By: JIM MUSGROVE

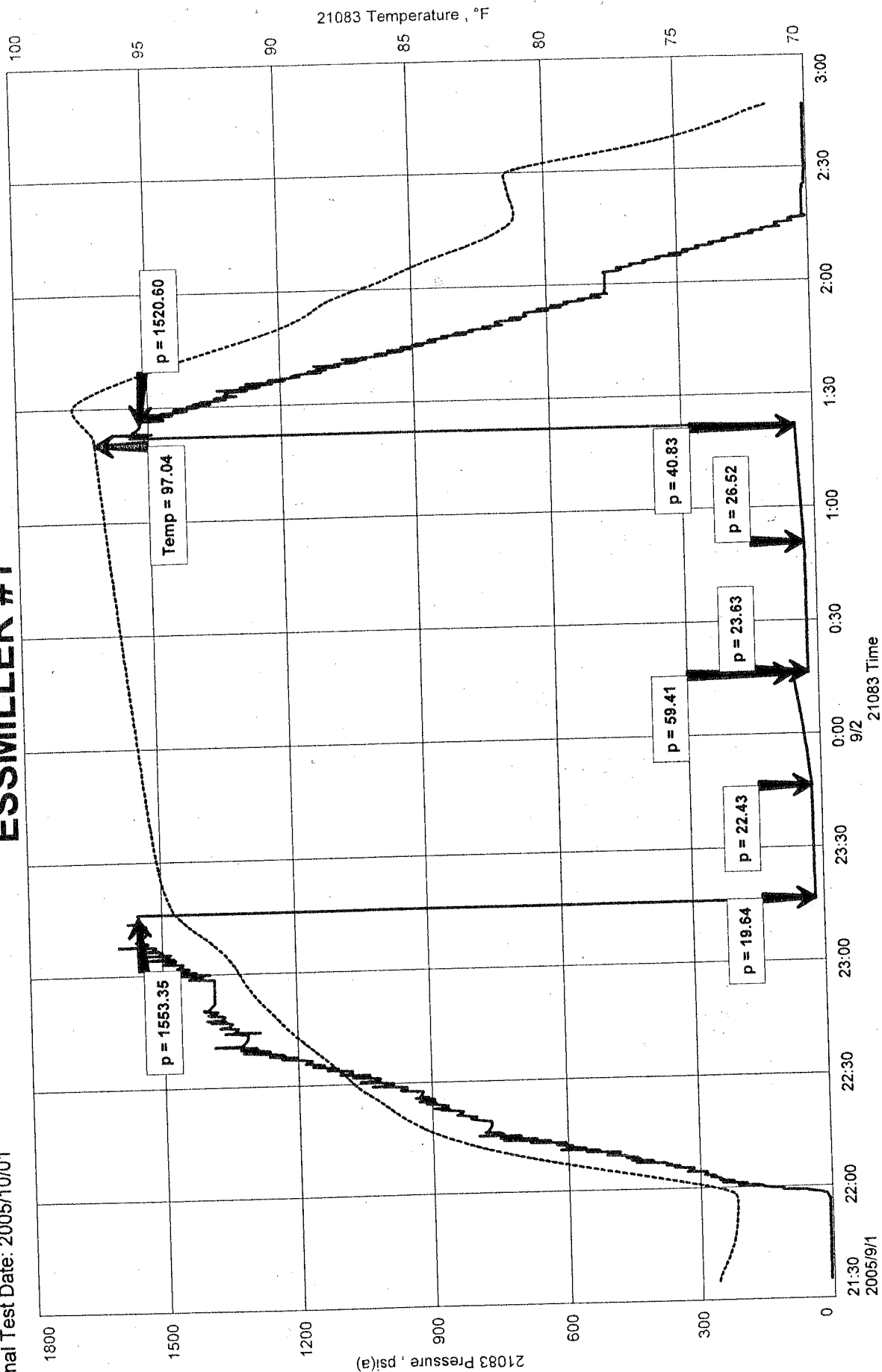
Remarks:

RECOVERY: 15' OIL SPECKED DRILLING MUD

GLOBE OPERATING INC
DST #1 3216-3278
Start Test Date: 2005/09/30
Final Test Date: 2005/10/01

ESSMILLER #1
Formation: LKC
Job Number: D157

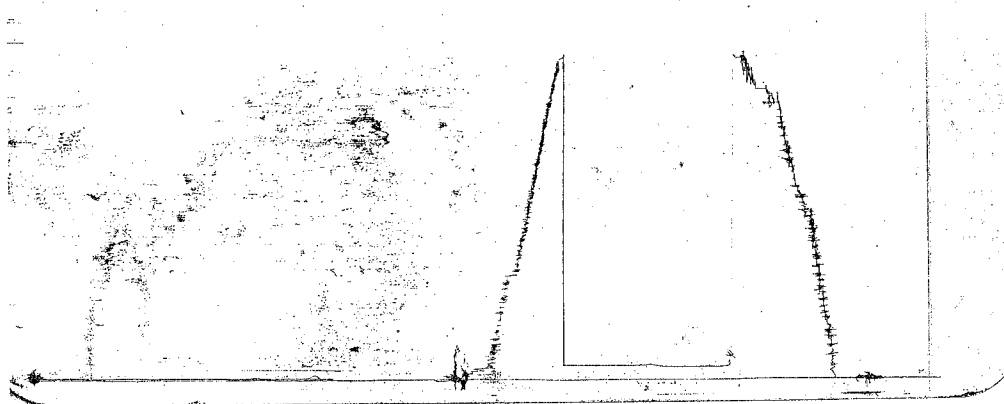
ESSMILLER #1



GLOBE
BBSMILLON #1

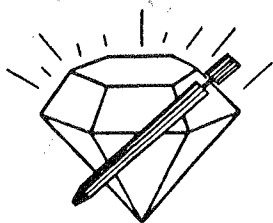
DST # J

RSC #10017
OUTSIDE
LOC 3275



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1553	1553	PSI
(B) First Initial Flow Pressure.....	20	20	PSI
(C) First Final Flow Pressure	22	22	PSI
(D) Initial Closed-in Pressure	59	59	PSI
(E) Second Initial Flow Pressure	24	24	PSI
(F) Second Final Flow Pressure.....	27	27	PSI
(G) Final Closed-in Pressure.....	41	41	PSI
(H) Final Hydrostatic Mud	1521	1521	PSI



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STC 21083.D158

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Company Globe Operating, Inc. Lease & Well No. Essmiller No. 1
Elevation 1880GL Formation Lansing/Kansas City Effective Pay -- Ft. Ticket No. J1748
Date 10-1-05 Sec. 15 Twp. 19S Range 14W County Barton State Kansas
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,336 ft. to 3,420 ft. Total Depth 3,420 ft.

Packer Depth 3,331 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,336 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,339 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,417 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Discovery Drilling - Rig 2 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.4 cc. Drill Pipe Length 3,286 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 84 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. Dead in 25 mins.

2nd Open: No blow.

Recovered 20 ft. of oil specked drilling mud = .098400 bbls.

Recovered -- ft. of

Recovered -- ft. of

Recovered -- ft. of

Recovered -- ft. of

Remarks

Time Set Packer(s) 6:00 ~~AM~~ P.M. Time Started Off Bottom 8:00 ~~AM~~ P.M. Maximum Temperature 99°

Initial Hydrostatic Pressure (A) 1646 P.S.I.

Initial Flow Period Minutes 30 (B) 22 P.S.I. to (C) 25 P.S.I.

Initial Closed In Period Minutes 30 (D) 34 P.S.I.

Final Flow Period Minutes 30 (E) 25 P.S.I. to (F) 27 P.S.I.

Final Closed In Period Minutes 30 (G) 31 P.S.I.

Final Hydrostatic Pressure (H) 1602 P.S.I.

GENERAL INFORMATION

Client Information:

Company: GLOBE OPERATING INC

Contact: RICHARD STALCUP

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: ESSMILLER #1

Operator: GLOBE OPERATING INC

Location-Downhole: DST #2 3336-3420

Location-Surface: S15/19S/14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D158

Test Unit: 2

Start Date: 2005/10/01

Start Time: 16:43:00

End Date: 2005/10/01

End Time: 21:00:00

Report Date: 2005/10/01

Prepared By: JOHN RIEDL

Qualified By: JIM MUSGROVE

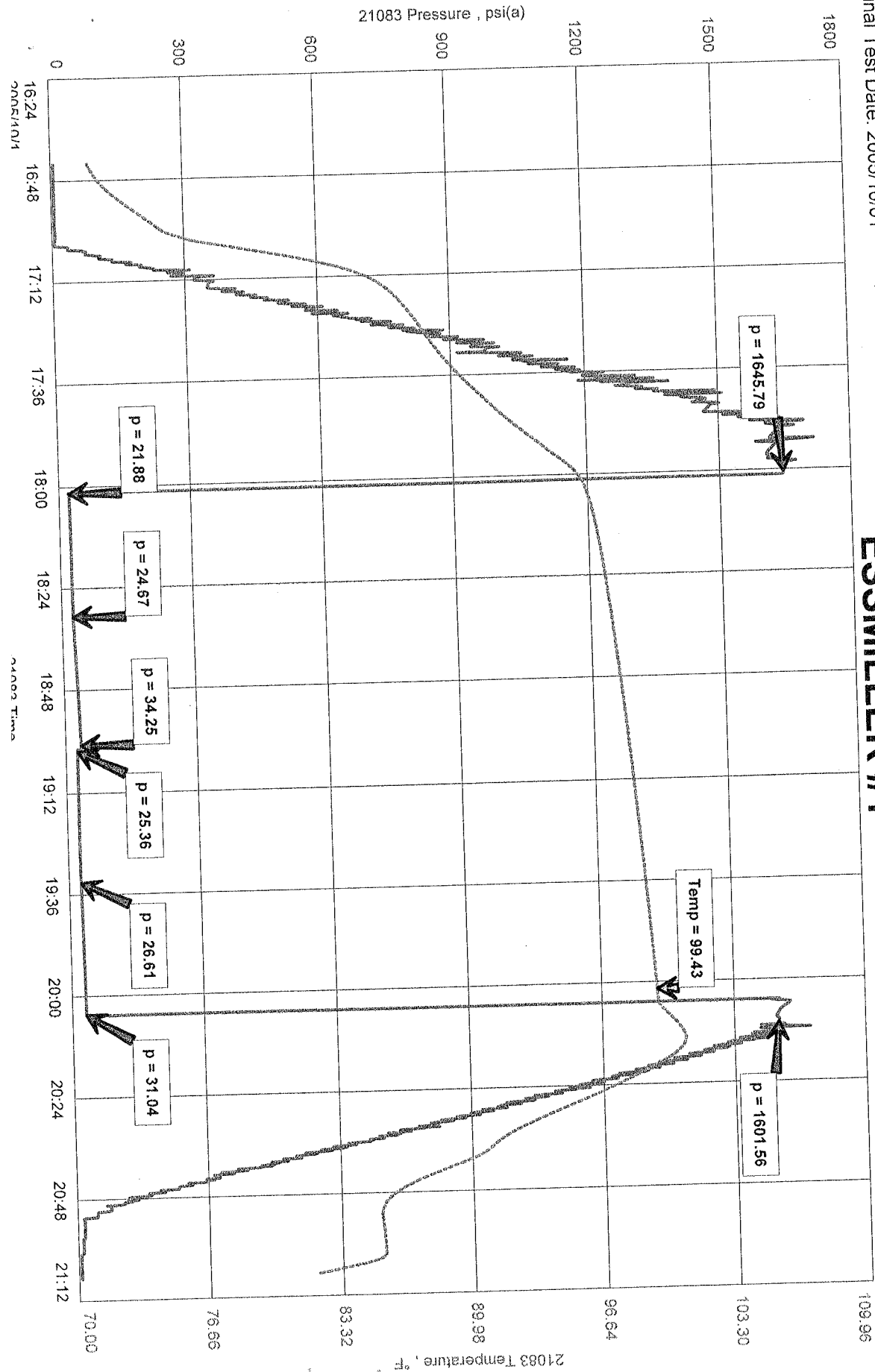
Remarks:

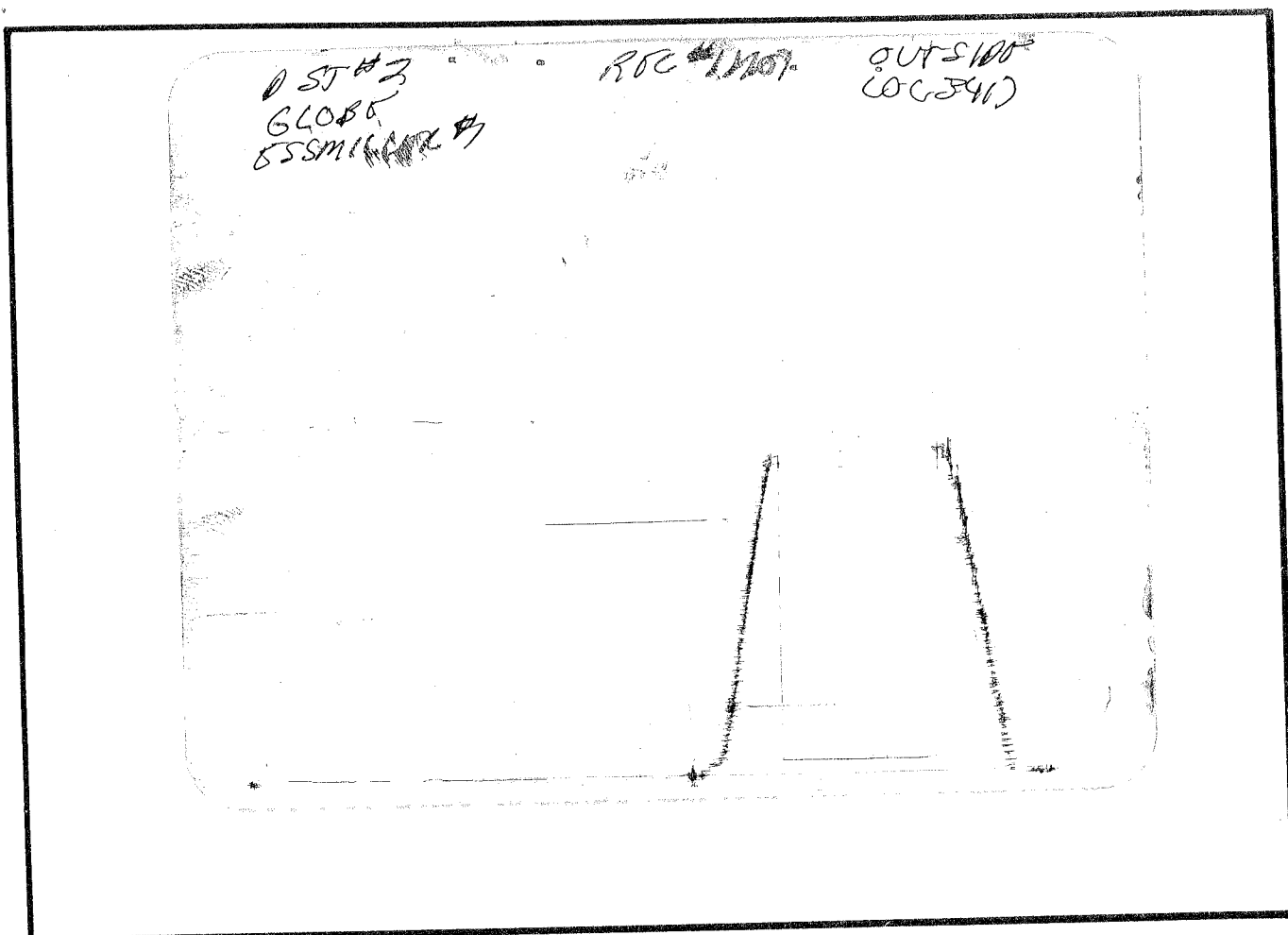
REC: 20' OIL SPECKED DRILLING MUD

SLOBE OPERATING INC
OST #2 3336 TO 3420
Start Test Date: 2005/10/01
Final Test Date: 2005/10/01

ESSMILLER #1
Formation: LKC
Job Number: D158

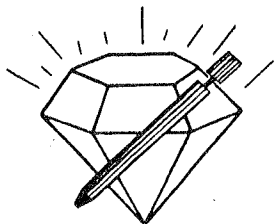
ESSMILLER #1





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1646	1646
(B) First Initial Flow Pressure	22	22
(C) First Final Flow Pressure	25	25
(D) Initial Closed-in Pressure	34	34
(E) Second Initial Flow Pressure	25	25
(F) Second Final Flow Pressure	27	27
(G) Final Closed-in Pressure	31	31
(H) Final Hydrostatic Mud	1602	1602



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STC 21083.D159

Page 1 of 2 Pages

Company Globe Operating, Inc. Lease & Well No. Essmiller No. 1

Elevation 1880GL Formation Conglomerate Sand Effective Pay -- Ft. Ticket No. J1749

Date 10-2-05 Sec. 15 Twp. 19S Range 14W County Barton State Kansas

Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,429 ft. to 3,490 ft. Total Depth 3,490 ft.

Packer Depth 3,424 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,429 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,432 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,487 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Discovery Drilling - Rig 2 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.4 cc. Drill Pipe Length 3,379 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 61 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. Off bottom of bucket in 3 mins. 1 in. blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 20 mins. 1 in. blow back during shut-in.

Recovered 200 ft. of heavy water cut mud = 2.840000 bbls.

Recovered 250 ft. of water = 3.271600 bbls. (Chlorides: 26,000 Ppm)

Recovered 450 ft. of TOTAL FLUID = 6.111600 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 9:00 A.M. Time Started Off Bottom 11:30 P.M. Maximum Temperature 106°

Initial Hydrostatic Pressure (A) 1654 P.S.I.

Initial Flow Period Minutes 30 (B) 67 P.S.I. to (C) 174 P.S.I.

Initial Closed In Period Minutes 45 (D) 393 P.S.I.

Final Flow Period Minutes 30 (E) 180 P.S.I. to (F) 231 P.S.I.

Final Closed In Period Minutes 45 (G) 381 P.S.I.

Final Hydrostatic Pressure (H) 1642 P.S.I.

GENERAL INFORMATION

Client Information:

Company: GLOBE OPERATING INC

Contact: RICHARD STALCUP

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: ESSMILLER #1

Operator: GLOBE OPERATING INC

Location-Downhole: DST #3 3429 TO 3490

Location-Surface: S15/19S/14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D159

Test Unit: 2

Start Date: 2005/10/02

Start Time: 07:35:00

End Date: 2005/10/02

End Time: 13:30:00

Report Date: 2005/10/01

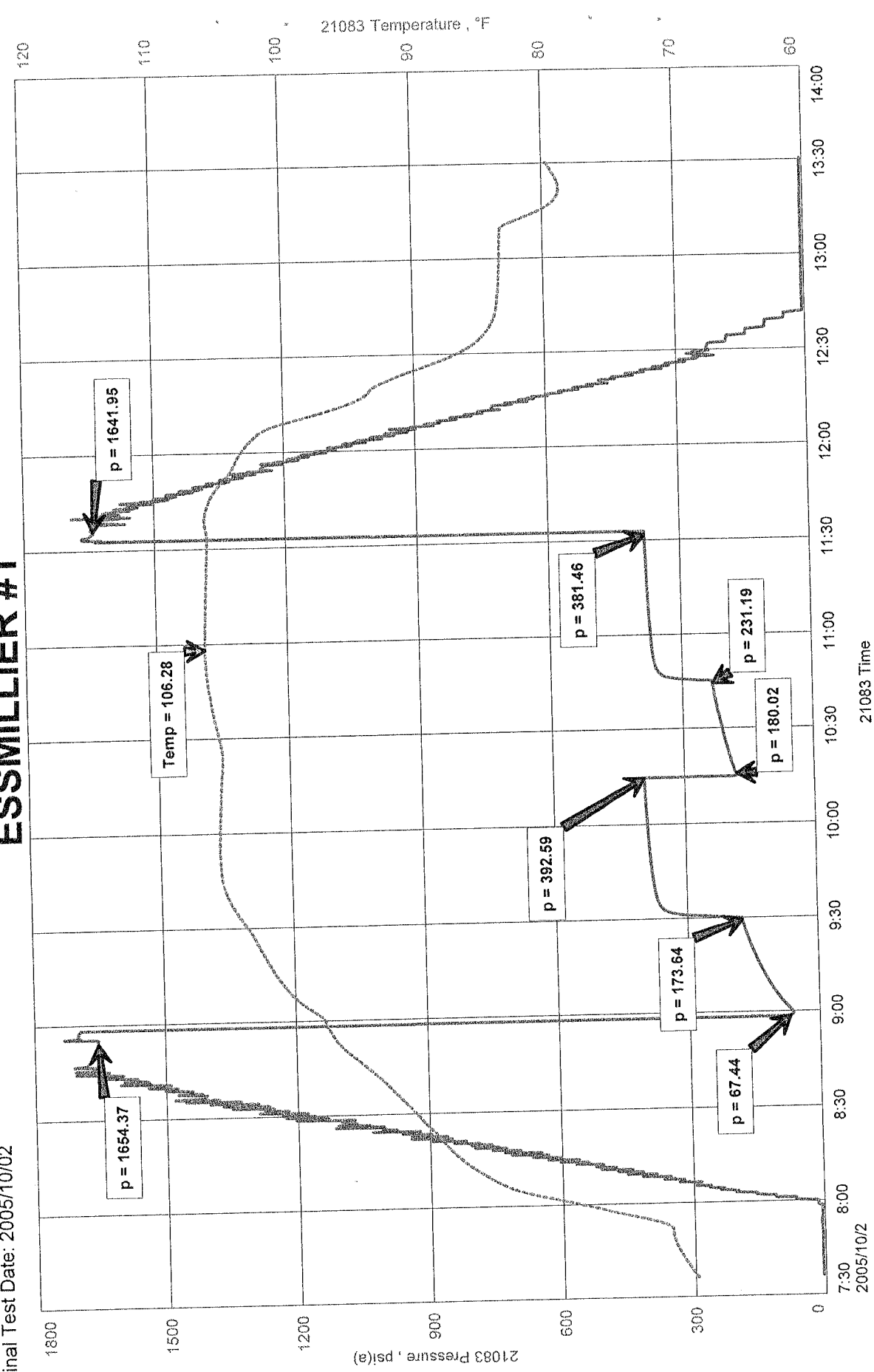
Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 200' HVY WCM
250' WATER (26,000Ppm CHLORIDES)
TOTAL FLUID REC. 450'

ESMILLIER #1



GLOBE
555MICLOS F,

PSF#3

ROC#11017
OUTSIDE
LOC 3487



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1654	1654
(B) First Initial Flow Pressure.....	67	67
(C) First Final Flow Pressure	174	174
(D) Initial Closed-in Pressure	393	393
(E) Second Initial Flow Pressure	180	180
(F) Second Final Flow Pressure.....	231	231
(G) Final Closed-in Pressure.....	381	381
(H) Final Hydrostatic Mud.....	1642	1642