

15-025-21419

RECEIVED
KANSAS CORPORATION COMMISSION

17-315-21w

DIAMOND TESTING

P.O. Box 157

OCT 02 2007

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313 WICHITA, KS

STC 30035.D 456

Page 1 of 2 Pages

Company Falcon Exploration, Inc. Lease & Well No. R. Shrauner #1-17 (NE)

Elevation 2225KB Formation Morrow Effective Pay -- Ft. Ticket No. 2339

Date 7-07-07 Sec. 17 Twp. 31S Range 21W County Clark State Kansas

Test Approved By Keith Reavis Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 5,216 ft. to 5,292 ft. Total Depth 5,292 ft.

Packer Depth 5,211 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 5,216 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 5,197 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 5,289 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor Val Energy, Inc. - Rig 2 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 5,184 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number No. 1 Anchor Length 44' perf. w/32' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out Yes 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 30 secs. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 30 secs. Weak, 1/2 in., blow back during shut-in.

Recovered 179 ft. of gas cut watery mud = 2.541800 bbls. (Grind out: 10%-gas; 34%-water; 56%-mud with a few oil specks)

Recovered 315 ft. of slightly oil & gas cut watery mud = 4.473000 bbls. (Grind out: 1%-oil; 12%-gas; 34%-water; 53%-mud)

Recovered 189 ft. of slightly oil & gas cut muddy water = 2.683800 bbls. (Grind out: 1%-oil; 20%-gas; 35%-mud; 44%-water)

Recovered 2,337 ft. of circulated out = 33.185400 bbls. (Grind out: 1%-mud; 99%-water with a scum of oil)

Recovered 630 ft. of salt water = 8.946000 bbls. (Grind out: 100%-water) Chlorides: 112,000 Ppm

Recovered 3,650 ft. of TOTAL FLUID = 51.830000 bbls.

Remarks Tool Sample Grind Out: 2%-oil; 98%-water

Time Set Packer(s) 4:25 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:45 ~~P.M.~~ ^{A.M.} Maximum Temperature 124°

Initial Hydrostatic Pressure (A) 2493 P.S.I.

Initial Flow Period Minutes 5 (B) 980 P.S.I. to (C) 1182 P.S.I.

Initial Closed In Period Minutes 90 (D) 1759 P.S.I.

Final Flow Period Minutes 75 (E) 1267 P.S.I. to (F) 1753 P.S.I.

Final Closed In Period Minutes 150 (G) 1760 P.S.I.

Final Hydrostatic Pressure (H) 2457 P.S.I.

GENERAL INFORMATION

Client Information:

Company: FALCON EXPLORATION, INC.

Contact: MIKE MITCHELL

Phone: Fax: e-mail:

Site Information:

Contact: KEITH REAVIS

Phone: Fax: e-mail:

Well Information:

Name: R. SHRAUNER #1-17(NE)

Operator: FALCON EXPLORATION, INC.

Location-Downhole: DST #1 MORROW 5,216' - 5,292'

Location-Surface: SEC 17-31S-21W CLARK COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEITH REAVIS

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/07/07

Start Time: 00:09:00

End Date: 2007/07/07

End Time: 15:12:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 179' GCWM 10% GAS, 34% WTR, 56% MUD - FEW OIL SPECKS
315' SLTO&GCWM 1% OIL, 12% GAS, 34% WTR, 53% MUD
189' SLTO&GCMW 1% OIL, 20% GAS, 35% MUD, 44% WTR
2,337' CIRCULATED OUT. 1% MUD, 99% WTR SCUM OF OIL
630' SW 100% WTR CHLORIDES 112,000 Ppm
3,650' TOTAL FLUID
TOOL SAMPLE: 2% OIL, 98% WTR

FALCON EXPLORATION, INC.

DST #1 MORROW 5,216' - 5,292'

Start Test Date: 2007/07/07

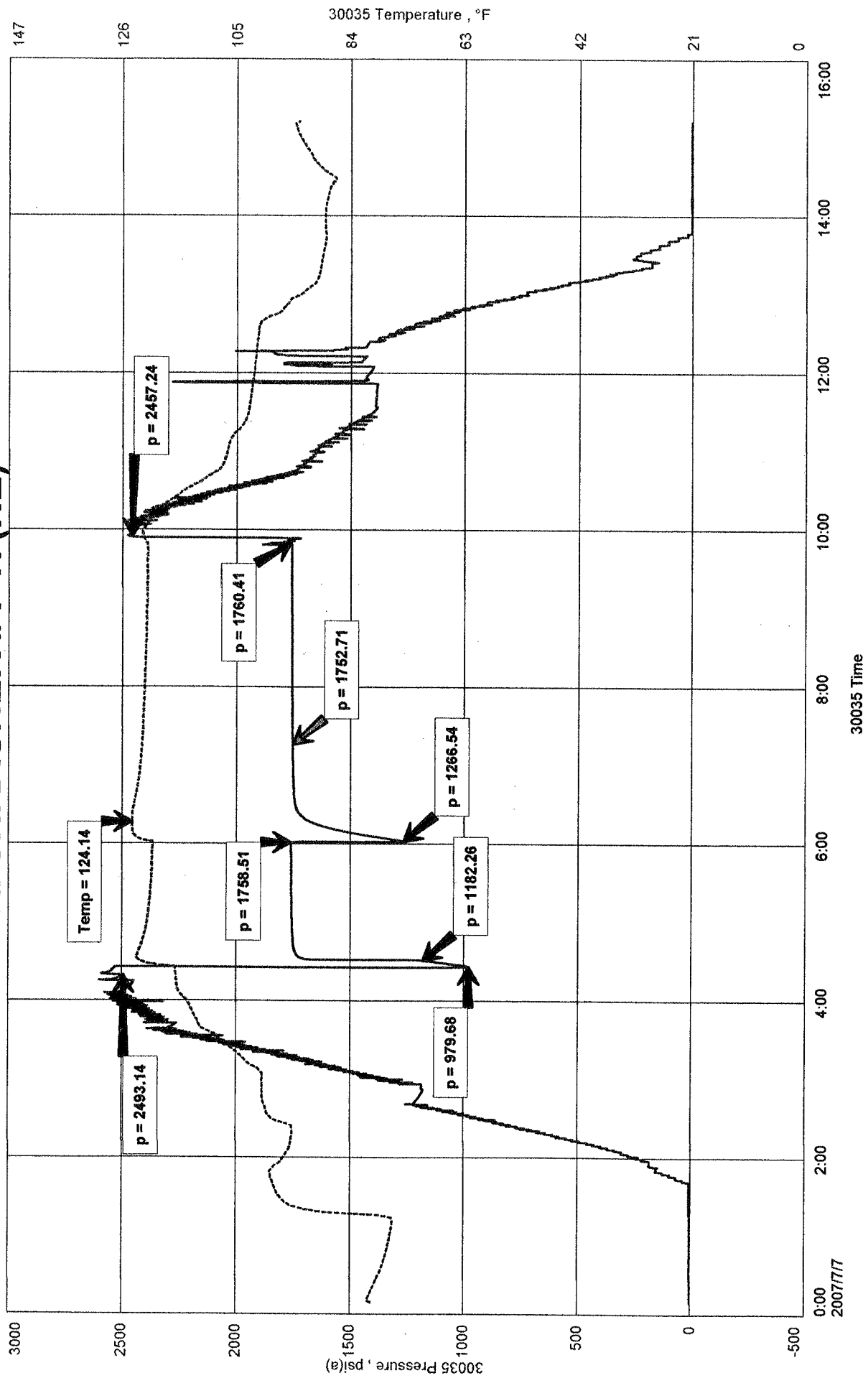
Final Test Date: 2007/07/07

R. SHRAUNER #1-17(NE)

Formation: DST #1 MORROW 5,216' - 5,292'

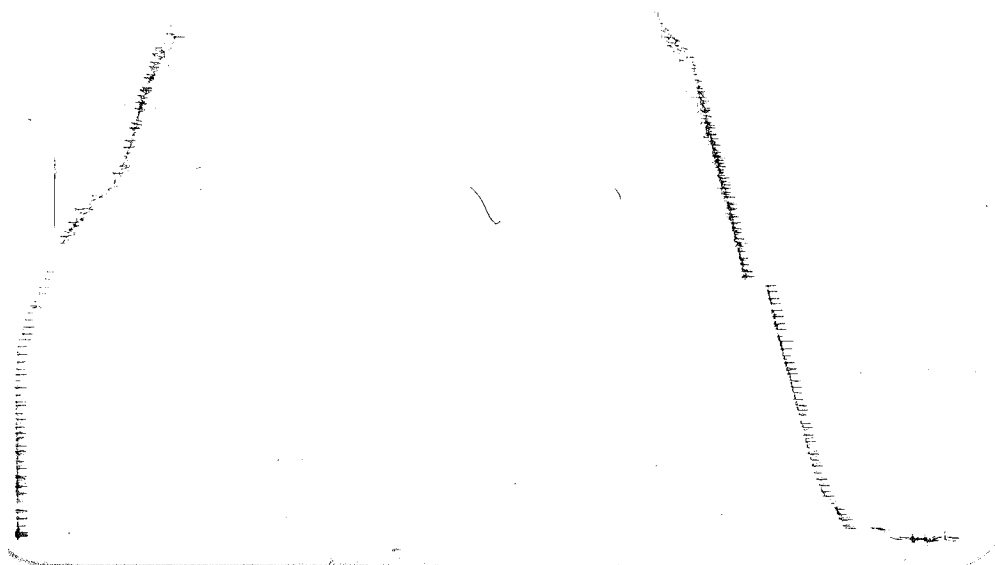
Pool: WILDCAT

R. SHRAUNER #1-17(NE)



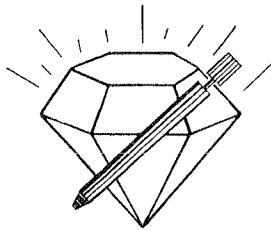
DST #1 Outside 15387
Morrow

5216-5292
LOC 5289



This is an actual photograph of recorder chart.

POINT	PRESSURE		El.ec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2493	2493	PSI
(B) First Initial Flow Pressure	980	980	PSI
(C) First Final Flow Pressure	1182	1182	PSI
(D) Initial Closed-in Pressure	1759	1759	PSI
(E) Second Initial Flow Pressure	1267	1267	PSI
(F) Second Final Flow Pressure	1753	1753	PSI
(G) Final Closed-in Pressure	1760	1760	PSI
(H) Final Hydrostatic Mud	2457	2457	PSI



OCT 02 2007

CONSERVATION DIVISION
WICHITA, KS

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D 457

Page 1 of 2 Pages

Company Falcon Exploration, Inc. Lease & Well No. R. Shrauner #1-17 (NE)

Elevation 2225KB Formation Mississippi Effective Pay -- Ft. Ticket No. 2340

Date 7-08-07 Sec. 17 Twp. 31S Range 21W County Clark State Kansas

Test Approved By Keith Reavis Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 5,312 ft. to 5,339 ft. Total Depth 5,339 ft.

Packer Depth 5,307 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 5,312 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 5,293 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 5,336 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor Val Energy, Inc. - Rig 2 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 5,280 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number No. 1 Anchor Length 27 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 30 secs. No blow back during shut-in.

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

Recovered 1,575 ft. of gas in pipe

Recovered 5 ft. of clean gassy oil = .071000 bbls. (Grind out: 2%-gas; 98%-oil) Gravity: 36.2 @ 60°

Recovered 84 ft. of slightly water & gas cut oily mud = 1.192800 bbls. (Grind out: 6%-water; 20%-gas; 22%-oil; 52%-mud)

Recovered 50 ft. of slightly oil cut muddy water = .710000 bbls. (Grind out: 1%-oil; 15%-mud; 84%-water)

Recovered 139 ft. of TOTAL FLUID = 1.973800 bbls. Chlorides: 80,000 Ppm

Remarks Tool Sample Grind Out: 1%-mud; 14%-oil; 85%-water

Time Set Packer(s) 6:06 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 11:26 ~~P.M.~~ ^{A.M.} Maximum Temperature 120°

Initial Hydrostatic Pressure (A) 2484 P.S.I.

Initial Flow Period Minutes 5 (B) 28 P.S.I. to (C) 30 P.S.I.

Initial Closed In Period Minutes 90 (D) 1332 P.S.I.

Final Flow Period Minutes 75 (E) 48 P.S.I. to (F) 73 P.S.I.

Final Closed In Period Minutes 150 (G) 1049 P.S.I.

Final Hydrostatic Pressure (H) 2480 P.S.I.

GENERAL INFORMATION

Client Information:

Company: FALCON EXPLORATION, INC.

Contact: MIKE MITCHELL

Phone: Fax: e-mail:

Site Information:

Contact: KEITH REAVIS

Phone: Fax: e-mail:

Well Information:

Name: R. SHRAUNER #1-17 (NE)

Operator: FALCON EXPLORATION, INC.

Location-Downhole: DST #2 MISSISSIPPI 5,312' - 5,339'

Location-Surface: SEC 17-31S-21W CLARK COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEITH REAVIS

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/07/08

Start Time: 02:07:00

End Date: 2007/07/08

End Time: 14:48:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 1,575' GAS IN PIPE

5' CGO 2% GAS 98% OIL 36.2 GRAVITY @ 60 deg.

84' SLTW&GCOM 6% WTR, 20% GAS, 22% OIL, 52% MUD

50' SLTOCMW 1% OIL, 15% MUD, 84% WTR (CHLORIDES 80,000 Ppm)

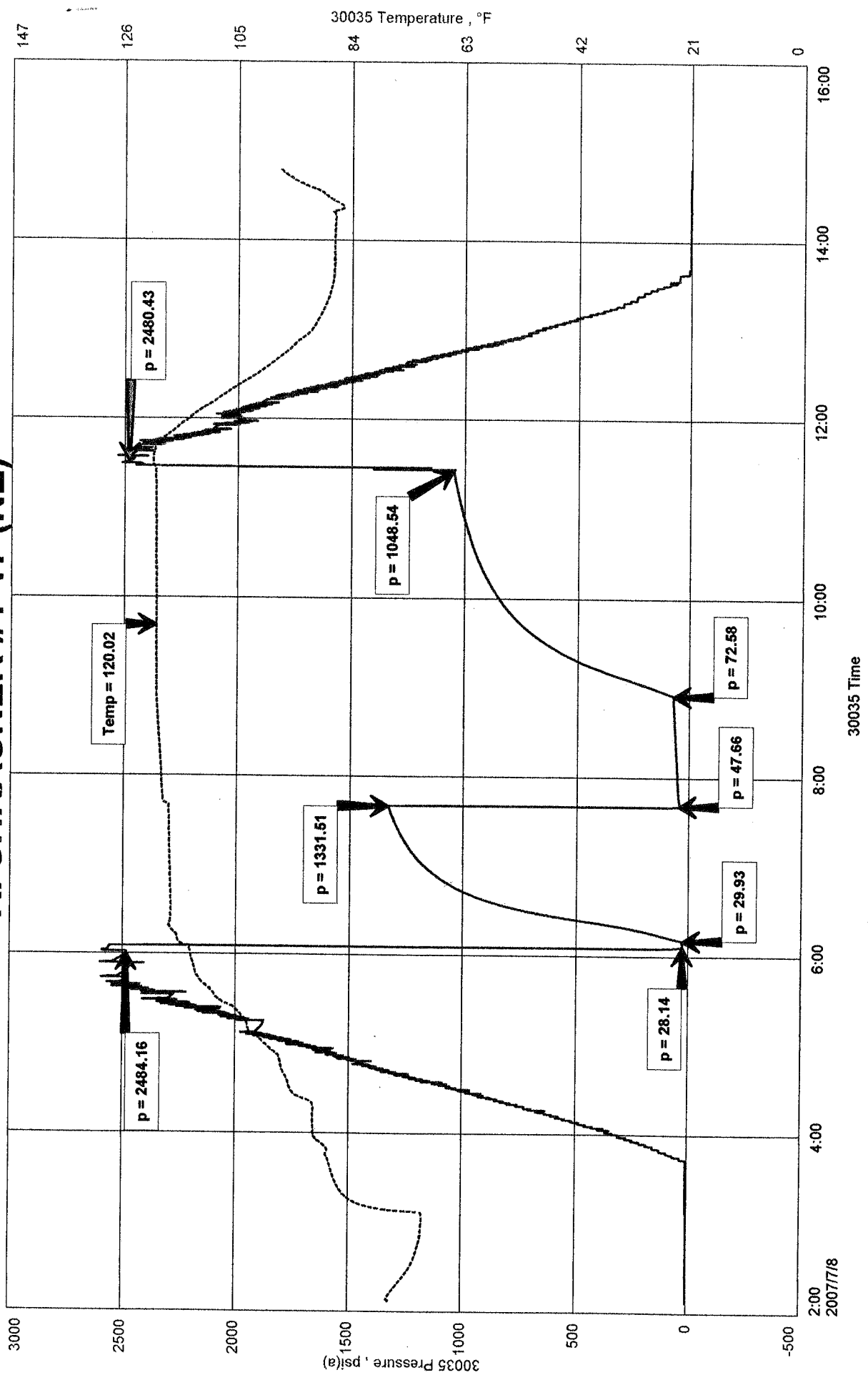
139' TOTAL FLUID

TOOL SAMPLE: 1%MUD, 14% OIL, 85% WTR

FALCON EXPLORATION, INC.
DST #2 MISSISSIPPI 5,312' - 5,339'
Start Test Date: 2007/07/08
Final Test Date: 2007/07/08

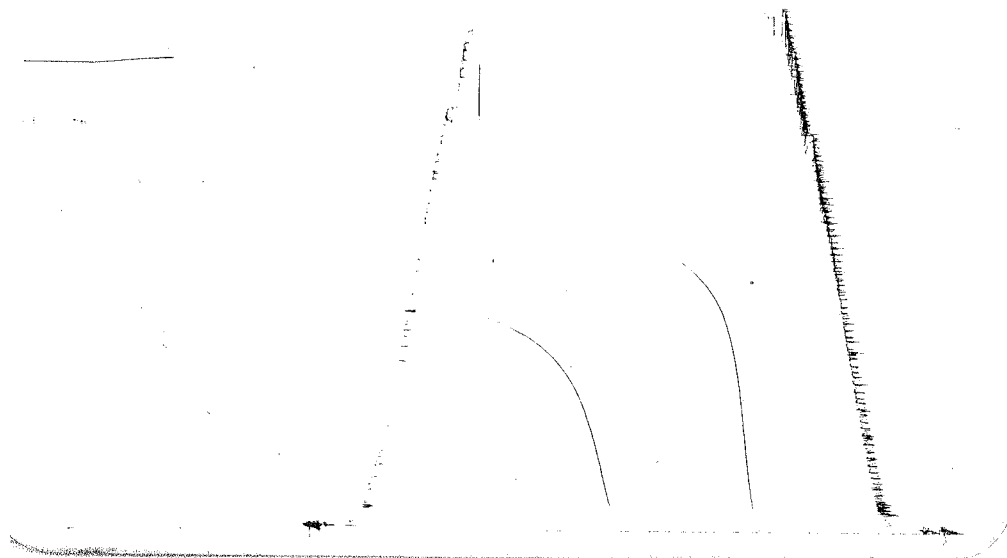
R. SHRAUNER #1-17 (NE)
Formation: DST #2 MISSISSIPPI 5,312' - 5,339'
Pool: WILDCAT

R. SHRAUNER #1-17 (NE)



DST # 2 OUTSIDE 13381
177155

2012-0559
LDC 5332



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2484	2484	PSI
(B) First Initial Flow Pressure	28	28	PSI
(C) First Final Flow Pressure	30	30	PSI
(D) Initial Closed-in Pressure	1332	1332	PSI
(E) Second Initial Flow Pressure	48	48	PSI
(F) Second Final Flow Pressure	73	73	PSI
(G) Final Closed-in Pressure	1049	1049	PSI
(H) Final Hydrostatic Mud	2480	2480	PSI