

15-063-21661

26-13s-30w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D437

Page 1 of 2 Pages

Company Falcon Exploration, Inc. Lease & Well No. Teeter No. 5

Elevation 2825KB Formation Niobira Effective Pay -- Ft. Ticket No. 2320

Date 6-06-07 Sec. 26 Twp. 13S Range 30W County Gove State Kansas

Test Approved By Brian G. Fisher Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 2,246 ft. to 2,290 ft. Total Depth 2,290 ft.

Packer Depth 2,241 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 2,246 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 2,227 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 2,287 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor Val Energy, Inc. - Rig 4 Drill Collar Length 113 ft. I.D. 2 1/4 in.

Mud Type Spot Tank Chemical Viscosity 32 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 40+ cc. Drill Pipe Length 2,101 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 44 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, 1 in., blow increasing to 2 ins. Decreasing in 7 mins to 1 1/2 ins. at end.

2nd Open: N/A

Recovered 20 ft. of slightly watery mud = .098400 bbls. (Grind out: 26%-water [filtrate]; 74%-mud)

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool slid 10'-12'; lost 15'-20' of mud while sliding.

Tool Sample Grind Out: 100%-drilling mud with heavy oil spots & strong gassy odor.

Time Set Packer(s) 11:57 ~~XXX~~ P.M. Time Started Off Bottom 12:35 ~~XXX~~ A.M. Maximum Temperature 97°

Initial Hydrostatic Pressure (A) 1053 P.S.I.

Initial Flow Period 8 Minutes (B) 34 P.S.I. to (C) 32 P.S.I.

Initial Closed In Period 30 Minutes (D) 59 P.S.I.

Final Flow Period -- Minutes (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure (H) 1052 P.S.I.

GENERAL INFORMATION

Client Information:

Company: FALCON EXPLORATION, INC.
Contact: MICHEAL MITCHELL
Phone: Fax: e-mail:

Site Information:

Contact: BRYAN FISHER
Phone: Fax: e-mail:

Well Information:

Name: TEETER #5
Operator: FALCON EXPLORATION, INC.
Location-Downhole: DST #1 NIOBIRA 2,246' - 2,290'
Location-Surface: SEC 26-13S-30W GOVE COUNTY

Test Information:

Company:	DIAMOND TESTING	
Representative:	ROGER D. FRIEDLY	
Supervisor:	BRYAN FISHER	
Test Type:	CONVENTIONAL	Job Number:
Test Unit:	NO. 1	
Start Date:	2007/06/06	Start Time: 21:27:00
End Date:	2007/06/07	End Time: 02:33:00
Report Date:		Prepared By:
<u>Remarks:</u>		Qualified By:

RECOVERED: 20' SLT WM 26% WTR (FILTRATE) 74% MUD

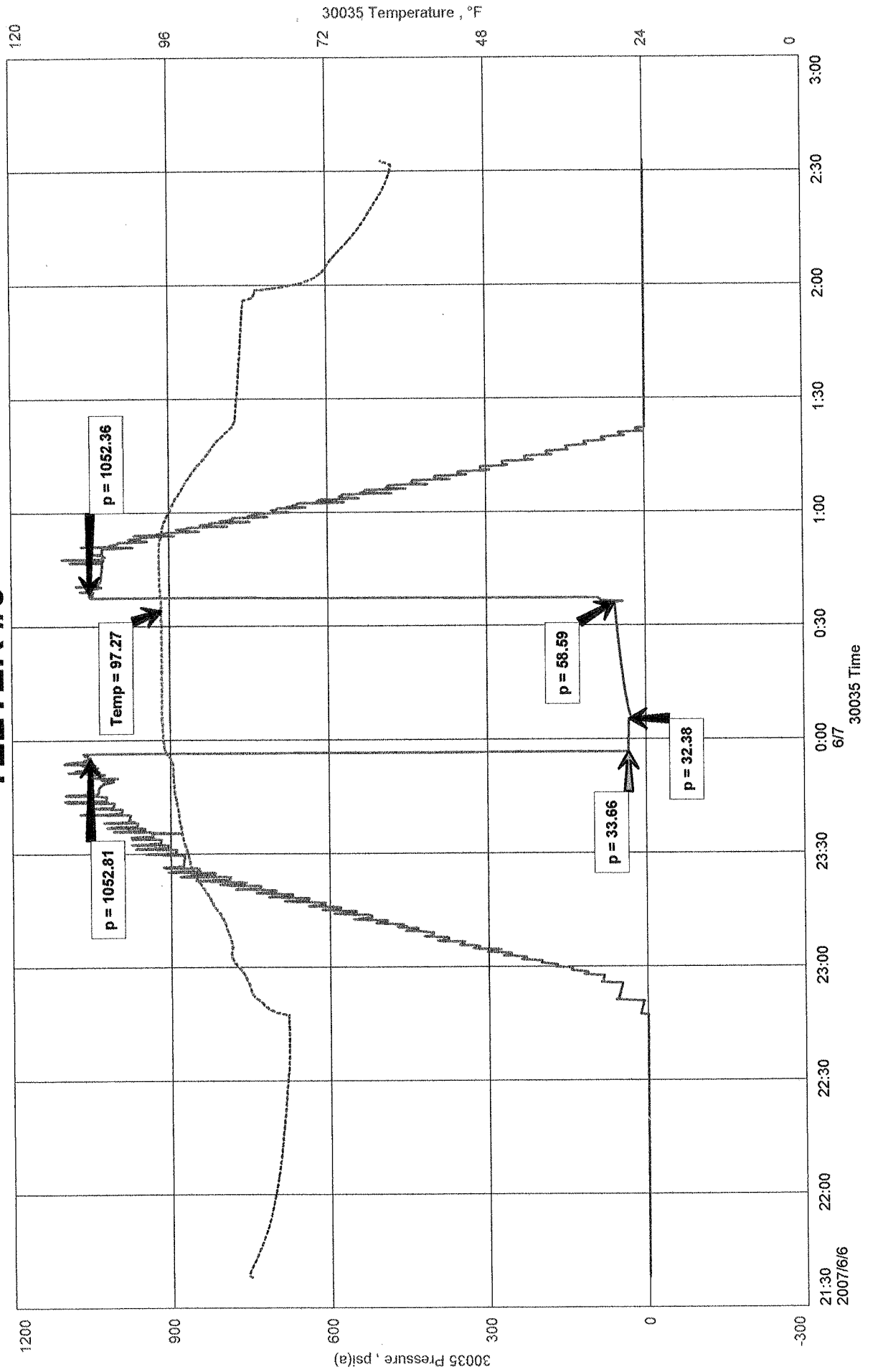
TOOL SAMPLE: 100% DM WITH HEAVY OIL SPOTS AND STRONG GASSY ODOR

TOOL SLID 10'-12' TO BOTTOM - LOST 15'-20' DM ON SLID

FALCON EXPLORATION, INC.
DST #1 NIOBIRA 2,246' - 2,290'
Start Test Date: 2007/06/06
Final Test Date: 2007/06/07

TEETER #5
Formation: DST #1 NIOBIRA 2,246' - 2,290'
Pool: WILDCAT

TEETER #5



DST #1 outside 13387

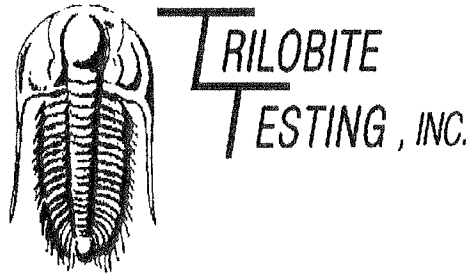
2246 - 2290
LOC 2287

Nidkiva



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1053	1053
(B) First Initial Flow Pressure.....	34	34
(C) First Final Flow Pressure	32	32
(D) Initial Closed-in Pressure	59	59
(E) Second Initial Flow Pressure	--	--
(F) Second Final Flow Pressure.....	--	--
(G) Final Closed-in Pressure.....	--	--
(H) Final Hydrostatic Mud	1052	1052



DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc**

125 N Market Ste 1252
Wichita KS 67202

ATTN: Ted Jochems

26 13S 30W Gove KS

Teeter #5

Start Date: 2007.06.13 @ 09:28:52

End Date: 2007.06.13 @ 17:47:52

Job Ticket #: 27349 DST #: 2

KCC
SEP 10 2007
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

IND

Falcon Exploration Inc

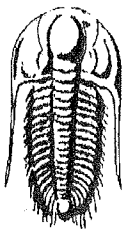
Teeter #5

26 13S 30W Gove KS

DST # 2

Miss.

2007.06.13



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Falcon Exploration Inc

125 N Market Ste 1252
Wichita KS 67202

ATTN: Ted Jochems

Teeter #5

26 13S 30W Gove KS

Job Ticket: 27349

DST#: 2

Test Start: 2007.06.13 @ 09:28:52

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:33:42

Time Test Ended: 17:47:52

Interval: **4412.00 ft (KB) To 4435.00 ft (KB) (TVD)**

Total Depth: 4435.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Reference Elevations: 2821.00 ft (KB)

2816.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8288

Inside

Press@RunDepth: 1065.71 psig @ 4417.00 ft (KB)

Start Date: 2007.06.13

End Date:

2007.06.13

Start Time: 09:29:02

End Time:

17:47:52

Capacity: 5000.00 psig

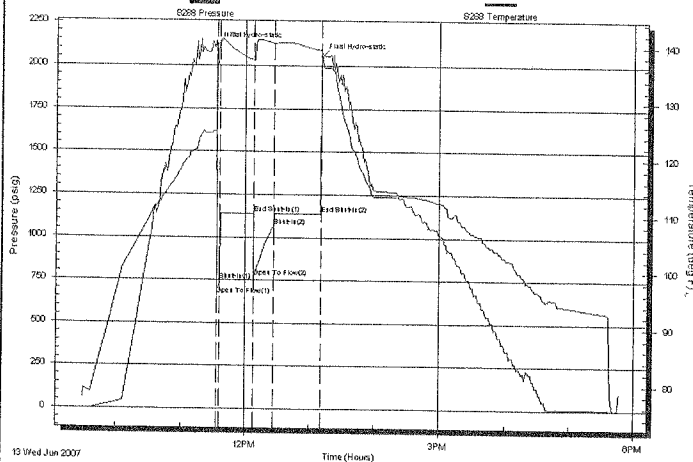
Last Calib.: 1899.12.30

Time On Btm: 2007.06.13 @ 11:33:12

Time Off Btm: 2007.06.13 @ 13:10:32

TEST COMMENT: IF BOB 10 sec. strong building blow
ISI Blow back 30 sec. 3 inches in 15 min.
FF BOB ASAO strong steady blow
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

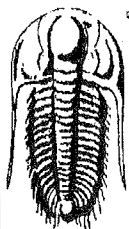
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.81	125.02	Initial Hydro-static
1	662.35	128.95	Open To Flow (1)
4	745.98	140.99	Shut-In(1)
36	1137.84	137.51	End Shut-In(1)
36	768.84	137.35	Open To Flow (2)
54	1065.71	140.49	Shut-In(2)
98	1138.29	139.28	End Shut-In(2)
98	2052.73	139.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2666.00	Gassy Oil 10%G 90%O	37.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Inc

125 N Market Ste 1252 Wichita KS 67202

ATTN: Ted Jochems

Teeter #5

26 13S 30W Gove KS

Job Ticket: 27349

DST#: 2

Test Start: 2007.06.13 @ 09:28:52

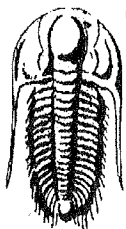
Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.80 inches	Volume: 61.87 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 61.87 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	4412.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4385.00	
Shut In Tool	5.00			4390.00	
Hydraulic tool	5.00			4395.00	
Jars	5.00			4400.00	
Safety Joint	3.00			4403.00	
Packer	5.00			4408.00	28.00 Bottom Of Top Packer
Packer	4.00			4412.00	
Stubb	1.00			4413.00	
Perforations	4.00			4417.00	
Recorder	0.00	8288	Inside	4417.00	
Perforations	15.00			4432.00	
Recorder	0.00	13630	Inside	4432.00	
Bullnose	3.00			4435.00	23.00 Bottom Packers & Anchor

Total Tool Length: 51.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Inc

Teeter #5

125 N Market Ste 1252 Wichita KS 67202

26 13S 30W Gove KS

Job Ticket: 27349

DST#: 2

ATTN: Ted Jochems

Test Start: 2007.06.13 @ 09:28:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2666.00	Gassy Oil 10%G 90%O	37.397

Total Length: 2666.00 ft Total Volume: 37.397 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=32@72F=31

Pressure vs. Time

