

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co inc

16-9s-28w Sheridan

1532 S Peoria
Tulsa OK 74120+6202

Pratt #1-16

Job Ticket: 47349

DST#:1

ATTN: Pat Deenihan

Test Start: 2012.06.11 @ 18:16:05

GENERAL INFORMATION:

Formation: **Tor, Ls "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:24:30

Time Test Ended: 01:09:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Andy Carreira

Unit No: 39

Interval: **3842.00 ft (KB) To 3900.00 ft (KB) (TVD)**

Total Depth: 3900.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2747.00 ft (KB)

2737.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8372

Press@RunDepth: 21.39 psig @ 3849.00 ft (KB)

Start Date: 2012.06.11

End Date:

2012.06.12

Capacity: 8000.00 psig

Last Calib.: 2012.06.12

Start Time: 18:16:05

End Time:

01:09:09

Time On Btm: 2012.06.11 @ 21:24:00

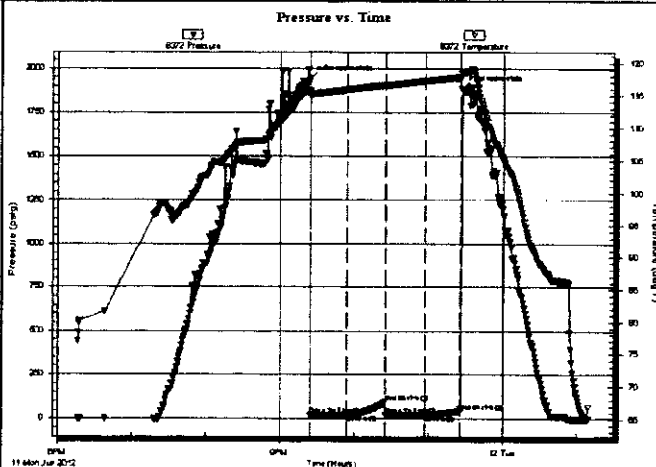
Time Off Btm: 2012.06.11 @ 23:26:20

TEST COMMENT: IF:(30min) Blow died in 2 min.

ISL(30min) No Return

FF:(30min) No Blow

FSL(30min) No Return



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1941.20	115.69	Initial Hydro-static
1	19.95	114.94	Open To Flow (1)
31	21.16	115.86	Shut-In(1)
61	94.55	116.58	End Shut-In(1)
62	21.17	116.55	Open To Flow (2)
93	21.39	117.22	Shut-In(2)
122	41.42	117.77	End Shut-In(2)
123	1884.00	118.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w/ oil spks in tool	0.03

Gas Rates

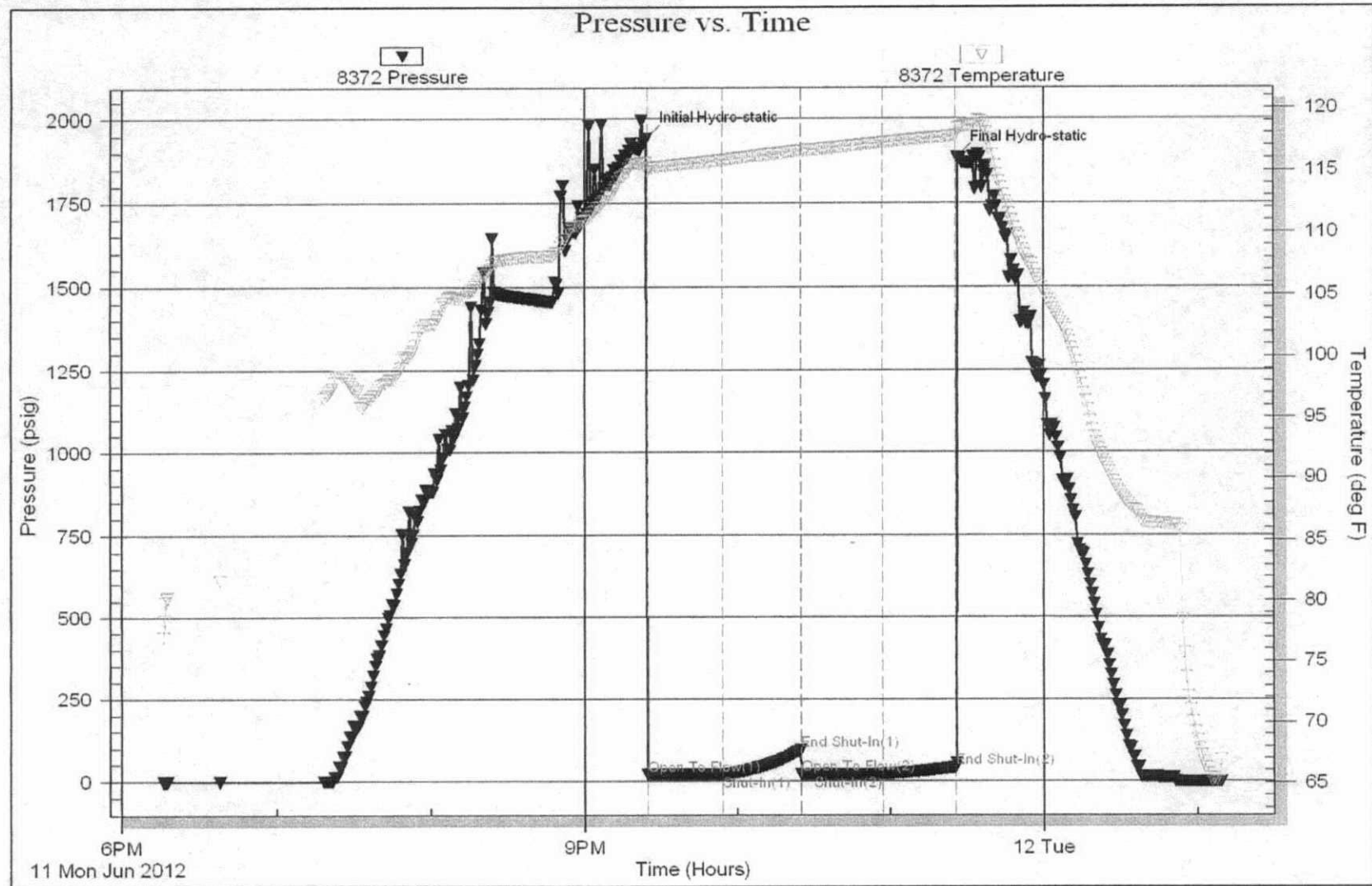
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Serial #: 8372

Culbreath Oil & Gas Co inc

Pratt #1-16

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co inc

1532 S Peoria
Tulsa OK 74120+6202

ATTN: Pat Deenihan

16-9s-28w Sheridan

Pratt #1-16

Job Ticket: 47350

DST#: 2

Test Start: 2012.06.12 @ 09:20:05

GENERAL INFORMATION:

Formation: **Lans "B&D"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 11:10:20

Time Test Ended: 14:34:39

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Andy Carreira**

Unit No: **39**

Interval: **3898.00 ft (KB) To 3939.00 ft (KB) (TVD)**

Total Depth: **3939.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2747.00 ft (KB)**

2737.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8372

Press@RunDepth: **26.23 psig @ 3903.00 ft (KB)**

Start Date: **2012.06.12**

End Date:

2012.06.12

Capacity: **8000.00 psig**

Last Calib.:

2012.06.12

Start Time: **09:20:05**

End Time:

14:34:39

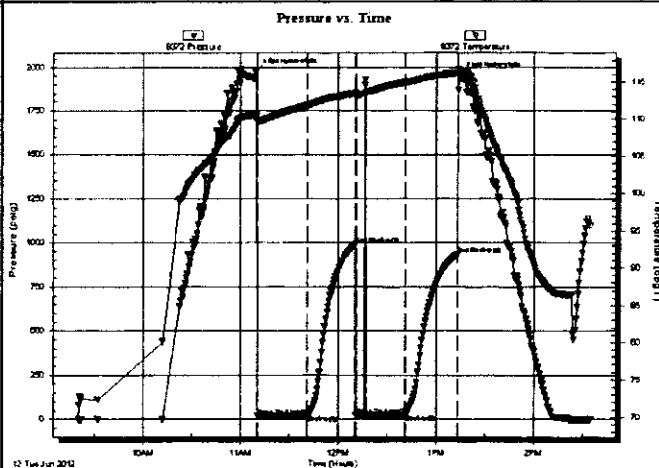
Time On Btm:

2012.06.12 @ 11:09:10

Time Off Btm:

2012.06.12 @ 13:14:10

TEST COMMENT: F:(30min) Blow died in 2 min.
IS:(30min) No Return
FF:(30min) No blow, Flushed Tool, Surge, No blow
FS:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1977.92	110.52	Initial Hydro-static
2	19.59	109.65	Open To Flow (1)
32	22.35	111.81	Shut-in (1)
62	994.30	113.49	End Shut-in (1)
62	22.25	112.88	Open To Flow (2)
92	26.23	114.96	Shut-in (2)
124	935.45	116.26	End Shut-in (2)
126	1955.93	116.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OSM	0.21

* Recovery from multiple tests

Gas Rates

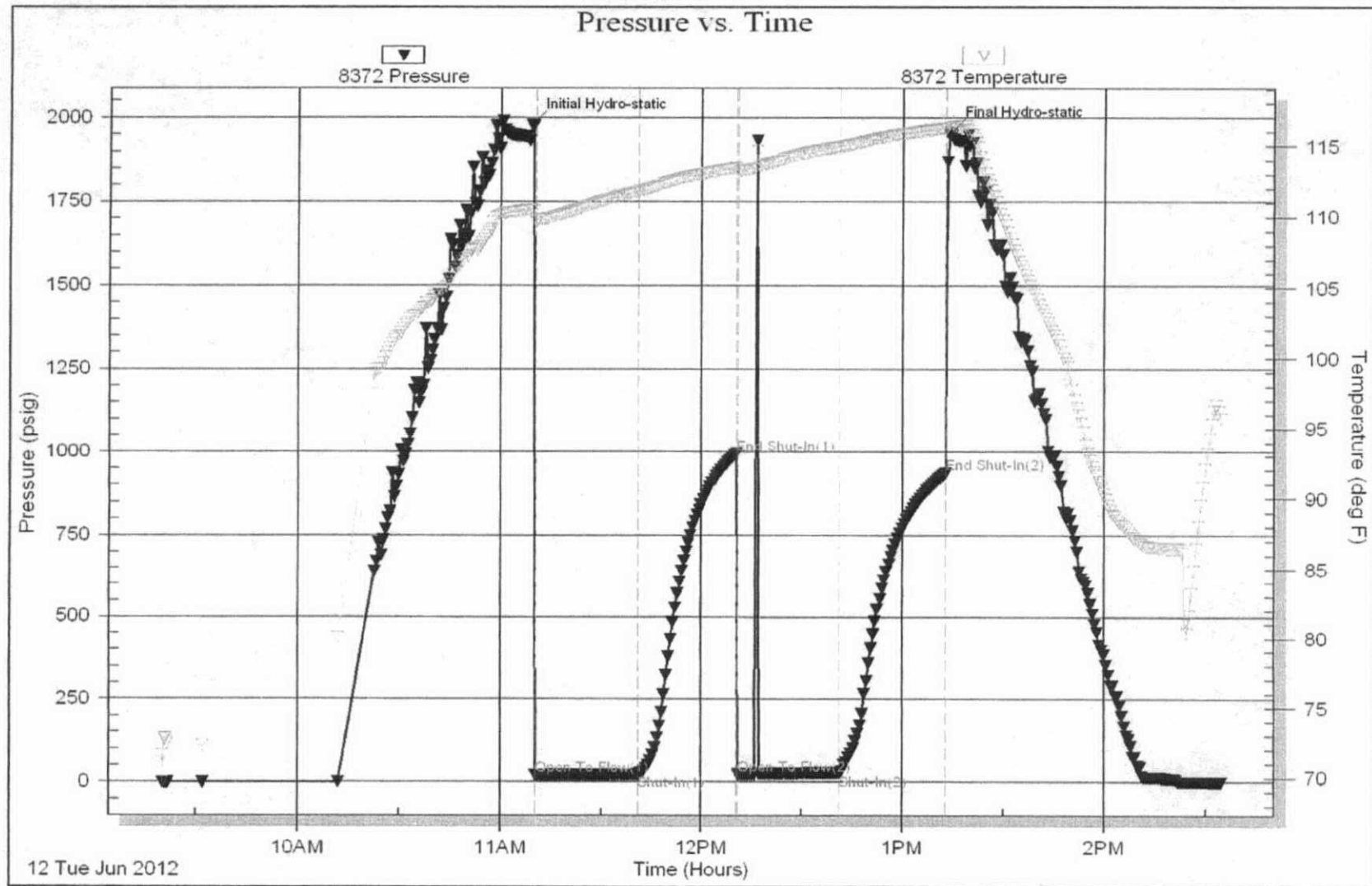
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Serial #: 8372

Culbreath Oil & Gas Co Inc

Pratt #1-16

DST Test Number: 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co inc

16-9s-28w Sheridan

1532 S Peoria
Tulsa OK 74120+6202

Pratt #1-16

Job Ticket: 46876

DST#: 3

ATTN: Pat Deenihan

Test Start: 2012.06.12 @ 21:52:05

GENERAL INFORMATION:

Formation: **LKC"E&F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:48:40

Time Test Ended: 05:19:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 39

Interval: **3932.00 ft (KB) To 3965.00 ft (KB) (TVD)**

Total Depth: 3965.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2747.00 ft (KB)

2737.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8372

Press@RunDepth: 82.80 psig @ 3933.00 ft (KB)

Start Date: 2012.06.12

End Date:

2012.06.13

Capacity: 8000.00 psig

Last Calib.: 2012.06.13

Start Time: 21:52:05

End Time:

05:19:39

Time On Btm: 2012.06.12 @ 23:48:00

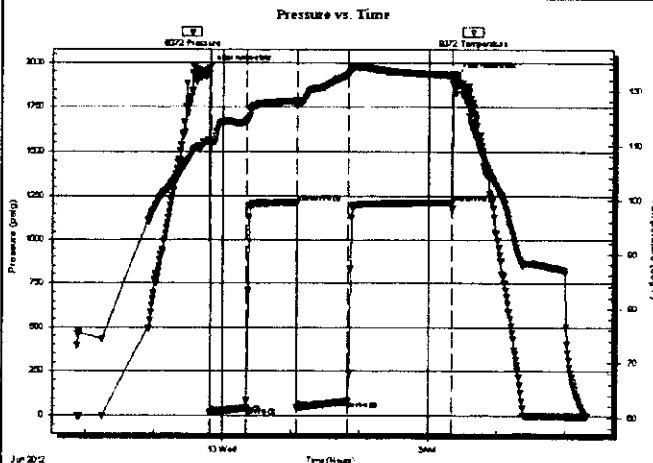
Time Off Btm: 2012.06.13 @ 03:23:59

TEST COMMENT: IF:(30min) Slow building blow, built to 1.5"

ISl:(45min) No Return

FF:(45min) 1.5" blow

FSl:(90min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1967.99	111.04	Initial Hydro-static
1	17.48	110.14	Open To Flow (1)
33	44.74	114.37	Shut-In(1)
77	1212.53	118.15	End Shut-In(1)
77	46.95	117.56	Open To Flow (2)
122	82.80	122.95	Shut-In(2)
213	1211.66	122.91	End Shut-In(2)
216	1925.22	121.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	MW	1.96

* Recovery from multiple tests

Gas Rates

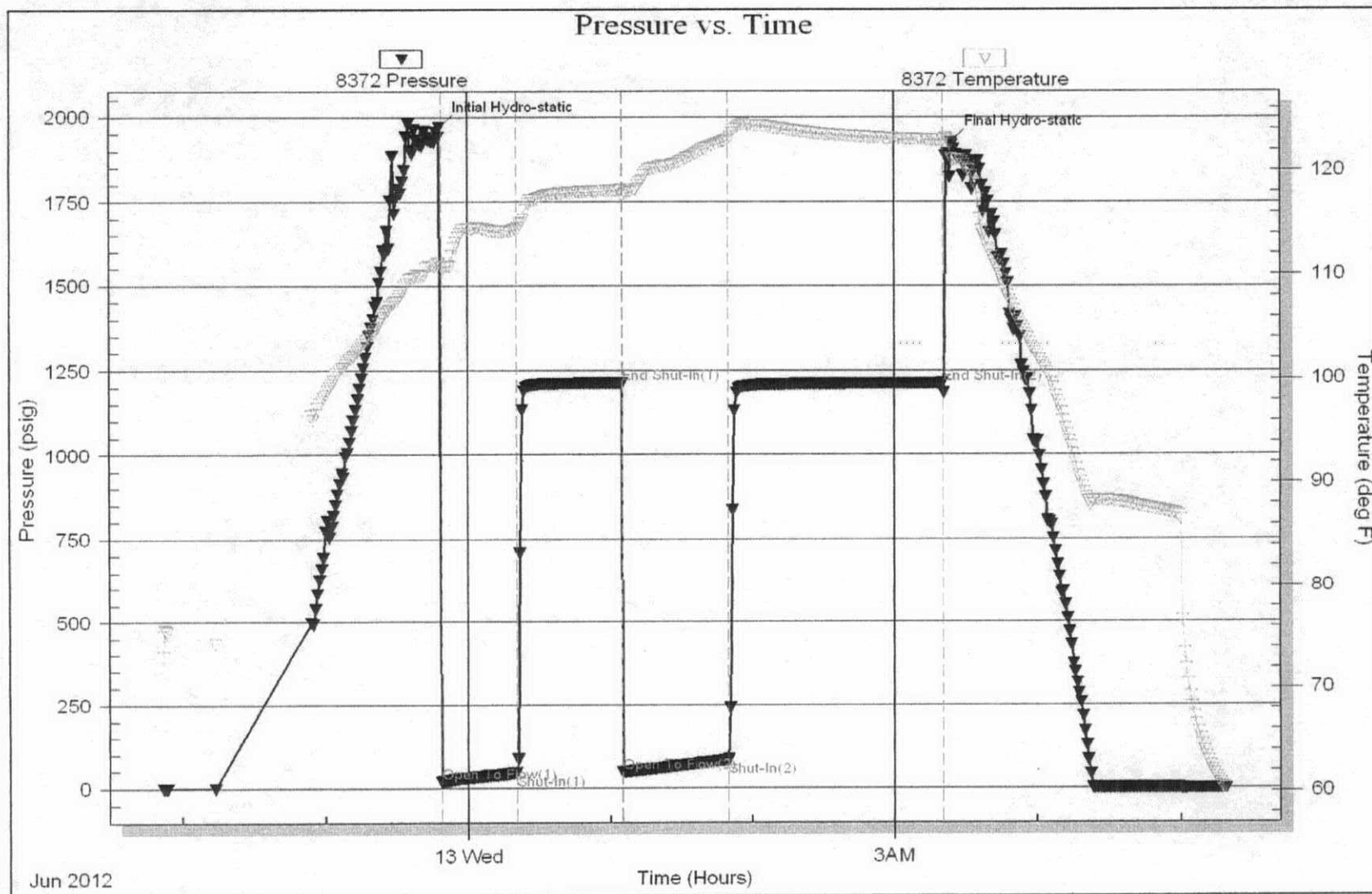
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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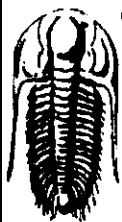
Serial #: 8372

Culbreath Oil & Gas Co inc

Pratt #1-16

DST Test Number: 3





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co inc

1532 S Peoria
Tulsa OK 74120+6202

ATTN: Pat Deenihan

16-9s-28w Sheridan

Pratt #1-16

Job Ticket: 47877

DST#: 4

Test Start: 2012.06.13 @ 22:55:05

GENERAL INFORMATION:

Formation: LKC "I,J,K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:03:40

Time Test Ended: 04:54:59

Interval: 4024.00 ft (KB) To 4095.00 ft (KB) (TVD)

Total Depth: 4095.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 39

Reference Elevations: 2747.00 ft (KB)

2737.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8372

Outside

Press@RunDepth: 21.06 psig @ 4031.00 ft (KB)

Start Date: 2012.06.13

End Date:

2012.06.14

Capacity: 8000.00 psig

Last Calib.:

2012.06.14

Start Time: 22:55:05

End Time:

04:54:59

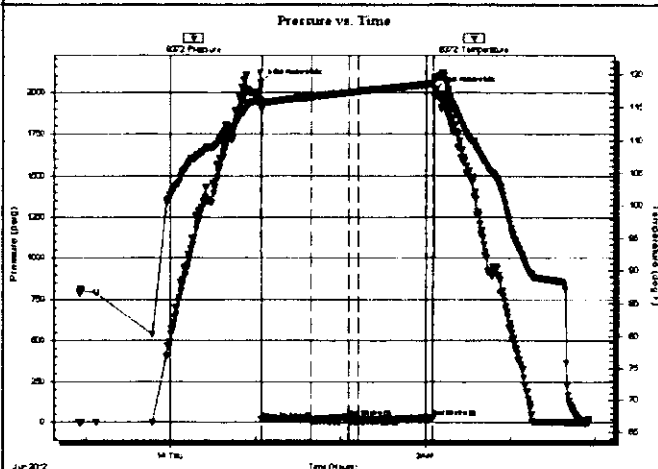
Time On Btm:

2012.06.14 @ 01:03:10

Time Off Btm:

2012.06.14 @ 03:06:40

TEST COMMENT: F:(30min) Blow Died in 2 min.
IS:(30min) No Return
FF:(30min) No Blow, Flushed, Surged, No Blow.
FS:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2059.66	116.02	Initial Hydro-static
1	19.17	114.78	Open To Flow (1)
36	21.94	116.56	Shut-In(1)
63	35.93	117.23	End Shut-In(1)
63	21.30	117.23	Open To Flow (2)
70	21.06	117.40	Shut-In(2)
123	31.08	118.58	End Shut-In(2)
124	2017.86	119.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

* Recovery from multiple tests

Gas Rates

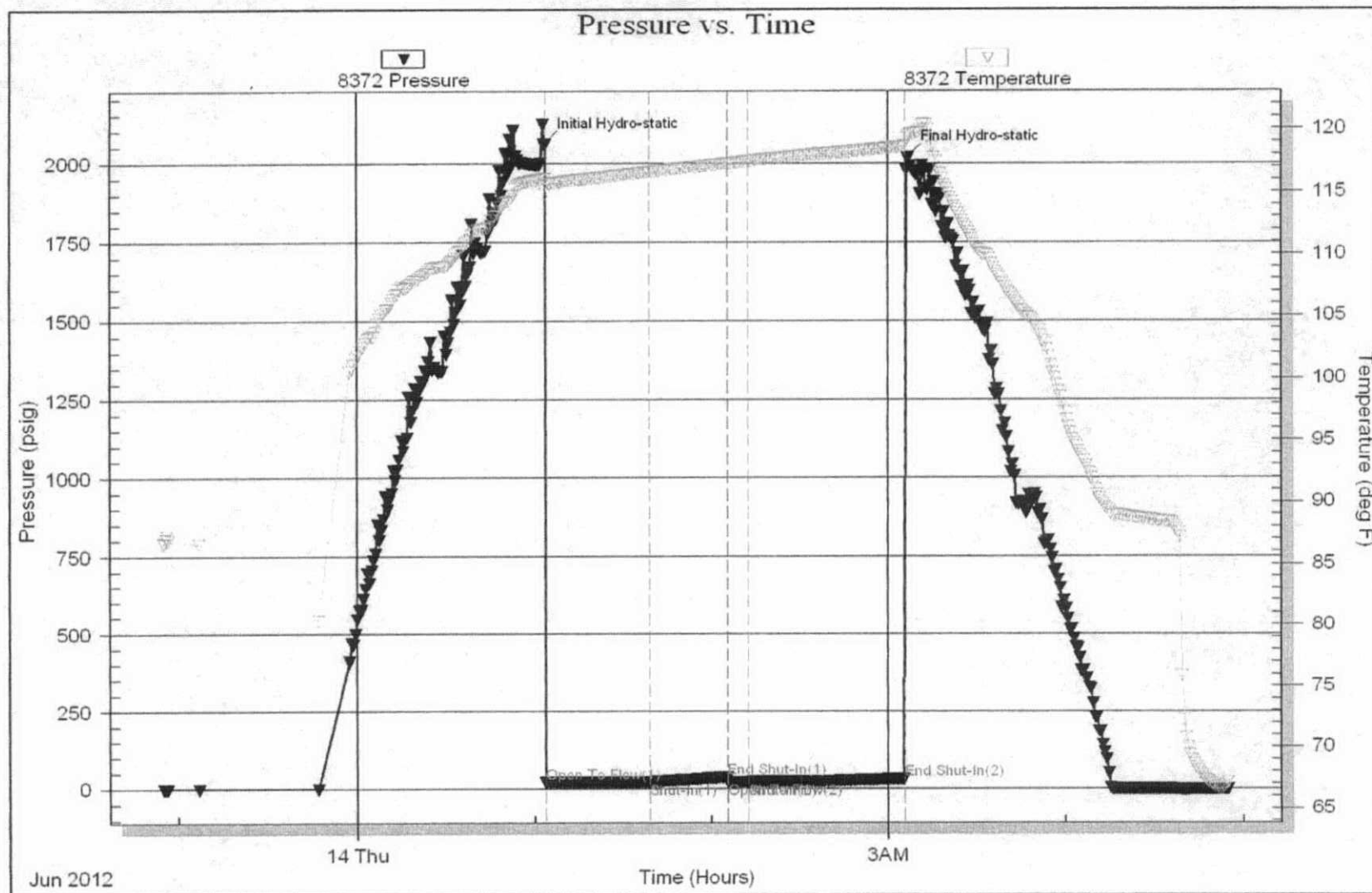
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Serial #: 8372

Outside Culbreath Oil & Gas Co Inc

Pratt #1-16

DST Test Number: 4



REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

580

DATE 8/1/16	SEC. 16	RANGE/TWP. 9-28	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Plat			WELL # 1-16			

CONTRACTOR	Marsich	OWNER	Cubbreath
TYPE OF JOB	Surfacing		
HOLE SIZE 12 1/4	T.D. 759	CEMENT	130
CASING SIZE 8 1/2	DEPTH 255	AMOUNT ORDERED	
TUBING SIZE	DEPTH		
DRILL PIPE	DEPTH		
TOOL	DEPTH		
PRES. MAX	MINIMUM	COMMON	180 @ 152
DISPLACEMENT	SHOE JOINT	POZMIX	@
CEMENT LEFT IN CSG.		GEL	4 @ 26
PERFS		CHLORIDE	6 @ 52
		ASC	@
EQUIPMENT			@
			@
PUMP TRUCK			@
#			@
BULK TRUCK			@
#			@
BULK TRUCK			@
#			@
			@
		HANDLING	170 @ 2.15
		MILEAGE	10 @ 1.25
		TOTAL	

REMARKS	SURFACING
Plus Down C 11.15	DEPT OF JOB @
	PUMP TRUCK CHARGE @ 1.25
	EXTRA FOOTAGE @
	MILEAGE 10.15 @ 1.25
	MANIFOLD @
Circ Cement to Cell	@ 2.25
	TOTAL

CHARGE TO: Cubbreath	
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Service LLC
You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE

PRINTED NAME

Jeremy Stucky