

#### Kansas Corporation Commission Oil & Gas Conservation Division

1096619

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

KCC Office Use ONLY				
Letter of Confidentiality Received				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

Side Two



Operator Name:			Lease Name	e:			_ Well #:	
Sec Twp	S. R	East West	County:					
time tool open and clos	sed, flowing and shut s if gas to surface tes	I base of formations per in pressures, whether set, along with final chart well site report.	shut-in pressure	reached s	static level,	hydrostatic press	sures, bottom h	ole temperature, fl
Orill Stem Tests Taken (Attach Additional S		Yes No		Log	Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolo		☐ Yes ☐ No	N	lame			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	I Electronically	Yes No Yes No Yes No						
List All E. Logs Run:			RECORD [		Used			
	Size Hole	Report all strings set- Size Casing	-conductor, surface Weight		ate, producti Setting	on, etc.  Type of	# Sacks	Type and Percen
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives
		ADDITIONA	L OFMENTING (	00115575	DECORD			
		ADDITIONA	L CEMENTING / :	SQUEEZE	RECORD			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	d		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Plu ootage of Each Interval Pe				cture, Shot, Cement mount and Kind of Ma	•	d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Li	ift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	В	bls. (	Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole	METHOD OF COM	MPLETION: ually Comp omit ACO-5)	. Cor	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:
(If vented, Sub	mit ACO-18.)	Other (Specify) _						

Form	ACO1 - Well Completion			
Operator	Wildcat Oil & Gas LLC			
Well Name	Meigs B 1			
Doc ID	1096619			

## Tops

Name	Тор	Datum
Heebner	4018	-1863
LKC	4184	-2029
ВКС	4495	-2340
Cherokee	4663	-2508
Cherokee Sd.	4689	-2534
Miss	4713	-2558
Kinderhook	4768	-2613
Viola	4808	-2653



PO Box 93999 Southlake, TX 76092

Voice: Fax: (817) 546-7282 (817) 246-3361

Bill To:

Wildcat Oil & Gas P O Box 40 Spivey, KS 67142

## INVOICE

Invoice Number: 132402

Invoice Date: Aug 17, 2012

Page: 1



Customer ID	Well Name/# or Customer P.O.	Payment Terms  Net 30 Days	
Wild	Miegs B #1		
Job Location	Camp Location	p Location Service Date D	
KS1-01	Medicine Lodge	Aug 17, 2012	9/16/12

110.00 N 5.00 N 16.00 N	MAT MAT MAT MAT SER	Class A Common Pozmix Gel Chloride	16.25 8.50 21.25	5,931.25 935.00
5.00 N 16.00 N	MAT MAT	Gel	21.25	935.00
16.00 N	MAT	The state of the s	20.500.00000000000000000000000000000000	106.25
		Chloride	55-55-56-55-611	100.23
506.03	SER	SECURITY SECTION AND SECTION AND SECTION ASSESSMENT AND SECTION ASSESSMENT AS	58.20	931.20
	CLIX	Cubic Feet	2.10	1,062.66
995.40	SER	Ton Mileage	2.35	2,339.19
1.00 S	SER	Surface	1,125.00	1,125.00
89.00	SER	Extra Footage	0.95	84.55
45.00 S	SER	Pump Truck Mileage	7.00	315.00
1.00 S	SER	Manifold Head Rental	200.00	200.00
45.00 S	SER	Light Vehicle Mileage	4.00	180.00
1.00 E	EQP	8.5/8 Baffle Plate	112.00	112.00
1.00 E	EQP	8.5/8 Top Rubber Plug	112.00	112.00
1.00 C	CEMENTER	David Felio		
1.00 C	CEMENTER	Darin Franklin		
1.00 E	EQUIP OPER	Scott Priddy		
1.00 C	OPER ASSIST	Brandon Boor		
1.00 C	OPER ASSIST	Troy Lenz	, <u>ii</u>	
XX1				
	4.14			

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF



ONLY IF PAID ON OR BEFORE Sep 11, 2012

Subtotal	13,434.10
Sales Tax	593.32
Total Invoice Amount	14,027.42
Payment/Credit Applied	
TOTAL	14,027.42

# ALLIED OIL & GAS SERVICES, LLC 05.3877 Federal Tax 1.D.# 20-5975804

	REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT: Medicine lodge KS
	DATE 08-17-12 SEC. TWP. RANGE CA	LLED OUT ON LOCATION JOB START JOB FINISH \$\int 3.30 Arra
	OLD ORATEW (Circle one)	LLC / COUNTY STATE
	CONTRACTOR 1/1/#5	OWNER Wildat Exclo. 01/4 gas
	TYPE OF JOB Surface  HOLE SIZE 121/4 390 T.D. 390  CASING SIZE 85/6 24 DEPTH 389	CEMENT
	TUBING SIZE DEPTH DRILL PIPE DEPTH	AMOUNT ORDERED 2755x60.40.3%cc+2% 54 \$ 2005x < 6.55 A + 3%cc
	TOOL DEPTH PRES. MAX 500年 MINIMUM —	COMMONC6 34 36558@ 1625 5931-25
	MEAS. LINE SHOE JOINT 41.7 CEMENT LEFT IN CSG. 42 PERFS.	POZMIX
	DISPLACEMENT 22 BGIS Fresh H20 EQUIPMENT	ASC@
	PUMPTRUCK CEMENTER D. Felia	
	#548-545 HELPER D. Franklin/360.365 BULK TRUCK # 364/381-350RIVER B. Book / T. Line 3	S. P. WILL
	BULK TRUCK # DRIVER	HANDLING 306.03 ++3 @ 2.10 7062.66
~	REMARKS:	MILEAGE 22,124mi 45. 2.31 2339.19
	See Job Log  Bump Plug - Shutin - Cement Dil	SERVICE TOTAL 11308.92
	Not Cike,	DEPTH OF JOB 389' PUMP TRUCK CHARGE 11.25.40
	topedoff w/2005 A+31/cc	EXTRA FOOTAGE \$9 @ . 95 89.55 MILEAGE 45 @ 7 315.00
	***	MANIFOLD headrental @ 300 to 180 The 1
	CHARGE TO: Wildat	TOTAL 1904.55
	CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	(60)	I-Buffle Plate, @ 112.00
	To: Allied Oil & Gas Services, LLC.	/- TRP @ 112" 112"
	You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL	TOTAL 224' 593.32
	TERMS AND CONDITIONS" listed on the reverse side.	TOTAL CHARGES
	PRINTED NAME Randy Jun, H	DISCOUNT IF PAID IN 30 DAYS  Lise 36 86, 82 10 - 68 28
	SIGNATURE Mandy Smith	Met 10, 747, 28
	u u	



Prepared For:

Wildcat Oil & Gas

PO Box 40 Spivey KS 67142

ATTN: Steve Van Buskirk

Meigs B #1

#### 16-28s-16w Kiowa,KS

Start Date: 2012.08.21 @ 23:22:34

End Date:

2012.08.22 @ 08:34:34

Job Ticket #: 47575

DST#: 1

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



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Job Ticket: 47575

Meigs B #1

DST#: 1

ATTN: Steve Van Buskirk

Test Start: 2012.08.21 @ 23:22:34

#### GENERAL INFORMATION:

Formation:

Lansing A

Deviated:

No Whipstock: ft (KB)

Time Tool Opened: 03:48:49 Time Test Ended: 08:34:34

Interval:

4169.00 ft (KB) To 4207.00 ft (KB) (TVD)

Total Depth:

4207.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Chris Staats

Unit No:

47

Reference Elevations:

2144.00 ft (KB)

KB to GR/CF:

2134.00 ft (CF) 10.00 ft

Serial #: 6755

Inside Press@RunDepth:

82.84 psig @

4170.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2012.08.21 23:22:39

End Date: End Time: 2012.08.22 08:34:34

Last Calib .: Time On Btm: 2012.08.22

Time Off Btm:

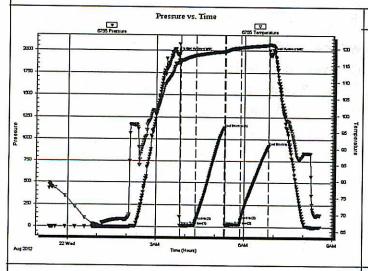
2012.08.22 @ 03:45:34 2012.08.22 @ 06:51:49

TEST COMMENT: IF: Strong blow BOB 30 sec

ISI: No blow back

FF: Strong blow BOB 10 sec

FSI: No blow back



#### PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F) 1961.52 115.57 Initial Hydro-static 15.31 116.12 Open To Flow (1) 35 71.41 117.82 Shut-In(1) 94 1129.00 119.01 End Shut-In(1) 96 23.43 119.01 Open To Flow (2) 127 82.84 120.18 Shut-In(2) 184 925.04 End Shut-In(2) 120.95 187 1962.18 121.12 Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	1240' GIP	0.00
40.00	W,M 20%w ater 80%mud	0.56
*		

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 47575



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Meigs B #1

Job Ticket: 47575

DST#: 1

ATTN: Steve Van Buskirk

Test Start: 2012.08.21 @ 23:22:34

#### GENERAL INFORMATION:

Formation:

Lansing A

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 03:48:49

Tester:

Chris Staats

Time Test Ended: 08:34:34

Unit No:

47

Interval:

4169.00 ft (KB) To 4207.00 ft (KB) (TVD)

2144.00 ft (KB)

Total Depth:

4207.00 ft (KB) (TVD)

Reference Elevations:

2134.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

psig @

KB to GR/CF:

10.00 ft

Serial #: 6773 Press@RunDepth: Outside

4170.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.08.21

End Date:

2012.08.22

Last Calib .:

Start Time:

23:26:57

End Time:

08:34:37

Time On Btm:

2012.08.22

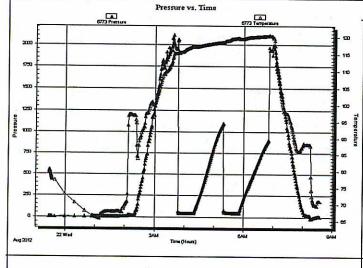
Time Off Btm:

TEST COMMENT: IF: Strong blow BOB 30 sec

ISI: No blow back

FF: Strong blow BOB 10 sec

FSI: No blow back



## PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F)

Length (ft) Description Volume (bbl) 0.00 1240' GIP 0.00 40.00 W,M 20%w ater 80%mud 0.56

Recovery

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 47575



**TOOL DIAGRAM** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Meigs B #1 Job Ticket: 47575

DST#: 1

ATTN: Steve Van Buskirk

Test Start: 2012.08.21 @ 23:22:34

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4161.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume:

58.37 bbl 0.00 bbl Tool Weight:

2200.00 lb

Drill Collar:

Length:

0.00 ft Diameter: 0.00 ft Diameter:

2.25 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb Weight to Pull Loose: 65000.00 lb

20.00 ft

Total Volume: 58.37 bbl **Tool Chased** 

Drill Pipe Above KB: Depth to Top Packer:

4169.00 ft

1.00 ft

Depth to Bottom Packer:

ft

2

String Weight: Initial

58000.00 lb 58000.00 lb Final

Interval between Packers:

38.00 ft

66.00 ft

Diameter:

6.75 inches

Number of Packers: Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4142.00		
Shut In Tool	5.00			4147.00		
Hydraulic tool	5.00			4152.00		
Jars	5.00			4157.00		
Safety Joint	3.00			4160.00		
Packer	5.00			4165.00	28.00	Bottom Of Top Packer
Packer	4.00			4169.00		Dettern of Top Tucker
Stubb	1.00			4170.00		
Recorder	0.00	6773	Outside	4170.00		
Recorder	0.00	6755	Inside	4170.00		
Perforations	34.00			4204.00		
Bullnose	3.00			4207.00	38.00	Bottom Packers & Anchor
Total Tool I	enath: 66.00			1774		

Total Tool Length:

Trilobite Testing, Inc.

Ref. No: 47575



**FLUID SUMMARY** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40

Meigs B #1

ft

bbl

psig

Spivey KS 67142

Job Ticket: 47575

**DST#:1** 

ATTN: Steve Van Buskirk

Test Start: 2012.08.21 @ 23:22:34

#### **Mud and Cushion Information**

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight:

Viscosity: 56.00 sec/qt Water Loss: 12.36 in<sup>3</sup>

Resistivity:

0.00 ohm.m 8000.00 ppm

Salinity: Filter Cake:

0.02 inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: ppm

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
0.00	1240' GIP	0.000
40.00	W,M 20%w ater 80%mud	0.561

Total Length:

40.00 ft

Total Volume:

0.561 bbl

0

Num Fluid Samples: 0

Laboratory Name:

Num Gas Bombs: Laboratory Location: Serial#:

Recovery Comments:



Printed: 2012.08.29 @ 10:09:50

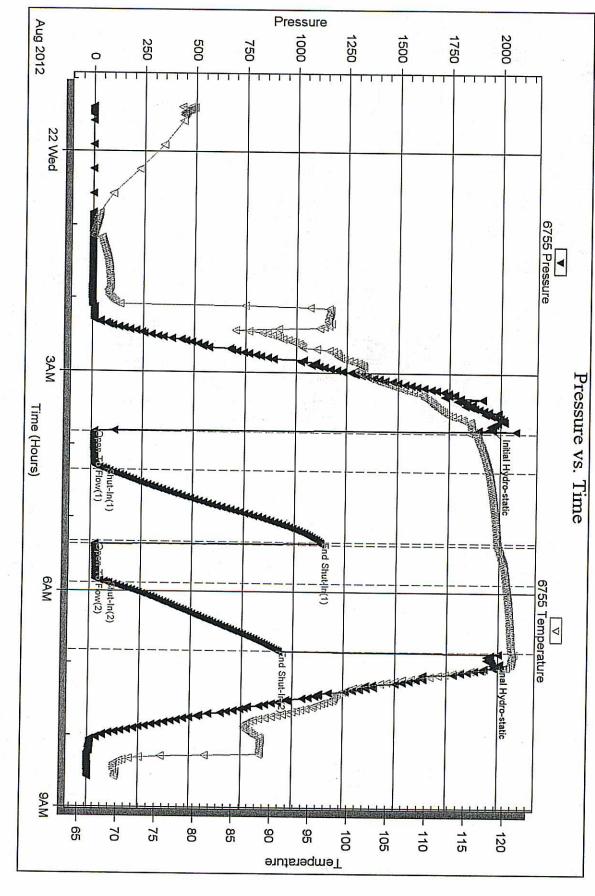
Wildcat Oil & Gas

Serial #: 6755

Inside

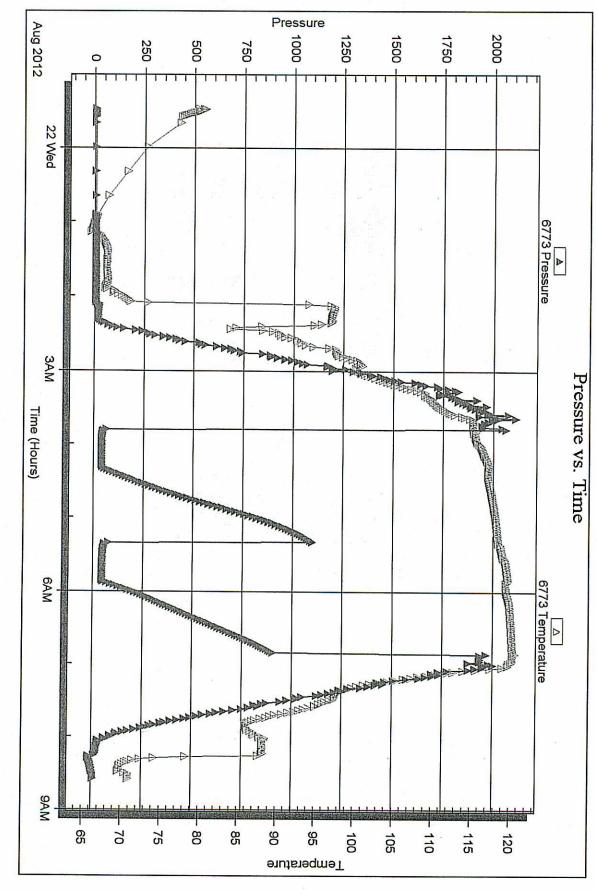
Meigs B#1





Printed: 2012.08.29 @ 10:09:50

Serial #: 6773





Prepared For:

Wildcat Oil & Gas

PO Box 40 Spivey KS 67142

ATTN: Steve Van Buskirk

Meigs B #1

## 16-28s-16w Kiowa,KS

Start Date: 2012.08.24 @ 08:44:05

End Date:

2012.08.24 @ 16:11:50

Job Ticket #: 49563

DST#: 2

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



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40

Meigs B #1

Spivey KS 67142

Job Ticket: 49563

DST#: 2

ATTN: Steve Van Buskirk

Test Start: 2012.08.24 @ 08:44:05

#### **GENERAL INFORMATION:**

Formation:

Cherokee

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 10:17:20

Tester: Unit No: Leal Cason

Time Test Ended: 16:11:50

2144.00 ft (KB)

Interval: Total Depth: 4653.00 ft (KB) To 4708.00 ft (KB) (TVD) 4708.00 ft (KB) (TVD)

Reference Elevations:

2134.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

10.00 ft

Serial #: 6798 Press@RunDepth: Inside

78.16 psig @

4654.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.08.24

End Date:

2012.08.24

Last Calib .: Time On Btm: 2012.08.24

Start Time:

08:44:06

16:11:50

2012.08.24 @ 10:14:50

End Time:

Time Off Btm:

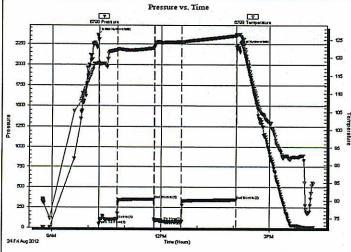
2012.08.24 @ 14:04:50

TEST COMMENT: IF: Strong Blow, BOB in 3 minutes, GTS in 22 minutes, TSTM, Caught Sample

ISI: No Blow Back

FF: Strong Blow, BOB & GTS Immediate, TSTM

FSI: No Blow Back



## PRESSURE SUMMARY

	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2363.31	118.31	Initial Hydro-static
	3	42.92	118.03	Open To Flow (1)
	33	106.94	122.13	Shut-In(1)
	94	349.67	122.68	End Shut-In(1)
Ton	95	80.29	123.05	Open To Flow (2)
Temperature	139	78.16	124.47	Shut-In(2)
2	230	342.33	126.14	End Shut-In(2)
	230	2215.12	126.40	Final Hydro-static
				*
		120		
	-			. "

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	4583 GIP	0.00
50.00	GCM 5%G 95%M	0.70
Recovery from n		

#### Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 49563



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40

Spivey KS 67142

Meigs B #1 Job Ticket: 49563

DST#: 2

ATTN: Steve Van Buskirk

Test Start: 2012.08.24 @ 08:44:05

#### **GENERAL INFORMATION:**

Formation:

Cherokee

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 10:17:20

Time Test Ended: 16:11:50

Tester: Unit No: Leal Cason

Interval:

4653.00 ft (KB) To 4708.00 ft (KB) (TVD)

Reference Elevations:

2144.00 ft (KB)

Total Depth:

4708.00 ft (KB) (TVD)

2134.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

45

10.00 ft

Serial #: 8367

Press@RunDepth:

Outside

psig @ 4654.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.08.24

End Date:

2012.08.24

Last Calib .:

2012.08.24

Start Time:

08:44:06

End Time:

16:11:50

Time On Btm:

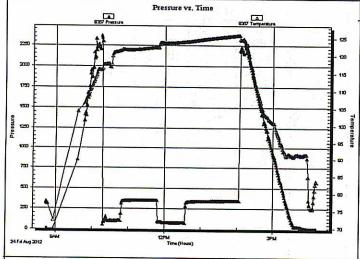
Time Off Btm:

TEST COMMENT: IF: Strong Blow, BOB in 3 minutes, GTS in 22 minutes, TSTM, Caught Sample

ISI: No Blow Back

FF: Strong Blow, BOB & GTS Immediate, TSTM

FSI: No Blow Back



#### PRESSURE SUMMARY Pressure Temp Annotation

(Min.)	(psig)	(deg F)	
- 1			
A.	- A		
å.	100		
100		. 8	
	14. 4	1	
		-	
at one	-	in Phi Nau	
40	u = 1		
9			

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	4583 GIP	0.00
50.00	GCM 5%G 95%M	0.70
	Eq.	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 49563



**TOOL DIAGRAM** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142 Meigs B #1 Job Ticket: 49563

DST#: 2

ATTN: Steve Van Buskirk

Test Start: 2012.08.24 @ 08:44:05

Tool Information

Drill Pipe:

Length: 4633.00 ft Diameter: Heavy Wt. Pipe: Length: Length:

0.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

64.99 bbl 0.00 bbl 0.00 bbl Tool Weight: Weight set on Packer: 25000.00 lb

2100.00 lb

Tool Chased

Weight to Pull Loose: 70000.00 lb

Drill Pipe Above KB:

Drill Collar:

7.00 ft Depth to Top Packer: 4653.00 ft

Depth to Bottom Packer:

ft

Total Volume: 64.99 bbl

String Weight: Initial 64000.00 lb

Interval between Packers:

55.00 ft

64000.00 lb Final

Tool Length: Number of Packers: 82.00 ft 2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4631.00		
Hydraulic tool	5.00			4636.00		
Jars	5.00			4641.00		
Safety Joint	2.00			4643.00		
Packer	5.00			4648.00	27.00	Bottom Of Top Packer
Packer	5.00			4653.00		and the second second state because of
Stubb	1.00			4654.00		
Recorder	0.00	6798	Inside	4654.00		
Recorder	0.00	8367	Outside	4654.00		
Perforations	2.00			4656.00		
Change Over Sub	1.00			4657.00		
Drill Pipe	32.00			4689.00		
Change Over Sub	1.00			4690.00		
Perforations	15.00			4705.00		
Bullnose	3.00			4708.00	55.00	Bottom Packers & Anchor
Total Tool Length	. 82.00	7			20 20 20 20 20 20 20 20 20 20 20 20 20 2	

lotal lool Length:

Trilobite Testing, Inc.

Ref. No: 49563



**FLUID SUMMARY** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142 Meigs B #1

Job Ticket: 49563

DST#: 2

ATTN: Steve Van Buskirk

Test Start: 2012.08.24 @ 08:44:05

Oil API:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity: Water Loss:

95.00 sec/qt 12.38 in<sup>3</sup> 0.00 ohm.m

Resistivity: Salinity: Filter Cake:

7000.00 ppm 0.02 inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

ft bbl Water Salinity:

deg API ppm

Gas Cushion Pressure:

psig

#### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
0.00	4583 GIP	0.000
50.00	GCM 5%G 95%M	0.701

Total Length:

50.00 ft

Total Volume:

0.701 bbl

0

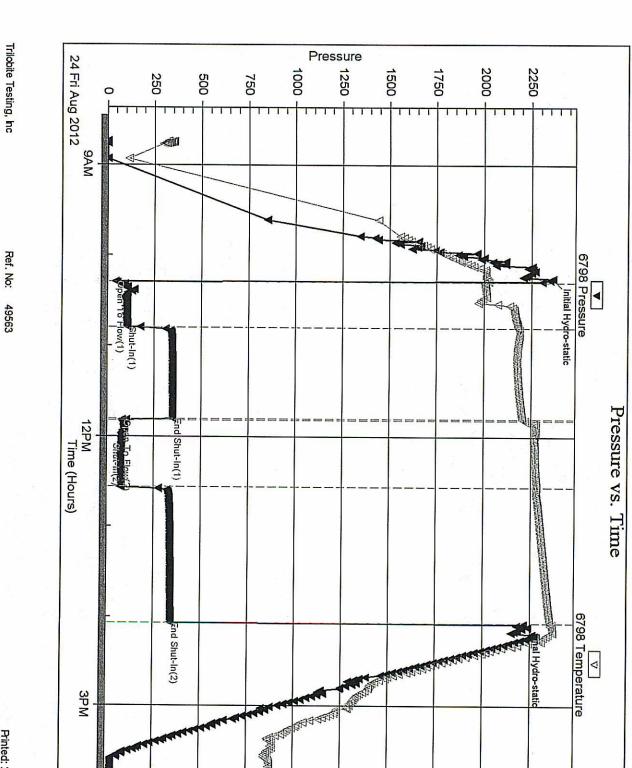
Num Fluid Samples: 0

Laboratory Name:

Num Gas Bombs: Laboratory Location:

Serial #:

Recovery Comments:



Serial #: 6798

Inside

Wildcat Oil & Gas

Meigs B#1

DST Test Number: 2

**- 75** 

8

90

95

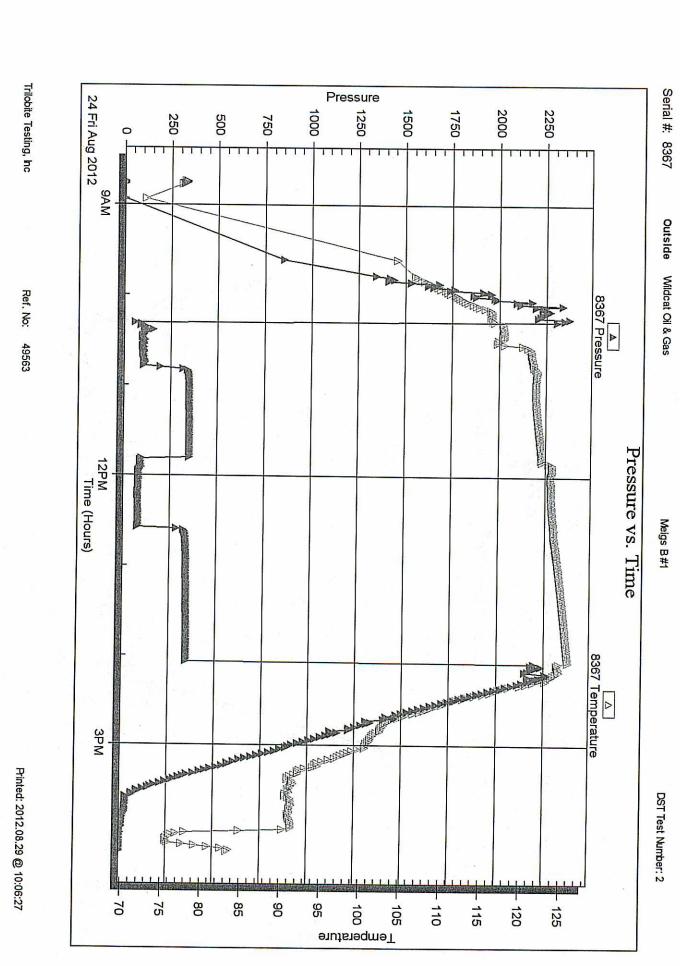
Temperature S S S

115

120

125

85





Prepared For:

Wildcat Oil & Gas

PO Box 40 Spivey KS 67142

ATTN: Steve Van Buskirk

Meigs B #1

16-28s-16w Kiowa,KS

Start Date: 2012.08.25 @ 07:54:50

End Date:

2012.08.25 @ 11:34:20

Job Ticket #: 49564

DST#: 3

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



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40

Meigs B #1

Spivey KS 67142

Job Ticket: 49564

DST#: 3

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 07:54:50

#### GENERAL INFORMATION:

Formation:

Mississippi/Kinderho

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 09:39:50

Time Test Ended: 11:34:20

Tester:

Leal Cason

Interval:

4708.00 ft (KB) To 4793.00 ft (KB) (TVD)

Unit No: 45

2144.00 ft (KB)

Total Depth:

4793.00 ft (KB) (TVD)

Reference Elevations:

2134.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

10.00 ft

Serial #: 6798 Press@RunDepth:

Inside

psig @

4709.00 ft (KB)

Capacity:

Start Date:

2012.08.25

End Date:

2012.08.25

Last Calib.:

8000.00 psig

Start Time:

07:54:51

End Time:

11:34:20

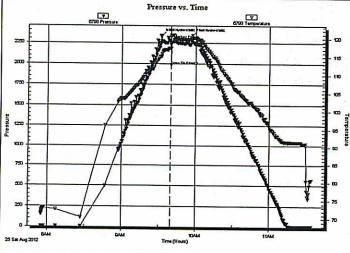
Time On Btm:

2012.08.25 2012.08.25 @ 09:32:20

Time Off Btm:

2012.08.25 @ 09:57:05

TEST COMMENT: Packer Failure, Tried To Set Twice, Pulled Test



10	F.	PI	RESSUF	RE SUMMARY	
	Time	Pressure	Temp	Annotation	_
F	(Min.)	(psig)	(deg F)		
4	0	2336.13	115.26	Initial Hydro-static	
	8	1985.67	120.44	Open To Flow (1)	
	8	2256.12	120.82	Packer Failure	
H	25	2337.81	119.82	Final Hydro-static	
Temperature	1				
		1			
	11	1			

## Recovery Length (ft) Description Volume (bbl) 180.00 Mud 2.52 Recovery from multiple tests

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 49564



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40

Meigs B #1

DST#: 3

Spivey KS 67142

Job Ticket: 49564

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 07:54:50

#### GENERAL INFORMATION:

Formation:

Mississippi/Kinderho

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 09:39:50

Tester:

Leal Cason

Time Test Ended: 11:34:20

Unit No:

45

Interval:

4708.00 ft (KB) To 4793.00 ft (KB) (TVD)

Reference Elevations:

2144.00 ft (KB)

Total Depth:

4793.00 ft (KB) (TVD)

KB to GR/CF:

2134.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

10.00 ft

Serial #: 8367 Press@RunDepth: Outside

psig @

4709.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.08.25

End Date:

2012.08.25

Last Calib.: Time On Btm: 2012.08.25

Start Time:

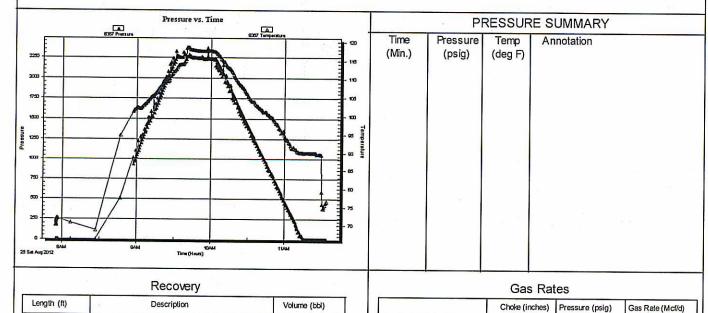
07:54:51

End Time:

11:34:20

Time Off Btm:

TEST COMMENT: Packer Failure, Tried To Set Twice, Pulled Test



### Length (ft) Description Volume (bbl) 180.00 Mud 2.52

Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 49564



**TOOL DIAGRAM** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142 Meigs B #1

DST#: 3

Job Ticket: 49564

Test Start: 2012.08.25 @ 07:54:50

ATTN: Steve Van Buskirk

Tool Information

Drill Pipe:

Drill Collar:

Length: 4696.00 ft Diameter: Heavy Wt. Pipe: Length:

0.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume:

65.87 bbl 0.00 bbl Tool Weight:

2100.00 lb

Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl 65.87 bbl Weight to Pull Loose: 70000.00 lb

Final

Weight set on Packer: 40000.00 lb

Drill Pipe Above KB:

15.00 ft

Total Volume:

Tool Chased String Weight: Initial

ft 65000.00 lb

66000.00 lb

Depth to Top Packer:

Number of Packers:

4708.00 ft ft

Depth to Bottom Packer: Interval between Packers: Tool Length:

85.00 ft

112.00 ft

2 Diameter:

6.75 inches

Tool Comments: Packer Failure

ength (ft)	Serial No.	Position	Depth (ft)	Accum, Lengths	
5.00					
5.00					
5.00					
2.00					
5.00			4703.00	27.00	Bottom Of Top Packer
5.00			4708.00		
1.00			4709.00		
0.00	6798	Inside	4709.00		
0.00	8367	Outside	4709.00		
1.00			4710.00		
1.00					
63.00					1
1.00					
15.00					
3.00			4793.00	85.00	Bottom Packers & Anchor
	5.00 5.00 5.00 2.00 5.00 5.00 1.00 0.00 0.00 1.00 63.00 1.00 15.00	5.00 5.00 5.00 2.00 5.00 5.00 1.00 0.00 6798 0.00 8367 1.00 1.00 63.00 1.00 15.00	5.00 5.00 5.00 2.00 5.00 5.00 1.00 0.00 6798 Inside 0.00 8367 Outside 1.00 1.00 63.00 1.00 15.00	5.00 4686.00 5.00 4691.00 5.00 4698.00 2.00 4698.00 5.00 4703.00 5.00 4708.00 1.00 4709.00 0.00 6798 Inside 4709.00 0.00 8367 Outside 4709.00 1.00 4711.00 63.00 4775.00 15.00 4790.00	5.00       4686.00         5.00       4691.00         5.00       4696.00         2.00       4698.00         5.00       4703.00       27.00         5.00       4708.00         1.00       4709.00         0.00       6798 Inside 4709.00         0.00       8367 Outside 4709.00         1.00       4710.00         1.00       4711.00         63.00       4774.00         1.00       4790.00

Total Tool Length:

112.00

Trilobite Testing, Inc

Ref. No: 49564



**FLUID SUMMARY** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Meigs B #1 Job Ticket: 49564

DST#:3

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 07:54:50

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

52.00 sec/qt

Viscosity:

Water Loss:

Resistivity:

Salinity: Filter Cake:

0.00 ohm.m

12.38 in<sup>3</sup>

9.00 lb/gal

7000.00 ppm 0.02 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API ppm

bbl psig

ft

**Recovery Information** 

Recovery Table

Length ft Description Volume bbl 180.00 Mud 2.525

Total Length:

180.00 ft

Total Volume:

2.525 bbl

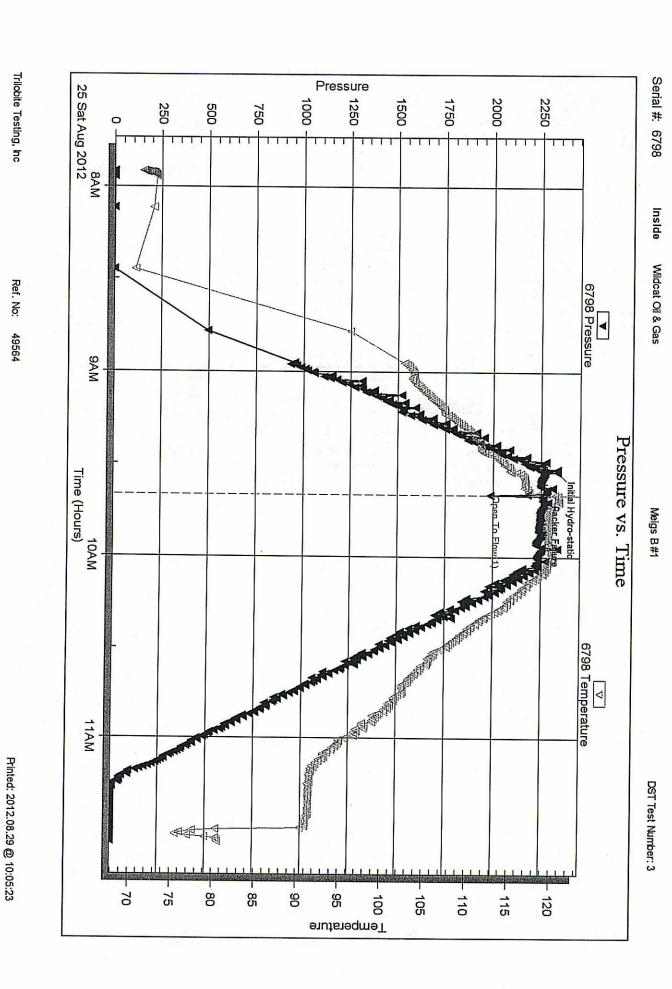
Num Fluid Samples: 0

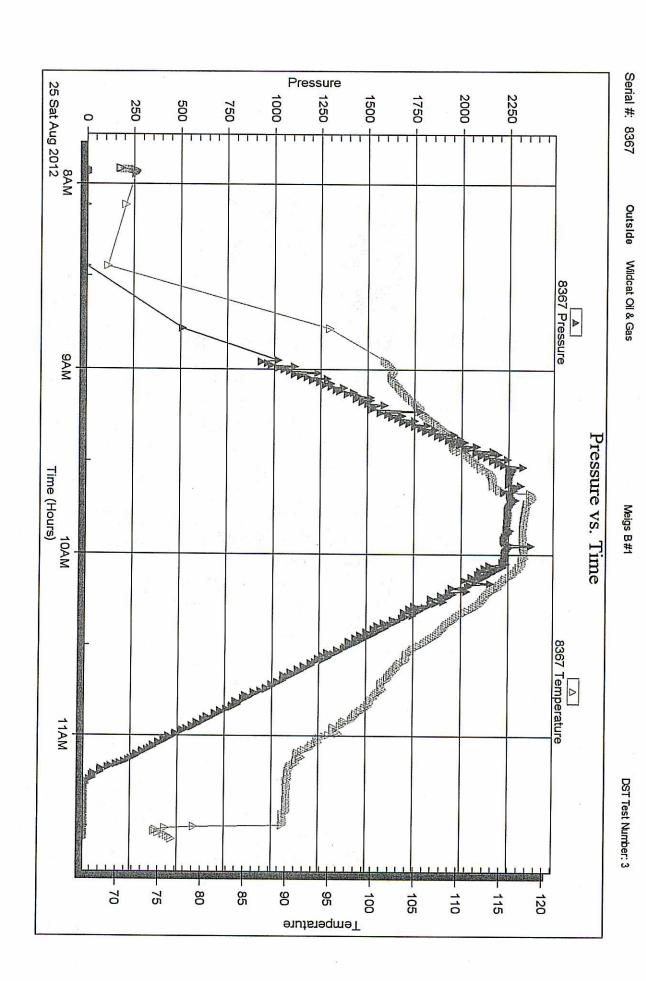
Laboratory Name:

Num Gas Bombs: 0 Laboratory Location:

Serial #:

Recovery Comments:





Trilobite Testing, Inc

Ref. No:

49564



Prepared For:

Wildcat Oil & Gas

PO Box 40 Spivey KS 67142

ATTN: Steve Van Buskirk

Meigs B #1

16-28s-16w Kiowa,KS

Start Date:

2012.08.25 @ 11:54:27

End Date:

2012.08.25 @ 15:48:42

Job Ticket #: 49565

DST#: 4

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



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40

Meigs B #1

Spivey KS 67142

Job Ticket: 49565

DST#: 4

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 11:54:27

GENERAL INFORMATION:

Formation: Deviated:

Mississippi/Kinderho Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 13:09:57

Time Test Ended: 15:48:42

No

Tester: Leal Cason

Unit No:

45

Reference Elevations: 2144.00 ft (KB)

2134.00 ft (CF)

Interval: Total Depth: 4698.00 ft (KB) To 4793.00 ft (KB) (TVD) 4793.00 ft (KB) (TVD)

KB to GR/CF:

10.00 ft

Hole Diameter:

7.88 inchesHole Condition: Fair

Serial #: 6798 Press@RunDepth:

Inside

4699.00 ft (KB) psig @

Capacity:

8000.00 psig

Start Date:

2012.08.25

End Date:

2012.08.25

Last Calib .: Time On Btm:

2012.08.25

2012.08.25 @ 13:08:12

Start Time:

11:54:28

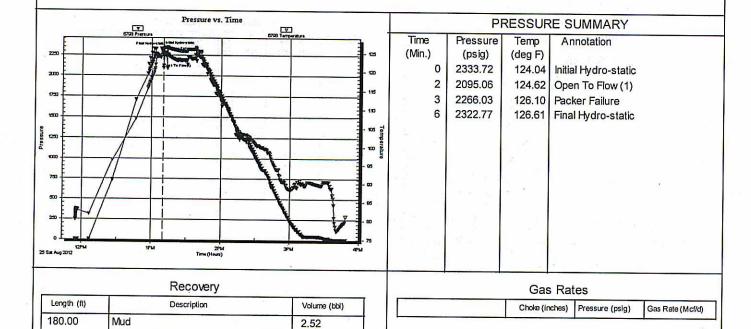
End Time:

15:48:42

Time Off Btm:

2012.08.25 @ 13:13:27

TEST COMMENT: Packer Failure, Tried Twice To Set, Pulled Test



Recovery from multiple tests Trilobite Testing, Inc.

Ref. No: 49565



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40

Meigs B #1

Spivey KS 67142

Job Ticket: 49565

DST#:4

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 11:54:27

#### **GENERAL INFORMATION:**

Formation:

Mississippi/Kinderho

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 13:09:57

Time Test Ended: 15:48:42

Tester:

Unit No:

Leal Cason

Interval:

4698.00 ft (KB) To 4793.00 ft (KB) (TVD)

2144.00 ft (KB)

Total Depth:

4793.00 ft (KB) (TVD)

Reference Elevations:

2134.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

10.00 ft

Serial #: 8367 Press@RunDepth: Outside

psig @

4699.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.08.25

End Date:

2012.08.25

Last Calib .: Time On Btm: 2012.08.25

Start Time:

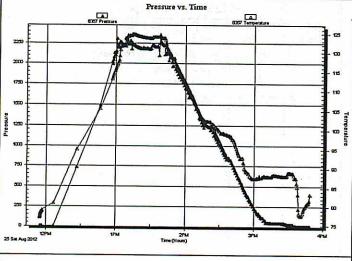
11:54:28

End Time:

15:48:42

Time Off Btm:

TEST COMMENT: Packer Failure, Tried Twice To Set, Pulled Test



Time	Pressure	Temp	Annotation	
(Min.)	(psig)	(deg F)	Zimotation	
χ,	(poig)	(acg i )		
	- 1			
		1.08		
		8.0		
	1	300		
	1			
1. 1.				
2		. 1		
\$1 A.				
UM PARK	and the second	0.00		

## Recovery Length (ft) Description Volume (bbl) 180.00 Mud 2.52 Recovery from multiple tests

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 49565



**TOOL DIAGRAM** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Meigs B #1 Job Ticket: 49565

DST#:4

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 11:54:27

**Tool Information** 

Drill Pipe:

Drill Collar:

Heavy Wt. Pipe: Length:

Length:

Length: 4696.00 ft Diameter: 0.00 ft Diameter: 0.00 ft Diameter:

2.25 inches Volume:

3.80 inches Volume: 0.00 inches Volume:

Total Volume:

65.87 bbl 0.00 bbl 1dd 00.0

65.87 bbl

Tool Weight:

2200.00 lb

Tool Chased

String Weight: Initial

Final

Weight set on Packer: 40000.00 lb Weight to Pull Loose: 70000.00 lb

64000.00 lb

65000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

25.00 ft 4698.00 ft

Depth to Bottom Packer:

Interval between Packers: Tool Length:

95.00 ft

122.00 ft

Diameter:

6.75 inches

Number of Packers: Tool Comments: Packer Failure

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4676.00		
Hydraulic tool	5.00			4681.00		
Jars	5.00			4686.00		
Safety Joint	2.00			4688.00		
Packer	5.00			4693.00	27.00	Bottom Of Top Packer
Packer	5.00			4698.00		•
Stubb	1.00			4699.00		
Recorder	0.00	6798	Inside	4699.00		
Recorder	0.00	8367	Outside	4699.00		
Perforations	11.00			4710.00		
Change Over Sub	1.00			4711.00		
Drill Pipe	63.00			4774.00		
Change Over Sub	1.00			4775.00		
Perforations	15.00			4790.00	**	
Bullnose	3.00			4793.00	95.00	Bottom Packers & Anchor
Total Tool Length	. 122.00					

Iotal Tool Length:

122.00

Trilobite Testing, Inc

Ref. No: 49565



FLUID SUMMARY

DST#:4

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Meigs B #1

Job Ticket: 49565

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 11:54:27

Oil API:

**Mud and Cushion Information** 

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity: Water Loss:

52.00 sec/qt 12.39 in<sup>3</sup>

Resistivity:

0.00 ohm.m

Salinity: Filter Cake: 7000.00 ppm 0.02 inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

ft bbl

psig

Water Salinity:

deg API ppm

.

**Recovery Information** 

Recovery Table

Length ft Description Volume bbl

180.00 Mud 2.525

Total Length:

180.00 ft

Total Volume:

2.525 bbl

Num Fluid Samples: 0

Num Gas Bombs:

n

Laboratory Name:

Laboratory Location:

Serial #:

Recovery Comments:

Recovery Comments:

Serial #: 6798

Inside

Wildcat Oil & Gas

Weigs B#1

DST Test Number: 4

- 125

120

115

Printed: 2012.08.29 @ 10:04:35

4PM

75

8

85

90

95

105

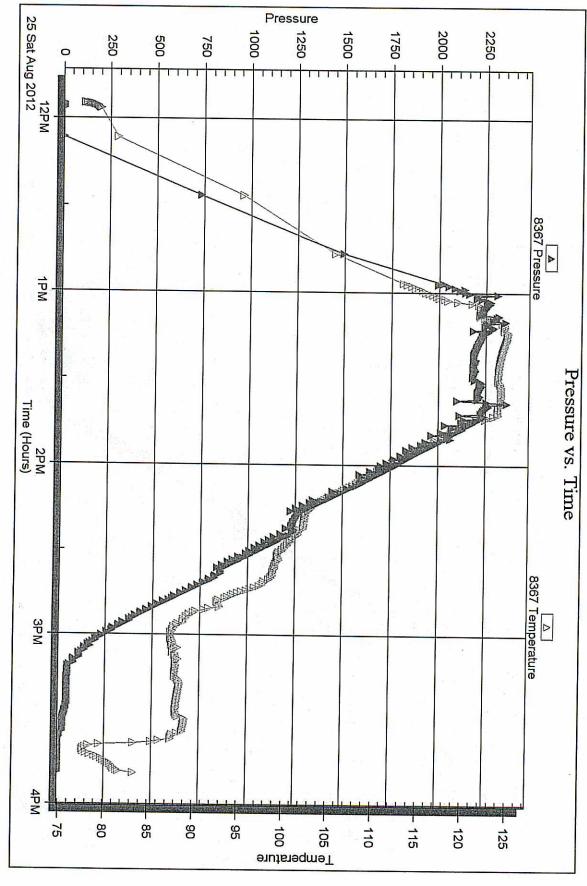
Temperature

6

Printed: 2012.08.29 @ 10:04:35

Serial #: 8367

Outside Wildcat Oil & Gas





Prepared For:

Wildcat Oil & Gas

PO Box 40 Spivey KS 67142

ATTN: Steve Van Buskirk

Meigs B #1

16-28s-16w Kiowa,KS

Start Date:

2012.08.25 @ 23:22:38

End Date:

2012.08.26 @ 08:00:23

Job Ticket #: 49566

DST#: 5

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



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Meigs B #1 Job Ticket: 49566

**DST#:5** 

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 23:22:38

**GENERAL INFORMATION:** 

Formation:

Mississippi/Kinderho

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 01:43:23

Tester: Leal Cason

Time Test Ended: 08:00:23

Unit No:

Interval:

4665.00 ft (KB) To 4793.00 ft (KB) (TVD)

Reference Elevations:

2144.00 ft (KB)

Total Depth:

4793.00 ft (KB) (TVD)

2134.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

10.00 ft

Serial #: 6798

Press@RunDepth:

Inside

101.50 psig @

4666.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2012.08.25 23:22:39

End Date: End Time: 2012.08.26

Last Calib.: Time On Btm: Time Off Btm: 2012.08.26

08:00:23

2012.08.26 @ 01:41:23

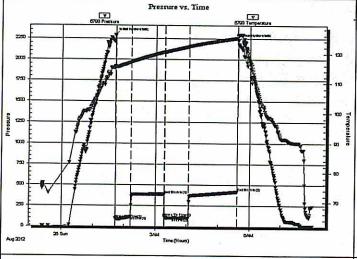
2012.08.26 @ 05:37:08

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes

ISI: Surface Blow Back

FF: Strong Blow, BOB immediate, GTS in 6 minutes, Caught Sample, TSTM

FSI: No Blow Back



PRESSURE SUMMARY							
Time	Pressure	Temp	Annotation				
(Min.)	(psig)	(deg F)					
0	2291.32	115.59	Initial Hydro-static				
2	91.52	115.51	Open To Flow (1)				
32	116.26	117.01	Shut-In(1)				
96	386.80	120.46	End Shut-In(1)				
97	112.74	120.40	Open To Flow (2)				
142	101.50	122.26	Shut-In(2)				
236	416.83	125.19	End Shut-In(2)				
236	2225.25	125.82	Final Hydro-static				
20							
			•				

#### Recovery

Length (ft)	Description	Vojume (bbl)
0.00	4570 GIP	0.00
94.00	GCM 2%G 98%M	1.05
	and the same of th	
* Recovery from r	nultiple tests	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 49566



Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142 Meigs B #1

DST#: 5

Job Ticket: 49566

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 23:22:38

#### GENERAL INFORMATION:

Formation:

Mississippi/Kinderho

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 01:43:23

Tester:

Leal Cason

KB to GR/CF:

Time Test Ended: 08:00:23

4665.00 ft (KB) To 4793.00 ft (KB) (TVD)

Unit No: 63

2144.00 ft (KB)

Interval: Total Depth:

4793.00 ft (KB) (TVD)

Reference Elevations:

2134.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

10.00 ft

Serial #: 8367 Press@RunDepth:

Outside

4666.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.08.25

End Date:

2012.08.26

Last Calib .:

Start Time:

End Time:

2012.08.26

23:22:39

08:00:23

Time On Btm: Time Off Btm:

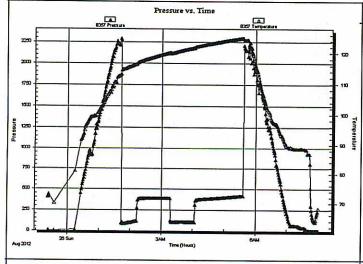
TEST COMMENT: IF: Strong Blow, BOB in 3 minutes

psig @

ISI: Surface Blow Back

FF: Strong Blow, BOB immediate, GTS in 6 minutes, Caught Sample, TSTM

FSI: No Blow Back



	PI	RESSUR	RE SUMMARY
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
		Ŷ	*

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	4570 GIP	0.00
94.00	GCM 2%G 98%M	1.05
		- 9
		<u> </u>
Recovery from n	nultiple tests	

Gas Ra	tes	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 49566



**TOOL DIAGRAM** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

PO Box 40 Spivey KS 67142

Meigs B #1

Job Ticket: 49566

DST#: 5

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 23:22:38

Tool Information

Drill Pipe:

Drill Collar:

Length: 4634.00 ft Diameter: Heavy Wt. Pipe: Length:

Length:

0.00 ft Diameter: 30.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume: Total Volume:

0.00 bbl 0.15 bbl 65.15 bbl

65.00 bbl

Tool Weight: 2200.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 75000.00 lb

Tool Chased ft String Weight: Initial

66000.00 lb Final 66000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

Number of Packers:

26.00 ft 4665.00 ft ft

Depth to Bottom Packer: Interval between Packers: 128.00 ft Tool Length:

155.00 ft

2 Diameter:

6.75 inches

Tool Comments: Shale Packer On Bottom

<b>Tool Description</b>	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4643.00	Zengane
Hydraulic tool	5.00			4648.00	
Jars	5.00			4653.00	
Safety Joint	2.00			4655.00	100
Packer	5.00			4660.00	27.00 Bottom Of Top Packet
Packer	5.00			4665.00	2000 Top racket
Stubb	1.00			4666.00	
Recorder	0.00	6798	Inside	4666.00	
Recorder	0.00	8367	Outside	4666.00	
Perforations	13.00		(0.0)	4679.00	
Change Over Sub	1.00			4680.00	
Drill Pipe	94.00			4774.00	
Change Over Sub	1.00			4775.00	
Perforations	15.00			4790.00	
Bullnose	3.00			4793.00	128.00 Bottom Packers & Anchor

Total Tool Length:

155.00

Trilobite Testing, Inc

Ref. No: 49566



**FLUID SUMMARY** 

Wildcat Oil & Gas

16-28s-16w Kiowa, KS

Meigs B #1

PO Box 40 Spivey KS 67142

Job Ticket: 49566

DST#: 5

ATTN: Steve Van Buskirk

Test Start: 2012.08.25 @ 23:22:38

**Mud and Cushion Information** 

Mud Type: Gel Chem

9.00 lb/gal 49.00 sec/qt

Mud Weight:

Viscosity: Water Loss:

Resistivity:

Salinity: Filter Cake: 12.39 in<sup>3</sup> 0.00 ohm.m

8000.00 ppm 0.02 inches Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API ppm

ft bbl

psig

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
0.00	4570 GIP	0.000
94.00	GCM 2%G 98%M	1.045

Total Length:

94.00 ft

Total Volume:

1.045 bbl

Num Fluid Samples: 0

Laboratory Name:

Recovery Comments:

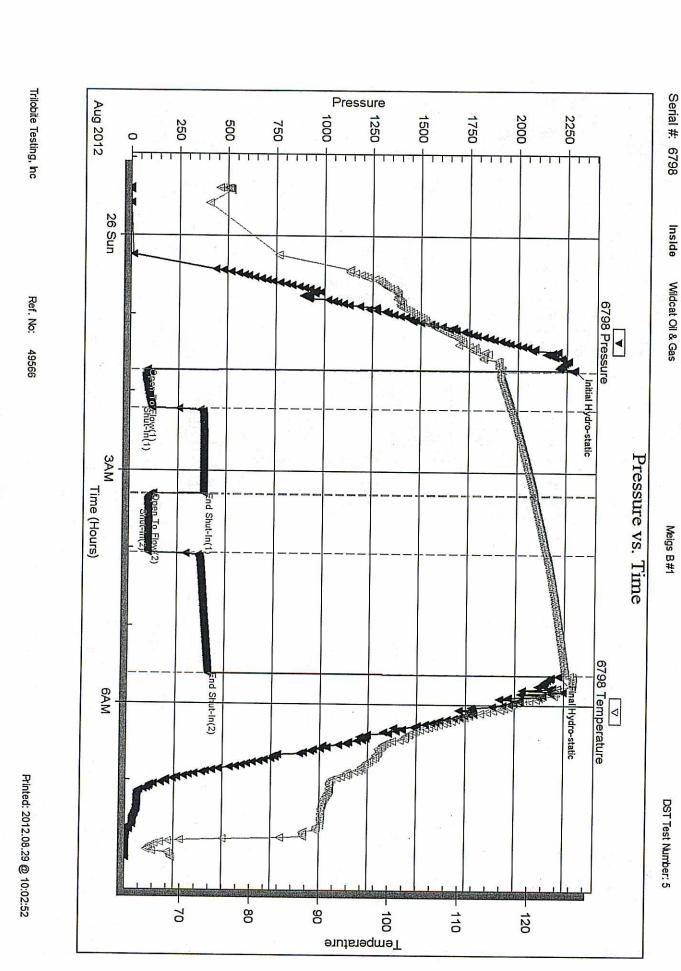
Num Gas Bombs: 0

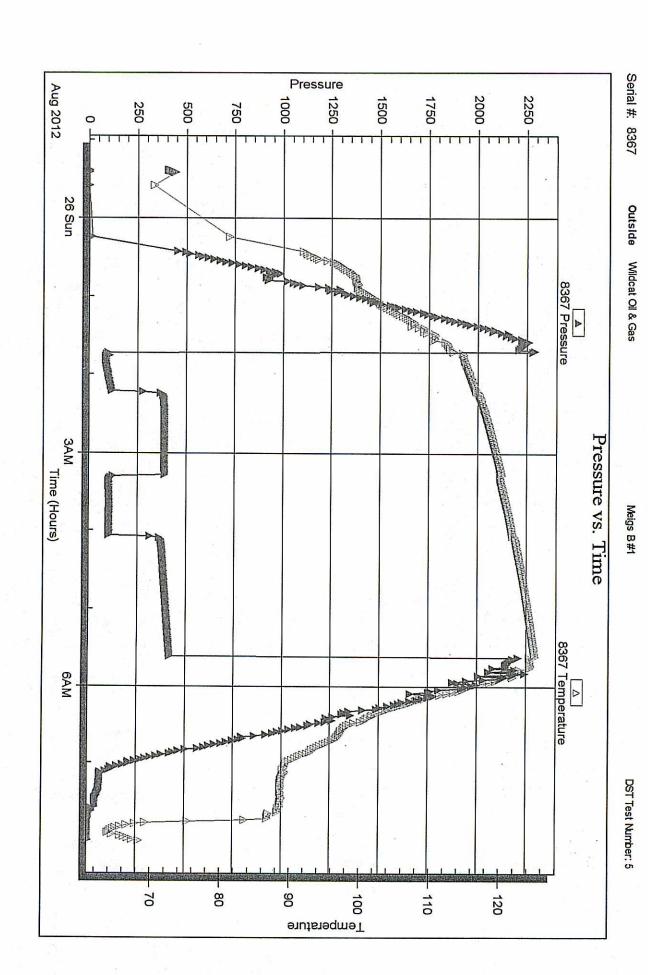
Laboratory Location:

Serial #:

Trilobite Testing, Inc

Ref. No: 49566





Trilobite Testing, Inc

Ref. No: 49566



P.O. Box 1733 • Hays, Kansas 67601

## **Test Ticket**

Company Wildert Oiles gas Bevation 215/4 k8 215/4 ol. Address POJDX 40 Spivey KS 67142  Co. Rep / Geo. Gy/Y Adelhard + Rig Va   FF5 Location: Sec.   Go Twp. 285   Rge.   Gw Co. Kidwa State KS  Interval Tested 4169 4207   Zone Tested 42 KS ing A Anchor Length 38   Orill Pipe Run   Holl   Mud Wr. 4.3  Top Packer Depth 4169   Drill Collars Run O Vis 56  Bottom Packer Depth 4169   Wil. Pipe Run G Chloridies 8,000   ppm System LCM O  Blow Description It STROCKS   Dious BOB 305 30 Sec C  TST NO 6   Dow Back   Stroke Spilos BOB 305 Sec C  HST Poet of 1240 GIP   Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos BOB 305 Sec C  HST Poet of W, M Stages Sooil Wwater Stroke Spilos Spilo	Well Name & No. Meigs - 3#		1 Date 9-21-12
Address IDDX 40 SPIVCY KS 67142  Co. Rep / Geo. SAY Adelhard + Rig Va   TF 5 Location: Sec.   Twp. 285   Rige.   BW   Co. Ki Owa   State   KS   Interval Tested   H169   H207   Zone Tested   LAKSING A   Anchor Length 38   Drill Pipe Run   H161   Mud WI. 9. 3  Top Packer Depth   H169   Drill Collars Run 0   Vis   S6   Bottom Packer Depth   H169   WI. Pipe Run   Co. Citiorides   Right Collars Run 0   Vis   S6   Bottom Packer Depth   H169   WI. Pipe Run   Co. Citiorides   Right Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   S6   Blow Description   Te S T Right   Diel Collars Run 0   Vis   Vis			The state of the s
Co. Rep / Geo.	Address Po Box 40 St		
Location: Sec.   6			# 5
Anchor Length   38'		7,	VC
Top Packer Depth	Interval Tested 4169 - 4207	Zone Tested Lansing A	
Top Packer Depth		Drill Pipe Run 4161	Mud Wt. 9, 3
Bottom Packer Depth 4207  Total Depth 4207  Total Depth 4207  Chlorides 8,000 ppm System LCM 0  Blow Description It 57Rckg 10 ox BOB 30 sec.  IST No 6 ox Bottom Bottom Bob 30 sec.  TST No 6 ox Bottom Bob 30 sec.  Foet of 1240 GTP %gas %oil %water %mud %gas %oil %water %mud Rec Feet of %gas %oil %water %mud Rec Feet of %gas %oil %water %mud Rec Feet of 84gas %oil %	Top Packer Depth 4 164	Drill Collars Run 💆	
Total Depth	Bottom Packer DepthH_69	Wt. Pipe Run	
Blow Description   1	Total Depth 4207	0000	
STrong   Dow   Borg   Osec	Blow Description IF 5 TROKG bl	ow BOB BOSEC	
Rec			
Rec	FF STrong blow BOB,	10Sec	<del></del>
Rec	1.6		
Rec	Rec Feet of 1240' G	IP %gas	%oil %water %mur
Rec	Rec 540' Feet of W, M	ACC	70 60
Rec	Rec Feet of		
Rec			The second visit of
Rec Total #0 BHT / O Gravity API RW / 9 6 4 °F Chlorides 90 000 ppm  (A) Initial Hydrostatic / 9 6 / 8 Chlorides 90 000 ppm  (B) First Initial Flow / S			
(A) Initial Hydrostatic	Rec Total 40 BHT 12 (		14 - 4000
(B) First Initial Flow	(A) Initial Hydrostatic 1961		
(C) First Final Flow 7   Safety Joint 75   T-Open 3:48   (D) Initial Shut-In // 29   Circ Sub   T-Pulled 6:50   (E) Second Initial Flow 23   Hourly Standby   Comments   (F) Second Final Flow 80   Mileage 50 miles 77.50   (G) Final Shut-In 925   Sampler   (H) Final Hydrostatic 1960   Straddle   Ruined Shale Packer   Initial Open 30   Extra Packer   Ruined Packer   Initial Shut-In 60   Extra Recorder   Sub Total 0   Final Flow 30   Day Standby   Total 1652.50   Final Shut-In 60   Accessibility   MP/DST Disc't   Sub Total 1652.50   Our Representative	(B) First Initial Flow	Jars 250	) 2 : ) )
(E) Second Initial Flow 23	(C) First Final Flow7		3.110
(E) Second Initial Flow 33	(D) Initial Shut-In 1129	The second secon	T-Pulled 6:50
(F) Second Final Flow 80	(E) Second Initial Flow 23		T-Out 8:00
(G) Final Shut-In 925	(F) Second Final Flow 82	_ Mileage 50 miles 77.50	Comments
Straddle	(G) Final Shut-In 925		
Initial Open 30	(H) Final Hydrostatic		The same same same same same same same sam
Initial Open 30			
Initial Shut-In 60	Initial Open 30		
Final Flow	Initial Shut-In 60		
Approved By  Approved By  Approved By  Trilobite Testing Inc. shall not be liable for damaged of any kind of the property of corrected of the property of the property of corrected of the property of corrected of the property of the prope	Final Flow 30	The State of the S	
Approved By Sub Total 1652.50  Our Representative Chris Start  Trilobite Testing Inc. shall not be liable for damaged of any kind of the property of excessed of the property of the p	Final Shut-In 60		
Approved By	00 11/4		WIF/DST DISCT
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property of consequence of the property of the p	Approved By Sahl	-	hin State
	Trilobite Testing Inc. shall not be liable for damaged of any kind of the prop	arty or paragonal of the and for the	lered or sustained, directly or indirectly, through the use of its



P.O. Box 1733 • Hays, Kansas 67601

## **Test Ticket**

					17 N. Problems		
Well Name & No.	Meigs B	_/		Test No	2	Date 08/	24/12
Company_Wil	d Cat Oil	+ Gas		Elevation		KB 2/3 4	
Address PO	30x 40 Sp	IVEY, KS	67142				
	ieve Van Bi				5		
	16 Twp. 2			Co. KiOW		State &	-5
Interval Tested 4	653 -	4708 zo	one Tested	berakee			
				46	77	Mud Wt. 93	<u> </u>
Top Packer Depth		1,110		- 70		Vis 9 9	
Bottom Packer Depti		1657			ere Art Joseph et al. e. C		
Total Depth	The Extension of the State of t			7000 pp	description of the second	LCM 2	
	The best of the second state of the second state of	The second secon	. ? ·		in System	LCM	
ISI: NO	TF: Strong B	40 W, 10013 ; I	אואווימיי ב	3, 615 141	2 MINNIE	5, 13/M, Can	15ht Samp
	Blow, BOB	OTC To see	1. 4- T	Taa			
FSZ: NOB	low Back	- O / S _ L YNIFIEO	17a1e, 10	1701			
	Feet of GTP			%gas	06 - 11		
	Feet of GCM	The state of the s		5 %gas	%oil	%water	%mu
	Feet of	Contrated the Property of the Contrated			%oil	%water	95 %mu
Rec	Feet of	- the country to the second state of the second		%gas	%oil	%water	
	Feet of			%gas	%oil	%water	%mu(
		CHARLES AND SECURITION OF STREET, AND ADDRESS.	NIT .	%gas	%oil	%water	%muc
(A) Initial Hydrostatic			st1250	API HW 772			ррп
(B) First Initial Flow_		13 (1)-Jar				ocation <u>08:15</u> ted <u>08:44</u>	
	10	7				n_ 10:17	
(D) Initial Shut-In	회원 경상하다는 그 경우는 그녀를		fety Joint 75			ed 14:04	
(E) Second Initial Flow		26	c Sub	The second second	T-Out		
(F) Second Final Flow		U NO	urly Standby	77.50	Comm	ents	
(G) Final Shut-In	211	7			-		
		G 3ai	mpler		-		
(H) Final Hydrostatic	11					ined Shale Packer_	
(H) Final Hydrostatic_					iu	ineu Shale Facker_	
		□ Sha	ale Packer		□ Ru	ined Shale Facker	
Initial Open		30 🗆 Ext	ale Packer ra Packer			ined Packer tra Copies	
Initial Open		30   Ext	ale Packer ra Packer ra Recorder		-	ined Packer tra Copies tal0	
(H) Final Hydrostatic _ Initial Open Initial Shut-In Final Flow Final Shut-In		30	ale Packer ra Packer ra Recorder v Standby			ined Packer tra Copies tal0 1652.50	
Initial Open		30	ale Packer ra Packer ra Recorder r Standby ressibility			ined Packer tra Copies tal0	
Initial Open Initial Shut-In Final Flow		30	ale Packer ra Packer ra Recorder r Standby ressibility ral1652.50			ined Packer tra Copies tal0 1652.50	



P.O. Box 1733 • Hays, Kansas 67601

## **Test Ticket**

Well Name & No. Men	95 B 1		Test No	3	Date <u>08/2</u>	5/12
Company Wild Ca			Elevation_	2144	KB_2/34	GL
Address <u>FO BOX</u>						
Co. Rep / Geo. Steve			Rig Val	5		
Location: Sec	Twp. <u>285</u>	Rge	co. <u>Kio</u> l	va	State KJ	ſ
Interval Tested 4708	- 479	Zone Tested	Mississipp	Kind	echoele	
Anchor Length	85		46			
Top Packer Depth	4703					
Bottom Packer Depth	4703			STATE OF THE PARTY	WL 12.4	
Total Depth	4793		7000 PI	ALCOTTON OF THE PROPERTY.	LCM 4	
Blow Description Porck	er Failure T	ried to SET	twice Pu	lled Too	7	
•						
Rec <u>) 180</u> Feet (	of Mnd		%gas	%oil	%water	%mu
Rec Feet of	of		%gas	%oil	%water	%ти
Rec Feet o	of		%gas	%oil		%mu
Rec Feet o	of		%gas	%oil		
Rec Feet o			%gas	%oil	70.00	%mu
Rec Total	2 внт/20	Gravity VIC	API BW N//	a V// °	%water	%mud
A) Initial Hydrostatic	2363	D Test 1050	<b>10</b> ************************************		ocation 07:30	ppn
B) First Initial Flow	NIA	1 Jars 250			ted07:54	
C) First Final Flow	NIA	Safety Joint 7	5	T-Ope	1 (61-	39
D) Initial Shut-In	NIA	☐ Circ Sub		T-Pulle		
E) Second Initial Flow	NIA	☐ Hourly Standby		T-Out	11:34	
F) Second Final Flow	N/A	W Mileage 50	Contract of the Market	Comm	ents	
G) Final Shut-In	NIA	☐ Sampler				
H) Final Hydrostatic	2328	☐ Straddle				
			A DAY WILLIAM OF A THE	- u nu	ined Shale Packer	
nitial Open	NA	☐ Shale Packer		- 110	ined Packer	
nitial Shut-In	NIA	☐ Extra Packer		- LAI	ra Copies	
inal Flow	NIA	☐ Extra Recorder	The Market Strain Strain Control		tal 0	
inal Shut-In	NIA	☐ Day Standby			1452.50	
	1	Accessibility		_ MP/DS	ST Disc't	
10	111	di				
pproved By	1/R.1	Sub Total 1452.50		_	<b>~</b>	



P.O. Box 1733 • Hays, Kansas 67601

## **Test Ticket**

				1	Date <u>68/25/</u>	/2
B 전에 하면 되는 보고 있었다. 스타트 스타트 프로그램 그리고 있다. 그리고 있다.			Elevation	2/44	кв 2134	GL
Address <u>PO Box</u>						
Co. Rep / Geo. STEVE		Michigan Caraca Sensette Control Control Control Control		5		
Location: Sec	6 Twp. <u>295</u>	Rge/6 W	co. Kiowa	7	State KS	
Interval Tested 469	8 - 4793 95	Zone Tested _M	iss iss i ppi	/Kino	lechank	
Anchor Length	AND THE PROPERTY OF THE PARTY O	Drill Pipe Run	4,	696	Mud Wt 9. 0	
Top Packer Depth	4693	Drill Collars Run _		0	Vis 5 2	
Bottom Packer Depth	4698	Wt. Pipe Run			WL /2.4	
Total Depth		Chlorides	7000 ppm	System	LCM L/	
Blow Description Pack	er Failure, Tr	ied Twice To -	SET PULLE	d Tres	au	
Rec 130 Feet	of Mud		%gas	%oil	%water	%mu
lec Feet o	of		%gas	%oil	%water	%mu
lec Feet o	of		%gas	%oil	%water	%ти
ec Feet of	of		%gas	%oil	%water	%mu
lec Feet o	A Company of the Comp		%gas	%oil	%water	%mu
Rec Total	внт <u>/2<i>0</i>/</u>	GravityA	PIRW N/C @	NIC.	F Chlorides N/C	ppr
A) Initial Hydrostatic	2334	<b>☑</b> Test <u>1050</u>			ocation _11:36	
3) First Initial Flow	NA	<b>1</b> Jars _ 250		T-Start	ted 11:54	
C) First Final Flow	NIA	Safety Joint 75		T-Ope	13:09	
O) Initial Shut-In	N/A	☐ Circ Sub			ed 13:10	
E) Second Initial Flow	NIA	☐ Hourly Standby	THE PERSON NAMED IN		15:48	
F) Second Final Flow	NIA	☐ Mileage		Comm	ents	
G) Final Shut-In	NIA	☐ Sampler				
d) Final Hydrostatic	2323			— □ Ru	ined Skal- Dat	
		☐ Shale Packer			ined Shale Packer	
itial Open	NIA	☐ Extra Packer			ined Packer	
	NIA	□ Extra Recorder			tra Copies tal0	
itial Shut-In	Production of the second second	The state of the s	terine transfer, mentioned by	545 IO		
	NA	얼마 아이를 하는 것이 없는 것이다. 그렇게 먹는 어디에		Total	1375	
inal Shut-Ininal Flowinal Shut-In	N/A N/A	☐ Day Standby			1375 ST Disc't	
nal Flow	N/A N/A	얼마 아이를 하는 것이 없는 것이다. 그렇게 먹는 어디에			1375 ST Disc't	



P.O. Box 1733 • Hays, Kansas 67601

## **Test Ticket**

Well Name & No. Meigs B	1	Test No	5	Date 08/25/1	/2
Company wild Cat oil +	Gas	Elevation 2	144	KB 2134	GL
Address Po Box 40 Sp	IVEY, KS 6714	2			
Co. Rep / Geo. STEVE Van Bu	iskirk	Ria Val	5		
Location: Sec	285 Rge. 16 W	_co. Kion	ra	State KS	
Interval Tested 46 65 - K		ississippi	To date the state of the state of	and the second of the second o	
		463	All the second of the second o	ud Wt. 9.0	
그 보이 이렇게 있는 것이 하는데 살아왔다면 하게 하게 하는데	0660 Drill Collars Run		Manager and the San	s_49	
	1///			CONTRACTOR CONTRACTOR CONTRACTOR	
	With perion	7000 ppn	Committee of the commit	L_12.9	
Blow Description IF: Strong Blo		ppn	i System LC	м_2	
ISI: Surface Blow Bac	K	אומינט			
		·		<u> </u>	100
FF: Strong Blow, BOB Im	reality GID in 0 mi	nuies, causi	it sumple,	TSIM	Trust of A
Rec 4570 89 Feet of GTP					
Rec 94 Feet of GCM		%gas	%oil	%water	%mud
Rec Feet of		2 %gas	%oil	%water 98	%muc
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%muc
Rec Total 94 BHT 12	oin M	%gas	%oil	%water	%mud
	6 Gravity NC / 9/ 12 Test 1250	APIRW ///C @			ppm
	// (2 Jars 250			ion 21.30	
(C) First Final Flow//6	U Jais			27:22	
(D) Initial Shut-In	<b>-</b> Galety bolin73			<u>01:43</u> 05:36	
(E) Second Initial Flow	G CIRC Sub			08:00	
(F) Second Final Flow / / O /	Hourly Standby	Part of the second of the seco	Comments		
(G) Final Shut-In 4/7		DESCRIPTION OF THE PROPERTY OF THE PARTY OF			
(H) Final Hydrostatic 2225	□ Sampler				Valencia de la
	D Straddle		☐ Ruined	Shale Packer	
Initial Open	O Shale Packer 25		☐ Ruined	Packer	
Initial Shut-In6(	CXIIA FACKEI		☐ Extra C	opies	
Final Flow 43	Extra Recorder		Sub Total _	0	
Final Shut-In 90	U Day Standby		Total 200	2.50	
	Accessibility		MP/DST D	isc't	
	하이 있는 사람들은 교육을 가득하는 것이 없었다면 얼마를 걸려가 했다.			PROPERTY OF THE PROPERTY OF TH	
Approved By	Sub Total 2002.50	Representațive	, , , , ,	2-	