



KANSAS CORPORATION COMMISSION 1119253
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Cyclone Petroleum, Incorporated
Well Name	McCurry 12-2
Doc ID	1119253

All Electric Logs Run

dual induction
comp neu-den
microlog
cement bond



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 255413

Invoice Date: 12/18/2012 Terms:

Page 1

CYCLONE PETROLEUM INC (2004)
1030 WEST MAIN
JENKS OK 74037
(918)291-3200

MCCURRY 12-2
35394
12-23S-3W
12-11-12
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	185.00	14.9500	2765.75
1102	CALCIUM CHLORIDE (50#)	480.00	.7400	355.20
1118B	PREMIUM GEL / BENTONITE	350.00	.2100	73.50
1107	FLO-SEAL (25#)	100.00	2.3500	235.00
4432	8 5/8" WOODEN PLUG	1.00	80.0000	80.00

Description	Hours	Unit Price	Total
446 CEMENT PUMP (SURFACE)	1.00	825.00	825.00
446 EQUIPMENT MILEAGE (ONE WAY)	50.00	4.00	200.00
502 MIN. BULK DELIVERY	1.00	350.00	350.00

Parts: 3509.45 Freight: .00 Tax: 291.29 AR 5175.74
 Labor: .00 Misc: .00 Total: 5175.74
 Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 35394
LOCATION #120 Eldorado
FOREMAN Jacob Storm

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

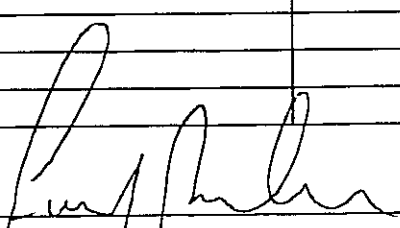
CEMENT

API 15-079-20696-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-11-12	2616	McCurry 12-2	12	23S	3W	Harvey
CUSTOMER Cyclone Petro			Saffy meeting			
MAILING ADDRESS 1030 W main			St			
CITY Jenks			Og			
STATE OK		ZIP CODE 74037				
TRUCK #	DRIVER	TRUCK #	DRIVER			
446	Josh					
502	Steve					
702	Jacob					

JOB TYPE Surface B HOLE SIZE 12 1/4 HOLE DEPTH 810 CASING SIZE & WEIGHT 8 5/8 32 #
 CASING DEPTH 209 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 lb SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 16 #
 DISPLACEMENT 18.02 DISPLACEMENT PSI 300 MIX PSI 200 RATE 5 bpm
 REMARKS: Saffy meeting, Break circulation mix 185 sks, class A 3 1/2 cc 2 1/2 gal 1/2 lb poly flake displace with 18 bbl water circulating cement to surface shut in

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401B	1	PUMP CHARGE	825.00	825.00
5406	50	MILEAGE	4.00	200.00
5407	1	min bulk delivery	350.00	350.00
1104 S	185	class A	14.95	2765.75
1102	480	calcium chloride	.74	355.20
1118 B	350	gel	.21	73.50
1107	100	poly-flake	2.35	235.00
4432	1	8 5/8 wooden plug	80.00	80.00
			Subtotal	4884.45
			SALES TAX	291.29
			ESTIMATED TOTAL	5175.74

AVIN 3737  TITLE 000413 DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE Invoice # 255536

=====
Invoice Date: 12/26/2012 Terms: Page 1

CYCLONE PETROLEUM INC (2004)	MCCURRY 12-2
1030 WEST MAIN	35400
JENKS OK 74037	12-23S-3W
(918)291-3200	12-17-12
	KS

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	190.00	19.2000	3648.00
1110A	KOL SEAL (50# BAG)	950.00	.4600	437.00
1144G	MUD FLUSH (SALE)	500.00	1.0500	525.00
4139	TURBOLIZER 4 1/2"	6.00	60.0000	360.00
4161	FLOAT SHOE 4 1/2" AFU	1.00	286.0000	286.00
4453	4 1/2" LATCH DOWN PLUG	1.00	232.0000	232.00

Description	Hours	Unit Price	Total
TECH EQUIPMENT STAND-BY ON LOCATION	6.00	84.00	504.00
502 MIN. BULK DELIVERY	1.00	350.00	350.00
603 CEMENT PUMP	1.00	1030.00	1030.00
603 EQUIPMENT MILEAGE (ONE WAY)	50.00	4.00	200.00
603 CASING FOOTAGE	860.00	.22	189.20

=====
Parts: 5488.00 Freight: .00 Tax: 455.51 AR 8216.71
Labor: .00 Misc: .00 Total: 8216.71
Sublt: .00 Supplies: .00 Change: .00
=====

Signed _____ Date _____



ENTERED

TICKET NUMBER 35400
LOCATION #180
FOREMAN Jacob storm

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT

Ap: 15-07A-2069600-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-17-12	2616	mccarry 12-2	12	235	3w	Harro
CUSTOMER Cyclone peto			Safety meeting JB JS SD			
MAILING ADDRESS 1030 W main			TRUCK#	DRIVER	TRUCK#	DRIVER
CITY Jenks			STATE OK	ZIP CODE 74037		
			603	Jeff		
			502	Steve		
			702	Jacob		

JOB TYPE Longstring B HOLE SIZE 7 7/8 HOLE DEPTH 3360 CASING SIZE & WEIGHT 4 1/2 11.6
 CASING DEPTH 3345 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15 lb SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 ft
 DISPLACEMENT 51.84 DISPLACEMENT PSI 800 MIX PSI 300 RATE 6.8 bpm

REMARKS: Safety meeting Break circulation pump 5 bbl water
10 bbl Dv 1100 5 bbl water, mix 150 sks thickset 5/16 ds
displace with 51.84 bbl landing plug at 1500 psi
plug Rat hole with 35 sks thick set and mouse hole
with 15 sks thickset

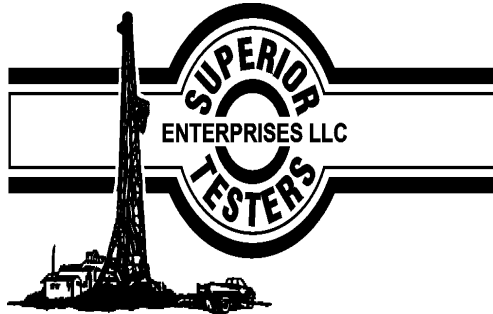
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	50	MILEAGE	4.00	200.00
5407	1	min bulk delivery	350.00	350.00
5402	860	footage	.22	189.20
1126A	190	Thick set	19.20	3648.00
1110A	950	Kol-seal	.46	437.00
1144G	500	Dv 1100	1.05	525.00
4139	6	4 1/2 Turbo centralizer	60.00	360.00
4161	1	4 1/2 AFW Float Star	286.00	286.00
4453	1	4 1/2 Latch down plug	232.00	232.00
5404	6	Stand by	84.00	504.00
			Subtotal:	7161.50
			SALES TAX	455.51
			ESTIMATED	
			TOTAL	8216.11

Rev'n 5737

255536

AUTHORIZATION Michael Blanton TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



DRILL STEM TEST REPORT

Prepared For: **Cyclone Petroleum, Incorporated**

1030 West Main Jenks Oklahoma 74037

ATTN: Steve Miller

McCurry 12-2

12-23s-3w-Harvey

Start Date: 2012.12.16 @ 03:17:00

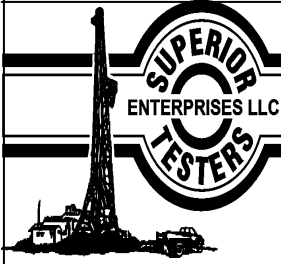
End Date: 2012.12.16 @ 08:12:30

Job Ticket #: 17715 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.12.16 @ 20:25:36

Cyclone Petroleum, Incorporated
12-23s-3w-Harvey
McCurry 12-2
DST # 2
Mississippi
2012.12.16



DRILL STEM TEST REPORT

Cyclone Petroleum, Incorporated
 1030 West Main Jenks Oklahoma 74037
 ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
 Job Ticket: 17715 **DST#: 2**
 Test Start: 2012.12.16 @ 03:17:00

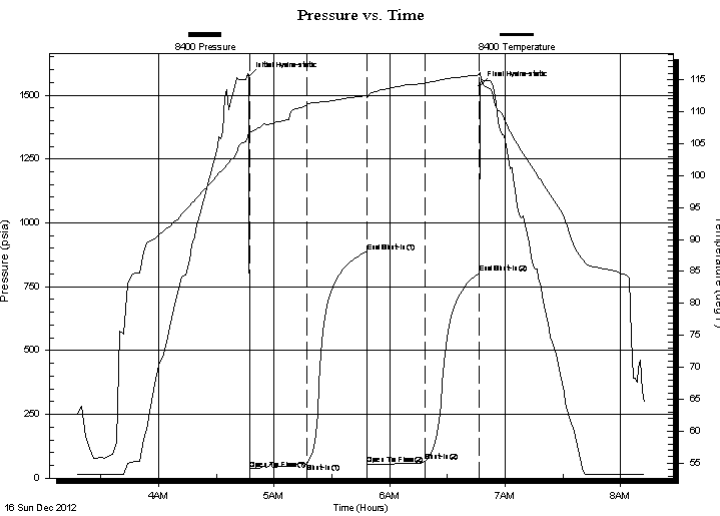
GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:47:30
 Time Test Ended: 08:12:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-190
 Interval: **3265.00 ft (KB) To 3290.00 ft (KB) (TVD)**
 Total Depth: 3290.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1432.00 ft (KB)
 1424.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400

Press@RunDepth: 802.67 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.16 End Date: 2012.12.16 Last Calib.: 2012.12.16
 Start Time: 03:17:00 End Time: 08:12:30 Time On Btm: 2012.12.16 @ 04:47:00
 Time Off Btm: 2012.12.16 @ 06:47:00

TEST COMMENT: 1st Open 30 minutes Weak Building blow blew 2 inches.
 1st Shut in 30 minutes No blow back
 2nd Open 30 minutes Weak blow blew 1/2 inch.
 2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

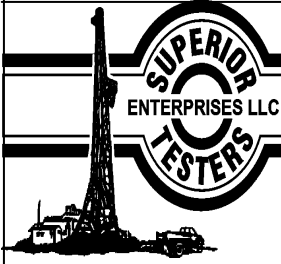
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1574.62	106.96	Initial Hydro-static
1	36.20	106.77	Open To Flow (1)
30	58.47	111.07	Shut-In(1)
61	887.49	112.51	End Shut-In(1)
62	55.48	112.22	Open To Flow (2)
92	67.26	114.42	Shut-In(2)
120	802.67	115.72	End Shut-In(2)
120	1537.25	116.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud	0.70

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Cyclone Petroleum, Incorporated
 1030 West Main Jenks Oklahoma 74037
 ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
 Job Ticket: 17715 **DST#: 2**
 Test Start: 2012.12.16 @ 03:17:00

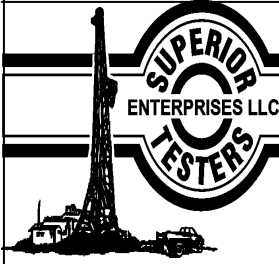
Tool Information

Drill Pipe:	Length: 3262.00 ft	Diameter: 3.80 inches	Volume: 45.76 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	59000.00 lb
			<u>Total Volume: 45.76 bbl</u>	Tool Chased	4.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3265.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	5.00 ft				
Tool Length:	25.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut-In Tool	5.00			3250.00	
Hydraulic Tool	5.00			3255.00	
Packer	5.00			3260.00	20.00 Bottom Of Top Packer
Packer	5.00			3265.00	
Anchor	0.00			3265.00	
Recorder	1.00	6663	Inside	3266.00	
Recorder	1.00	8400	Outside	3267.00	
Bullnose	3.00			3270.00	5.00 Bottom Packers & Anchor

Total Tool Length: 25.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Cyclone Petroleum, Incorporated
1030 West Main Jenks Oklahoma 74037
ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
Job Ticket: 17715 **DST#: 2**
Test Start: 2012.12.16 @ 03:17:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.40 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	700.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Mud	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

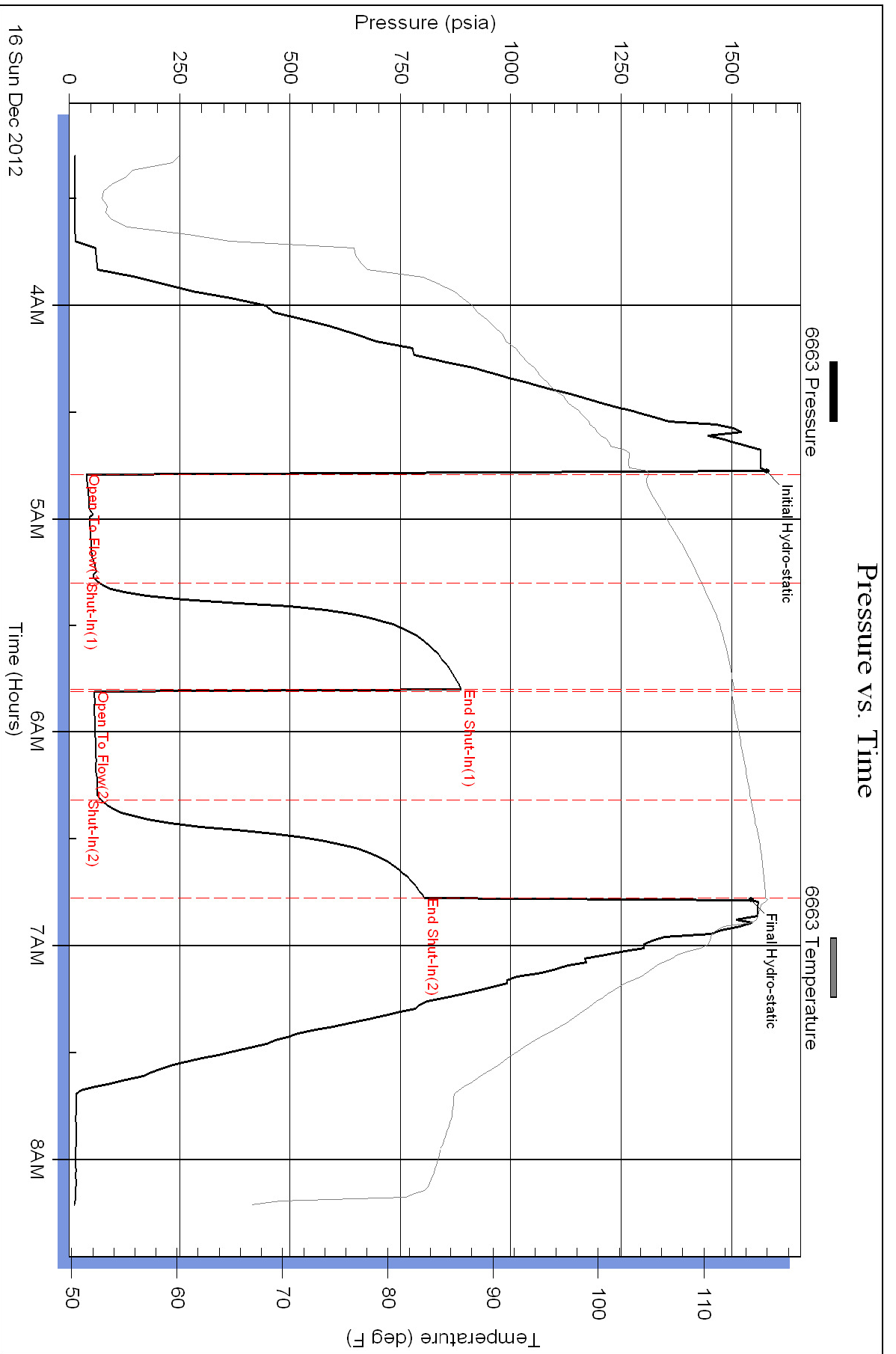
Num Gas Bombs: 0

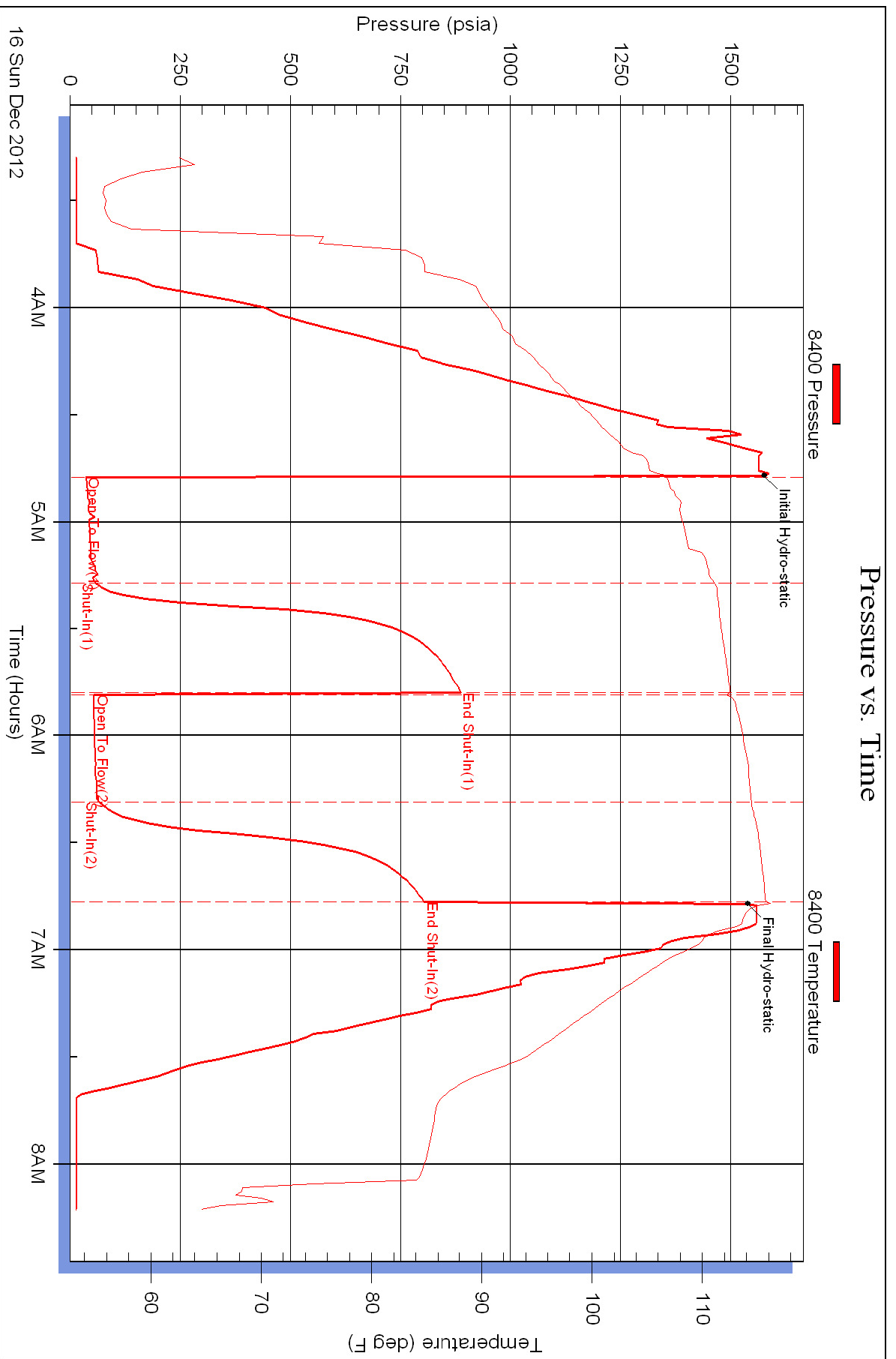
Serial #:

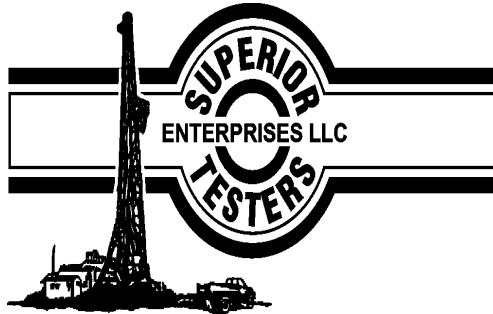
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Cyclone Petroleum, Incorporated**

1030 West Main Jenks Oklahoma 74037

ATTN: Steve Miller

McCurry 12-2

12-23s-3w-Harvey

Start Date: 2012.12.16 @ 12:33:00

End Date: 2012.12.16 @ 18:50:00

Job Ticket #: 17714 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.12.16 @ 07:05:34

Cyclone Petroleum, Incorporated

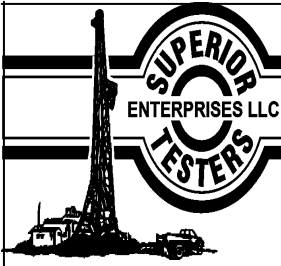
12-23s-3w-Harvey

McCurry 12-2

DST # 1

Mississippi

2012.12.16



DRILL STEM TEST REPORT

Cyclone Petroleum, Incorporated
 1030 West Main Jenks Oklahoma 74037
 ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
 Job Ticket: 17714 **DST#: 1**
 Test Start: 2012.12.16 @ 12:33:00

GENERAL INFORMATION:

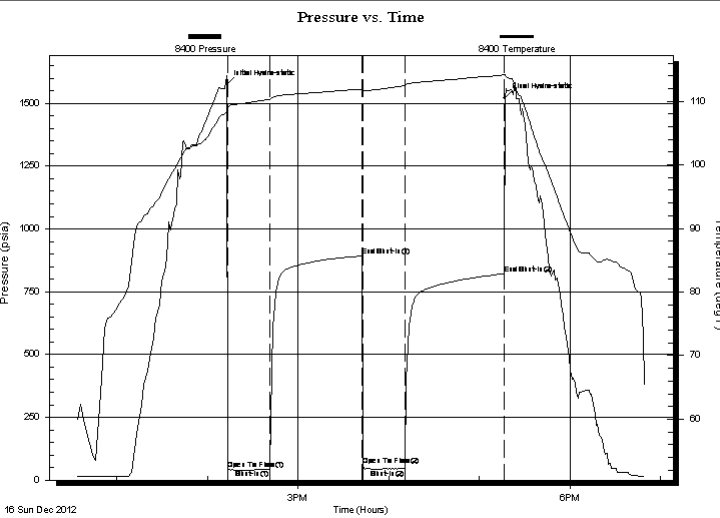
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:13:30
 Time Test Ended: 18:50:00
Interval: 3240.00 ft (KB) To 3265.00 ft (KB) (TVD)
 Total Depth: 3265.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-190
 Reference Elevations: 1432.00 ft (KB)
 1424.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400

Press@RunDepth: 821.25 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.16 End Date: 2012.12.16 Last Calib.: 2012.12.16
 Start Time: 12:33:00 End Time: 18:50:00 Time On Btm: 2012.12.16 @ 14:13:00
 Time Off Btm: 2012.12.16 @ 17:17:00

TEST COMMENT: 1st Open 30 minutes Strong blow bottom bucket instantly
 1st Shut in 60 minutes No blow back
 2nd Open 30 minutes Strong blow blew off bottom bucket instantly
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

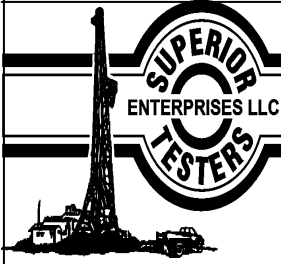
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1573.31	108.82	Initial Hydro-static
1	43.54	109.07	Open To Flow (1)
29	42.00	110.30	Shut-In(1)
90	892.33	111.93	End Shut-In(1)
90	57.03	111.60	Open To Flow (2)
118	44.93	112.43	Shut-In(2)
184	821.25	114.15	End Shut-In(2)
184	1522.43	114.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud 100%	0.49

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.30	3.65
Last Gas Rate	0.25	2.30	3.65



DRILL STEM TEST REPORT

TOOL DIAGRAM

Cyclone Petroleum, Incorporated
 1030 West Main Jenks Oklahoma 74037
 ATTN: Steve Miller

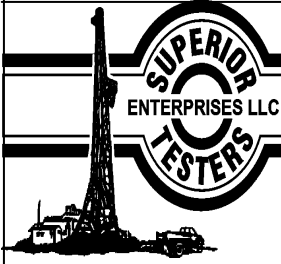
12-23s-3w-Harvey
McCurry 12-2
 Job Ticket: 17714 **DST#: 1**
 Test Start: 2012.12.16 @ 12:33:00

Tool Information

Drill Pipe:	Length: 3222.00 ft	Diameter: 3.80 inches	Volume: 45.20 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 45.20 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3240.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			3217.00	
Hydraulic Tool	5.00			3222.00	
Safety Joint	2.00			3224.00	
Jars	6.00			3230.00	
Packer	5.00			3235.00	28.00 Bottom Of Top Packer
Packer	5.00			3240.00	
Anchor	20.00			3260.00	
Recorder	1.00	6663	Inside	3261.00	
Recorder	1.00	8400	Outside	3262.00	
Bullnose	3.00			3265.00	25.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Cyclone Petroleum, Incorporated
1030 West Main Jenks Oklahoma 74037
ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
Job Ticket: 17714 **DST#: 1**
Test Start: 2012.12.16 @ 12:33:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

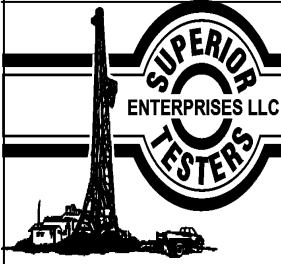
Length ft	Description	Volume bbl
35.00	Mud 100%	0.491

Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Cyclone Petroleum, Incorporated
1030 West Main Jenks Oklahoma 74037
ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
Job Ticket: 17714 **DST#: 1**
Test Start: 2012.12.16 @ 12:33:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
1	20	0.25	2.30	3.65
1	20	0.25	2.30	3.65

