



**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 Recompletion Date      Date Reached TD      Completion Date or 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: \_\_\_\_\_



1085346

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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PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 131294  
Invoice Date: May 25, 2012  
Page: 1



<b>Bill To:</b>
Wildcat Oil & Gas P O Box 40 Spivey, KS 67142

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Wild	Johnson Farms #2	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Medicine Lodge	May 25, 2012	6/24/12

Quantity	Item	Description	Unit Price	Amount
120.00	MAT	Class A Common	16.25	1,950.00
80.00	MAT	Pozmix	8.50	680.00
4.00	MAT	Gel	21.25	85.00
7.00	MAT	Chloride	58.20	407.40
226.08	SER	Cubic Feet	2.10	474.75
197.54	SER	Ton Miles	2.35	464.20
1.00	SER	Surface	1,125.00	1,125.00
20.00	SER	Heavy Vehicle Mileage	7.00	140.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
1.00	CEMENTER	Jason Thimesch		
1.00	CEMENTER	Matt Thimesch		
1.00	OPER ASSIST	Joe Hawk		
1.00	OPER ASSIST	Jozsef Fejos		

RECEIVED JUN 04 2012

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

\$ 1081.27

ONLY IF PAID ON OR BEFORE  
Jun 19, 2012

Subtotal	5,406.35
Sales Tax	196.71
Total Invoice Amount	5,603.06
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,603.06</b>

# ALLIED OIL & GAS SERVICES, LLC 053809

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge KS

DATE <u>05/25/2012</u>	SEC <u>77</u>	TWP <u>30s</u>	RANGE <u>7w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Johnson Farms</u>	WELL # <u>2</u>	LOCATION <u>Spirey KS, South 1 mile, East</u>			COUNTY <u>Kingman</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		3mi North into					

CONTRACTOR Hardt  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 232  
 CASING SIZE 8 5/8 DEPTH 232  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 12  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 14

OWNER wild cat Oil + Gas  
 CEMENT  
 AMOUNT ORDERED 200x 60:40:2% Gcl + 3% cc

COMMON <u>Class A</u>	<u>120x @</u>	<u>16.25</u>	<u>1950</u>
POZMIX	<u>80sx @</u>	<u>8.50</u>	<u>680</u>
GEL	<u>4sx @</u>	<u>21.25</u>	<u>85</u>
CHLORIDE	<u>7sx @</u>	<u>58.20</u>	<u>407.40</u>
ASC	@		
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING	<u>211sx @</u>	<u>2.25</u>	<u>474.75</u>
MILEAGE	<u>211 x 20 x .11</u>		<u>464.20</u>
TOTAL			<u>4061.35</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Jason Thinesch  
 # 471/202 HELPER Matt Thinesch  
 BULK TRUCK  
 # 264 DRIVER Joe Hank, Jozep Felas  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Did circ cement

Thank you

CHARGE TO: wild cat oil + Gas  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>232</u>		<u>#125</u>
PUMP TRUCK CHARGE			<u>1125</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>20</u>	@ <u>7</u>	<u>140</u>
MANIFOLD	@		
<u>LV</u>	<u>20</u>	@ <u>4</u>	<u>80</u>
	@		
TOTAL			<u>1345</u>

**PLUG & FLOAT EQUIPMENT**

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
TOTAL			_____

To: Allied Oil & Gas Services, LLC.  
 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 TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Scott Adelhardt  
 SIGNATURE Scott Adelhardt

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 5406.35  
 DISCOUNT 20% IF PAID IN 30 DAYS  
NET 4325.08

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 131417

Invoice Date: Jun 3, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361



RECEIVED JUN 18 2012

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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Wild	Johnson Farms#2	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Medicine Lodge	Jun 3, 2012	7/3/12

Quantity	Item	Description	Unit Price	Amount
93.00	MAT	Class A Common	16.25	1,511.25
62.00	MAT	Pozmix	8.50	527.00
5.00	MAT	Gel	21.25	106.25
160.00	SER	Handling	2.25	360.00
20.00	SER	Ton Miles	17.60	352.00
1.00	SER	Rotary Plug	1,925.00	1,925.00
20.00	SER	Heavy Vehicle Mileage	7.00	140.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
1.00	CEMENTER	Matt Thimesch		
1.00	EQUIP OPER	Derek Gibbons		
1.00	OPER ASSIST	Troy Lenz		

Subtotal	5,001.50
Sales Tax	315.09
Total Invoice Amount	5,316.59
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,316.59</b>

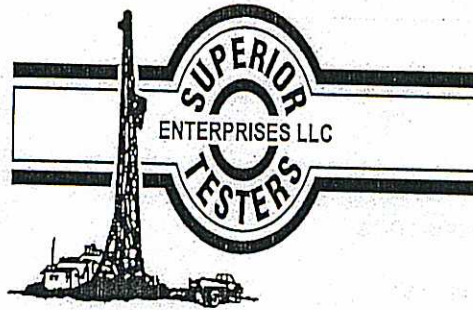
ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1000.30

ONLY IF PAID ON OR BEFORE

Jun 28, 2012





## DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil and Gas LLC.**

Po box40 Spivey Kansas  
67142

ATTN: Tim Pierce

**Johnson Farms #2**

**17-30s-7w-Kingman**

Start Date: 2012.06.01 @ 03:30:00

End Date: 2012.06.01 @ 10:22:30

Job Ticket #: 17300                      DST #: 1

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

Printed: 2012.06.11 @ 08:17:07

Wildcat Oil and Gas LLC.

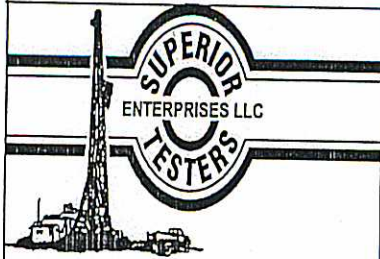
17-30s-7w-Kingman

Johnson Farms #2

DST # 1

Kansas City

2012.06.01



# DRILL STEM TEST REPORT

Wildcat Oil and Gas LLC.

17-30s-7w-Kingman

Po box 40 Spivey Kansas  
67142

Johnson Farms #2

ATTN: Tim Pierce

Job Ticket: 17300

DST#: 1

Test Start: 2012.06.01 @ 03:30:00

## GENERAL INFORMATION:

Formation: Kansas City  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:39:00  
 Time Test Ended: 10:22:30  
 Interval: 3655.00 ft (KB) To 3664.00 ft (KB) (TVD)  
 Total Depth: 3664.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 3315-Pratt-95  
 Reference Elevations: 1475.00 ft (KB)  
 1465.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: 8405 Outside

Press@RunDepth: 141.13 psig @ 3666.00 ft (KB)

Start Date: 2012.06.01

End Date:

2012.06.01

Start Time: 03:31:00

End Time:

10:22:30

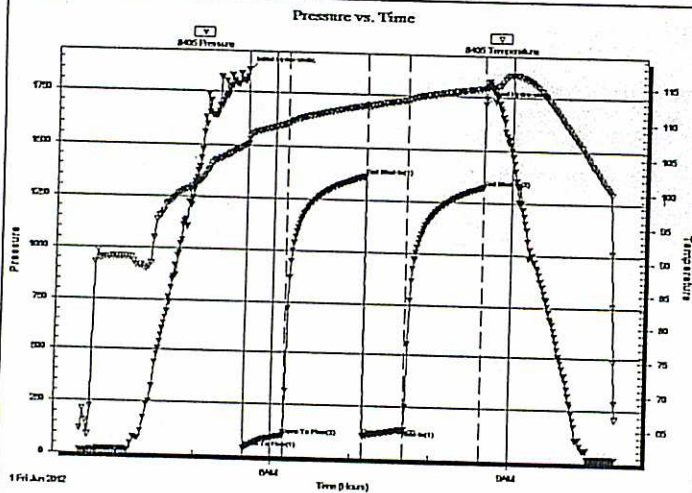
Capacity: 5000.00 psig

Last Calib.: 2012.06.01

Time On Btm: 2012.06.01 @ 05:38:30

Time Off Btm: 2012.06.01 @ 08:39:00

TEST COMMENT: 1st Open 30 Minutes Fair building blow blew 8.5 inches into bucket.  
 1st Shut in 60 minutes No blow.  
 2nd Open 30 Minutes Fair building blow blew 4 inches into bucket  
 2nd Shut in 60 Minutes No blow.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1846.95	106.22	Initial Hydro-static
1	33.84	106.35	Open To Flow (1)
31	101.59	109.35	Open To Flow (2)
91	1365.12	112.18	End Shut-In(1)
91	109.38	111.72	Open To Flow (3)
122	141.13	113.10	Shut-In(1)
180	1326.07	114.91	End Shut-In(2)
181	1711.38	115.05	Final Hydro-static

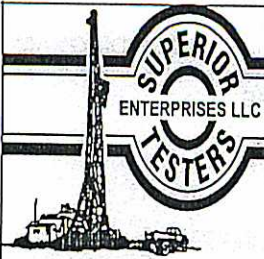
## Recovery

Length (ft)	Description	Volume (bbl)
195.00	Muddy water Mud 30% Water 70%	1.28
0.00	Chlorides 96000 @72degrees	0.00

## Gas Rates

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





# DRILL STEM TEST REPORT

Wildcat Oil and Gas LLC.  
 Po box40 Spivey Kansas  
 67142  
 ATTN: Tim Pierce

**17-30s-7w-Kingman**  
**Johnson Farms #2**  
 Job Ticket: 17300 DST#: 1  
 Test Start: 2012.06.01 @ 03:30:00

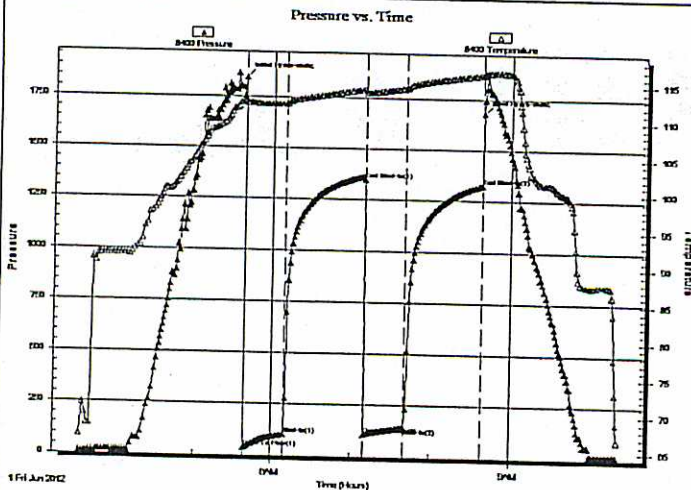
## GENERAL INFORMATION:

Formation: **Kansas City**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: 05:39:00  
 Time Test Ended: 10:22:30  
 Interval: **3655.00 ft (KB) To 3664.00 ft (KB) (TVD)**  
 Total Depth: **3664.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Dustin Ellis**  
 Unit No: **3315-Pratt-95**  
 Reference Elevations: **1475.00 ft (KB)**  
**1465.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

Serial #: **8400** Inside  
 Press@RunDepth: **1325.88 psig @ 3665.00 ft (KB)** Capacity: **5000.00 psig**  
 Start Date: **2012.06.01** End Date: **2012.06.01** Last Calib.: **2012.06.01**  
 Start Time: **03:31:00** End Time: **10:23:00** Time On Btm: **2012.06.01 @ 05:38:30**  
 Time Off Btm: **2012.06.01 @ 08:39:00**

TEST COMMENT: 1st Open 30 Minutes Fair building blow blew 8.5 inches into bucket.  
 1st Shut in 60 minutes No blow.  
 2nd Open 30 Minutes Fair building blow blew 4 inches into bucket  
 2nd Shut in 60 Minutes No blow.



## PRESSURE SUMMARY

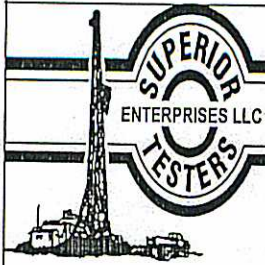
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1843.47	112.86	Initial Hydro-static
1	36.41	112.41	Open To Flow (1)
31	102.79	112.26	Shut-In(1)
91	1350.53	114.35	End Shut-In(1)
92	107.76	113.91	Open To Flow (2)
122	142.71	114.54	Shut-In(2)
180	1325.88	116.42	End Shut-In(2)
181	1682.23	116.65	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
195.00	Muddy water Mud 30% Water 70%	1.28
0.00	Chlorides 96000 @72degrees	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil and Gas LLC.

17-30s-7w-Kingman

Po box40 Spivey Kansas  
67142

Johnson Farms #2

Job Ticket: 17300

DST#: 1

ATTN: Tim Pierce

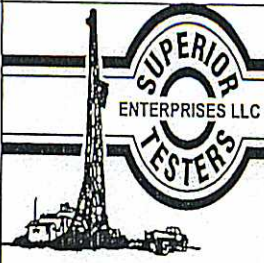
Test Start: 2012.06.01 @ 03:30:00

## Tool Information

Drill Pipe:	Length: 3481.00 ft	Diameter: 3.80 inches	Volume: 48.83 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: 160.04 ft	Diameter: 2.25 inches	Volume: 0.79 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 49.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	1.04 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3655.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	29.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Hydraulic Tool	5.00			3645.00	
Packer	5.00			3650.00	15.00 Bottom Of Top Packer
Packer	5.00			3655.00	
Shut-In Tool	5.00			3660.00	
Anchor	4.00			3664.00	
Recorder	1.00	8400	Inside	3665.00	
Recorder	1.00	8405	Outside	3666.00	
Bull Plug	3.00			3669.00	14.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>29.00</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil and Gas LLC.

17-30s-7w-Kingman

Po box40 Spivey Kansas  
67142

Johnson Farms #2

Job Ticket: 17300

DST#: 1

ATTN: Tim Pierce

Test Start: 2012.06.01 @ 03:30:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 65.00 sec/qt

Water Loss: 9.19 in<sup>3</sup>

Resistivity: 0.20 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
195.00	Muddy water Mud 30% Water 70%	1.277
0.00	Chlorides 96000 @72degrees	0.000

Total Length: 195.00 ft

Total Volume: 1.277 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

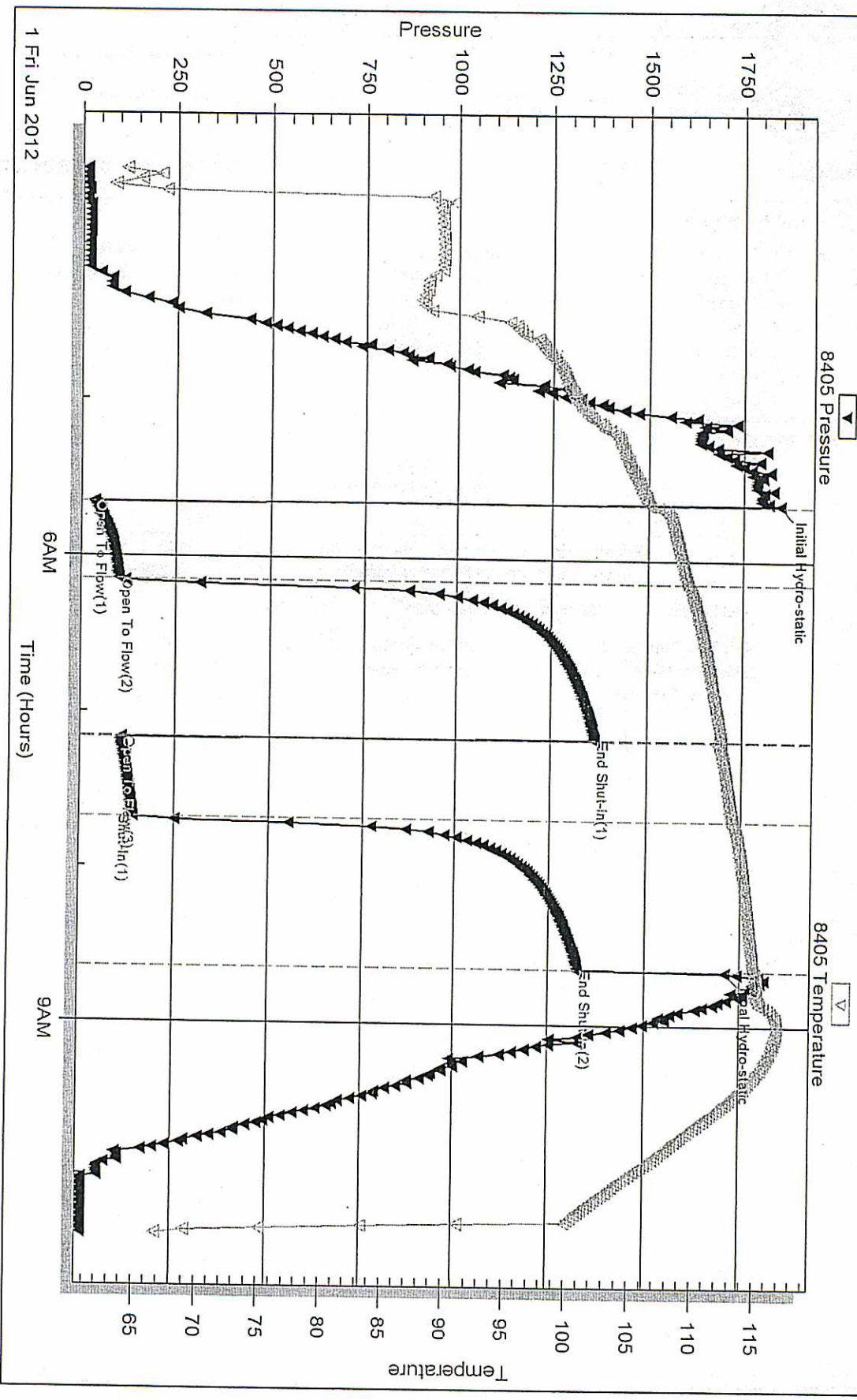
Serial #: 8405

Outside Wildcat Oil and Gas LLC.

Johnson Farms #2

DST Test Number: 1

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17300

Printed: 2012.06.11 @ 08:17:08

Serial #: 8400

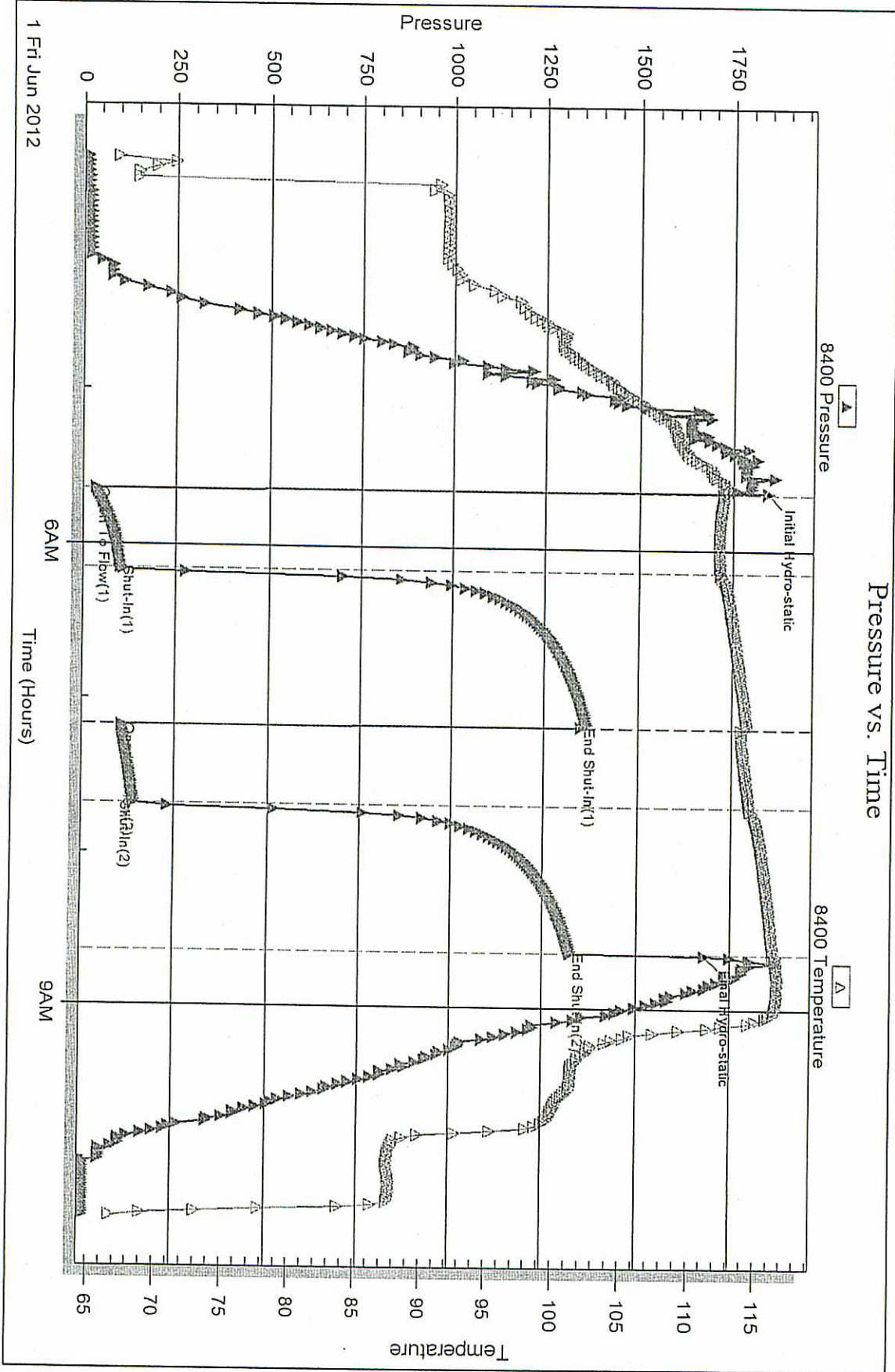
Inside

Wildcat Oil and Gas LLC.

Johnson Farms #2

DST Test Number: 1

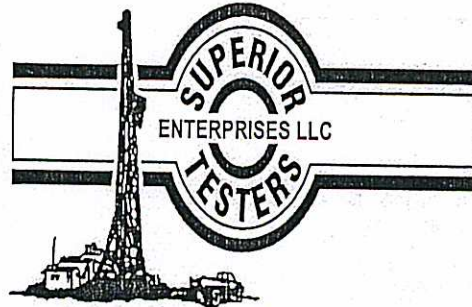
### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17300

Printed: 2012.06.11 @ 08:17:08



## DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil and Gas LLC.**

Po box40 Spivey Kansas  
67142

ATTN: Tim Pierce

**Johnson Farms #2**

**17-30s-7w-Kingman**

Start Date: 2012.06.02 @ 12:33:00

End Date: 2012.06.02 @ 19:18:00

Job Ticket #: 17676                      DST #: 2

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

Printed: 2012.06.11 @ 08:17:20

Wildcat Oil and Gas LLC.

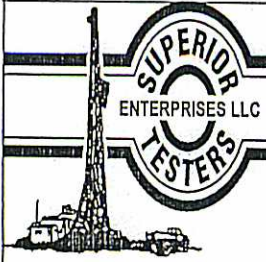
17-30s-7w-Kingman

Johnson Farms #2

DST # 2

Mississippi

2012.06.02



# DRILL STEM TEST REPORT

Wildcat Oil and Gas LLC.

17-30s-7w-Kingman

Po box40 Spivey Kansas  
67142

Johnson Farms #2

ATTN: Tim Pierce

Job Ticket: 17676

DST#: 2

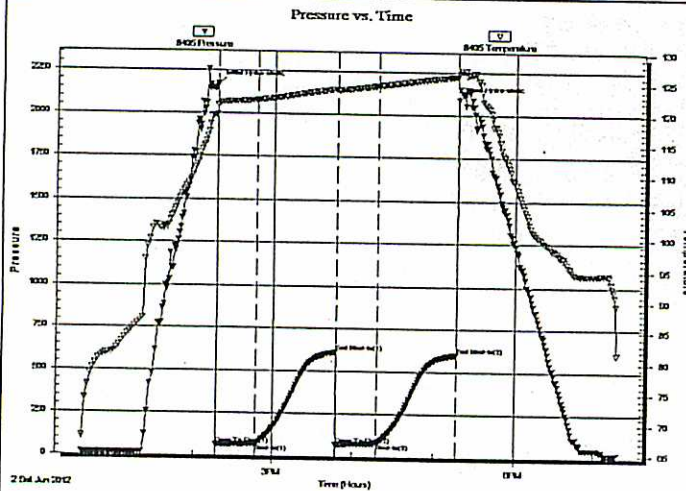
Test Start: 2012.06.02 @ 12:33:00

## GENERAL INFORMATION:

Formation: Mississippi  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:17:30  
 Time Test Ended: 19:18:00  
 Interval: 4163.00 ft (KB) To 4217.00 ft (KB) (TVD)  
 Total Depth: 4217.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 3315-Pratt-95  
 Reference Elevations: 1475.00 ft (KB)  
 1465.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: 8405 Outside  
 Press@RunDepth: 75.40 psig @ 4214.00 ft (KB)  
 Start Date: 2012.06.02 End Date: 2012.06.02 Capacity: 5000.00 psig  
 Start Time: 12:34:00 End Time: 19:18:00 Last Calib.: 2012.06.02  
 Time On Btm: 2012.06.02 @ 14:17:00  
 Time Off Btm: 2012.06.02 @ 17:17:30

TEST COMMENT: 1st Open 30 minutes Fair building blow blew 6 inches into a 5 gallon bucket of water  
 1st Shut in 60 minutes No blow back  
 2nd Open 30 minutes Fair building blow blew 5 inches .  
 2nd Shut in 60 minutes No blow back



## PRESSURE SUMMARY

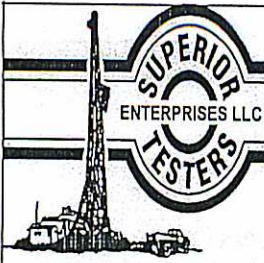
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.50	121.31	Initial Hydro-static
1	58.33	121.51	Open To Flow (1)
30	68.25	122.31	Shut-In(1)
91	610.21	124.13	End Shut-In(1)
91	63.19	123.95	Open To Flow (2)
121	75.40	124.68	Shut-In(2)
180	600.60	126.25	End Shut-In(2)
181	2088.91	126.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
8.00	Mud 100%	0.04

## Gas Rates

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



# DRILL STEM TEST REPORT

Wildcat Oil and Gas LLC.  
 Po box40 Spivey Kansas  
 67142  
 ATTN: Tim Pierce

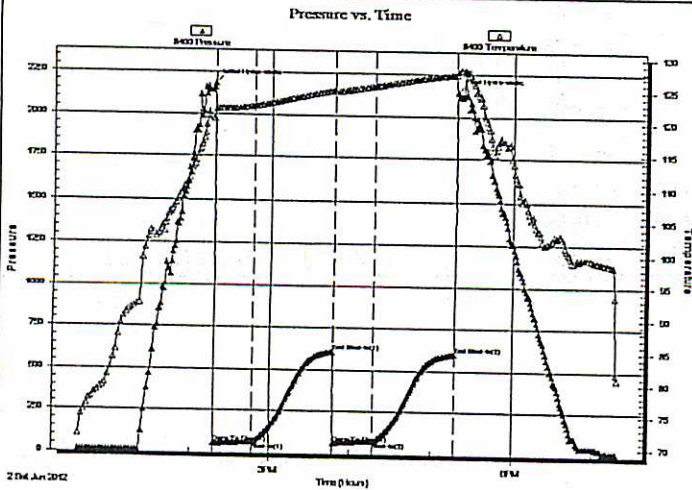
17-30s-7w-Kingman  
 Johnson Farms #2  
 Job Ticket: 17676 DST#: 2  
 Test Start: 2012.06.02 @ 12:33:00

## GENERAL INFORMATION:

Formation: Mississippi  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:17:30  
 Time Test Ended: 19:18:00  
 Interval: 4163.00 ft (KB) To 4217.00 ft (KB) (TVD)  
 Total Depth: 4217.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 3315-Pratt-95  
 Reference Elevations: 1475.00 ft (KB)  
 1465.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: 8400 Inside  
 Press@RunDepth: 600.16 psig @ 4213.00 ft (KB)  
 Start Date: 2012.06.02 End Date: 2012.06.02  
 Start Time: 12:34:00 End Time: 19:18:30  
 Capacity: 5000.00 psig  
 Last Calib.: 2012.06.02  
 Time On Btm: 2012.06.02 @ 14:17:00  
 Time Off Btm: 2012.06.02 @ 17:17:30

TEST COMMENT: 1st Open 30 minutes Fair building blow blew 6 inches into a 5 gallon bucket of water  
 1st Shut in 60 minutes No blow back  
 2nd Open 30 minutes Fair building blow blew 5 inches .  
 2nd Shut in 60 minutes No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.05	121.97	Initial Hydro-static
1	53.86	121.88	Open To Flow (1)
30	63.01	122.42	Shut-In(1)
90	609.63	124.94	End Shut-In(1)
91	59.02	124.72	Open To Flow (2)
121	72.87	125.63	Shut-In(2)
180	600.16	127.52	End Shut-In(2)
181	2144.40	127.97	Final Hydro-static

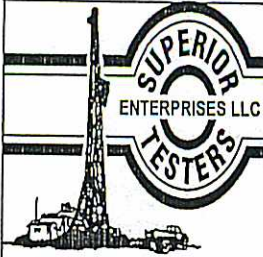
## Recovery

Length (ft)	Description	Volume (bbl)
8.00	Mud 100%	0.04

## Gas Rates

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





# DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil and Gas LLC.

17-30s-7w-Kingman

Po box40 Spivey Kansas  
67142

Johnson Farms #2

Job Ticket: 17676

DST#: 2

ATTN: Tim Pierce

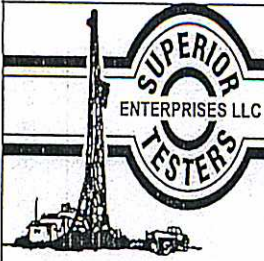
Test Start: 2012.06.02 @ 12:33:00

## Tool Information

Drill Pipe:	Length: 4004.00 ft	Diameter: 3.80 inches	Volume: 56.17 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: 160.04 ft	Diameter: 2.25 inches	Volume: 0.79 bbl	Weight to Pull Loose: 92000.00 lb
			<u>Total Volume: 56.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.04 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4163.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	74.00 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			4148.00	
Hydrolic Tool	5.00			4153.00	
Packer	5.00			4158.00	20.00
Packer	5.00			4163.00	Bottom Of Top Packer
Anchor	5.00			4168.00	
Change Over Sub	0.75			4168.75	
Drill Pipe	31.50			4200.25	
Change Over Sub	0.75			4201.00	
Anchor	11.00			4212.00	
Recorder	1.00	8400	Inside	4213.00	
Recorder	1.00	8405	Outside	4214.00	
Bull Plug	3.00			4217.00	54.00
<b>Total Tool Length:</b>	<b>74.00</b>				<b>Bottom Packers &amp; Anchor</b>



# DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil and Gas LLC.

17-30s-7w-Kingman

Po box40 Spivey Kansas  
67142

Johnson Farms #2

Job Ticket: 17676

DST#: 2

ATTN: Tim Pierce

Test Start: 2012.06.02 @ 12:33:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 65.00 sec/qt

Water Loss: 9.59 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Mud 100%	0.039

Total Length: 8.00 ft

Total Volume: 0.039 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

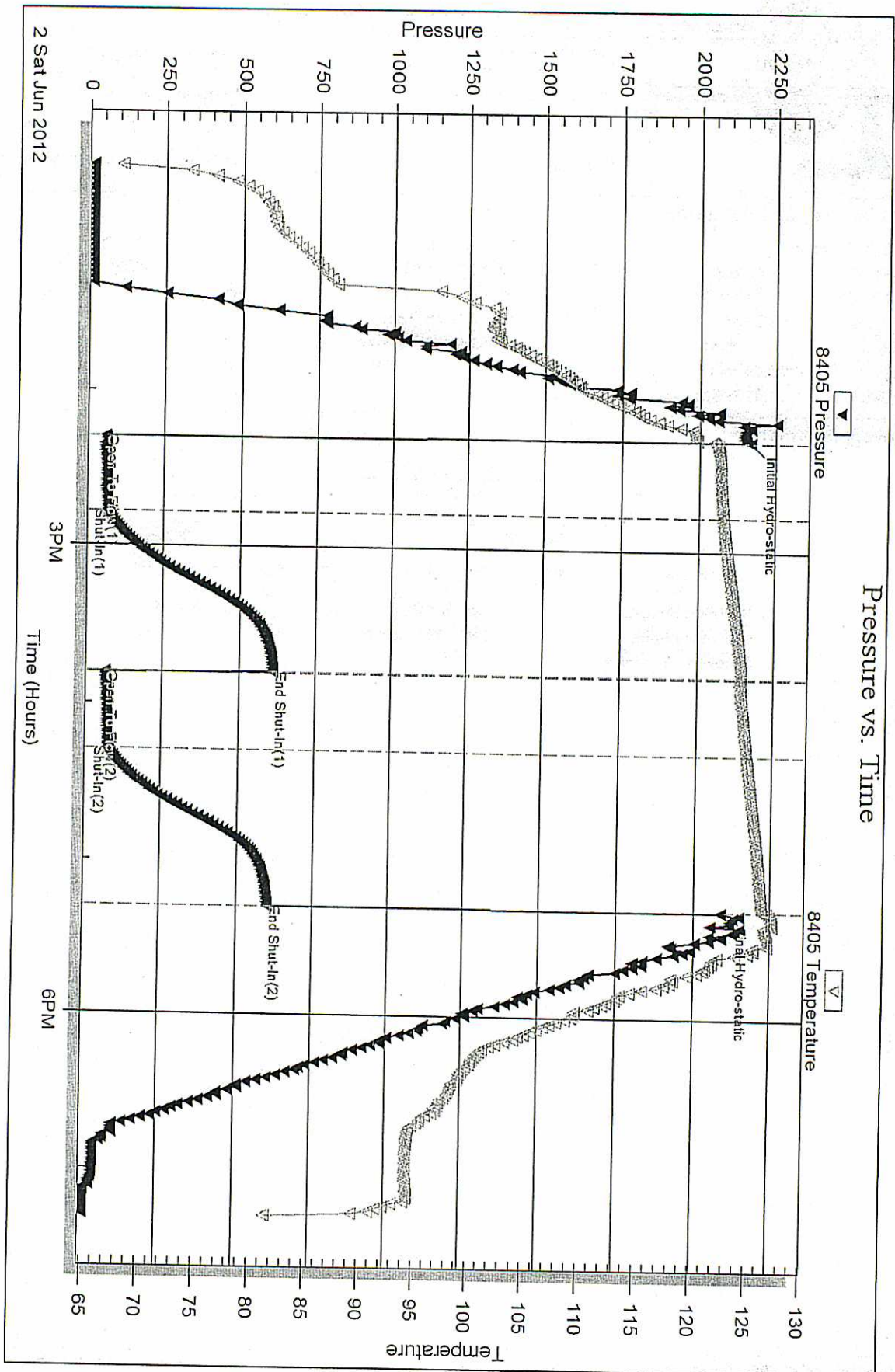
Serial #: 8405

Outside

Wildcat Oil and Gas LLC

Johnson Farms #2

DST Test Number: 2



Superior Testers Enterprises LLC

Ref. No: 17676

Printed: 2012.06.11 @ 08:17:22

Serial #: 8400

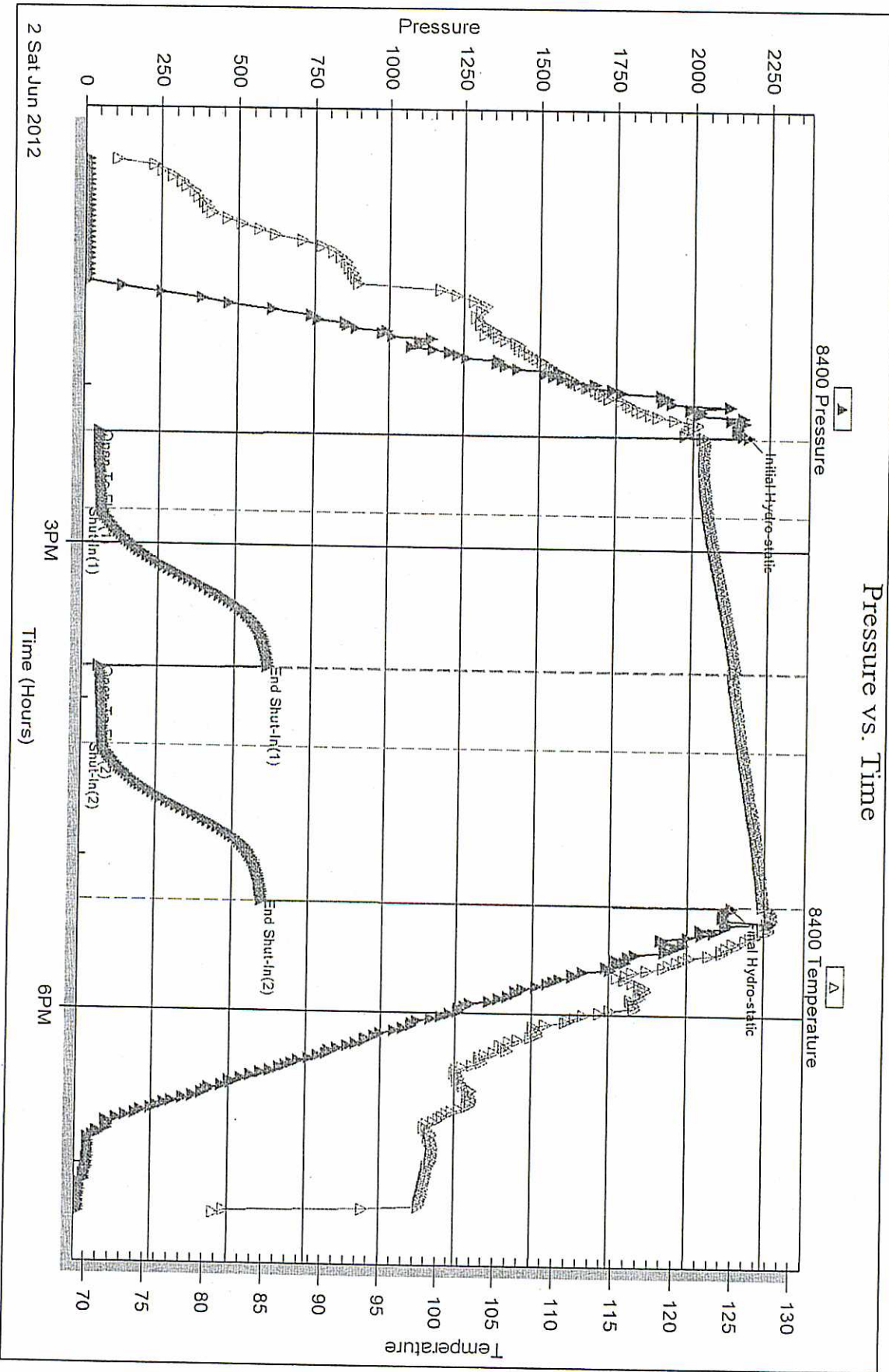
Inside

Wildcat Oil and Gas LLC.

Johnson Farms #2

DST Test Number: 2

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17676

Printed: 2012.06.11 @ 08:17:22