



KANSAS CORPORATION COMMISSION 1079039
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 # 31337
Name: Wildcat Oil & Gas LLC
Address 1: PO BOX 40
Address 2: _____
City: SPIVEY State: KS Zip: 67142 + 0040
Contact Person: Gary Adelhardt
Phone: (620) 243-4401
CONTRACTOR: License # 33902
Name: Hardt Drilling LLC
Wellsite Geologist: Timothy G. Pierce
Purchaser: Oneok

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #: _____

<u>01/24/2012</u>	<u>02/01/2012</u>	<u>03/12/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-095-22239-00-00

Spot Description: _____
NE SW NW NW Sec. 27 Twp. 30 S. R. 6 East West
907 Feet from North / South Line of Section
356 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Kingman

Lease Name: Crane B Well #: 3

Field Name: _____

Producing Formation: Mississippi

Elevation: Ground: 1406 Kelly Bushing: 1420

Total Depth: 4501 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 223 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: 24500 ppm Fluid volume: 1800 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Wildcat Oil & Gas, LLC

Lease Name: Adelhardt SWD 1-71 License #: 31337

Quarter SW Sec. 7 Twp. 30 S. R. 8 East West

County: Kingman Permit #: D30389

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: Deanna Gantner Date: 05/08/2012



1079039

Operator Name: Wildcat Oil & Gas LLC Lease Name: Crane B Well #: 3
 Sec. 27 Twp. 30 S. R. 6 East West County: Kingman

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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (if no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Dual Compensated Porosity Log Dual Induction Log Sonic Cement bond Log				

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23.0	223	60:40	185	2%gel+3%cc
Production	7.875	4.5	10.5	4500	60:40	40	4% gel

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 (Amount and Kind of Material Used)	Depth
2	4111-4120		

TUBING RECORD:	Size: 2.375	Set At: 4109	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 04/27/2012	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 25	Water Bbls. 0	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Wildcat Oil & Gas LLC
Well Name	Crane B 3
Doc ID	1079039

Tops

Heebner Sh.	3015	-1595
Iatan LS	3385	-1965
Stark Sh.	3671	-2251
Cherokee Sh.	3946	-2526
Mississippi	4096	-2676
Kinderhook Sh.	4380	-2960
Chattanooga Sh.	4472	-3052
Viola	NA	NA



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 130057
Invoice Date: Jan 25, 2012
Page: 1

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

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

RECEIVED FEB 06 2012

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Wild	Crane B #3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Medicine Lodge	Jan 25, 2012	2/24/12

Quantity	Item	Description	Unit Price	Amount
111.00	MAT	Class A Common	16.25	1,803.75
74.00	MAT	Pozmix	8.50	629.00
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
194.00	SER	Handling	2.25	436.50
30.00	SER	Mileage 194 sx @ .11 per sk per mi	21.34	640.20
1.00	SER	Surface	1,125.00	1,125.00
60.00	SER	Pump Truck Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	CEMENTER	Darin Franklin		
1.00	EQUIP OPER	Ron Gilley		
1.00	OPER ASSIST	Derek Gibbons		

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

\$ 1141.48

ONLY IF PAID ON OR BEFORE
Feb 19, 2012

Subtotal	5,707.40
Sales Tax	179.28
Total Invoice Amount	5,886.68
Payment/Credit Applied	
TOTAL	5,886.68



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 130074

Invoice Date: Feb 2, 2012

Page: 1

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

RECEIVED FEB 13 2012

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Wild	Crane B #3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Medicine Lodge	Feb 2, 2012	3/3/12

Quantity	Item	Description	Unit Price	Amount
220.00	MAT	Class H Premium	19.25	4,235.00
16.00	MAT	Pozmix	8.50	136.00
1.00	MAT	Gel	21.25	21.25
24.00	MAT	Class A Common	16.25	390.00
22.00	MAT	Salt	23.95	526.90
1,100.00	MAT	KolSeal	0.89	979.00
2.50	MAT	ASF	1.27	3.18
10.00	MAT	Clapro	31.25	312.50
305.00	SER	Handling	2.25	686.25
30.00	SER	Mileage	33.55	1,006.50
1.00	SER	Production	2,405.00	2,405.00
60.00	SER	Heavy Vehicle Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	EQP	4 1/2 Rubber Plug	71.00	71.00
1.00	EQP	4 1/2 Guide Shoe	192.00	192.00
1.00	EQP	4 1/2 AFU Insert	249.00	249.00
8.00	EQP	4 1/2 Centralizers	48.00	384.00
10.00	EQP	4 1/2 Reciprocating Scvc	74.00	740.00
1.00	CEMENTER	Darin Franklin		
1.00	EQUIP OPER	Jason Thimesch		
1.00	OPER ASSIST	Derek Gibbons		

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

\$ 2599.72

ONLY IF PAID ON OR BEFORE
Feb 27, 2012

Subtotal	12,997.58
Sales Tax	519.11
Total Invoice Amount	13,516.69
Payment/Credit Applied	
TOTAL	13,516.69

ALLIED CEMENTING CO., LLC. 037932

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

SERVICE POINT:
Madison Lease Ks

DATE <u>2-2-2012</u>	SEC <u>27</u>	TWP <u>30S</u>	RANGE <u>6W</u>	CALLED OUT	ON LOCATION <u>3:30 AM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>Grise B</u>	WELL # <u>3</u>	LOCATION <u>R990 Ks 5095A</u>	COUNTY <u>Kingsman</u>	STATE <u>Ks</u>			
OLD OR (NEW) (Circle one)		<u>3 South, 1 east, 1/2 South, elinto</u>					

CONTRACTOR Herb #1 OWNER Wildcat Oil & Gas

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 4501

CASING SIZE 4 1/2 10.5# DEPTH 4501

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 12'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 72 bbls of 2% KCL WGR

CEMENT

AMOUNT ORDERED 4050 60' 40' 40% Gm

2205m Class H + 10% SS12 + 3#

Kelsoel, 2 1/2 gals ASF, 10 gals Cispro

COMMON <u>Class H 220</u>	@ <u>19.25</u>	<u>4235.00</u>
POZMIX <u>163</u>	@ <u>8.50</u>	<u>1360.00</u>
GEL <u>15x</u>	@ <u>21.25</u>	<u>2125</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
<u>Class H 245x</u>	@ <u>16.25</u>	<u>390.00</u>
<u>SS12 223m</u>	@ <u>23.95</u>	<u>526.90</u>
<u>Kelsoel 1100A 220x</u>	@ <u>0.89</u>	<u>97.00</u>
<u>ASF 2 1/2 gals</u>	@ <u>1.27</u>	<u>3.18</u>
<u>Cispro 10 gals</u>	@ <u>31.25</u>	<u>312.50</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>3055m</u>	@ <u>2.29</u>	<u>686.25</u>
MILEAGE <u>3055/-1130</u>	@ _____	<u>1,006.50</u>
TOTAL		<u>8,296.58</u>

EQUIPMENT

PUMP TRUCK CEMENTER Darin F.

360-265 HELPER Tyson T.

BULK TRUCK

421-252 DRIVER Derrick G.

BULK TRUCK

_____ DRIVER _____

REMARKS:

Pipe on bottom & break circulation, pump flush, mix 15% cement for Ret hole, mix 25% separator cement, mix 220m of tail cement, shut down, wash pump & lines

Release plug, start displacement, lift pressure @ 50 bbls, slow rate to 30 bbls @ 63 bbls pump plug @ 72 bbls 900 1400 psi, flow bit hold

CHARGE TO: Wildcat Oil & Gas

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>4501'</u>		
PUMP TRUCK CHARGE _____	<u>2405.00</u>	
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>60</u>	@ <u>7.00</u>	<u>420.00</u>
MANIFOLD <u>Headrenty</u>	@ _____	_____
<u>List Vehicle 60</u>	@ <u>4.00</u>	<u>240.00</u>
_____	@ _____	_____
TOTAL		<u>3065.00</u>

PLUG & FLOAT EQUIPMENT

4 1/2

<u>1- Rubber Plug</u>	@ <u>71.00</u>	<u>71.00</u>
<u>1- Gauge shoe</u>	@ <u>192.00</u>	<u>192.00</u>
<u>1- AFV Inson</u>	@ <u>249.00</u>	<u>249.00</u>
<u>5- Centralizers</u>	@ <u>48.00</u>	<u>240.00</u>
<u>10- Reprecation Services</u>	@ <u>74.00</u>	<u>740.00</u>
TOTAL		<u>1636.00</u>

To Allied Cementing Co., 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 X TIM PIERCE

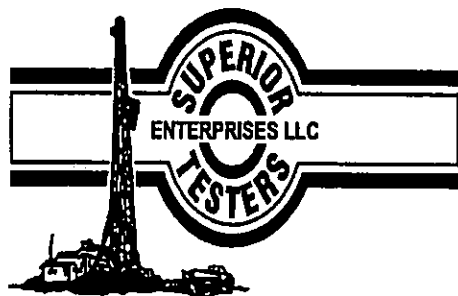
SIGNATURE X Tim Pierce

SALES TAX (If Any) _____

TOTAL CHARGES 12,997.58

DISCOUNT _____ IF PAID IN 30 DAYS

Net \$10,398.06



DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas L.L.C**

Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

Start Date: 2012.01.28 @ 22:37:00

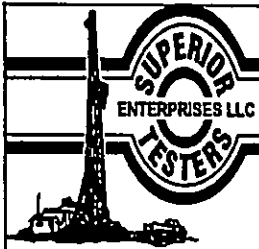
End Date: 2012.01.29 @ 05:17:00

Job Ticket #: 18733 DST #: 1

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

Printed: 2012.02.02 @ 14:00:20

Wildcat Oil & Gas L.L.C 27-30s-6w Kingman Crane B #3 DST # 1 KC 'A' Zone 2012.01.28



DRILL STEM TEST REPORT

Wildcat Oil & Gas L.L.C
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Fierle

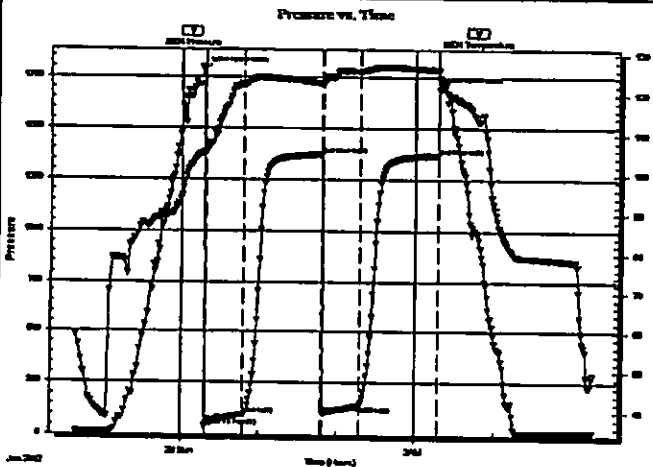
27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18733 DST#: 1
 Test Start: 2012.01.28 @ 22:37:00

GENERAL INFORMATION:

Formation: KC 'A' Zone
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:19:00
 Time Test Ended: 05:17:00
 Interval: 3554.00 ft (KB) To 3572.00 ft (KB) (TVD)
 Total Depth: 3572.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Pratt-
 Reference Elevations: 1420.00 ft (KB)
 1410.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8524
 Press@RunDepth: 140.59 psia @ ft (KB)
 Start Date: 2012.01.28 End Date: 2012.01.29
 Start Time: 22:38:00 End Time: 05:17:00
 Capacity: 5000.00 psia
 Last Calib.: 2012.01.29
 Time On Btm: 2012.01.29 @ 00:18:00
 Time Off Btm: 2012.01.29 @ 03:18:00

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 10 1/2 minutes
 1st Shut-in 60 Minutes-Very weak blow back 1/2 inch
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 2 minutes
 2nd Shut-in 60 Minutes-Blow back 8 inches into bucket



PRESSURE SUMMARY

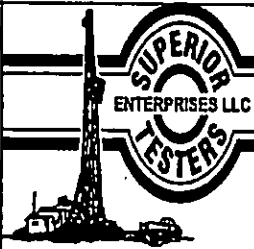
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1780.78	105.54	Initial Hydro-static
1	39.82	105.36	Open To Flow (1)
30	95.89	122.23	Shut-in(1)
90	1370.61	122.80	End Shut-in(1)
92	104.87	122.42	Open To Flow (2)
120	140.59	125.69	Shut-in(2)
180	1367.16	126.10	End Shut-in(2)
180	1685.01	125.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil Water Cut Mud	0.30
0.00	10%Gas 5%Oil 5%Water 80%Mud	0.00
60.00	Muddy Oil cut Water	0.30
0.00	10%Gas 2%Oil 20%Mud 68%Water	0.00
0.00	1380 Feet Gas in Pipe	0.00
0.00	Chlorides 110,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

ATTN: Tim Fierle

Job Ticket: 18733

DST#: 1

Test Start: 2012.01.28 @ 22:37:00

GENERAL INFORMATION:

Formation: KC 'A' Zone

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:19:00

Time Test Ended: 05:17:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Pratt-

Interval: 3554.00 ft (KB) To 3572.00 ft (KB) (TVD)

Total Depth: 3572.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1420.00 ft (KB)

1410.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8525

Press@RunDepth: 1437.57 psia @ ft (KB)

Start Date: 2012.01.28

End Date:

2012.01.29

Capacity: 5000.00 psia

Last Calib.: 2012.01.29

Start Time: 22:38:00

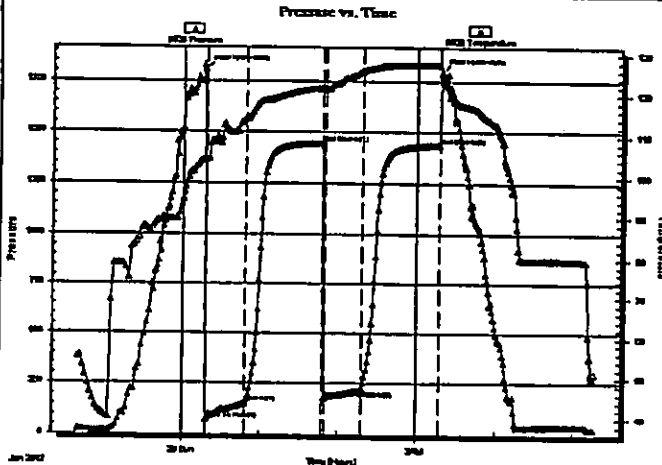
End Time:

05:17:00

Time On Btm: 2012.01.29 @ 00:17:30

Time Off Btm: 2012.01.29 @ 03:18:30

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 10 1/2 minutes
 1st Shut-in 60 Minutes-Very weak blow back 1/2 inch
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 2 minutes
 2nd Shut-in 60 Minutes-Blow back 8 inches into bucket



PRESSURE SUMMARY

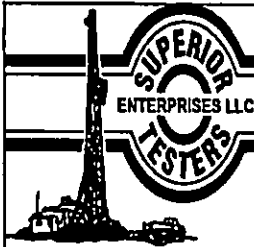
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1807.26	104.56	Initial Hydro-static
1	73.78	104.48	Open To Flow (1)
31	150.82	114.23	Shut-In (1)
91	1445.13	121.96	End Shut-In (1)
93	177.10	121.55	Open To Flow (2)
121	216.35	126.08	Shut-In (2)
180	1437.57	127.51	End Shut-In (2)
181	1796.56	125.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil Water Cut Mud	0.30
0.00	10% Gas 5% Oil 5% Water 80% Mud	0.00
60.00	Muddy Oil cut Water	0.30
0.00	10% Gas 2% Oil 20% Mud 68% Water	0.00
0.00	1380 Feet Gas in Pipe	0.00
0.00	Chlorides 110,000	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcfd)



DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas LLC
 Po Box 40 Splvey KS 67142+0040
 ATTN: Tim Ferle

27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18733 DST#: 1
 Test Start: 2012.01.28 @ 22:37:00

Tool Information

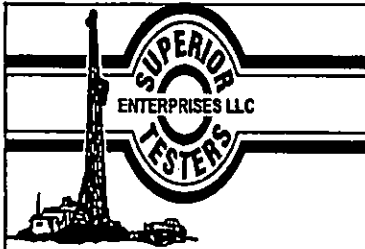
Drill Pipe:	Length: 3420.00 ft	Diameter: 3.80 inches	Volume: 47.97 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 48.56 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3554.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	3539.00	
Hydrolic Tool	5.00			3544.00	
Packer	5.00			3549.00	20.00 Bottom Of Top Packer
Packer	5.00			3554.00	
Anchor	13.00			3567.00	
Recorder	1.00	8524	Inside	3568.00	
Recorder	1.00	8525	Outside	3569.00	
Bullnose	3.00			3572.00	18.00 Bottom Packers & Anchor

Total Tool Length: 38.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18733

DST#: 1

ATTN: Tim Pierle

Test Start: 2012.01.28 @ 22:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 9.58 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Satinity:

deg API

ppm

ft

bbbl

psia

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	Oil Water Cut Mud	0.295
0.00	10%Gas 5%Oil 5%Water 80%Mud	0.000
60.00	Muddy Oil cut Water	0.295
0.00	10%Gas 2%Oil 20%Mud 68%Water	0.000
0.00	1380 Feet Gas in Pipe	0.000
0.00	Chlorides 110,000	0.000
0.00	Resistivity .1 @ 48 Degrees	0.000

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

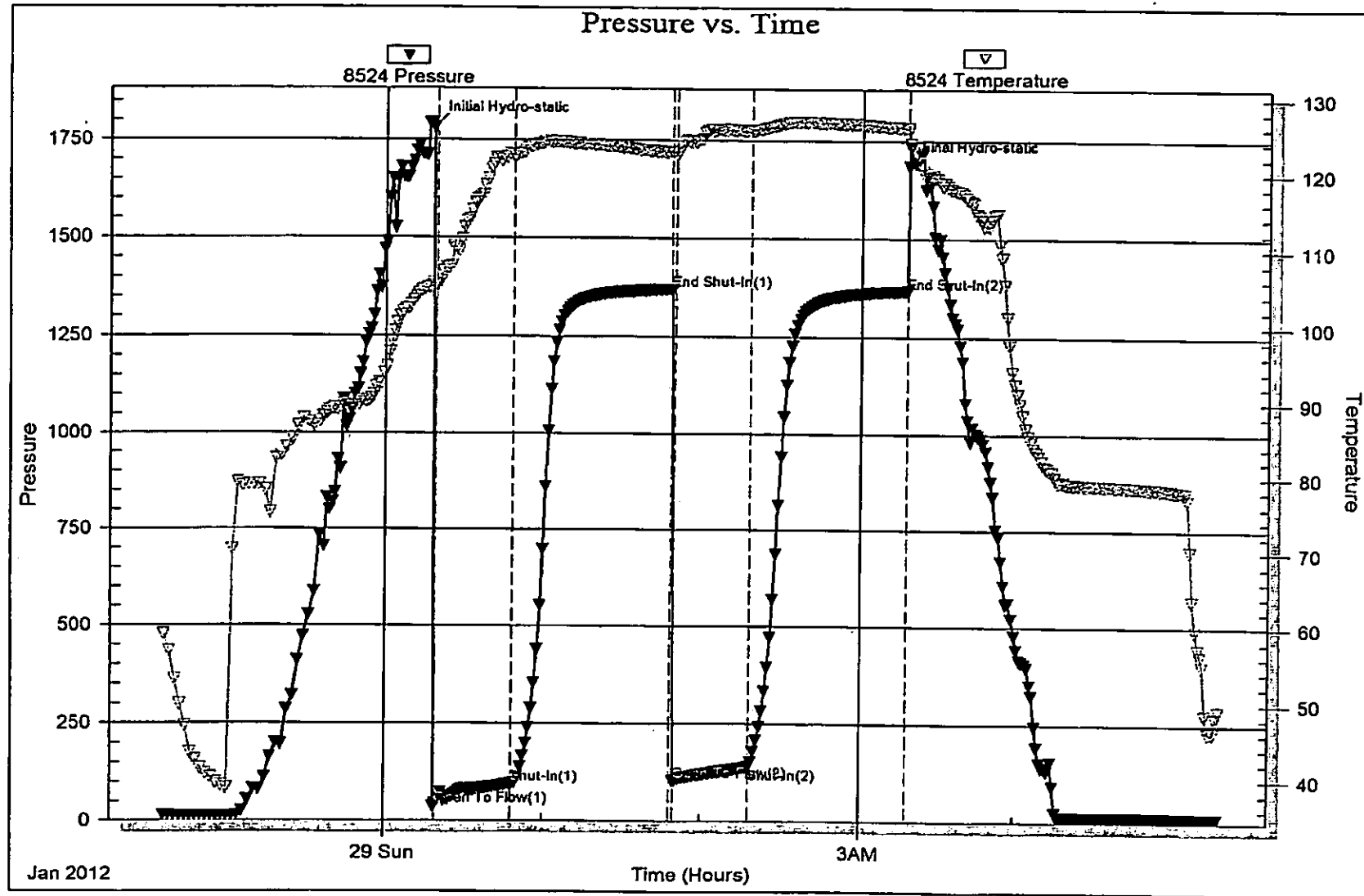
Num Gas Bombs: 0

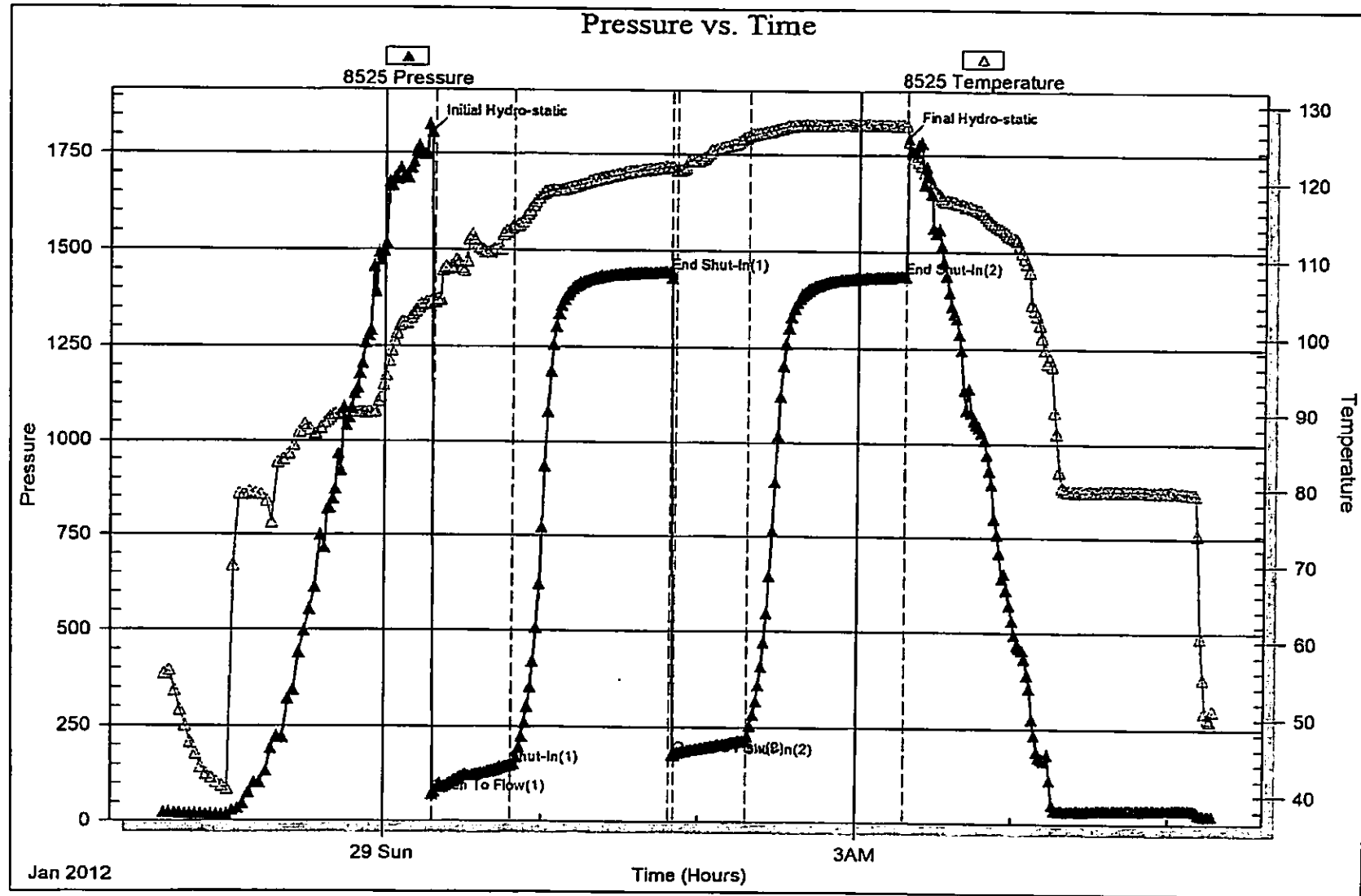
Serial #:

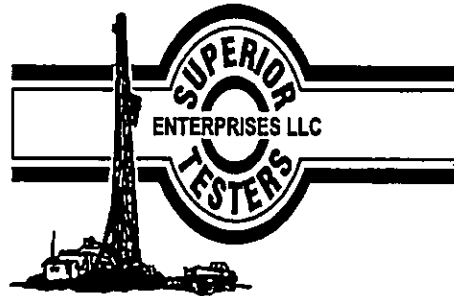
Laboratory Name:

Laboratory Location:

Recovery Comments: Chlorides 110,000 Resistivity .1 @ 48 Degrees







DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas L.L.C**

Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

Start Date: 2012.01.29 @ 15:37:00

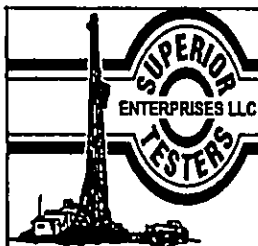
End Date: 2012.01.29 @ 23:03:00

Job Ticket #: 18734 DST #: 2

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

Printed: 2012.02.02 @ 14:00:37

Wildcat Oil & Gas L.L.C 27-30s-6w Kingman Crane B #3 DST # 2 KC "Dennis" + "KC"Sw 2012.01.29



DRILL STEM TEST REPORT

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18734

DST#: 2

ATTN: Tim Fierle

Test Start: 2012.01.29 @ 15:37:00

GENERAL INFORMATION:

Formation: KC "Dennis" + "KC"Sw

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:36:00

Time Test Ended: 23:03:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Pratt-135

Interval: 3646.00 ft (KB) To 3700.00 ft (KB) (TVD)

Total Depth: 3700.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1420.00 ft (KB)

1410.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8524

Press@RunDepth: 148.82 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.01.29

End Date: 2012.01.29

Last Calib.: 2012.01.29

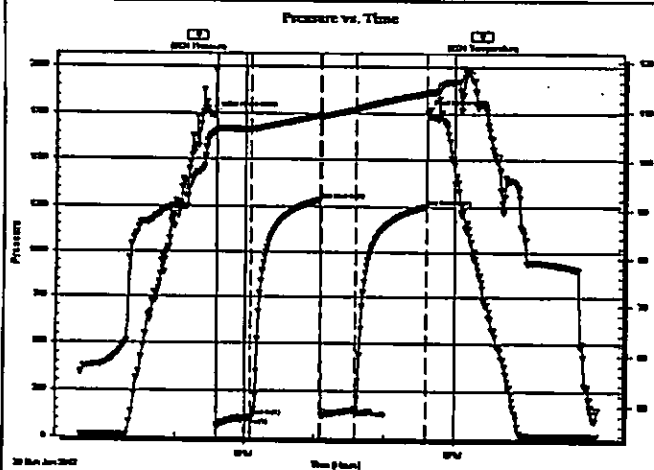
Start Time: 15:38:00

End Time: 23:03:00

Time On Blm: 2012.01.29 @ 17:33:30

Time Off Blm: 2012.01.29 @ 20:36:30

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 11 1/2 minutes
 1st Shut-in 60 Minutes-Very weak blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 11 Minutes
 2nd Shut-in 60 Minutes-Very weak blow back



PRESSURE SUMMARY

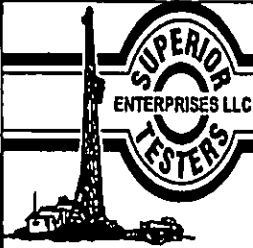
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1739.28	105.74	Initial Hydro-static
3	83.80	106.26	Open To Flow (1)
32	110.98	106.40	Shut-In(1)
91	1282.80	109.24	End Shut-In(1)
92	118.89	109.01	Open To Flow (2)
122	148.82	110.45	Shut-In(2)
182	1248.61	113.80	End Shut-In(2)
183	1755.65	113.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Spot oil cul mud 2%oil 28%w ater 70% m.0.44	0.44
120.00	Muddy w ater 40%mud 60%w ater	1.41
0.00	Chlorides 90,000	0.00
0.00	Resistivity .15 @58 degrees	0.00
0.00	360 Feet gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Wildcat Oil & Gas LLC

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

ATTN: Tim Fierle

Job Ticket: 18734

DST#: 2

Test Start: 2012.01.29 @ 15:37:00

GENERAL INFORMATION:

Formation: KC "Dennis" + "KC"Sw

Deviated: No Whipstock ft (KB)

Time Tool Opened: 17:36:00

Time Test Ended: 23:03:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Pratt-135

Interval: 3646.00 ft (KB) To 3700.00 ft (KB) (TVD)

Total Depth: 3700.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1420.00 ft (KB)

1410.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8525

Press@RunDepth: 1299.27 psia @ ft (KB)

Start Date: 2012.01.29

End Date:

2012.01.29

Capacity:

5000.00 psia

Start Time: 15:38:00

End Time:

23:03:00

Last Calib.:

2012.01.29

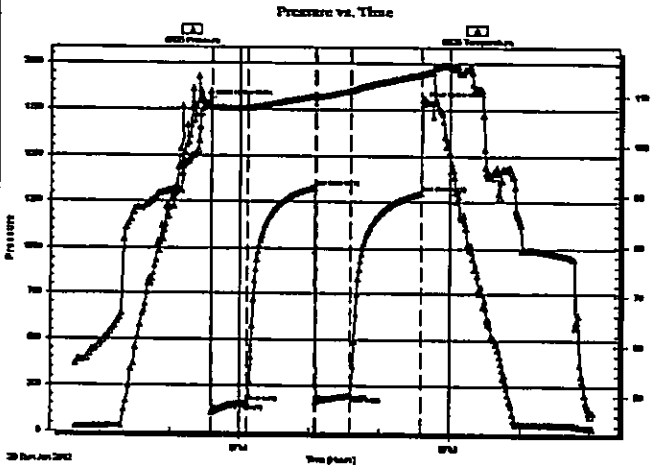
Time On Btm:

2012.01.29 @ 17:33:30

Time Off Btm:

2012.01.29 @ 20:37:00

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 11 1/2 minutes
 1st Shut-in 60 Minutes-Very weak blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 11 Minutes
 2nd Shut-in 60 Minutes-Very weak blow back



PRESSURE SUMMARY

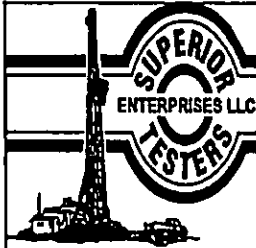
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1783.86	108.15	Initial Hydro-static
2	107.78	107.56	Open To Flow (1)
33	158.30	107.40	Shut-In(1)
91	1330.54	110.01	End Shut-In(1)
92	166.73	109.71	Open To Flow (2)
122	197.58	111.01	Shut-In(2)
182	1299.27	114.26	End Shut-In(2)
184	1777.55	114.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Spot oil cut mud 2%oil 28%w ater 70% mud	0.44
120.00	Muddy water 40%mud 60%w ater	1.41
0.00	Chlorides 90,000	0.00
0.00	Resistivity .15 @58 degrees	0.00
0.00	360 Feet gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas L.L.C
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Pierle

27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18734 DST#: 2
 Test Start: 2012.01.28 @ 15:37:00

Tool Information

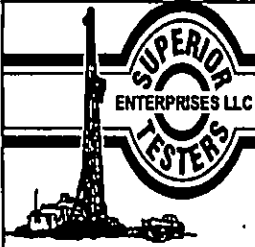
Drill Pipe:	Length: 3515.00 ft	Diameter: 3.80 inches	Volume: 49.31 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 49.90 bbl</u>	Tool Chased	1.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3646.00 ft			Final	63000.00 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: Ruined packer .

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	3631.00	
Hydrolic Tool	5.00			3636.00	
Packer	5.00			3641.00	20.00 Bottom Of Top Packer
Packer	5.00			3646.00	
Anchor	0.00			3646.00	
Change Over Sub	0.75			3646.75	
Drill Pipe	32.50		Outside	3679.25	
Change Over Sub	0.75		Outside	3680.00	
Anchor	15.00			3695.00	
Recorder	1.00	8524	Inside	3696.00	
Recorder	1.00	8525	Outside	3697.00	
Bullnose	3.00			3700.00	54.00 Bottom Packers & Anchor

Total Tool Length: 74.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18734

DST#: 2

ATTN: Tim Pierle

Test Start: 2012.01.29 @ 15:37:00

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: 45.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

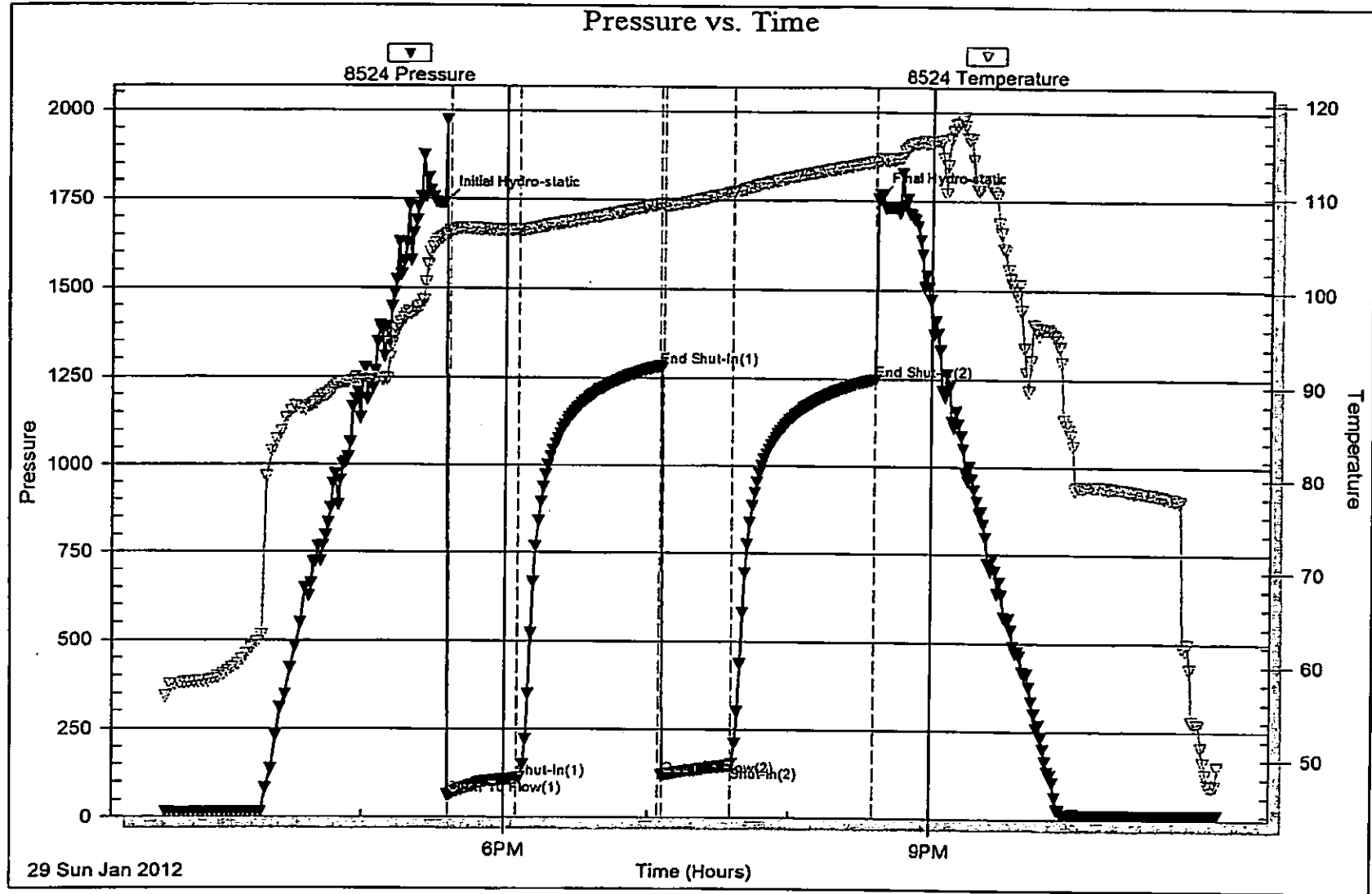
Length ft	Description	Volume bbf
90.00	Spot oil cut mud 2%oil 28%w ater 70%mud	0.443
120.00	Muddy w ater 40%mud 60%w ater	1.410
0.00	Chlorides 90,000	0.000
0.00	Resistivity .15 @58 degrees	0.000
0.00	360 Feel gas in pipe	0.000

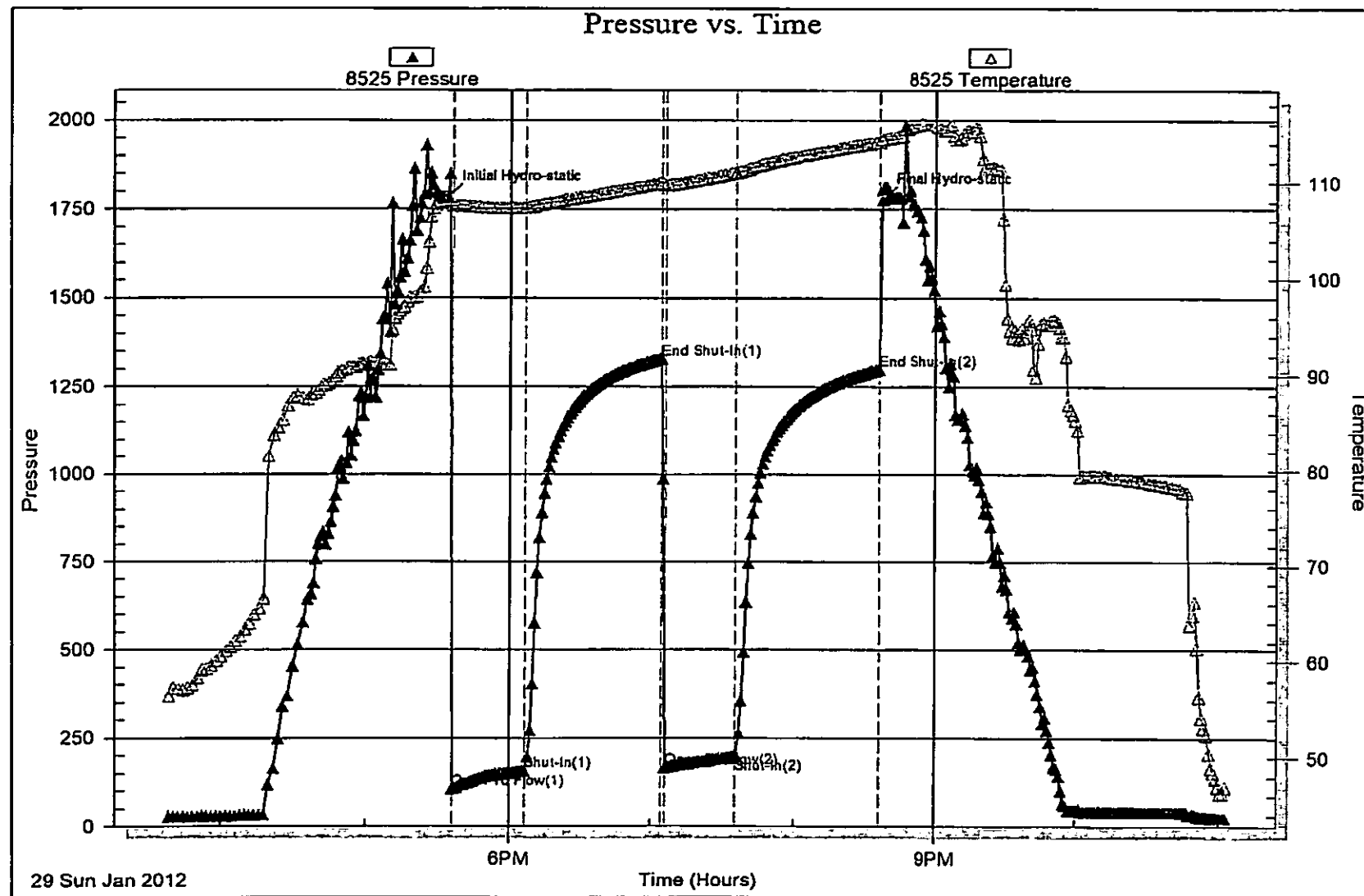
Total Length: 210.00ft Total Volume: 1.853 bbf

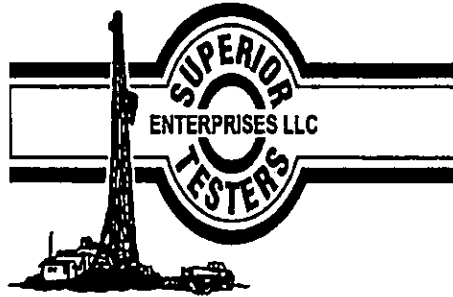
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Ruined packer







DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas L.L.C**
Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

Start Date: 2012.01.30 @ 05:30:00

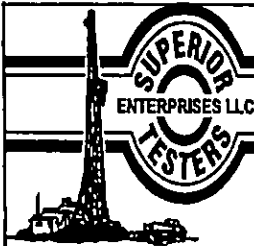
End Date: 2012.01.30 @ 11:43:30

Job Ticket #: 18735 DST #: 3

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

Printed: 2012.02.02 @ 14:00:57

Wildcat Oil & Gas L.L.C 27-30s-6w Kingman Crane B #3 DST # 3 KC:Hertha 2012.01.30



DRILL STEM TEST REPORT

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

ATTN: Tim Pierle

Job Ticket: 18735

DST#: 3

Test Start: 2012.01.30 @ 05:30:00

GENERAL INFORMATION:

Formation: KC-Hertha

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:07:00

Time Test Ended: 11:43:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Pratt-135

Interval: 3701.00 ft (KB) To 3715.00 ft (KB) (TVD)

Total Depth: 3715.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1420.00 ft (KB)

1410.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8524

Press@RunDepth: 84.56 psia @ ft (KB)

Start Date: 2012.01.30

End Date:

2012.01.30

Capacity: 5000.00 psia

Last Calib.: 2012.01.30

Start Time: 05:31:00

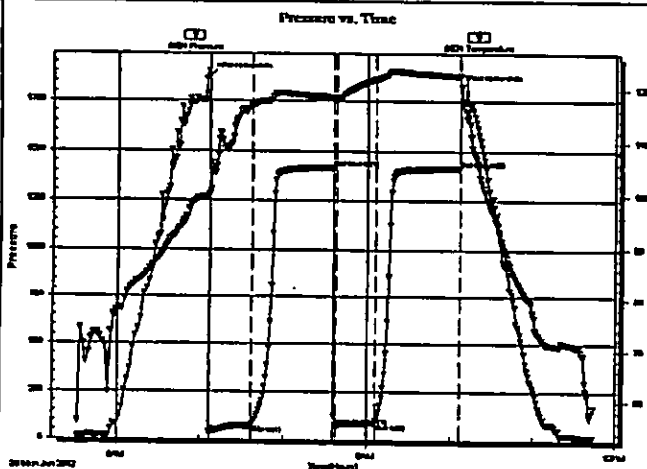
End Time:

11:43:30

Time On Blm: 2012.01.30 @ 07:06:00

Time Off Blm: 2012.01.30 @ 10:07:30

TEST COMMENT: 1st Opening 30 Minutes-Fair blow butt bottom of bucket in 16 minutes
 1st Shut-In 60 Minutes-Weak blow back
 2nd Opening 30 Minutes-Strong blow butt bottom of bucket in 2 minutes
 2nd Shut-In 60 Minutes-2 1/2 inch blow back



PRESSURE SUMMARY

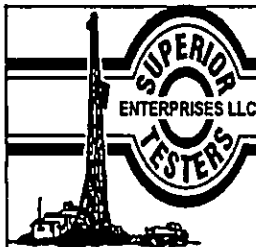
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1873.26	100.22	Initial Hydro-static
1	38.47	100.81	Open To Flow (1)
31	70.42	116.86	Shut-in(1)
90	1414.79	118.56	End Shut-in(1)
92	69.22	118.09	Open To Flow (2)
120	84.56	121.87	Shut-in(2)
181	1414.10	122.52	End Shut-in(2)
182	1818.98	120.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Gassy w ater cut mud	0.22
0.00	10%gas 1%oil 19%w ater 70%mud	0.00
120.00	Gasst mud cut w ater	1.00
0.00	10%gas 20%mud 70%w ater	0.00
0.00	540 feet gas in pipe	0.00
0.00	chlorides 75,000	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/D)



DRILL STEM TEST REPORT

Wildcat Oil & Gas LLC

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

ATTN: Tim Pierle

Job Ticket: 18735

DST#: 3

Test Start: 2012.01.30 @ 05:30:00

GENERAL INFORMATION:

Formation: KC-Hertha

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:07:00

Time Test Ended: 11:43:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Pratt-135

Interval: 3701.00 ft (KB) To 3715.00 ft (KB) (TVD)

Total Depth: 3715.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1420.00 ft (KB)

1410.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8525

Press@RunDepth: 1468.12 psia @ ft (KB)

Start Date: 2012.01.30

End Date: 2012.01.30

Capacity: 5000.00 psia

Last Calib.: 2012.01.30

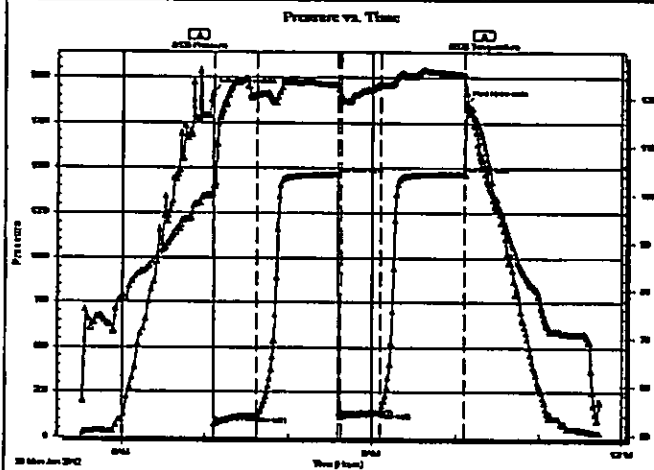
Start Time: 05:31:00

End Time: 11:44:00

Time On Blrm: 2012.01.30 @ 07:05:30

Time Off Blrm: 2012.01.30 @ 10:07:30

TEST COMMENT: 1st Opening 30 Minutes-Fair blow built bottom of bucket in 16 minutes
 1st Shut-in 60 Minutes-Weak blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 2 minutes
 2nd Shut-in 60 Minutes-2 1/2 Inch blow back



PRESSURE SUMMARY

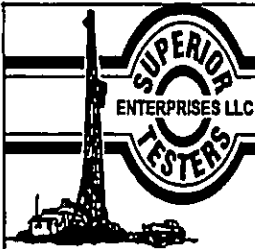
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1916.53	100.37	Initial Hydro-static
1	74.40	101.93	Open To Flow (1)
32	116.89	120.81	Shut-in(1)
91	1463.97	122.85	End Shut-in(1)
93	115.92	120.63	Open To Flow (2)
121	139.66	122.91	Shut-in(2)
181	1468.12	124.96	End Shut-in(2)
182	1858.66	121.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Gassy w ater cut mud	0.22
0.00	10%gas 1%oil 19%w ater 70%mud	0.00
120.00	Gassy mud cut w ater	1.00
0.00	10%gas 20%mud 70%w ater	0.00
0.00	540 feet gas in pipe	0.00
0.00	chlorides 75,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18735

DST#: 3

ATTN: Tim Pierle

Test Start: 2012.01.30 @ 05:30:00

Tool Information

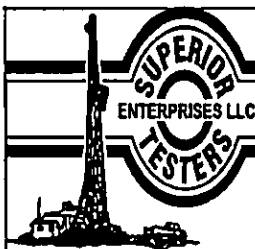
Drill Pipe:	Length: 3580.00 ft	Diameter: 3.80 inches	Volume: 50.22 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 50.81 bbl</u>	Tool Chased	1.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3701.00 ft			Final	63000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	34.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: ruined pack

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		inside	3686.00	
Hydraulic Tool	5.00			3691.00	
Packer	5.00			3696.00	20.00 Bottom Of Top Packer
Packer	5.00			3701.00	
Anchor	9.00			3710.00	
Recorder	1.00	8524	inside	3711.00	
Recorder	1.00	8525	Outside	3712.00	
Bullnose	3.00			3715.00	14.00 Bottom Packers & Anchor

Total Tool Length: 34.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas LLC
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Flerle

27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18735 DST#: 3
 Test Start: 2012.01.30 @ 05:30:00

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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 8000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

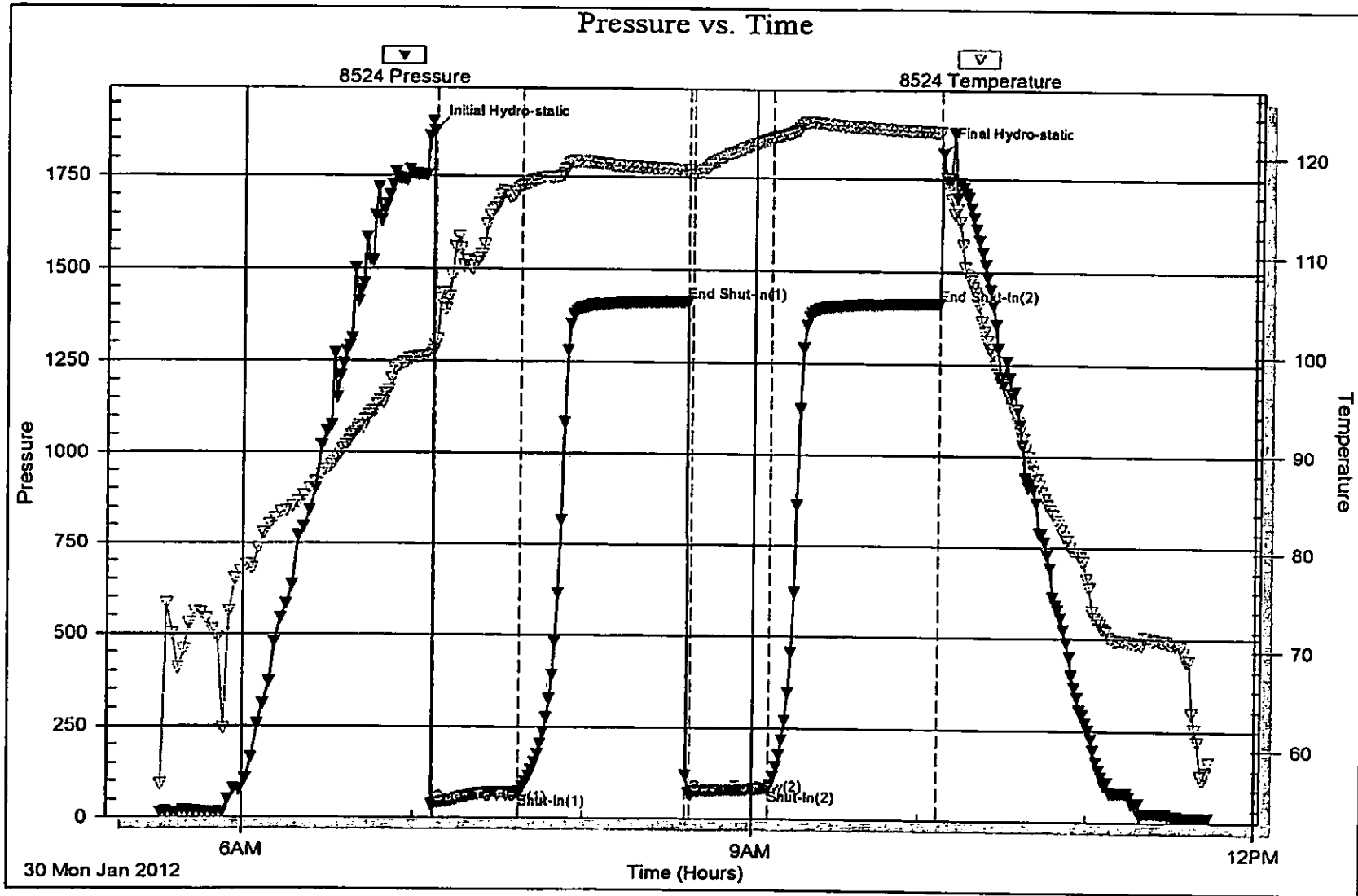
Length ft	Description	Volume bbl
45.00	Gassy water cut mud	0.221
0.00	10%gas 1%oil 19%water 70%mud	0.000
120.00	Gassy mud cut water	1.000
0.00	10%gas 20%mud 70%water	0.000
0.00	540 feet gas in pipe	0.000
0.00	chlorides 75,000	0.000
0.00	resistivity .15 @ 60 degrees	0.000

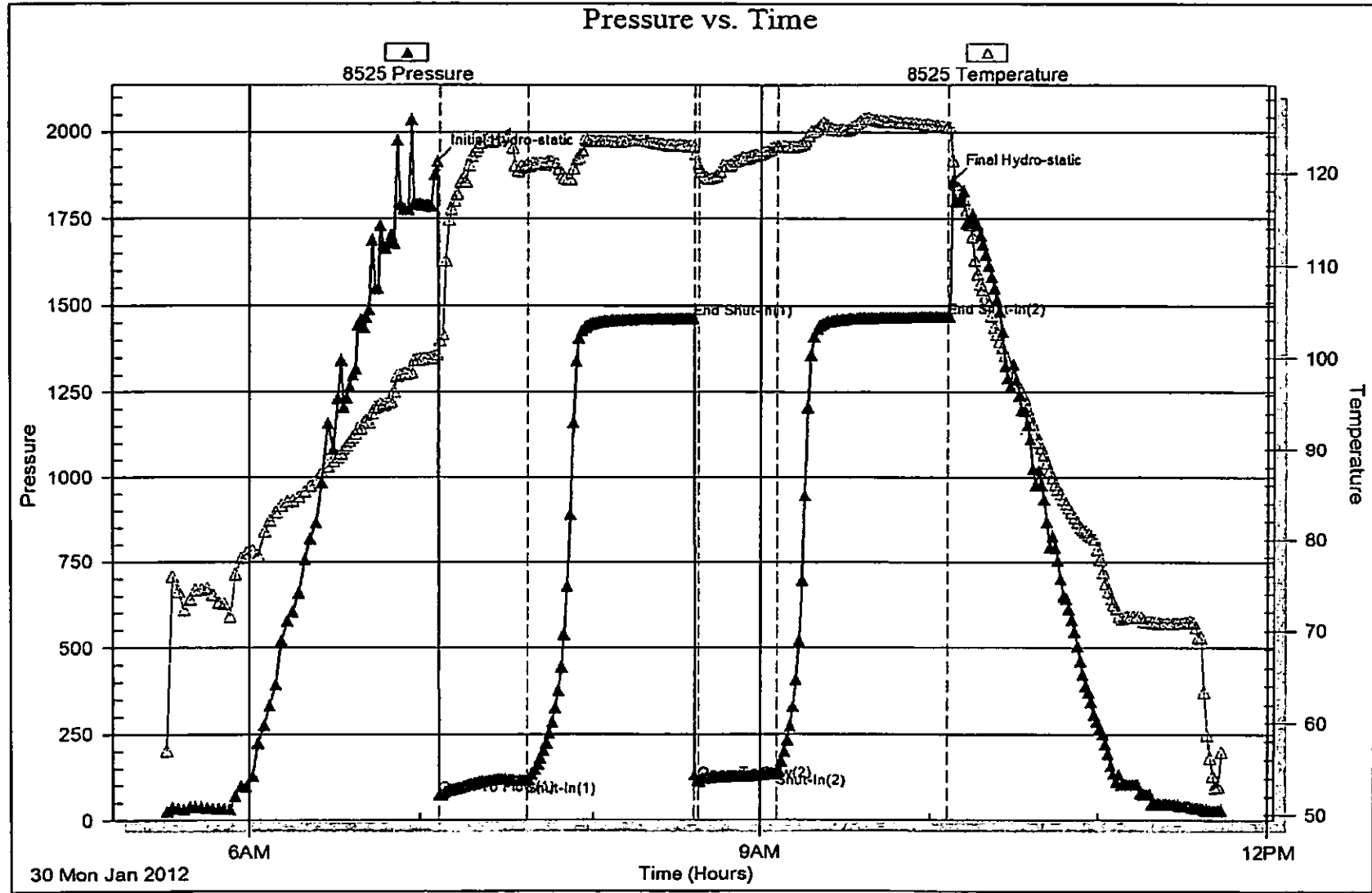
Total Length: 165.00 ft Total Volume: 1.221 bbl

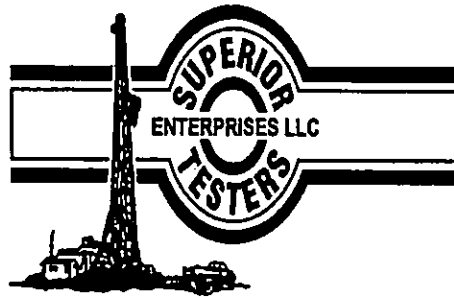
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Chlorides 75,000 Resistivity .15@60 Degrees/ruined pack







DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas L.L.C**

Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

27-30s-6w Kingman

Start Date: 2012.01.31 @ 08:10:00

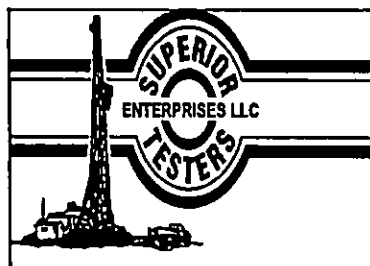
End Date: 2012.01.31 @ 15:05:00

Job Ticket #: 18736 DST #: 4

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

Printed: 2012.02.02 @ 14:01:11

Wildcat Oil & Gas L.L.C 27-30s-6w Kingman Crane B #3 DST # 4 Mississippi 2012.01.31



DRILL STEM TEST REPORT

Wildcat Oil & Gas L.L.C
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Fierle

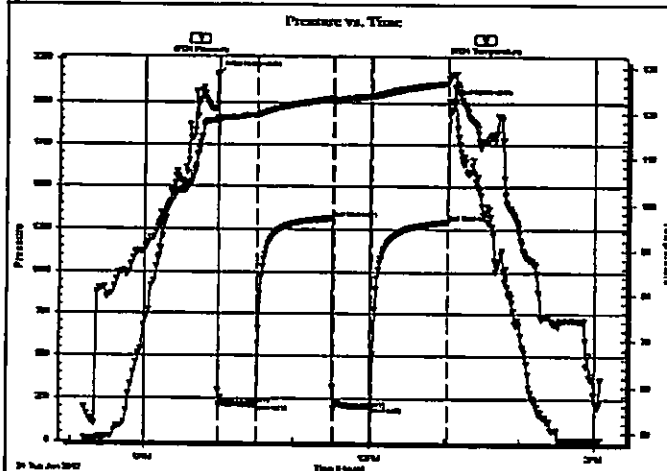
27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18736 DST#: 4
 Test Start: 2012.01.31 @ 08:10:00

GENERAL INFORMATION:

Formation: Mississipp
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:00:00
 Time Test Ended: 15:05:00
 Interval: 4103.00 ft (KB) To 4138.00 ft (KB) (TVD)
 Total Depth: 4138.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Pratt-135
 Reference Elevations: 1420.00 ft (KB)
 1410.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8524
 Press@RunDepth: 210.04 psia @ ft (KB)
 Start Date: 2012.01.31 End Date: 2012.01.31
 Start Time: 08:11:00 End Time: 15:05:00
 Capacity: 5000.00 psia
 Last Calib.: 2012.01.31
 Time On Blm: 2012.01.31 @ 09:59:00
 Time Off Blm: 2012.01.31 @ 13:03:30

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in less then 1 minute Gas to surface 4 minutes
 1st Shut-in 60 Minutes-Yes
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in less then 1 minute
 2nd Shut-in 60 Minutes-Yes



PRESSURE SUMMARY

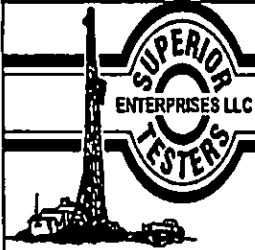
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	2162.40	118.79	Initial Hydro-static
1	213.33	118.30	Open To Flow (1)
32	216.69	119.50	Shut-in(1)
91	1315.43	123.26	End Shut-in(1)
93	191.43	122.75	Open To Flow (2)
123	210.04	123.79	Shut-in(2)
183	1293.36	126.59	End Shut-in(2)
185	2007.80	127.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Gas and mud cut w ater	1.71
0.00	10%gas 30%mud 60%w ater	0.00
0.00	3787 ffeet gas in pipi	0.00
0.00	Chlorides 70,000 resistivity .2 @58 deg	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.75	23.70	370.19
Last Gas Rate	0.75	20.20	315.52
Max. Gas Rate	0.75	23.70	370.19



DRILL STEM TEST REPORT

Wildcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18736

DST#: 4

ATTN: Tim Flerle

Test Start: 2012.01.31 @ 08:10:00

GENERAL INFORMATION:

Formation: Mississippi

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:00:00

Time Test Ended: 15:05:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Pratt-135

Interval: 4103.00 ft (KB) To 4138.00 ft (KB) (TVD)

Reference Elevations: 1420.00 ft (KB)

Total Depth: 4138.00 ft (KB) (TVD)

1410.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8525

Press@RunDepth: 1354.57 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.01.31

End Date:

2012.01.31

Last Calib.:

2012.01.31

Start Time: 08:11:00

End Time:

15:05:30

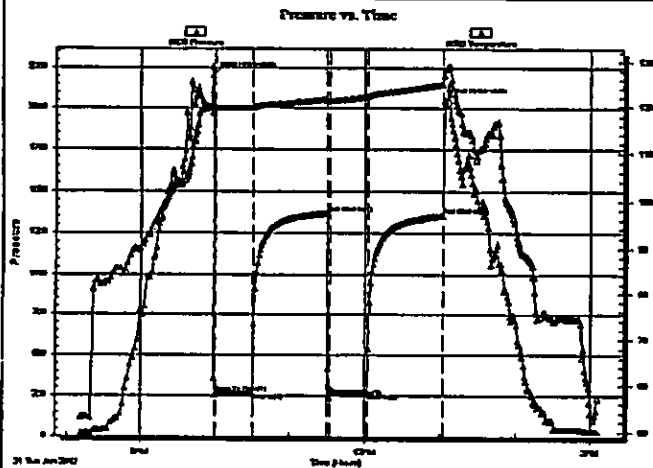
Time On Blm:

2012.01.31 @ 09:59:00

Time Off Blm:

2012.01.31 @ 13:03:30

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in less than 1 minute Gas to surface 4 minutes
 1st Shut-in 60 Minutes-Yes
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in less than 1 minute
 2nd Shut-in 60 Minutes-Yes



PRESSURE SUMMARY

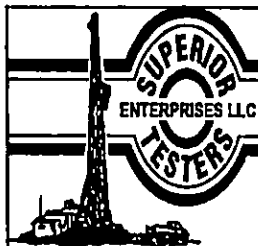
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2206.49	119.00	Initial Hydro-static
2	258.93	119.68	Open To Flow (1)
32	265.98	119.73	Shut-In(1)
91	1368.78	121.72	End Shut-In(1)
93	240.23	121.33	Open To Flow (2)
123	266.39	122.21	Shut-In(2)
184	1354.57	125.00	End Shut-In(2)
185	2051.43	127.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Gas and mud cut w ater	1.71
0.00	10%gas 30%mud 60%w ater	0.00
0.00	3787 ffe1 gas in pip1	0.00
0.00	Chlorides 70,000 resistivity .2 @58 degr	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcfd)
First Gas Rate	0.75	23.70	370.19
Last Gas Rate	0.75	20.20	315.52
Max. Gas Rate	0.75	23.70	370.19



DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas L.L.C
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Flerle

27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18736 DST#: 4
 Test Start: 2012.01.31 @ 08:10:00

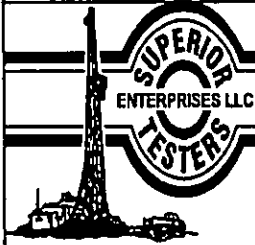
Tool Information

Drill Pipe:	Length: 3987.00 ft	Diameter: 3.80 inches	Volume: 55.93 bbl	Tool Weight: 1000.00 lb
Heavy Wl. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 56.52 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4103.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	4088.00	
Hydraulic Tool	5.00			4093.00	
Packer	5.00			4098.00	20.00 Bottom Of Top Packer
Packer	5.00			4103.00	
Anchor	30.00			4133.00	
Recorder	1.00	8424	Inside	4134.00	
Recorder	1.00	8525	Outside	4135.00	
Bullnose	3.00			4138.00	35.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas LLC

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18736

DST#: 4

ATTN: Tim Pierle

Test Start: 2012.01.31 @ 08:10:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 19.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 13000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
200.00	Gas and mud cut w ater	1.712
0.00	10%gas 30%mud 60%w ater	0.000
0.00	3787 ffet gas in pipi	0.000
0.00	Chlorides 70,000 resistivity .2 @58 degr	0.000

Total Length: 200.00 ft

Total Volume: 1.712 bbl

Num Fluid Samples: 0

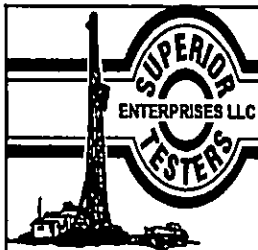
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Widcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18736

DST#: 4

ATTN: Tim Flerle

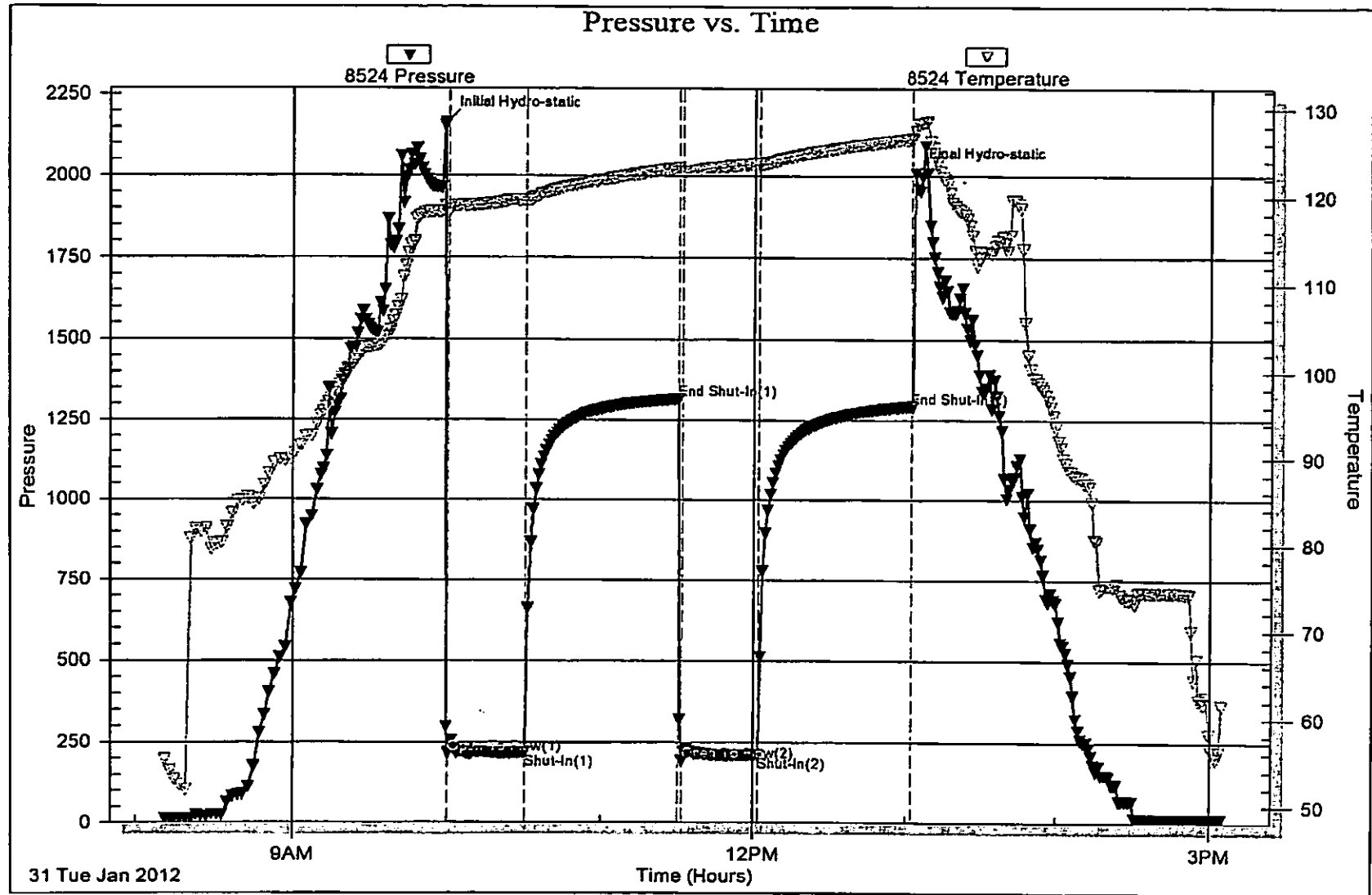
Test Start: 2012.01.31 @ 08:10:00

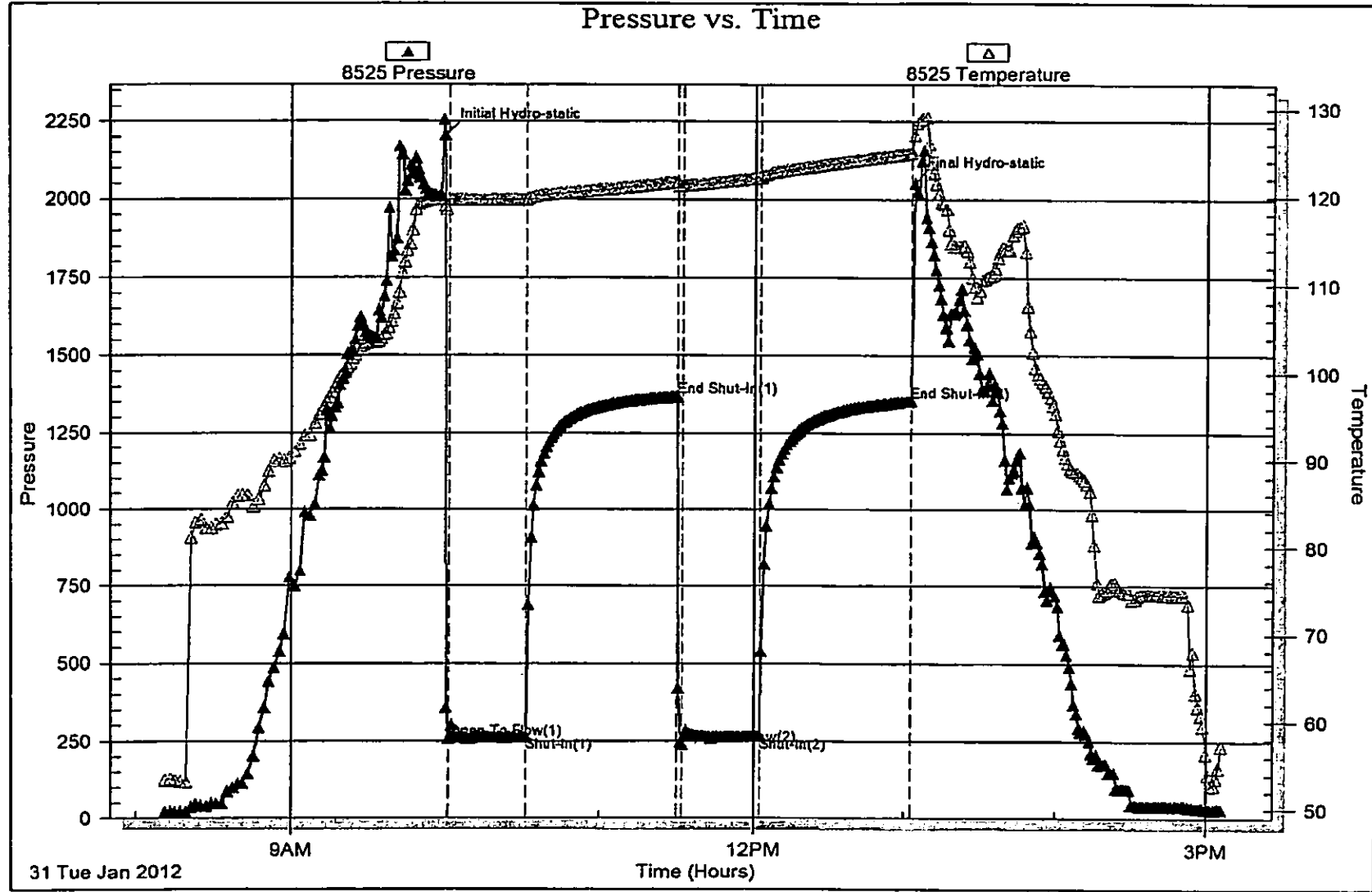
Gas Rates Information

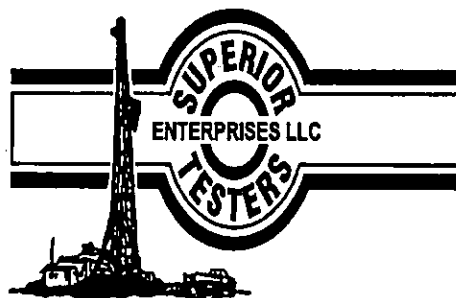
Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
1	10	0.75	23.70	370.19
1	10	0.75	20.20	315.52
1	10	0.75	20.20	315.52
2	10	0.75	23.70	370.19
2	10	0.75	21.20	331.14
2	10	0.75	20.20	315.52







DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas L.L.C**
Po Box 40 Spivey KS 67142+0040

ATTN: Tim Pierle

Crane B #3

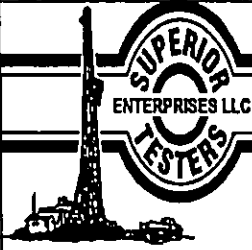
27-30s-6w Kingman

Start Date: 2012.02.01 @ 08:10:00
End Date: 2012.02.01 @ 15:08:30
Job Ticket #: 18737 DST #: 5

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

Printed: 2012.02.02 @ 14:01:29

Wildcat Oil & Gas L.L.C 27-30s-6w Kingman Crane B #3 DST # 5 Viola 2012.02.01



DRILL STEM TEST REPORT

Widcat Oil & Gas L.L.C
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Fierle

27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18737 DST#: 5
 Test Start: 2012.02.01 @ 08:10:00

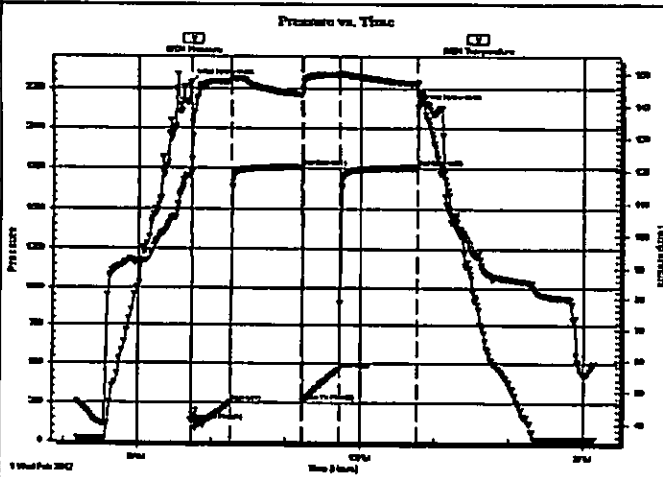
GENERAL INFORMATION:

Formation: Viola
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:44:00
 Time Test Ended: 15:08:30
 Interval: 4488.00 ft (KB) To 4501.00 ft (KB) (TVD)
 Total Depth: 4501.00 ft (KB) (TVD)
 Hole Diameter: 7.88 Inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Pratt-135
 Reference Elevations: 1420.00 ft (KB)
 1410.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8524

Press@RunDepth: 462.75 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.01 End Date: 2012.02.01 Last Calib.: 2012.02.01
 Start Time: 08:11:00 End Time: 15:08:30 Time On Btm: 2012.02.01 @ 09:43:00
 Time Off Btm: 2012.02.01 @ 12:47:00

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket less than 1 minute gas to surface 15 minutes
 1st Shut-in 60 Minutes-Yes blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in less than 1 minute
 2nd Shut-in 60 Minutes-Yes blow back



PRESSURE SUMMARY

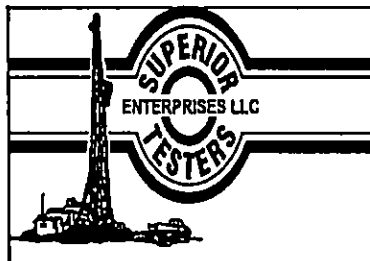
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2281.56	119.36	Initial Hydro-static
1	127.47	123.46	Open To Flow (1)
33	245.53	147.71	Shut-In(1)
90	1757.71	143.57	End Shut-In(1)
91	255.72	145.16	Open To Flow (2)
120	462.75	149.64	Shut-In(2)
183	1755.67	148.85	End Shut-In(2)
184	2135.17	144.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Spot oil muddy w water	0.59
0.00	19%gas 1%oil 50%mud 30%w ater	0.00
120.00	gassy water cut mud	1.68
0.00	70%gas 10%w ater 20%mud	0.00
600.00	Water	8.42
0.00	3522 feet gas in pipe	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	9.00	14.28
Last Gas Rate	0.25	7.00	11.11
Max. Gas Rate	0.25	9.00	14.28



DRILL STEM TEST REPORT

Widcat Oil & Gas L.L.C

27-30s-6w Kingman

Po Box 40 Spivey KS 67142+0040

Crane B #3

Job Ticket: 18737

DST#: 5

ATTN: Tim Fierle

Test Start: 2012.02.01 @ 08:10:00

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:44:00

Time Test Ended: 15:08:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Pratt-135

Interval: 4488.00 ft (KB) To 4501.00 ft (KB) (TVD)

Total Depth: 4501.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1420.00 ft (KB)

1410.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8525

Press@RunDepth: 1830.45 psia @ ft (KB)

Start Date: 2012.02.01

End Date:

2012.02.01

Capacity: 5000.00 psia

Last Calib.: 2012.02.01

Start Time: 08:11:00

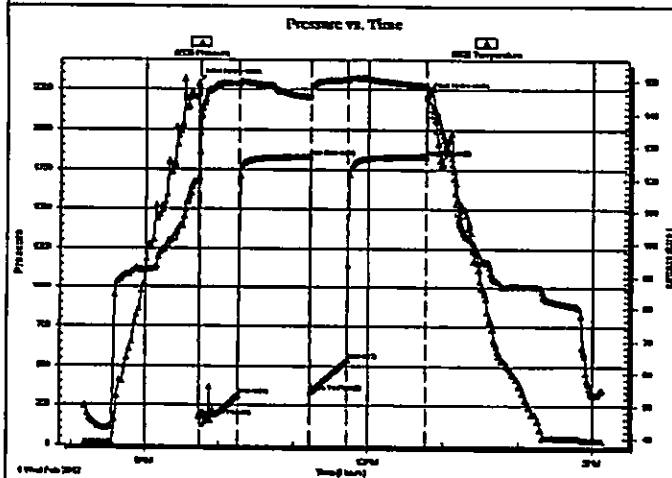
End Time:

15:08:00

Time On Btm: 2012.02.01 @ 09:43:00

Time Off Btm: 2012.02.01 @ 12:47:00

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket less then 1 minute gas to surface 15 minutes
 1st Shut-in 60 Minutes-Yes blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in less then 1 minute
 2nd Shut-in 60 Minutes-Yes blow back



PRESSURE SUMMARY

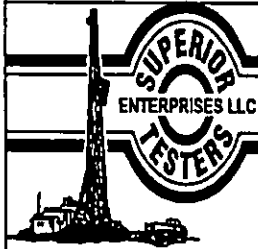
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2293.71	120.60	Initial Hydro-static
1	178.65	128.48	Open To Flow (1)
33	311.17	149.20	Shut-in(1)
90	1830.08	145.28	End Shut-in(1)
91	330.27	146.07	Open To Flow (2)
120	540.03	150.24	Shut-in(2)
183	1830.45	148.57	End Shut-in(2)
184	2211.82	146.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Spot oil muddy w water	0.59
0.00	19%gas 1%oil 50%mud 30%w ater	0.00
120.00	gassy w ater cut mud	1.68
0.00	70%gas 10%w ater 20%mud	0.00
600.00	Water	8.42
0.00	3522 feet gas in pipe	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	9.00	14.28
Last Gas Rate	0.25	7.00	11.11
Max. Gas Rate	0.25	9.00	14.28



DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas L.L.C
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Pierle

27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18737 DST#: 5
 Test Start: 2012.02.01 @ 08:10:00

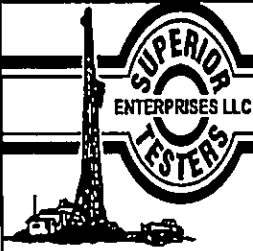
Tool Information

Drill Pipe:	Length: 4362.00 ft	Diameter: 3.80 inches	Volume: 61.19 bbl	Tool Weight: 1000.00 lb
Heavy W. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.78 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4488.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00		Inside	4473.00	
Hydraulic Tool	5.00			4478.00	
Packer	5.00			4483.00	20.00 Bottom Of Top Packer
Packer	5.00			4488.00	
Anchor	8.00			4496.00	
Recorder	1.00	8524	inside	4497.00	
Recorder	1.00	8525	Outside	4498.00	
Bullnose	3.00			4501.00	13.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas LLC
 Po Box 40 Spivey KS 67142+0040
 ATTN: Tim Fierle

27-30s-6w Kingman
 Crane B #3
 Job Ticket: 18737 DST#: 5
 Test Start: 2012.02.01 @ 08:10:00

Mud and Cushion Information

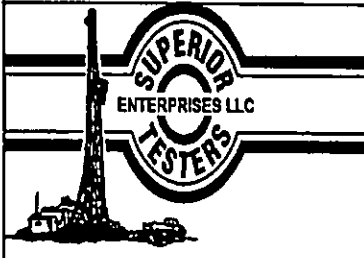
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 8000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Spot oil muddy water	0.590
0.00	19%gas 1%oil 50%mud 30%water	0.000
120.00	gassy water cut mud	1.683
0.00	70%gas 10%water 20%mud	0.000
600.00	Water	8.416
0.00	3522 feet gas in pipe	0.000
0.00	Chlorides 90,000	0.000
0.00	Resistivity .15 @58 degrees	0.000

Total Length: 840.00 ft Total Volume: 10.689 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Chlorides 90,000



DRILL STEM TEST REPORT

GAS RATES

Wildcat Oil & Gas L.L.C
Po Box 40 Spivey KS 67142+0040
ATTN: Tim Pierle

27-30s-6w Kingman
Crane B #3
Job Ticket: 18737 DST#: 5
Test Start: 2012.02.01 @ 08:10:00

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	10	0.25	9.00	14.28
1	10	0.25	9.00	14.28
2	10	0.25	6.60	10.47
2	10	0.25	7.00	11.11
2	10	0.25	7.00	11.11

