

Kansas Corporation Commission Oil & Gas Conservation Division

1144472

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

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

AFFIDAVIT

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

Submitted Electronically

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

Side Two



Operator Name:				Lease l	Name: _			_Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: She time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	sure read	ched static level,	hydrostatic press	sures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes	No			og Formatio	n (Top), Depth ar	nd Datum	;	Sample
Samples Sent to Geol	ogical Survey	Yes	No		Nam	е		Тор	[Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy		Yes Yes Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	Ne	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
		Δ	ADDITIONAL	CEMENTIN	NG / SQL	 EEZE RECORD				
Purpose:	Depth	Type of (# Sacks			Type and F	Percent Additives		
Perforate Protect Casing	Top Bottom									
Plug Back TD Plug Off Zone										
r lug on zone										
Shota Par Foot	PERFORATI	ON RECORD -	- Bridge Plug	s Set/Type		Acid, Fra	cture, Shot, Cemen	t Squeeze Recor	d	
Shots Per Foot	Specify	Footage of Each	h Interval Perf	orated		(Ai	mount and Kind of Ma	aterial Used)		Depth
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	_	roducing Meth	nod:	g 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:	'	ħ.	METHOD OF	COMPLE	TION:		PRODUCTION	ON INTER	VAI ·
Vented Sold		Oper	n Hole	Perf.	Dually	Comp. Cor	nmingled			
(If vented, Sub		O+b-	or (Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			

Form	ACO1 - Well Completion			
Operator	Webco Oil Company, Inc.			
Well Name	Weber 'A' 13			
Doc ID	1144472			

All Electric Logs Run

Dual Compensated Porosity Log
Dual Induction Log
Microresistivity Log
Dual Receiver Cement Bond Log

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665 No. 6378

1 12 12 Sec.	Twp. Range	County State On Location	9 Finish
Date 2-13-13 12	16 12 150	xx ton ns	1. 30 Am
Thomas blad had marine and A	Location	on Beauer, Ks - 3E, 23 N, E,	5
Lease Weber H	Well No. 13	Owner	ent have graphered
Contractor Southwind	# Hando label manissim el	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment a	and furnish
Type Job Surface	AD TO THE POST OF THE STREET	cementer and helper to assist owner or contractor to do	work as listed.
Hole Size 12/4"	T.D. 388'	Charge Webco oil Compo	AY MAN
Csg. 85/81	Depth 388'	Street	ne Otto sente de
Tbg. Size	Depth	City State	many districtions
Tool	Depth	The above was done to satisfaction and supervision of owner a	gent or contractor.
Cement Left in Csg. 201	Shoe Joint 20	Cement Amount Ordered 80 5X 6 mme	n 3/3 CC
Meas Line	Displace 23 44 KCS	Photoe man adam by village medical	<u> </u>
EQUIPN	IENT	Common	THE COLORS AND A
I dilipting	2012	Poz. Mix	A CONTRACTOR OF
Bulktrk 8 No. Driver Driver	.cy	Gel.	- A-1
Bulktrk No. Driver Driver	2	Calcium	
JOB SERVICES	& REMARKS	Hulls and control to the time of time of the time of time of the time of t	and ealing andreas.
Remarks: Coment did	(irculate.	Salt	terior y estados. Controlles y estados colo s
Rat Hole	g a control of billion in the	Flowseal	ement to enter to?
Mouse Hole		Kol-Seal	par pagane ja
Centralizers	kiju produs je ize goli bilgerski i dis	Mud CLR 48	acted (A)
Baskets	Maria - Park Grangeton British	CFL-117 or CD110 CAF 38	ARTONIO Right Control
D/V or Port Collar	our la represtisse à le publice	Sand west to see the state of t	<u>a il a în tia car</u>
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X Signature	1000	Total Charge	*



Webco Oil Company, Inc

Weber "A" #13

12-16s-12w-Barton

2136 NE 90 Ave

Hoisington Ks, 67544-9244

Job Ticket: 17553

DST#:1

ATTN: Kurt Talbort

Test Start: 2013.02.17 @ 02:20:00

GENERAL INFORMATION:

Time Tool Opened: 04:34:30

Time Test Ended: 08:40:00

Formation: Deviated:

Lansing Zone "G"

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Shane Konzem

Unit No:

3330-60/ Great Bend

Interval:

3116.00 ft (KB) To 3135.00 ft (KB) (TVD)

Reference Bevations:

1896.00 ft (KB)

Total Depth:

Serial #: 8405

Press@RunDepth:

KB to GR/CF:

1889.00 ft (CF)

Hole Diameter:

3135.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

7.00 ft

Inside

3131.00 ft (KB)

Capacity:

5000.00 psia

Start Date:

83.40 psia @

2013.02.17

End Date:

2013.02.17

Last Calib .:

Time On Btm:

2013.02.17

Start Time:

02:20:00

End Time:

08:40:00

Time Off Btm:

2013.02.17 @ 04:27:00

2013.02.17 @ 06:56:30

30 Mnutes. Fair blow built to bottom of 5 gallon bucket in 22 minutes.

TEST COMMENT: 1st Open/ 1st Shut In/

30 Minutes. No blow back.

2nd Open/

30 Minutes. Weak blow to 6 inchs in water.

2nd Shut In/ 45 Minutes. No blow back.

			Pressure vs. Ti	me	
		9405 F	Pressure	9405 Temperature	105
	1500	-	Rad Hydros tree	suar Williams:	- 100
	1250	[-		1 1	- w
3	1000	5/			- 86 - 80 E
Pressure (psia)	750				80 Temperature (deg F)
Pre					R 8
	500		Ingelia	hi(t) End Birble (2)	- 60
	250		Det 2	Maria Co	
1	0 7 Sun F	3AM	DELITE HERE	BAM	, 1 6

	PRESSURE SUMMARY					
t	Time	Pressure	Temp	Annotation		
	(Min.)	(psia)	(deg F)	Lt.		
	0	1510.36	96.98	Initial Hydro-static		
	8	35.76	96.75	Open To Flow (1)		
	39	59.49	97.96	Shut-In(1)		
	69	361.22	98.17	End Shut-In(1)		
Temperature (deg F)	70	59.40	98.33	Open To Flow (2)		
rature	100	83.40	100.38	Shut-In(2)		
(deg	149	368.69	101.17	End Shut-In(2)		
J	150	1501.25	101.25	Final Hydro-static		

Recovery

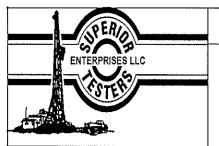
Length (ft)	Description	Volume (bbl)
50.00 oil, water cut mud		0.70
0.00	5% oil, 15% water, 80% mud.	0.00
60.00	mud cut w ater	0.84
0.00	20% mud and 80% w ater	0.00
0.00	recover chlorides 30000 ppm	0.00
0.00	recover resist3 ohms at 40 degrees	0.00

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 17553



Webco Oil Company, Inc.

Hoisington Ks, 67544-9244

12-16s-12w-Barton Weber "A" #13

2136 NE 90 Ave

Job Ticket: 17553

DST#: 1

ATTN: Kurt Talbort

Test Start: 2013.02.17 @ 02:20:00

GENERAL INFORMATION:

Formation:

Lansing Zone "G" No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Shane Konzem

Unit No:

3330-60/ Great Bend

Reference Bevations:

1896.00 ft (KB)

KB to GR/CF:

1889.00 ft (CF) 7.00 ft

Interval:

Start Date:

Start Time:

3116.00 ft (KB) To 3135.00 ft (KB) (TVD)

Total Depth:

3135.00 ft (KB) (TVD)

Time Tool Opened: 04:34:30

Time Test Ended: 08:40:00

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 8400

Press@RunDepth:

370.17 psia @

Outside

3132.00 ft (KB) End Date:

2013.02.17

Capacity:

5000.00 psia

2013.02.17

02:20:00

End Time:

08:39:30

Last Calib.: Time On Btm: 2013.02.17

Time Off Btm:

2013.02.17 @ 04:27:00 2013.02.17 @ 07:02:00

TEST COMMENT: 1st Open/

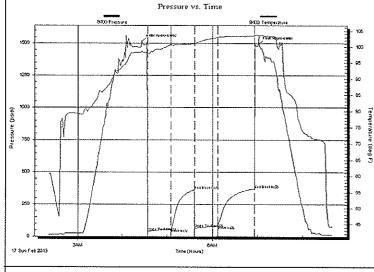
30 Mnutes. Fair blow built to bottom of 5 gallon bucket in 22 minutes.

1st Shut In/ 30 Minutes. No blow back.

2nd Open/

30 Minutes. Weak blow to 6 inchs in water.

2nd Shut In/ 45 Minutes. No blow back.



PRESSURE SUMMARY

	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	
	0	1514.06	98.47	Initial Hydro-static
	8	37.74	98.00	Open To Flow (1)
	39	59.56	100.64	Shut-In(1)
4	69	364.48	100.91	End Shut-In(1)
3	70	63.12	100.83	Open To Flow (2)
	100	83.43	103.00	Shut-In(2)
à	149	370.17	103.43	End Shut-In(2)
9	155	1494.60	103.64	Final Hydro-static

Recovery

Length (ft) Description	
50.00 oil, water cut mud	
5% oil, 15% w ater, 80% mud.	0.00
mud cut w ater	0.84
20% mud and 80% w ater	0.00
recover chlorides 30000 ppm	0.00
recover resist3 ohms at 40 degrees	0.00
	oil, water cut mud 5% oil, 15% water, 80% mud. mud cut water 20% mud and 80% water recover chlorides 30000 ppm

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 17553



TOOL DIAGRAM

Webco Oil Company, Inc

12-16s-12w-Barton

2136 NE 90 Ave Hoisington Ks, 67544-9244 Weber "A" #13 Job Ticket: 17553

ATTN: Kurt Talbort

Test Start: 2013.02.17 @ 02:20:00

Tool Information

Drill Pipe:

Drill Collar:

Length: 3124.00 ft Diameter: Heavy Wt. Pipe: Length: Length:

0.00 ft Diameter: 0.00 ft Diameter:

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

0.00 bbl 0.00 bbl Total Volume: 43.82 bbl

43.82 bbl

Tool Weight:

2000.00 lb Weight set on Packer: 20000.00 lb

DST#:1

Tool Chased

Weight to Pull Loose: 48000.00 lb

Final 36000.00 lb

String Weight: Initial 36000.00 lb

0.00 ft

Drill Pipe Above KB:

Depth to Top Packer: 3116.00 ft

Depth to Bottom Packer: Interval between Packers: 19.00 ft

Tool Length: Number of Packers:

28.00 ft

39.00 ft 2 Diameter:

6.75 inches

Tool Comments:

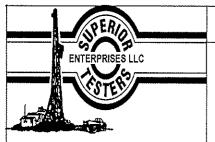
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
SHut-InTool	5.00		Inside	3101.00		
Hydrolic Tool	5.00			3106.00		
Packer	5.00			3111.00	20.00	Bottom Of Top Packer
Packer	5.00			3116.00		
Anchor	14.00			3130.00		
Recorder	1.00	8405	Inside	3131.00		
Recorder	1.00	8400	Outside	3132.00		
Bullnose	3.00			3135.00	19.00	Bottom Packers & Anchor

Total Tool Length:

39.00

Superior Testers Enterprises LLC

Ref. No: 17553



FLUID SUMMARY

Webco Oil Company, Inc.

12-16s-12w-Barton

2136 NE 90 Ave Hoisington Ks, 67544-9244 Weber "A" #13

Job Ticket: 17553

ft

ldd

psia

DST#: 1

ATTN: Kurt Talbort

Test Start: 2013.02.17 @ 02:20:00

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

56.00 sec/qt 7.20 in³

Water Loss: Resistivity:

Viscosity:

Salinity:

ohm.m 2000.00 ppm

Cushion Type:

Cushion Length: **Cushion Volume:**

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length Description Volume bbl 50.00 oil, water cut mud 0.701 0.00 5% oil, 15% water, 80% mud. 0.000 60.00 mud cut w ater 0.842 0.00 20% mud and 80% water 0.000 0.00 recover chlorides 30000 ppm 0.000 0.00 recover resist. .3 ohms at 40 degrees 0.000

Total Length:

110.00 ft

Total Volume:

1.543 bbl

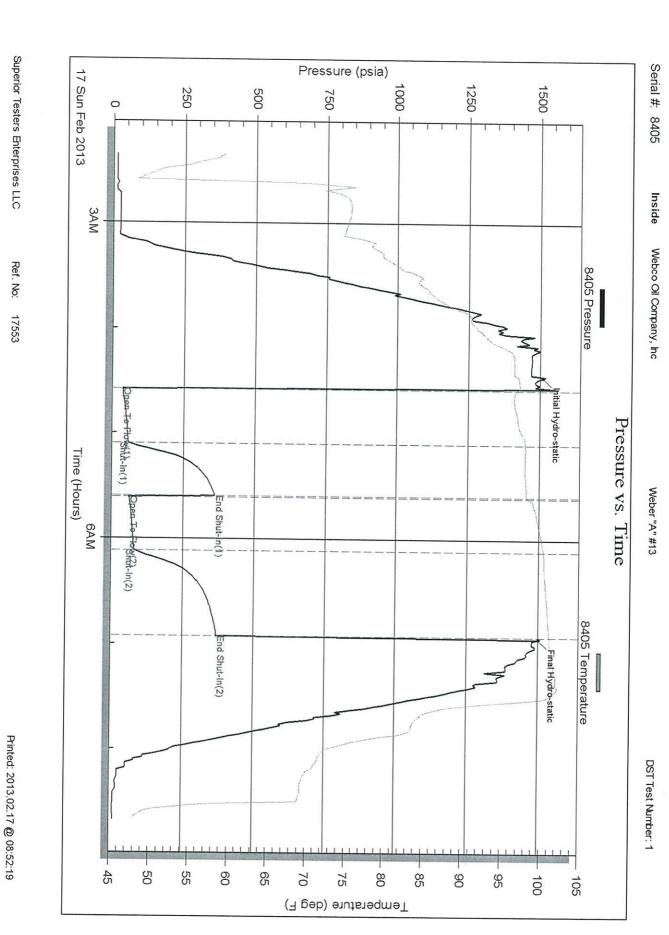
Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs:

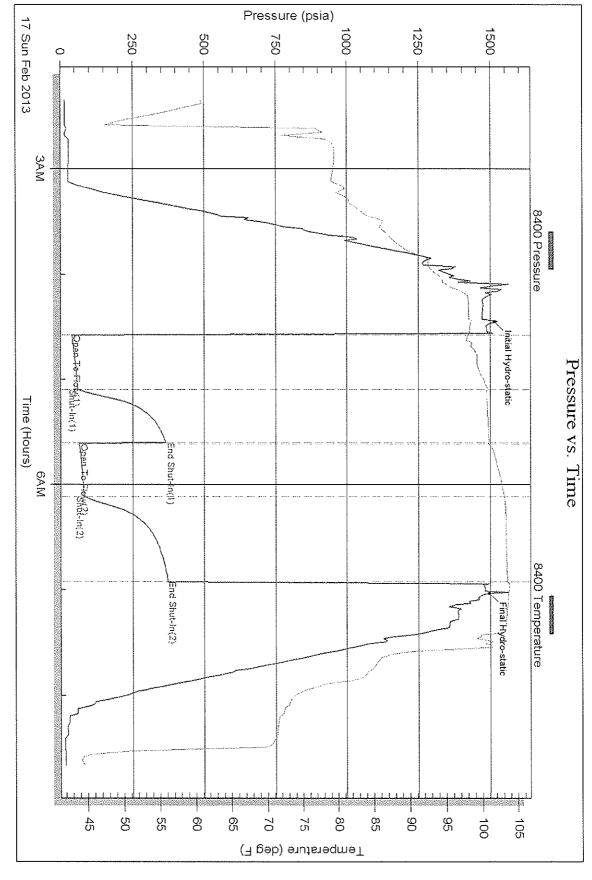
Laboratory Location:

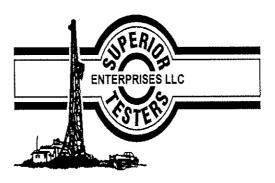
Recovery Comments:

Serial #:



Serial #: 8400





Prepared For: Webco Oil Company, Inc

2136 NE 90 Ave

Hoisington Ks, 67544-9244

ATTN: Kurt Talbort

Weber "A" #13

12-16s-12w-Barton

Start Date: 2013.02.18 @ 01:00:00 End Date: 2013.02.18 @ 09:03:30

Job Ticket #: 17554 DST #: 2

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



Webco Oil Company, Inc

12-16s-12w-Barton

2136 NE 90 Ave

Hoisington Ks, 67544-9244

Weber "A" #13

Job Ticket: 17554

DST#:2

ATTN: Kurt Talbort

Test Start: 2013.02.18 @ 01:00:00

GENERAL INFORMATION:

Time Tool Opened: 02:59:30

Time Test Ended: 09:03:30

Formation:

Arbuckle

Deviated:

Interval:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Shane Konzem

Unit No:

3330-60/ Great Bend

3310.00 ft (KB) To 3316.00 ft (KB) (TVD)

Reference Bevations:

1896.00 ft (KB) 1889.00 ft (CF)

Total Depth: 3316.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

KB to GR/CF:

7.00 ft

Serial #: 8405

Hole Diameter:

Inside

1107.93 psia @

3312.00 ft (KB)

Capacity:

5000.00 psia

Start Date:

Press@RunDepth:

2013.02.18

End Date:

2013.02.18

Last Calib.:

2013.02.18

Start Time:

01:00:00

End Time:

09:03:30

Time On Btm:

2013.02.18 @ 02:52:30

Time Off Btm:

2013.02.18 @ 05:07:30

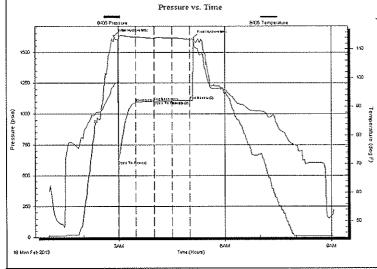
TEST COMMENT: 1st Open/

30 Minutes. Strog blow built to bottom of bucket in less than 1 minute.

1st Shut In/ 30 Minutes. No blow back.

2nd Open/ 30 Minutes. Fair blow built to bottom of bucket in 25 minutes.

30 Minutes, slight surface blow. 2nd Shut



BBEARIBE	01131314531
PRESSURE	SUMMARY

1	Time	Pressure	Temp	Annotation	
	(Min.)	(psia)	(deg F)		
	0	1633.17	97.66	initial Hydro-static	
	7	583.80	100.39	Open To Flow (1)	
	37	1092.48	114.23	Shut-In(1)	
	67	1104.56	113.76	End Shut-In(1)	
	68	1104.76	113.76	Open To Flow (2)	
	98	1107.93	113.90	Shut-in(2)	
	128	1110.52	113.59	End Shut-In(2)	
	135	1618.39	111.71	Final Hydro-static	

Recovery

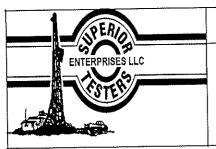
Length (ft)	Description	Volume (bbl)
310.00	clean oil	4.35
1364.00	oil cut water	19.13
0.00	50% oil, 50% w ater	0.00
186.00	oil cut water	2.61
0.00	10% oil, 90% w ater	0.00
1084.00	100% w aterf	15.21

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 17554



Webco Oil Company, Inc

2136 NE 90 Ave Hoisington Ks, 67544-9244

ATTN: Kurt Talbort

12-16s-12w-Barton

Weber "A" #13

Job Ticket: 17554

DST#:2

Test Start: 2013.02.18 @ 01:00:00

GENERAL INFORMATION:

Formation:

Arbuckle

Deviated:

Interval:

Whipstock: No

ft (KB)

Time Tool Opened: 02:59:30 Time Test Ended: 09:03:30

3310.00 ft (KB) To 3316.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 3316.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester:

Shane Konzem

Unit No:

3330-60/ Great Bend

Reference Bevations:

1896.00 ft (KB)

1889.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8400

Press@RunDepth:

Outside

1110.82 psia @ 2013.02.18

01:00:00

3313.00 ft (KB) End Date:

2013.02.18

Last Calib.:

Capacity:

5000.00 psia 2013.02.18

Start Date: Start Time:

18 Mon Feb 2013

End Time:

09:00:23

Time On Btm:

2013.02.18 @ 02:46:53

Time Off Btm:

2013.02.18 @ 05:07:23

TEST COMMENT: 1st Open/

2nd Shut

30 Minutes. Strog blow built to bottom of bucket in less than 1 minute. 1st Shut In/ 30 Minutes. No blow back.

2nd Open/ 30 Minutes. Fair blow built to bottom of bucket in 25 minutes.

30 Minutes, slight surface blow.

Pressure vs. Time 940) Temperature

PF	RESSUF	RE SUMMARY
Sure	Temo	Annotation

1	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	
	0	1611.00	98.29	Initial Hydro-static
	11	528.68	104.00	Open To Flow (1)
	41	1093.33	115.64	Shut-ln(1)
	71	1105.07	115.28	End Shut-In(1)
1	73	1096.02	115.13	Open To Flow (2)
	103	1108.47	115.26	Shut-In(2)
1	133	1110.82	115.05	End Shut-In(2)
פ	141	1584.56	111.72	Final Hydro-static
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Recovery

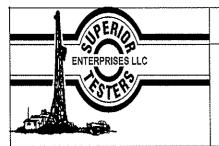
Length (ft)	Description	Volume (bbl)
310.00	clean oil	4.35
1364.00	oil cut w ater	19.13
0.00	50% oil, 50% w ater	0.00
186.00	oil cut w ater	2.61
0.00	10% oil, 90% w ater	0.00
1084.00	100% w aterf	15.21

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 17554



Length:

DRILL STEM TEST REPORT

Total Volume:

12-16s-12w-Barton

Webco Oil Company, Inc

2136 NE 90 Ave Hoisington Ks, 67544-9244 Weber "A" #13

Job Ticket: 17554

DST#:2

TOOL DIAGRAM

ATTN: Kurt Talbort

Test Start: 2013.02.18 @ 01:00:00

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Depth to Bottom Packer:

Length: 3309.00 ft Diameter: 0.00 ft Diameter: 0.00 ft Diameter:

0.00 inches Volume: 0.00 inches Volume:

3.80 inches Volume: 46.42 bbl 0.00 bbl 1dd 00.0

46.42 bbl

Tool Weight: Weight set on Packer: 20000.00 lb

2000.00 lb

Tool Chased

Weight to Pull Loose: 48000.00 lb

0.00 ft

String Weight: Initial 36000.00 lb Final 42000.00 lb

Printed: 2013.02.18 @ 09:49:32

Drill Pipe Above KB: Depth to Top Packer:

Number of Packers:

19.00 ft 3310.00 ft

ft Interval between Packers:

6.00 ft

26.00 ft 2

Diameter:

6.75 inches

Tool Comments:

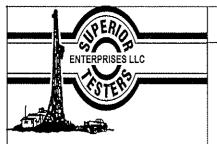
Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
SHut-InTool	5.00		Inside	3295.00		
Hydrolic Tool	5.00			3300.00		
Packer	5.00			3305.00	20.00	Bottom Of Top Packer
Packer	5.00			3310.00		
Anchor	1.00			3311.00		
Recorder	1.00	8405	Inside	3312.00		
Recorder	1.00	8400	Outside	3313.00		
Bullnose	3.00			3316.00	6.00	Bottom Packers & Anchor

Total Tool Length:

26.00

Ref. No: 17554



FLUID SUMMARY

Webco Oil Company, Inc

12-16s-12w-Barton

2136 NE 90 Ave

Weber "A" #13

Hoisington Ks, 67544-9244

Job Ticket: 17554

DST#: 2

ATTN: Kurt Talbort

Test Start: 2013.02.18 @ 01:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

Water Salinity:

ppm

Viscosity:

54.00 sec/qt 8.00 in³

Cushion Volume:

ft bbl

Water Loss: Resistivity:

ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psia

Salinity: 4800.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbi
310.00	clean oil	4.348
1364.00	oil cut water	19.133
0.00	50% oil, 50% w ater	0.000
186.00	oil cut water	2.609
0.00	10% oil, 90% w ater	0.000
1084.00	100% w aterf	15.206

Total Length:

2944.00 ft

Total Volume:

41.296 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

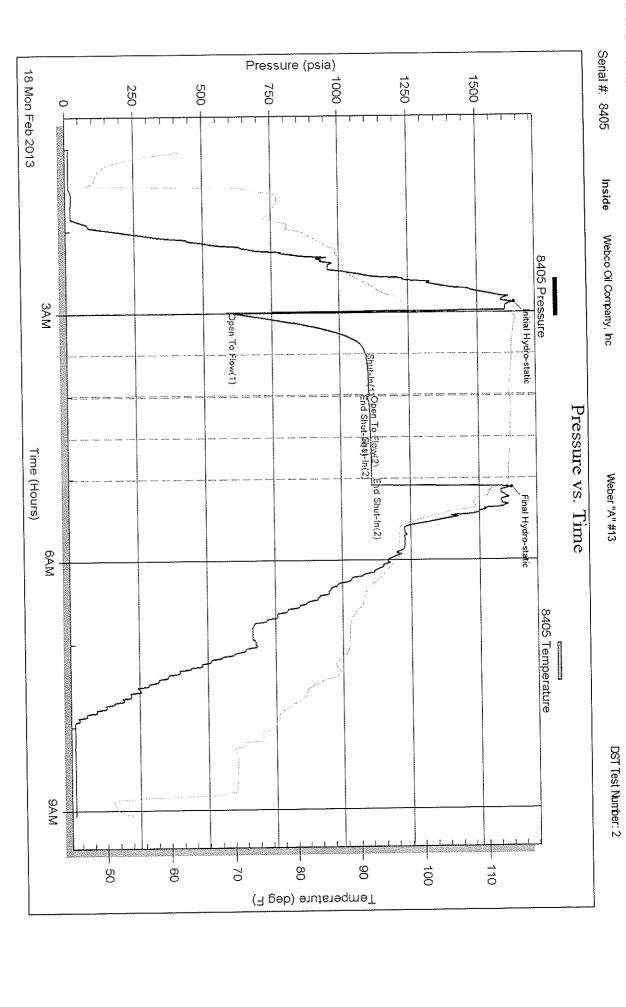
Laboratory Name:

Laboratory Location:

Recovery Comments:

Superior Testers Enterprises LLC

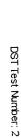
Ref. No: 17554



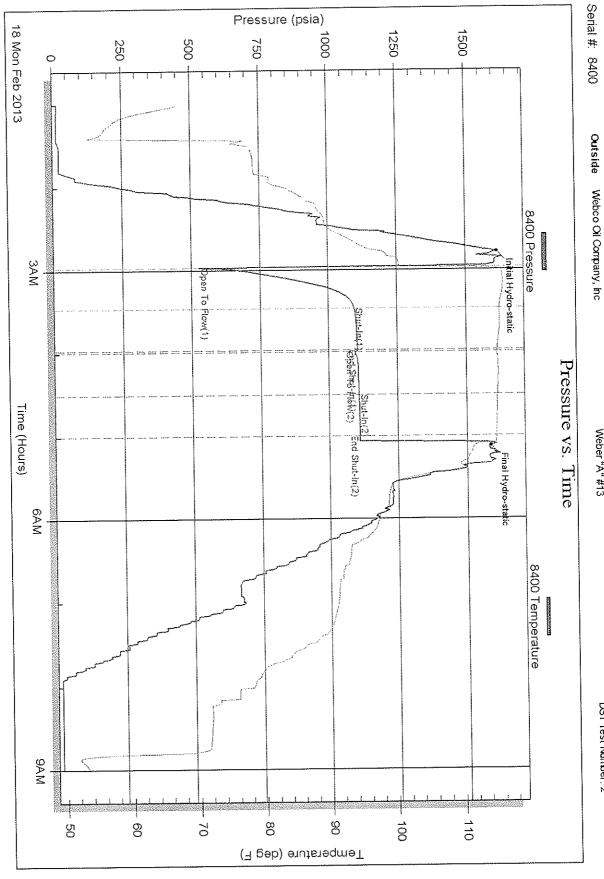
Superior Testers Enterprises LLC

Ref. No: 17554

Printed: 2013.02.18 @ 09:49:32



Weber "A" #13



QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6521

	1-4-1-1	Sec.	Twp.	Range	T	County	State	On Location	Finish	
Date 2./9.13		1)	Wp.	, 3	R	200	X5		7150m	
Date		10	16.00	1 1	Location	on Bassaai	3E 260	1 15 115 710		
Lease La le he	2	A		Well No. / 3	4 12 08 7	Owner	legeran marintal	Magazia de en especa	en Park polyment	
Contractor	1	100	14	494		Vou are here	ilwell Cementing, Inc.	cementina equipmer	t and furnish	
the state of the s	Type Job						d helper to assist own	ner or contractor to d	o work as listed.	
Hole Size 7 7 T.D. 3 3 20						Charge To	160001			
Csg. 475 12	1 35	100 (55.03)	Depth	2364		Street			Hataman Line	
Tbg. Size	A STATE OF		Depth	Service and		City	e vergrade constitues	State	STATE OF STATE	
Tool	Quer's	J. 10.00	Depth	ACABARAN (SATE)	1 1 1	The above wa	as done to satisfaction a	nd supervision of owne	r agent or contractor	
Cement Left in Csg.	2) ====	BOX AS NO	Joint 22.58	0	Cement Am	ount Ordered	60/40 10%50	14 2% (F)	
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Bulktrk No.	Drive:	r	1	<u> </u>		Gel.	at known expendent	HEXESPEND ALSO		
Bulktrk No.	Drive:	r WERT	/2			Calcium				
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Remarks:	nes (os		AT (1) (2)			Salt				
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Mouse Hole	gar		The state of			Kol-Seal				
Centralizers	13,819	A proper	kni pigi		0000	Mud CLR 4	8	digital symbolic ca		
Baskets		100				CFL-117 or	CD110 CAF 38			
D/V or Port Collar	- dian	- Alvaham	506 080	URSING THE TOTAL	(in take t	Sand				
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