

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33235
Name: Chieftain Oil Co., Inc
Address: P.O. Box 124
City/State/Zip: Kiowa, KS 67070
Purchaser: West Wichita Gas
Operator Contact Person: Ron Molz
Phone: (620) 825-4030
Contractor: Name: Terra Drilling LLC
License: 33843
Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
3-13-07 3-27-07 3-27-07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-22992-0000
County: Barber
NE SW NW Sec. 28 Twp. 32 S. R. 10 East West
3845 feet from (S) N (circle one) Line of Section
985 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Mary Well #: 3
Field Name: Sharon
Producing Formation: Mississippi
Elevation: Ground: 1448 Kelly Bushing: 1455
Total Depth: 4864 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) *ALT I WITH 12-7-07*
Chloride content 10000 ppm Fluid volume 1500 bbls
Dewatering method used Haul Off
Location of fluid disposal if hauled offsite:
Operator Name: Molz Oil Co., Inc
Lease Name: Garner SWD License No.: 6006
Quarter NE Sec. 11 Twp. 33 S. R. 10 East West
County: Barber Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Handwritten Signature]
Title: Vice Pres. Date: 6-26-07
Subscribed and sworn to before me this 26 day of June, 2007.
Notary Public: Amanda Corr
Date Commission Expires: 4-11-2011

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
JIC Distribution RECEIVED
KANSAS CORPORATION COMMISSION

NOTARY PUBLIC - State of Kansas
AMANDA CORR
My Appt. Expires 4/11/2011

JUN 28 2007

Operator Name: Chieftain Oil Co., Inc Lease Name: Mary Well #: 3
 Sec. 28 Twp. 32 S. R. 10 East West County: Barber

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma Ray Dual Induction Compensated Neutron Density Geologic Sonic Bond	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>3472</td> <td>-2017</td> </tr> <tr> <td>Lansing</td> <td>3682</td> <td>-2227</td> </tr> <tr> <td>Based Kansas City</td> <td>4188</td> <td>-2733</td> </tr> <tr> <td>Cherokee</td> <td>4364</td> <td>-2909</td> </tr> <tr> <td>Mississippian</td> <td>4405</td> <td>-2954</td> </tr> <tr> <td>Viola</td> <td>4703</td> <td>-3248</td> </tr> <tr> <td>Simpson</td> <td>4786</td> <td>-3331</td> </tr> <tr> <td>Total Depth</td> <td>4864</td> <td>-3409</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Heebner	3472	-2017	Lansing	3682	-2227	Based Kansas City	4188	-2733	Cherokee	4364	-2909	Mississippian	4405	-2954	Viola	4703	-3248	Simpson	4786	-3331	Total Depth	4864	-3409
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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	10-3/4	8-5/8	24#	309	60/40 Poz	275 st	10% Salt
Production	7-7/8	5-1/2	15.5#	4862	common	200 st	10% Salt Gas Block

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
	4	4418-4428	4432-4438	1000 Gal 7-1/2% Acid	
			1500 Gal. 15% Acid	4418-38	
			Frac 6000 bbls slick water	4418-38	
			103,000 # Sand		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	4500		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

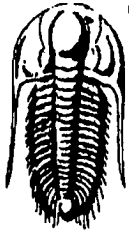
Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	8	110			

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

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JUN 28 2007



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Chieftain Oil CO Inc

Mary #3

PO Box 124
Klowa KS 67070

28 32S 10W Barber KS

Job Ticket: 25853 DST#: 1

ATTN: Arden Ratzlaff

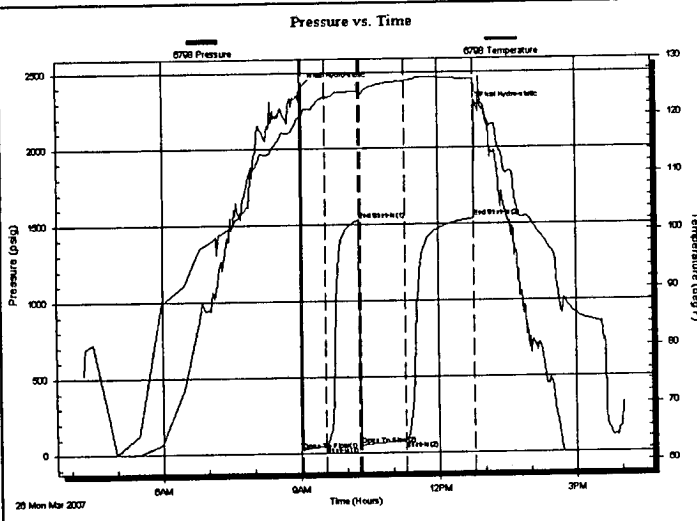
Test Start: 2007.03.26 @ 04:15:44

GENERAL INFORMATION:

Formation: **Misener**
 Deviated: **No** Whipstock: **ft (KB)**
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **09:02:14**
 Tester: **Jerry Adams**
 Time Test Ended: **16:05:44**
 Unit No: **36**
 Interval: **4686.00 ft (KB) To 4710.00 ft (KB) (TVD)**
 Reference Elevations: **1455.00 ft (KB)**
1448.00 ft (CF)
 Total Depth: **4710.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **7.00 ft**

Serial #: 6798 **Inside**
 Press@RunDepth: **79.86 psig @ 4687.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2007.03.26** End Date: **2007.03.26** Last Calib.: **2007.03.26**
 Start Time: **04:15:49** End Time: **16:05:44** Time On Btm: **2007.03.26 @ 09:01:43**
 Time Off Btm: **2007.03.26 @ 12:47:43**

TEST COMMENT: IF Fair blow Built to 7 1/2 "
 ISI No blow
 FF Fair blow Built to 9 "
 FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2407.38	120.06	Initial Hydro-static
1	22.79	119.87	Open To Flow (1)
31	46.95	123.31	Shut-In (1)
75	1528.18	124.28	End Shut-In (1)
78	50.14	123.53	Open To Flow (2)
136	79.86	126.08	Shut-In (2)
226	1534.40	126.32	End Shut-In (2)
226	2265.01	124.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	HWCM w/Oil scum 40%W 60%M	1.43
0.00	160' GIP	0.00
0.00	RW= .056 @ 71 deg. 130000 ppm	0.00
0.00		0.00

Gas Rates

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

Customer <i>Chatter Oil Company</i>	Lease No.	Date <i>3-14-07</i>	
Lease <i>Mary</i>	Well # <i>3</i>	Field Order # <i>16077</i>	Station <i>Pratt</i>
Casing <i>8 5/8"</i>	Depth <i>307</i>	County <i>Butler</i>	State <i>KS</i>
Type Job <i>Surf 8 5/8" New Well</i>	Formation	Legal Description <i>28305100</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	Conc	Acid	RATE	PRESS	ISIP	
<i>8 5/8"</i>			<i>275stk</i>	<i>60/100 P02 1.05cc/l</i>			5 Min.	
Depth <i>307</i>	Depth	From	To	Pre Pad	Max		10 Min.	
Volume <i>14.73</i>	Volume	From	To	Pad	Min		15 Min.	
Max Press	Max Press	From	To	Frac	Avg		HHP Used	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To				Total Load	
Plug Depth <i>295</i>	Packer Depth	From	To	Flush <i>18.8 bbl</i>	Gas Volume			

Customer Representative <i>Evans</i>	Station Manager <i>Dave Scott</i>	Treater <i>Steve D. ...</i>
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Service Units	<i>19869</i>	<i>19789</i>	<i>19842</i>	<i>19831</i>	<i>19767</i>				
Driver Names	<i>Steve</i>	<i>Proctor</i>	<i>Lesly</i>	<i>Steve</i>	<i>Jackie</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:00 AM</i>					<i>Initialization Safety ...</i>
<i>2:00</i>					<i>Run 275 8 5/8 23" casing</i>
					<i>Casing in Bellow</i>
					<i>Hook up to casing point ...</i>
<i>7:00</i>	<i>250</i>		<i>5</i>	<i>4</i>	<i>H2O All over</i>
<i>8:30</i>	<i>200</i>		<i>61</i>	<i>11</i>	<i>Mix 275 stk 60/100 P02 @ 14.73 bbl</i>
					<i>Shut Down - Release pits</i>
<i>8:55</i>	<i>0</i>		<i>0</i>	<i>11</i>	<i>Start Displacement</i>
<i>9:00 PM</i>	<i>150</i>		<i>18.8</i>	<i>41</i>	<i>Plug Down</i>
					<i>Circulation New Job</i>
					<i>Circulated 18.8 bbl cement 10 pits</i>
					<i>Job Complete</i>
					<i>Thanks, Steve</i>

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CONSERVATION DIVISION
WICHITA, KS



FIELD ORDER 16087

Subject to Correction

Date	3-14-07	Customer ID		Lease	Mary	Well #	3	Legal	27-32-1-1-00
CHARGE	Christiana Oil Company		County	Pratt	State	KS	Station	1111	
	Depth	307	Formation		Shoe Joint				
	Casing	8 1/2 x 2 1/2	Casing Depth	307	TD	307	Job Type	Surf... 2 1/2" N...	
	Customer Representative	Everitt	Treater	St... Adams					

AFE Number		PO Number		Materials Received by	X [Signature]
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D203	27554	60/40 Poz		
P	C111	695b	C. H. S. 1000		
P	C310	7112b	Calcium Chloride		
P	F113	1ea	Wooden Cement Plug 8 1/2"		
P	E100	9000	Heavy Vehicle Mileage		
P	E101	4500	Light Vehicle Mileage		
P	E104	5731a	Bulk Delivery		
P	E107	375sk	Cement Service Charge		
P	K200	1ea	Casing Cement Pump D-300		
P	R701	1ea	Cement Hot Water		
P	K111	41b	Adhesive Hot Water		
P	C228	100lb	Sugar		
			Discounted Price Plus Taxes		6774.73

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CONSERVATION DIVISION
WICHITA KS



20117
FIELD ORDER 15969 ✓

Subject to Correction

Lease	Mary	Well #	3	Legal	28-32S-10W
Customer ID	0-28-07	County	Barber	State	KS
Station	Pratt	Depth	5 1/2"	Formation	4,860 Ft. CCSPW-Long Stri
Customer	Chieftain Oil Company, Incorporated	Shoe Joint	21.63 Ft.	Customer Representative	Ron Molz
		Operator	Clarence R. Messick		

AFE Number	PO Number	Materials Received by	x Ron Molz by Clarence R. Messick
------------	-----------	-----------------------	-----------------------------------

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D205	200sk	AA-2 -	\$	3,306.00
P	D203	25sk	60/40 Poz -	\$	267.75
P	C195	151Lb.	FLA-322 -	\$	1,245.75
P	C221	1,038Lb.	Salt (Fine) -	\$	259.50
P	C243	47Lb.	Defoamer -	\$	162.15
P	C312	188Lb.	Gas Blok -	\$	968.20
P	C321	999Lb.	Gilsonite -	\$	669.33
P	C141	5Gal.	JSCC-1 -	\$	220.00
P	C302	500Gal.	Mud Flush -	\$	430.00
P	C304	500Gal.	Super Flush II -	\$	765.00
P	F101	7ea.	Turbolizer, 5 1/2" -	\$	519.40
P	F121	2ea.	Basket, 5 1/2" -	\$	537.00
P	F143	1ea.	Top Rubber Cement Plug, 5 1/2" -	\$	75.00
P	F191	1ea.	Guide Shoe - Regular, 5 1/2" -	\$	186.65
P	F231	1ea.	Flapper Type Insert Float Valve, 5 1/2" -	\$	175.00
P	E100	90mi.	Heavy Vehicle Mileage, 1-Way	\$	450.00
P	E101	45mi.	Pickup Mileage, 1-Way	\$	135.00
P	E104	473tm.	Bulk Delivery	\$	756.00
P	E107	225sk.	Cement Service Charge	\$	337.50
P	R210	1ea.	Cement Pumper: 4,500 Ft. To 5,000 Ft.	\$	1,827.00
P	R701	1ea.	Cement Head Rental.	\$	250.00
				RECEIVED KANSAS CORPORATION COMMISSION	
				JUN 28 2007	
Discounted Prices =				CONSERVATION DIVISION	
Plus taxes				WICHITA, KS	
				\$ 11,375.47	



TREATMENT REPORT

Lease No. **Mary** Incorporated
 Well # **3**
 Date **3-28-07**
 Field Order # **15,989** Station **Pratt** Casing **5 1/2"** Depth **4,855 Ft.** County **Barber** State **KS.**
 Type Job **Long String - New Well** Formation _____ Legal Description **28-325-10W**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2"	Tubing Size 5 1/2"	SRs/Ft 15.5		cement		RATE	PRESS
Depth 4,855 Ft.	Depth	From	To	200 sacks AA-2 with 2.5% Defoamer,		322	108
Volume 15.6 Bbl.	Volume	From	To	.8% FLA-3		10	Min.
Max Press 1,500 P.S.I.	Max Press	From	To	5 Lb. /sk. Gilsonite		6.23	Gal./sk.
Well Connection Plug Container	Annulus Vol.	From	To	15 Lb. /Gal. 60/40 Poz to plug rat hole		1.44	CU.Ft./sk
Plug Depth 1,853 Ft.	Tracker Depth	From	To	Flush	115.38 Bbl	Gas Volume	Total Load

Customer Representative **Ron Molz** Station Manager **David Scott** Treater **Clarence R. Messick**
 Service Units **19,866** **19,840** **19,826**
 Driver Names **Messick Sullivan McGraw**

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					Cementer and Float Equipment on location
6:15					Terra Drilling start to run Regular Guide Shoe, Shoe joint with Auto-Fill insert screwed into collar and a total of 115 joints of new 15.5 Lb./Ft. 5 1/2" casing. Ran Baskets on jts. #2 and 7. Ran Turbolizer on Collar # 3, 5, 8, 9, 10, 11 and 14.
11:00					Casing in well. Circulate for 45 minutes
12:05	300			6	Start Fresh H₂O Pre-Flush.
	300		20	6	Start Mud Flush.
	300		32	6	Start Fresh Water spacer.
	300		37	6	Start Super Flush II.
	300		49	6	Start Fresh water spacer.
			52		Stop pumping. Shut in well.
12:15	-0-		4	2	Plug rat hole. Open Well.
12:18	300		51	5	Start mixing 200 sacks AA-2 cement.
	-0-		51		Stop pumping. Shut in well. Wash pump and lines. Release plug. Open Well.
12:35	100			6.5	Start 2% KCL Displacement
			90	5	Start to lift cement
12:57	700		115		Plug down.
	1,500				Pressure up.
					Release pressure, Insert held
					Wash up Dump truck.