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AUG 13 2004
KCC WICHITA

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 # 6039
 Name: L. D. Drilling, Inc.
 Address: 7 SW 26th Avenue
 City/State/Zip: Great Bend, KS 67530
 Purchaser: NCRA
 Operator Contact Person: L. D. Davis
 Phone: (620) 793-3051
 Contractor: Name: Berentz Drilling Co.
 License: 5892
 Wellsite Geologist: Kim Shoemaker
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

<u>7/8/04</u>	<u>7/23/04</u>	<u>8/3/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23258-00-00
 County: Stafford
 E/2 NW NW Sec. 16 Twp. 21 S. R. 13 East West
1320 feet from S N (circle one) Line of Section
1850 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Leo Well #: 2
 Field Name: Hazel-West
 Producing Formation: Arbuckle
 Elevation: Ground: 1901' Kelly Bushing: 1906'
 Total Depth: 3688' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 348 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 Alt I KPR 2/20/08
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ 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: Bessie Dewberff
 Title: Secretary/Treasurer Date: 8/11/04
 Subscribed and sworn to before me this 12th day of August,
 20 04.
 Notary Public: Rashell Patten
 Date Commission Expires: 2-2-07

KCC Office Use ONLY

No Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



Operator Name: L. D. Drilling, Inc. Lease Name: Leo Well #: 2
 Sec. 16 Twp. 21 S. R. 13 East West County: Stafford

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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Gamma Ray/Neutron Log

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 (See Attached)

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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	7 7/8"	8 5/8"	24#	348'	60/40 poz/common	225/150	2% gel 3% cc 1/4 flo seal
Production		5 1/2"	14#	3683'	50/50 poz/60/40 poz	125/15	10% Salt, 5# Cal, 5# gil, 8% flo

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
		Amount	Kind of Material Used	
2	3684 - 3694	1250 Gal	15%	3684-3694
		300 gal	15%	3684-3694
		300 gal	28%	3684-3694

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3675'		<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
	20		Trace		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

DAILY DRILLING REPORT

OPERATOR: L.D. DRILLING, INC. LEASE: Leo #2
 130' W C E/2 NW/4
 WELLSITE GEOLOGIST: KIM SHOEMAKER Sec 16-21-13 W
 Stafford County, Kansas
 CONTRACTOR: BERENTZ DRILLING CO. ELEVATION: GR 1901'
 KB 1906'
 SPUD: 7/08/04 PTD: 3700'

SURFACE: Ran 8 jts 8 5/8" 24#, Tally 341, Set @ 348'
 w/ 225 sx 60/40 Pozmix 2% gel 3% cc 1/4 flo Seal, 150 sx Common
 Did Circulate, Acid Service, Plug Down 5:30 AM 5/11/04.

7/08/04 100' Drilling surface hole
 7/09/04 355' Surface hole cut - Trouble getting pipe
 in Hole
 7/10/04 Work w/ surface pipe
 7/11/04 Work w/ surface pipe
 7/12/04 420' Drilling Survey 1/4
 7/13/04 1100' Drilling Survey @ 875' 3/4 deg
 7/14/04 1860' Drilling
 7/15/04 2125' Changing out Motor
 7/16/04 2189' Drilling
 7/17/04 2605' Drilling
 7/18/04 2965' Drilling
 7/19/04 3251' Drilling
 7/20/04 3524' Drilling
 7/21/04 3678 Coming out for DST #1
 7/22/04 3688' Prepare for DST #2 Motor went
 out trying to locate replacement

DST #1 3671 - 3678 Arbuckle
 TIMES: 15-30
 BLOW: 1st Open: weak surface blow
 2nd Open:
 RECOVERY: 5' HOCM (35% oil)
 IFP: na ISIP: 1142
 FFP: FSIP:
 TEMP:

DST #2 3674-3688 Arbuckle
 TIMES:
 BLOW: 1st Open:
 2nd Open:
 RECOVERY:
 IFP: ISIP:
 FFP: FSIP:
 TEMP:

SAMPLE TOPS:
 Brown Lime 3342 -1436
 Lansing 3355 -1449 -7 to #2 Jane
 -10 to #1 Leo
 Base K/C 3564 -1658
 Arbuckle 3667 -1761 -8 #1 Leo,
 +38 #2 Jane, & +4 #1 Jane

DST #3
 TIMES:
 BLOW: 1st Open:
 2nd Open:
 RECOVERY:
 IFP: ISIP:
 FFP: FSIP:
 TEMP:

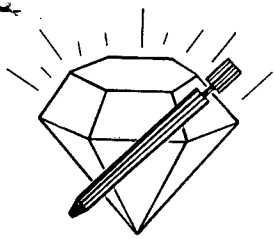
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7-23-04 RTD 3688' DECIDED NOT TO TEST BECAUSE OF RIG PROBLEMS
READY TO RUN 5 1/2" csg.

LAY DOWN DRILL PIPE AND RUN NEW 14# 5 1/2" CSG.
Set at 3678' W/125 sx. cement Plug down 11:30 PM
July 23, 2004

WAITING ON COMPLETION TOOLS

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DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
DRILL-STEM TEST TICKET

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Company I D DRILLING INC Lease & Well No. LEO 42
Contractor M+B DRILLING K166 Charge to I D DRILLING INC
Elevation 1906 K.B. Formation ARBuckle Effective Pay _____ Ft. Ticket No. _____
Date 7/21/04 Sec. 16 Twp. 21 S Range 13 W County STAFFORD State KC
Test Approved By KIM SHANAHAN Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3671 ft. to 3678 ft. Total Depth 3678 ft.
Packer Depth 3666 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3671 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3658 ft. Recorder Number LECT 21089 Cap. 5600 P.S.I.
Bottom Recorder Depth (Outside) 3675 ft. Recorder Number 13586 Cap. 5475 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 44 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 15 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3647 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number NOT KNOWN Test Tool Length 24 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 2 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK DEAD 8 MINUTES
2nd Open: _____

Recovered 5 ft. of HWOEM (3520 OIL 65% MUD)
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks:	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 2:22 ^{A.M.} ~~(P.M.)~~ Time Started Off Bottom 3:17 ^{A.M.} ~~(P.M.)~~ Maximum Temperature 104 °
Initial Hydrostatic Pressure (A) 1804 P.S.I.
Initial Flow Period Minutes 15 (B) 22 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period Minutes 30 40 (D) 1142 P.S.I.
Final Flow Period Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure (H) 1734 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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TREATMENT REPORT



KCC WICHITA

Customer ID	Date
Customer <i>L.D. Drilling Inc</i>	<i>7-23-04</i>
Lease <i>leo</i>	Lease No.
	Well # <i>2</i>
Order # <i>741</i>	Station <i>Pratt KS</i>
Casing <i>5 1/2</i>	Depth <i>3678</i>
County <i>Stafford</i>	State <i>KS</i>

Formation	Legal Description
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>7 1/2</i>		<i>1.41 243</i>	<i>14.2 ppg</i>	<i>125 ski 50-50 por</i>			<i>1500</i>	
Depth	Depth	From	To	Pre Pad	Max			5 Min.
<i>693 TP</i>				<i>10# salt 5# Co/sol 5# G.</i>				
Volume	Volume	From	To	Pad	Min			10 Min.
<i>10.1</i>				<i>1870 FLA-322 125 FR</i>				
Max Press	Max Press	From	To	Frac	Avg			15 Min.
<i>1500</i>				<i>32 Bbls SL</i>				
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Log Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
				<i>12 Bbls mud flush</i>				

Customer Representative <i>L.D. Davis</i>	Station Manager <i>Dave Austry</i>	Treater <i>D. Scott</i>
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Service Units	<i>118</i>	<i>80</i>	<i>57</i>	<i>44</i>	<i>71</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>100</i>					<i>On loc w/ Trk's Safety mtg</i>
					<i>F.S. Bottom S.J. Land Plug on FIS.</i>
					<i>Cent 1-3-5</i>
					<i>Csg on Bottom Drop Balls Circ 1/2 rig</i>
<i>308</i>	<i>200</i>		<i>5</i>	<i>4</i>	<i>H2O Spacer</i>
<i>309</i>	<i>200</i>		<i>12</i>	<i>4</i>	<i>St mud flush</i>
<i>312</i>	<i>200</i>		<i>5</i>	<i>4</i>	<i>H2O Spacer</i>
<i>313</i>	<i>225</i>		<i>32</i>	<i>4</i>	<i>Mix Cmt @ 14.2 ppg 125 ski</i>
<i>320</i>	<i>0</i>		<i>10</i>	<i>5</i>	<i>Close In & Wash Pump + line</i>
<i>322</i>	<i>100</i>			<i>7.5</i>	<i>Release Plug & St Disp w/H2O</i>
<i>331</i>			<i>70</i>	<i>7.0</i>	<i>Lifting Cmt 70 Bbls Disp Out</i>
<i>335</i>	<i>400</i>		<i>90.1</i>	<i>0</i>	<i>Plug Down on Float Shoe</i>
<i>335</i>	<i>1000</i>				<i>psi Test Csg</i>
<i>337</i>	<i>0</i>				<i>Release Held</i>
					<i>Good Circ Thru Job</i>
<i>340</i>			<i>3</i>		<i>Plug R.H. w/13 ski por</i>
					<i>Job Complete</i>
					<i>Thank you</i>
					<i>Scotty</i>

19/281 - SN - 3/4 W - S & E INTO



INVOICE NO.		Subject to Correction		FIELD ORDER 8603	
Date	7-11-04	Lease	LEO	Well #	2
Customer ID		County	STAFFORD	State	Ks.
L.D. DRILLING		Depth		Formation	
		Casing	8 5/8	Casing Depth	355'
		Customer Representative	JSM	Treater	K. COORDLEY - Bobby Drake
		Job Type	SURFACE - NW		
		Station	PRATT, Ks		

VE Number	PO Number	Materials Received by	X J. Hanell
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	CORRECTION	ACCOUNTING AMOUNT
3100	45mile	HEAVY VEH. MILEAGE		7/8/04		
3101	45mile	PICKUP MILEAGE		7/8/04		
2402	3 Hr.	ADDITIONAL HOURS				
3100	45mile	HEAVY VEH MILEAGE		7/9/04		
3101	45mile	PICKUP MILEAGE		7/9/04		
2402	4 Hr.	ADDITIONAL HOURS				
3101	45mile	PICKUP MILEAGE		7/9/04		
2402	2 Hr.	ADDITIONAL HOURS				
1200	150sk.	Common				RECEIVED
1203	225sk.	60/40 Pbz (common)				AUG 13 2004
1194	56lb.	Cellulose				KCC WICHITA
310	636lb.	Calcium Chloride				
1163	1ea.	Wooden Cement Plug, 8 5/8				
1100	45ml.	Heavy Vehicle Mileage				
1101	45ml.	Pickup Mileage				
1104	767tm.	Bulk Delivery				
1107	375sk.	Cement Service Charge				
1201	1ea.	Cement Pumper, 301'-500'				
1701	1ea.	Cement Head Rental				
1193	1ea.	Guide Shoe, Regular, 8 5/8				
Discounted Price			709438			

0244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL

TREATMENT REPORT



Customer ID		Date	
Customer L.D. DRILLING		7-8-04	
Lease LEO	Lease No.	Well # 2	
Order # 8603	Station PRATT, KS	Casing 8 5/8	Depth 355'
Job SURFACE - NW	Formation	County STAFFORD	State KS.
		Legal Description 16-21-13	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS
Depth	Depth	From	To	Pre Pad		Max	5 Min.
Volume	Volume	From	To	Pad		Min	10 Min.
Max Press	Max Press	From	To	Frac		Avg	15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used	Annulus Pressure
Packer Depth	Packer Depth	From	To	Flush		Gas Volume	Total Load

Customer Representative JIM	Station Manager ALAN	Treater K. CORNLEY
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:30			170	27	ON LOCATION 7/8/04
			46	25	DRILL HARD AT 130'
				26	MAKE NO HOLE AFTER 130'
1:60					RELEASE CREW 7/8/04
					RECEIVED
					AUG 13 2004
					KCC WICHITA
2:40					ON LOCATION 7/9/04
					DRILL 7 7/8 HOLE TO 355'
					REAM 12 1/4 HOLE TO 355'
					RUN 8 5/8 TO 170' AND STOP.
					DECODE 4' OF 5 1/2 PIPE
					DROPEL IN HOLE
3:00					RELEASE CREW 7/9/04
7:30					ON LOCATION 7/9/04
					(NEXT PAGE)

TREATMENT REPORT



Customer ID		Date	
Customer L.D. DRILLING		2-9-04	
Lease LEO		Lease No.	Well # 2
Field Order # 8603	Station Pratt, Ks.	Casing	Depth
Type Job SURFACE - NW	Formation	County STAFFORD	State Ks.
		Legal Description 16-21-13	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative **JDM** Station Manager **HAUTRY** Treater **H. GORDLEY**

Service Units	720	26	46	75	27				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					FISHED 4' OF 5 1/2 PIPE OUT OF HOLE
					RUN 8 5/8 TO 170' AND STOP RUN 8 5/8
					RECEIVED AUG 13 2004 KCC WICHITA
1930					REAM HOLE TO 14 3/4 TO 355
					RELEASE CREW 1/9/04

TREATMENT REPORT



Customer ID		Date	
Customer LD Drilling		7-11-04	
Lease Leo		Lease No.	Well # 2
Old Order # 8603	Station Pratt	Casing 8 5/8	Depth 355
Type Job S.P. New Well		County Stafford	State Ks.
Formation		Legal Description 16-215-13W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft.	Cmt.-	Acid	225 sk. 60/40 Poz	RATE	PRESS	ISIP
Depth 348	Depth	From	To	Pre Pad	14.7 #/gal 1.25 ft ³	Max		5 Min.
Volume 22	Volume	From	To	Pad	29 bbls 3% CC 1/4" Cultake	Min		10 Min.
Max Press 500	Max Press	From	To Tailout	Frac	15.0 sk. Common	Avg		15 Min.
Well Connection 4 1/2"	Annulus Vol.	From	To	Flush	15.0 #/gal 1.28 ft ³	HHP Used		Annulus Pressure
Plug Depth 380	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative Jimmy	Station Manager Dave Autry	Treater Bobby Drake
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Service Units	119	26	46	75
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					On Location - Safety Meeting
1:45					Run Csg. - 8 jts. 8 5/8 24"
4:20					Csg. on Bottom
4:25					Hook up to Csg. - Break Circulation w/ Rig
4:48	100		10	3.9	H2O Ahead
4:51	100		20	3.9	Mix 60/40 Poz @ 14.7 #/gal
4:57	100		42	3.9	Mix Common @ 15.0 #/gal
5:06	100		58	3.9	Mix 60/40 Poz @ 15.0 #/gal
5:20					Shut Down - Release Plug
5:22	150			3.9	Start Disp.
5:28	200		21		Plug Down
					Circulation thru Job
					Circulated Cement to Pit
					Job Complete

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Thanks, Bobby