

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32659
Name: Phoenix PetroCorp, Inc.
Address 1: 6401 S. Custer Rd. Ste 130
Address 2: _____
City: McKinney State: Texas Zip: 75070 + _____
Contact Person: George Tarbox
Phone: (469) 452-6031
CONTRACTOR: License # 30606
Name: Murfin Drilling Co.
Wellsite Geologist: _____
Purchaser: NCRA
Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
 Oil ____ SWD ____ SIOW
____ Gas ____ ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
____ 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. ____ Conv. to SWD
____ Plug Back: _____ Plug Back Total Depth
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
____ Other (SWD or Enhr.?) Docket No.: _____
8/30/2009 9/13/2009 10/7/2009
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 129-21879-00-00
Spot Description: 50' due west of old NWF 3-2 (P&A'd 8/09)
____ - ____ - SW SW Sec. 18 Twp. 35 S. R. 41 East West
660 Feet from North / South Line of Section
4670 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Morton
Lease Name: Northwest Flats Well #: 3-4
Field Name: Taloga
Producing Formation: MRW U
Elevation: Ground: 3572' Kelly Bushing: 3583'
Total Depth: 4780' Plug Back Total Depth: 4733'
Amount of Surface Pipe Set and Cemented at: 1574' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 3584' Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 1200 ppm Fluid volume: 1200 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____ Docket No.: _____

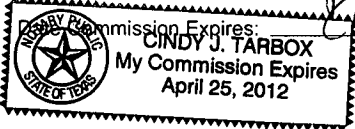
141-Dlg - 2/3/10

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: Chal R. Witham
Title: Production Engineer Date: 1/18/2010
Subscribed and sworn to before me this 18 day of January,
20 10.

Notary Public: Cindy J. Tarbox
April 25, 2012



KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Phoenix PetroCorp, Inc. Lease Name: Northwest Flats Well #: 3-4
 Sec. 18 Twp. 35 S. R. 41 East West County: Morton

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 type="checkbox"/> Yes <input checked="" 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: Compensated Neutron Lithology Density Array Induction GR/SP	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Morrow 4640' 11'
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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
Conductor	17 1/2"	13 3/8"	48#	640'	Class H/35/65 Poz	550	6% Ben, 2%CaCl
Surface	12 1/4"	8 5/8"	24#	1574'	Class H/35/65 Poz	590	6% Ben, 2%CaCl
Production	7 7/8"	5 1/2"	15.5#	4774'	Class H	510	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4640'-4648'		
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TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4513'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed 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 Bbbs. <u>6</u>	Gas Mcf <u>0</u>	Water Bbbs. <u>1114</u> Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4640'-4663'</u>
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CEMENT JOB REPORT

CUSTOMER Phoenix Petrocorp Inc		DATE 01-SEP-09	F.R.# 1001491849		SERV. SUPV. CHAD L WERTZ				
LEASE & WELL NAME NORTHWEST FLATS #3-4 - API 15128218790000		LOCATION 15-255-41W		COUNTY-PARISH-BLOCK Morton Kansas					
DISTRICT Barryton		DRILLING CONTRACTOR RIG # murfin 1		TYPE OF JOB Conductor					
SIZE & TYPE OF PLUGS		LIST CASG HARDWARE		PHYSICAL SLURRY PROPERTIES					
13-3/8" Top Cem Plug, Nitrile ovr, Pht		Float Collar, Auto Fill, 13-3/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³			
		Guide Shoe, Texas-Notched 13-3/8 I					WATER GPM	PUMP TIME HR:MIN	Bbl SLURRY
MATERIALS FURNISHED BY BJ									
95/85 Poz		300	12.4	2.01	11.11	05:30	107.88	79.37	
Class C + 2% CaCl2		250	14.82	1.34	6.31	02:20	58.88	37.57	
Fresh Water			8.34				91.5		
Available Mix Water 500 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL			258.77	116.94	
HOLE			TRG-CSG-D.P.			COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	
17.8		650	19.275	48	OBQ	643		643	
LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	ATM	SIZE	
				no packer	0			13.375	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		OP. MAX		MAX TQG PSI	
VOLUME	UDM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED
91.5	BBLs	Fresh Water	8.34	900	0	0	0	0	4500
									3500
									0
Circulation Prior to Job									
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time:			Circulation Rate: 5 BPM			
Mud Density In: LBS/GAL			Mud Density Out: LBS/GAL			PV & YP Mud In:		PV & YP Mud Out:	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			Units:			Solids Present at End of Circulation:		NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	
Displacement And Mud Removal									
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Amount Bled Back After Job: 2 BBLs						
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL			Method Used to Verify Returns: PERSONALE						
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE									
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD									
Plugs									
Number of Attempts by BJ:			Competition:			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Top of Plug: FT			Bottom of Plug: FT			
Squeezes (Update Original Treatment Report for Primary Job)									
BLOCK SQUEEZE <input type="checkbox"/>			SHOE SQUEEZE <input type="checkbox"/>			TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>	
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			PSI Applied:		Fluid Weight: LBS/GAL	
Casing Test (Update Original Treatment Report for Primary Job)									
Casing Test Pressure: PSI			With LBS/GAL Mud			Time Held: Hours Minutes			
Shoe Test (Update Original Treatment Report for Primary Job)									
Depth Drilled out of Shoe: FT			Target EMW: LBS/GAL			Actual EMW: LBS/GAL			
Number of Times Tests Conducted:			Mud Weight When Test was Conducted: LBS/GAL						
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)									

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CEMENT JOB REPORT

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl, FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:00						PRE CONVOY SAFTY MEETING	
12:30						CONVOY TO LOCATION	
02:30						ARRIVE LOCATION SPOT EQUIPMENT	
04:00						PRE JOB SAFTY MEETING	
04:30	3000		1	1	H2O	PSI TEST LINES	
04:37	170		6.5	107	OMT	START LEAD CMT	
04:59	125		4.8	80	CMT	START TAIL CMT	
05:11	45		5	B1.5	H2O	ALL CMT START DISP	
05:27	0		2.8	9	H2O	DEC RATE	
05:30						SHUTDOWN SHUT IN HEAD	

BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0BL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED 258	PSI LEFT ON CSG 30	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/>	Service Supervisor Signature: <i>Chad W...</i>
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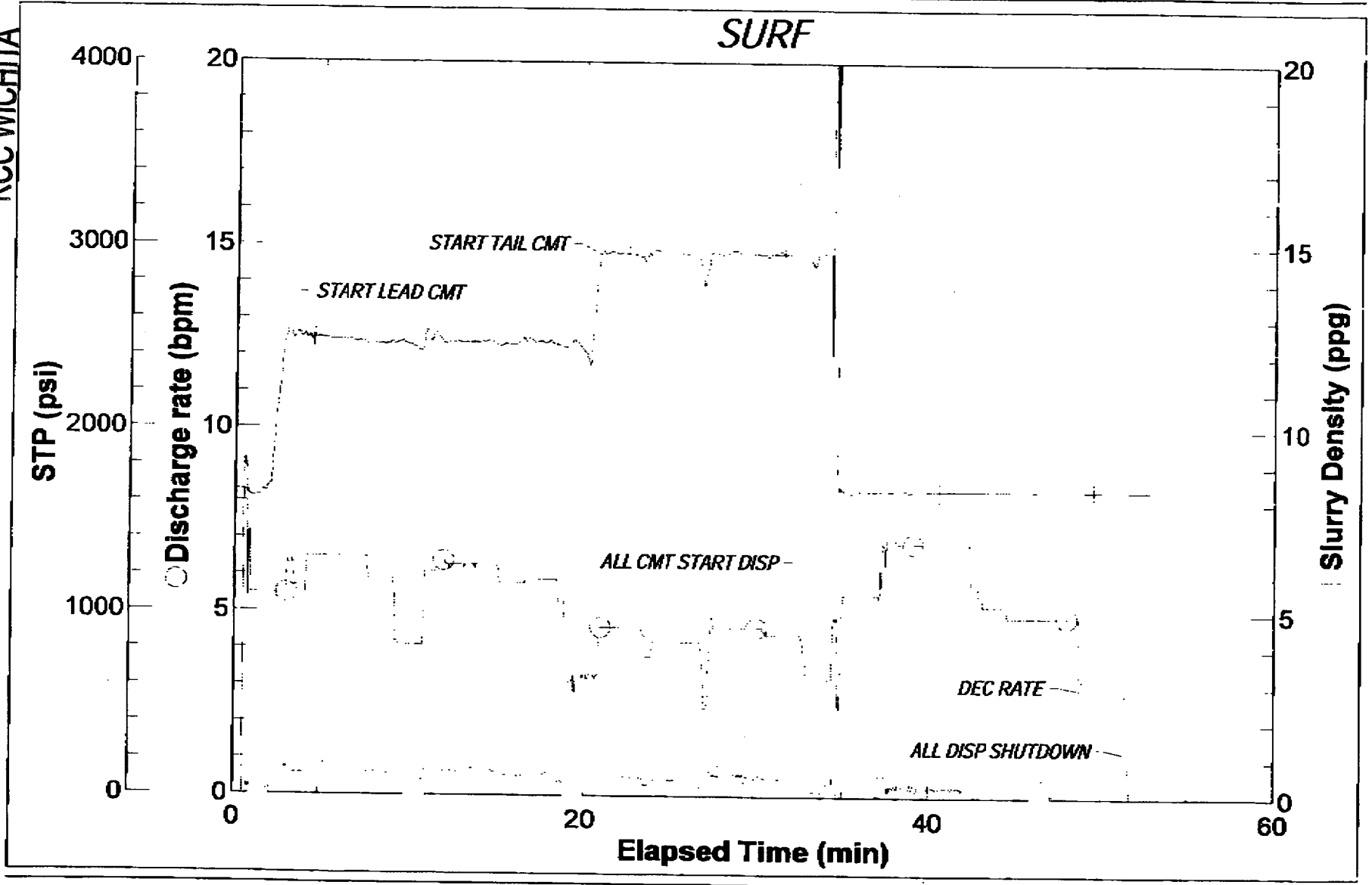
BJ Services JobMaster Program Version 3.20
Job Number: 1001491649
Customer: PHOENIX
Well Name: NW FLATTS 3-4

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Feb-01-2010 10:46 AM Phoenix PetroCorp 9725401224



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CEMENT JOB REPORT

CUSTOMER Phoenix Petrocorp Inc		DATE 03-SEP-09	P.R.# 474510134	SERV. SUPV. CHAD L WERTZ			
LEASE & WELL NAME NW FLATT6 3-4 - API 19129218790000		LOCATION SEC 18 RANGE 41W 95S TOWNS		COUNTY-PARISH-BLOCK Morlan Kansas			
DISTRICT Pawnee		DRILLING CONTRACTOR RIG # MURFIN 1		TYPE OF JOB Squeeze Block			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
CLASS H		600	14.8	1.94	6.31		148 90.02
Available Mix Water 500 Bbl, Available Displ. Fluid 500 Bbl.		TOTAL				148	90.02
HOLE		TBS-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
17.5		800	18.375	48	CSG	800	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BYN
				NO PACKER	0		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBS PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
0	BBLs			0	0	0	0
							2000
							1500
							TANK
Circulation Prior to Job							
Circulated Well: RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Circulation Time:		Circulation Rate: 2 BPM			
Mud Density In: LBS/GAL		Mud Density Out: LBS/GAL		PV & YP Mud In:		PV & YP Mud Out:	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Units:		Solids Present at End of Circulation:		NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	
Displacement And Mud Removal							
Displaced By: RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 2 BBLs		Method Used to Verify Returns: PERSONALE			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE		Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:		Type: BOW <input type="checkbox"/> RIGID <input type="checkbox"/>	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD							
Plugs							
Number of Attempts by BJ:		Competition:		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Top of Plug: FT		Bottom of Plug: FT	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Squeezes (Update Original Treatment Report for Primary Job)							
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>	
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied:		Fluid Weight: LBS/GAL	
Casing Test (Update Original Treatment Report for Primary Job)							
Casing Test Pressure: PSI		With LBS/GAL Mud		Time Held: Hours Minutes			
Shoe Test (Update Original Treatment Report for Primary Job)							
Depth Drilled out of Shoe: FT		Target EMW: LBS/GAL		Actual EMW: LBS/GAL			
Number of Times Tests Conducted:		Mud Weight When Test was Conducted: LBS/GAL					
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)							
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)							

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CEMENT JOB REPORT

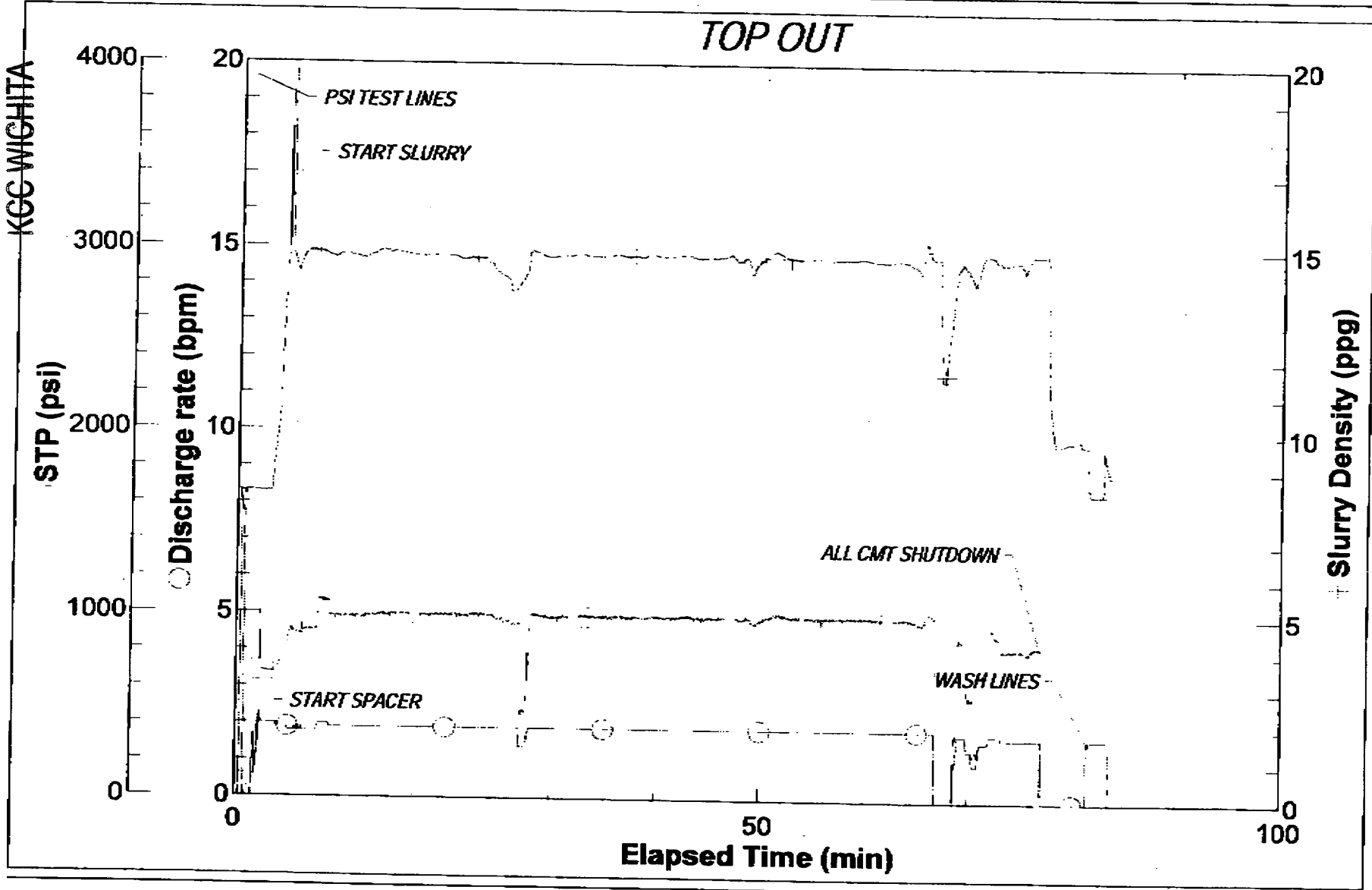
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO ORIENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW	CO. REP.
	PIPE	ANNULUS					
						TEST LINES	6000 PSI
						CIRCULATING WELL - RIG	BJ <input checked="" type="checkbox"/>
08:30						CONVOY TO LOCATION	
10:30						ARRIVE LOCATION SPOT EQUIPMENT	
11:58	2000		1	1	H2O	PSI TEST LINES	
11:58	700		1.9	10	H2O	START SPACER	
12:00	699		1.9	140	CMT	START CMT	
01:20						ALL CMT SHUTDOWN WASH LINES	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	161	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>Charles</i>



BJ Services JobMaster Program Version 3.20
 Job Number: 1001491649
 Customer: PHOENIX
 Well Name: NW FLATTS 3-4



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CEMENT JOB REPORT



CUSTOMER Phoenix Petrocorp Inc		DATE 01/29/08	F.R.# 1001494041	SERV SUPV CHAD L WERTZ					
LEASE/WELL NAME NORTHWEST PLATS #3-4 - API 1512221878000		LOCATION		COUNTY/PARISH/BLOCK					
DISTRICT		DRILLING CONTRACTOR RIG #							
B-3/8" Top Cem Plug, Nitrile Oyl, Phs		Guidance Cement Name: B-3/8" In	PACKER CEMENT	WATER PPG	WATER FT ³	TIME HR:MIN	BELLS SLURRY	BELLS MIX WATER	
MATERIALS FURNISHED BY BJ									
35/65 Fox			440	12.4	2.01	11:11	05:30	167:78	118:41
Clay C + 2% CaCl2			185	14.82	1.34	6:31	02:20	35:81	22:54
Fresh Water								42:70	
Available Mix Water 500 Bbl.		Available Displ Fluid 400 Bbl.			TOTAL		154:30	138:65	
EXCESS DEPTH								STAGE	
12.25	15.4	3.38	3.38	1.87	1.87	15.4	1.87		
13.55	40 C&G	604 NO PACKER	0	0	0	0	0	5000	4500 TANK
07.7	BELS	Fresh Water	500	0	0	0	0	5000	4500 TANK
Circumferential Well Rq <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time		Circulation Rate: 3 BPM					
Mud Density In: LBS/GAL		Mud Density Out: LBS/GAL		PV & YP Mud In:		PV & YP Mud Out:			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Units:		Solids Present at End of Circulation:		NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
Displaced By: Rq <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 2 BELLS		Method Used to Verify Returns: PERSONAL					
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES					
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> LINEAR OUT TO STICK POINT		Controlizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:		Type: <input type="checkbox"/> DOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		Number of Attempts by BJ:		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Competition:		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
Was There a Hallow: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Top of Plug: FT		Bottom of Plug: FT					
MUD SURFACE		MUD SURFACE		TOP OF LINER SQUEEZE		PLANNED UNPLANNED			
Liner Failed: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied:		Fluid Weight: LBS/GAL			
Depth Drilled out of Core: FT		Target CMW: LBS/GAL		Actual CMW: LBS/GAL					
Number of Times Tests Conducted:		Mud Weight When Test was Conducted: LBS/GAL							
Problems Before Job (i.e. Running Casing, Circulating Well, ETC):									

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CEMENT JOB REPORT



Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Forming, ETC)

Problems After Job (I.E. Gas, Surface, Float Equipment Failed, ETC)

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

TIME HR:MIN.	PRESSURE (PSI)		RATE GPM	BBL FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BU CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
08:00						TESTING 300, 3000 PSI
11:00						CONSOLIDATING WELL BOND <input checked="" type="checkbox"/> BU <input type="checkbox"/>
11:35						CONVOY TO LOCATION
01:40	3000		1	1	H2O	ARRIVE LOCATION, SET EQUIPMENT
01:45	127		4	158	QMT	ARE DO SAFETY MEETING
02:15	130		4.6	36	QMT	RE TEST LINES
02:20						START LEAD SLURRY
02:24	66		6.9	87	H2O	START STAIL QMT
02:40	360		2.4	10	H2O	ALL QMT SHUTDOWN
02:45	718					DROP PLUG START DISP
						DEGRATE
						BUMP PLUG TEST FLOAT

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL QMT RETURNED/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON D&G	SHOT TOP/OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	360	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	67	292	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.20

Job Number: 1001494041

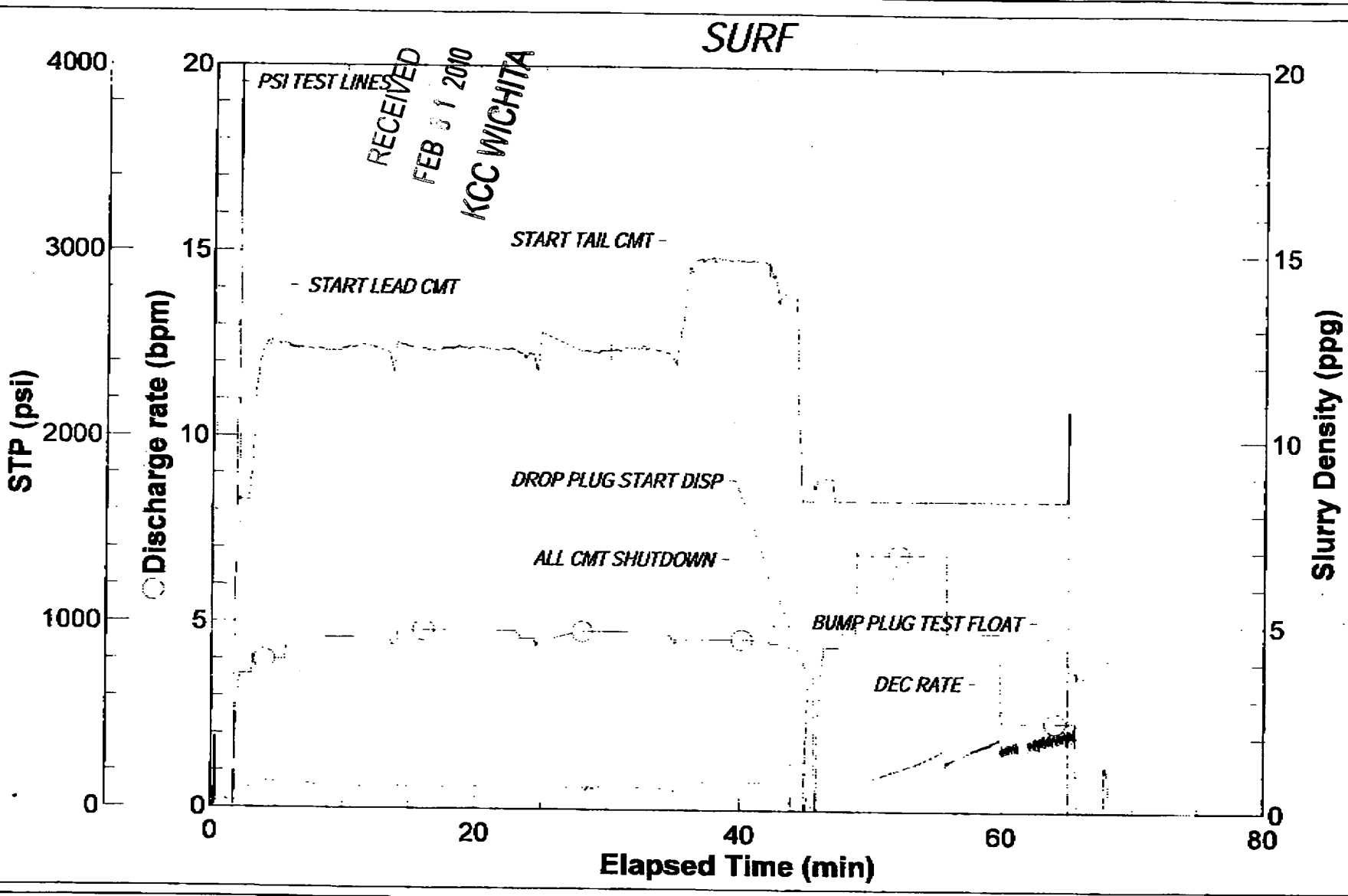
Customer: PHOENIX

Well Name: NW FLATTS 3-4

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CEMENT JOB REPORT

12/1

CUSTOMER: Phoenix PetroCorp	DATE: 02/01/10	FRM: 1001468800	SETBACK: 1200																																																						
LEASE & WELL NAME: NORTHWEST PLATS #54 - APL 161202-16280000	LOCATION: 218388-11W	COUNTY: ARIZONA BLOCK																																																							
DISTRICT:	DRILLING CONTRACTOR:	WELL NO:																																																							
<table border="1"> <thead> <tr> <th>CEMENT</th> <th>WATER</th> <th>WATER</th> <th>PUMP</th> <th>WELL</th> <th>WELL</th> </tr> <tr> <th>WT (LBS)</th> <th>WT (GAL)</th> <th>WT (GAL)</th> <th>TIME (MIN)</th> <th>DEPTH (FT)</th> <th>DEPTH (FT)</th> </tr> </thead> <tbody> <tr> <td colspan="6">MATERIALS FURNISHED BY:</td> </tr> <tr> <td>50/50 POZH+3% SALT+4% SYRSEAL+2% NF-52+5% S-X-10+2% G</td> <td>155</td> <td>18.8</td> <td>1.48</td> <td>8.68</td> <td>105.00</td> </tr> <tr> <td>H2O/MUD</td> <td></td> <td></td> <td></td> <td></td> <td>112.5</td> </tr> <tr> <td>35.85 POZH+2% CAOLZ+2% GEL+2% S-X-10+1% STATIC FREE</td> <td>355</td> <td>42.6</td> <td>2.01</td> <td>11.14</td> <td>127.00</td> </tr> <tr> <td>H+2% SACL+0.1% STATIC FREE</td> <td>50</td> <td>6.0</td> <td>1.07</td> <td>4.28</td> <td>5.10</td> </tr> <tr> <td>H2O</td> <td></td> <td></td> <td></td> <td></td> <td>18.00</td> </tr> <tr> <td>Available M. Water: 2000 LBS</td> <td>Available M. Mud: 2500 GALS</td> <td colspan="2">TOTAL:</td> <td>21.72</td> <td>248.00</td> </tr> </tbody> </table>				CEMENT	WATER	WATER	PUMP	WELL	WELL	WT (LBS)	WT (GAL)	WT (GAL)	TIME (MIN)	DEPTH (FT)	DEPTH (FT)	MATERIALS FURNISHED BY:						50/50 POZH+3% SALT+4% SYRSEAL+2% NF-52+5% S-X-10+2% G	155	18.8	1.48	8.68	105.00	H2O/MUD					112.5	35.85 POZH+2% CAOLZ+2% GEL+2% S-X-10+1% STATIC FREE	355	42.6	2.01	11.14	127.00	H+2% SACL+0.1% STATIC FREE	50	6.0	1.07	4.28	5.10	H2O					18.00	Available M. Water: 2000 LBS	Available M. Mud: 2500 GALS	TOTAL:		21.72	248.00
CEMENT	WATER	WATER	PUMP	WELL	WELL																																																				
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WT (LBS)	WT (GAL)	WT (GAL)	WT (GAL)	TANK																																																					
100	12.0	12.0	12.0	1000																																																					
Circuit Breaker: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Grounding: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Grounding: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Grounding: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																																																						
Mud Density: 8.4 LBS/GAL	Mud Viscosity: 8 LBS/GAL	Evaporator: 11	Evaporator: 11																																																						
General Note: NO	General Note: YES	General Note: NO	General Note: YES																																																						
Displaced by: <input checked="" type="checkbox"/> FULL <input type="checkbox"/> PARTIAL <input type="checkbox"/> NONE	Return to Job: <input checked="" type="checkbox"/> FULL <input type="checkbox"/> PARTIAL <input type="checkbox"/> NONE	Cement Return to Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Water Return to Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																																																						
Pipe Movement: <input checked="" type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE	Control: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Control: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Control: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																																																						
Job Type: <input checked="" type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD																																																									
Number of Attempts by: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10	Completion: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Completion: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Completion: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																																																						
Pipe at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Pipe at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Pipe at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Pipe at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																																																						
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Bottom of Pipe: FT	Bottom of Pipe: FT	Bottom of Pipe: FT	Bottom of Pipe: FT																																																						
Block Squeeze: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Block Squeeze: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Block Squeeze: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Block Squeeze: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																																																						
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Cement at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Cement at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Cement at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Cement at Bottom: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																																																						
Depth of Mud: FT	Depth of Mud: FT	Depth of Mud: FT	Depth of Mud: FT																																																						
Number of Times Test Conducted:	Number of Times Test Conducted:	Number of Times Test Conducted:	Number of Times Test Conducted:																																																						

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CEMENT JOB REPORT

KCS WICK



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Flat Equipment Packer, ETC)

EXPLANATION: TROUBLE SETTING TOOL JOGGING CAS, ETC. PRIOR TO CEMENTING:

TIME HR:MIN.	PRESSURE, PSI		RATE BPM	DISCHARGE PUMPER	FLUID TYPE	WELL STATE / MEETING / HOLE / WIND / CORREL. / X
	PIPE	ANNULUS				
						4000 PSI
15:25						PRE-JOB SAFETY MEETING
16:30						REVEALIST
17:00						ARRIVE ON JOB
17:02						SAFETY MEETING
17:05						SPONGE DIE
17:10						PRE-RIG OR MEETING
17:12						RIG UP
20:29						SAFETY MEETING
20:35	4000				H2O	TEST LINES
20:36					GMT	START SECURITY
20:40	485		4.8	13	GMT	START SECURITY
20:42	385		4.3	21	GMT	START SECURITY
20:45				39	GMT	START SECURITY
20:47					H2O	SHUT DOWN WASH PAL
20:48						PROB DRUG
20:52					H2O	START H2O DISPL
20:53	82		5.9	20	H2O	DISPL
20:55	94		8	45	MUD	DISPL
21:03	80		6.9	80	MUD	DISPL
21:05	64		5	75	MUD	DISPL - DEC. RATE
21:08	323		5.8	80	MUD	DISPL
21:10	388		2.4	100	MUD	DISPL - DEC. RATE
21:13	1278			112	MUD	DISPL - DEC. RATE
21:14						PROB DRUG
21:18						PROB DRUG
21:38	814				MUD	OPEN IDV TOOL
21:40						SHUT DOWN WEND JOB
12:25					GMT	LEAD GMT
12:30	177		5.7	15	GMT	LEAD GMT
12:35	72		4.2	61	GMT	LEAD GMT
12:40	130		5.4	70	GMT	LEAD GMT
12:45	111		5.7	65	GMT	LEAD GMT
12:50				125	GMT	LEAD GMT
12:51					GMT	START LEAD GMT
12:55	100		3.5	9	GMT	START LEAD GMT
12:58						SHUT DOWN
12:57						PROB DRUG
12:58					H2O	START DISPL
01:03	141		5.5	20	H2O	DISPL
01:08	59		5.4	40	H2O	DISPL
01:10	60		5.4	60	H2O	DISPL
01:18	100		2.4	70	H2O	DISPL - DEC. RATE

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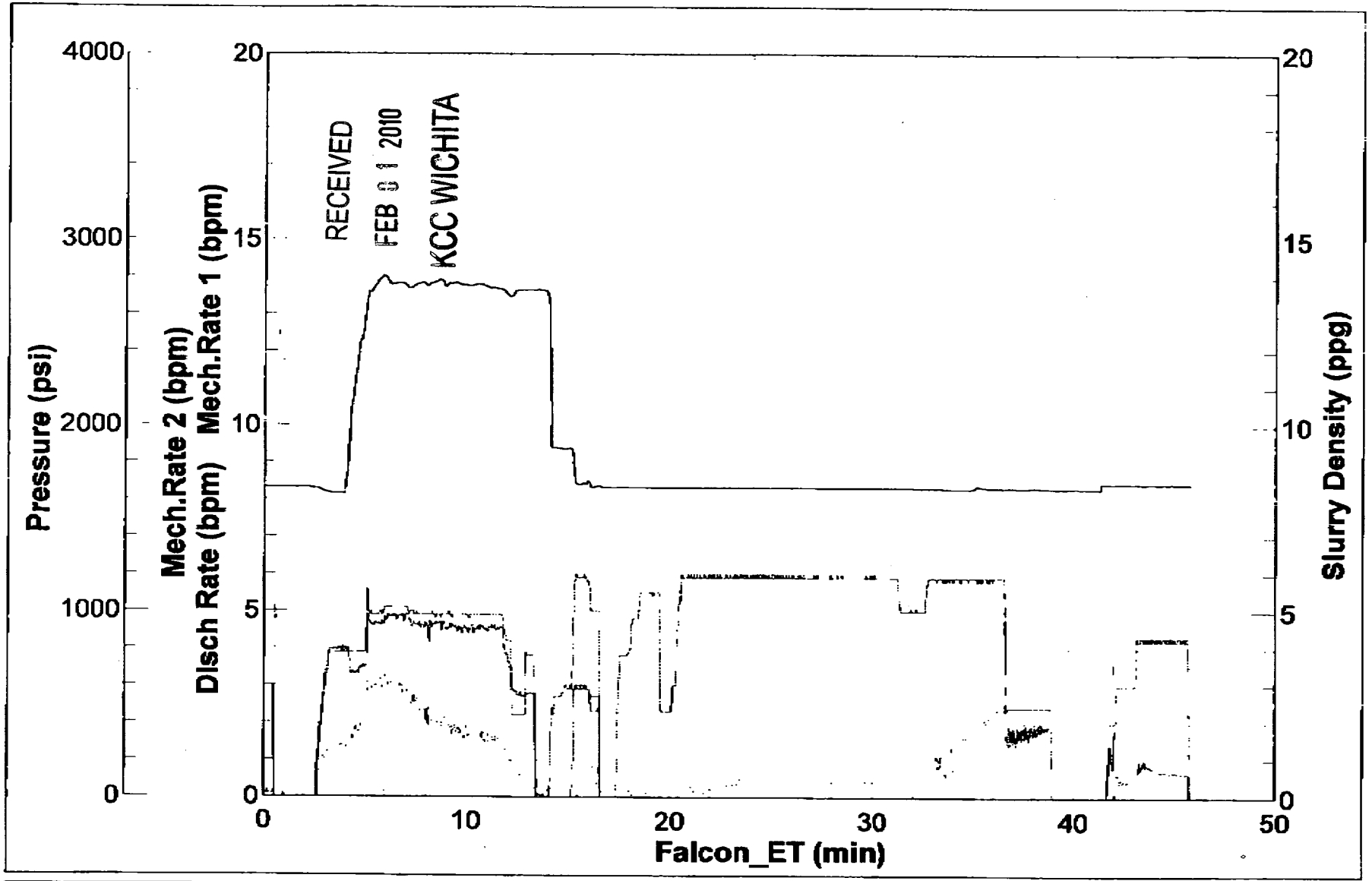


TIME HR:MIN.	PRESSURE -PSI		RATE BPM	BAR FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BUCKLE UP CORREP. <input checked="" type="checkbox"/>				
	PIPE	ANNULUS				TESTING	4900 PSI	CHOCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ
01:18	2284			84	H2O					
01:19										
01:20	2000				H2O					
01:21										
01:22										
01:25										

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2800	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BLEND RETURNED/ REVERSED 0	TOTAL BLEND PUMPED 374.9	PSI LEFT ON CSG 0	SHOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: 
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BJ Services JobMaster Program Version 3.20
Job Number: 1001496903
Customer: Phoenix
Well Name: NW Flats 3-4



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BJ Services JobMaster Program Version 3.20

Job Number: 1001496903

Customer: Phoenix

Well Name: NW Flats 3-4

