

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

ORIGINAL

8/21/09

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.: _____

<u>7/21/2009</u>	<u>7/31/2009</u>	<u>8/13/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 129-21873-0000
 Spot Description: _____
 _____ SE SE SE Sec. 13 Twp. 35 S. R. 42 East West
165 Feet from North / South Line of Section
165 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 #: 2-5
 Field Name: Taloga
 Producing Formation: MRW U
 Elevation: Ground: 3573' Kelly Bushing: 3584'
 Total Depth: 4825' Plug Back Total Depth: 4821'
 Amount of Surface Pipe Set and Cemented at: 1566' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: 3274' Feet
 If Alternate II completion, cement circulated from: _____
 feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH I NCR 9-10-09
 (Data must be collected from the Reserve Pit)
 Chloride content: 1500 ppm Fluid volume: 1300 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.: _____

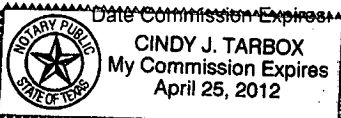
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: *Ryan T. Schlinkman*
 Title: Drilling Engineer Date: 8/18/2009
 Subscribed and sworn to before me this 18th day of August,
2009.
 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 UNIT Well #: 2-5
 Sec. 13 Twp. 35 S. R. 42 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 (Attach Additional Sheets) 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 (Submit Copy)	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Morrow 4523 11
List All E. Logs Run: Compensated Neutron Lithology Density Array Induction GR/SP	

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 1/4"	8 5/8"	24#	1566'	Class H/35/65 Poz	695	6% Ben, 2%CaCl
Production	7 7/8"	5 1/2"	15.5#	4821'	Class H	550	

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	4523-4527'		

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4502</u> Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>8/16/2009</u>	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. <u>16</u> Gas Mcf <u>0</u> Water Bbls. <u>527</u> Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input 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. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CEMENT JOB REPORT



CUSTOMER Phoenix Petrocorp Inc		DATE 24-JUL-09	F.R. # 1001474046	SERV. SUPV. JERRY D DYER				
LEASE & WELL NAME		LOCATION 13-35S-42W		COUNTY-PARISH-BLOCK Morton Kansas				
DISTRICT Penyton		DRILLING CONTRACTOR RIG # NORTHWEST FLATS UNIT #2-5 - API		TYPE OF JOB Surface				
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES				
8-5/8" Top Cem Plug, Nitrile cvr, No Shoe		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ								
35/65/Poz/H+2%Cacl+6%Gel+.125ppsCelloFlake		545	12.4	2.01	11.11	05:30	195	143.87
ClassC+2%Cacl+.125ppsCelloFlake		150	14.8	1.34	6.31	02:20	36	22.66
Fresh Water			8.3				97	
Water			8.4				25	
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		353		166.53

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	%	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
12.25	100	1553	8.625	24	CSG	1553		1553	1513			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
									8.625	8RD	WATER BASED	8.75
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
97	BBSL	Fresh Water	8.3	533	0	0	0		2360	1500	Rig	

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 2500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
20:10						ARRIVED ON LOCATION					
20:15						SPOTTED TRUCKS & RIGGED UP					
20:35						WAITING FOR CASING TO BE RAN					
01:05						SWAPPED OVER TO HEAD AND MANIFOLD					
01:37	2500				H2O	PRESSURE TEST PUMPING LINES					
01:40	441		5.5	5	H2O	STARTED PUMPING H2O SPACER/QUICK CONNECTION LEAKING/SHUT DOWN					
02:22	450		5.5	20	H2O	FIXED LEAK/STARTED H2O SPACER					
02:26	419		5.5	195	CMT	PUMPED LEAD SLURRY @ 12.4 ppg					
03:01	306		5.5	36	CMT	PUMPED TAIL SLURRY @ 14.8 ppg					
03:09						SHUT DOWN/PREPARE TO DROP PLUG					
03:13	287		5.5	87	H2O	DROPPED PLUG/STARTED DISPLACEMENT					
03:30	521		3	10	H2O	SLOWED DOWN TO BUMP PLUG					
03:33	596					BUMPED PLUG/PRESSURE TO 1166 psi/47 BBSL CMT RETURNED TO SURFACE					
03:35						CHECKED FLOATS/FLOATS HELD/1 BBL FLOW BACK					
03:40						RELEASED FROM JOB					

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:
<input checked="" type="checkbox"/> Y	N 596	<input checked="" type="checkbox"/> Y	N 47	353	0	Y N	

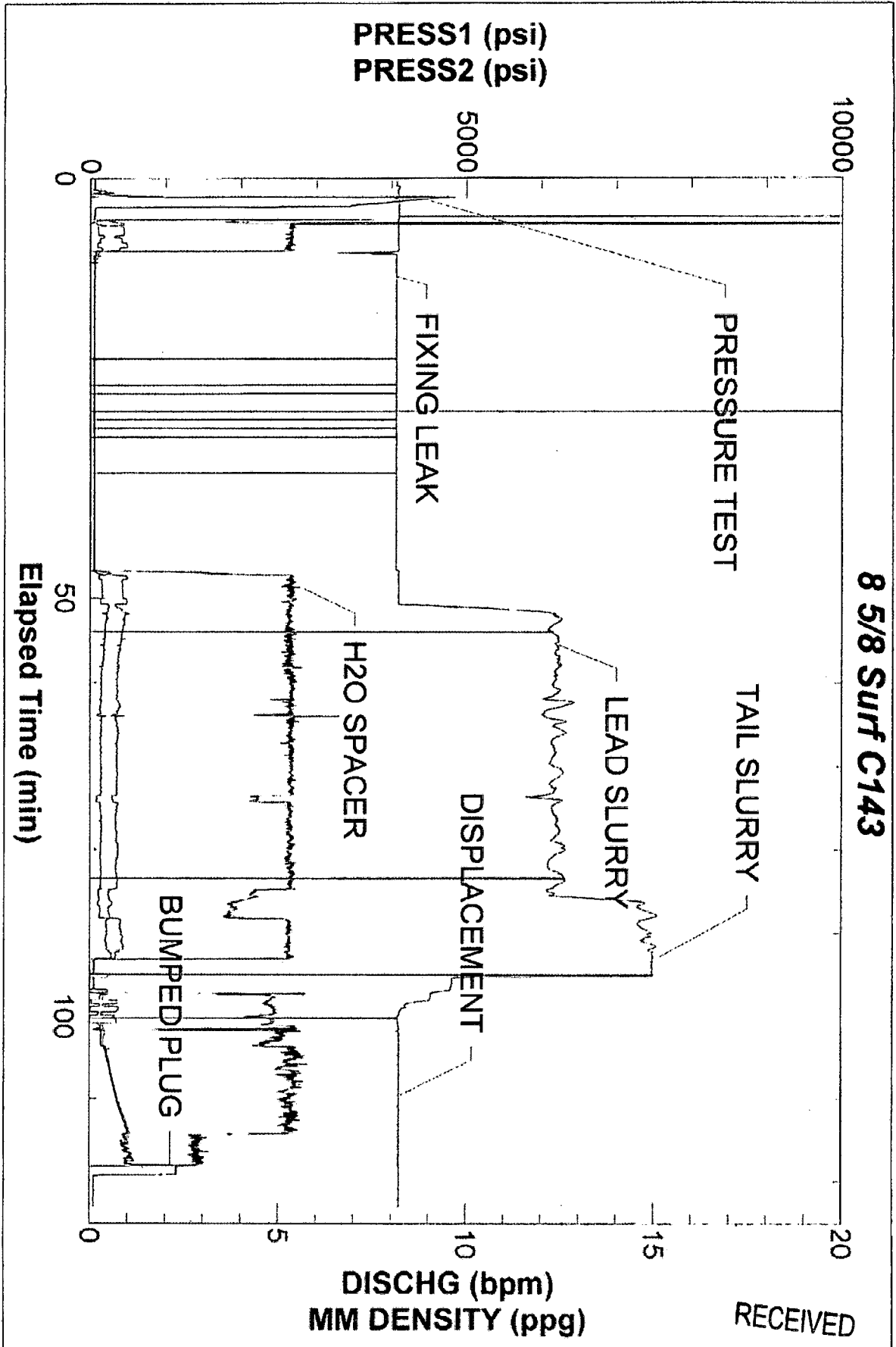
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BJ Services JobMaster Program Version 3.20
Job Number: 1001474046
Customer: Phoenix
Well Name: Northwest Flats 2-5



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CEMENT JOB REPORT



CUSTOMER Phoenix Petrocorp Inc		DATE 01-AUG-09	F.R. # 1001478075	SERV. SUPV. Jack Roberts				
LEASE & WELL NAME		LOCATION 13-35S-42W		COUNTY-PARISH-BLOCK Morton Kansas				
DISTRICT Penyton		DRILLING CONTRACTOR RIG # NORTHWEST FLATS UNIT #2-5 - API		TYPE OF JOB Long String				
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES				
Guide Shoe, Cement Nose, 5-1/2		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Float Collar, Auto Fill, 5-1/2 - 8rd								
MATERIALS FURNISHED BY BJ								
50/50POZH+3%SALT+.6%FL-52+5#/SXA-10+4#/SXLKOLSEAL+.		170	13.8	1.48	6.67	03:30	44.74	26.98
H2O/MUD			8.34				113.8	
35/65POZH+6%GELII+2%CACL2+.125#/SXCF+.01%STATICFRE		320	12.4	2.01	11.11		114.75	84.66
H + 2% CACL		50	16.4	1.07	4.28		9.51	5.10
H2O			8.34				88.07	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>390</u> Bbl.		TOTAL			<u>370.87</u>	<u>116.74</u>

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	%	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.875	42.75	4825	5.5	15.5	CSG	4825	J-55	4825	4785	3714		
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	1500	NO PACKER		0	0	0	5.5	8RD	WATER BASED	9
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
113.8	BBLs	H2O/MUD H2O	8.34 8.34	2000	0	0	0	0	3848	3000	TANK	

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	4000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
12:45						PRE-JOB SAFETY MEETING	
12:50						LEAVE DIST.	
03:00						ARRIVE ON LOC.	
03:05						SAFETY MEETING	
03:40						SPOT EQUIP.	
03:50						PRE-RIG UP MEETING	
03:55						RIG UP	
05:20						SAFETY MEETING	
05:30	4000				H2O	TEST LINES	
05:35					CMT	ST. CMT SLURRY	
05:39	400		5	5	CMT	CMT SLURRY	
05:42	325		5	22	CMT	CMT SLURRY	
05:45	300		5	38	CMT	CMT SLURRY	
05:49				42	CMT	SHUTDOWN/WASH P&L	
05:50						DROP PLUG	
05:51	163		5.4	20	H2O	H2O DISPL.	
05:58	175		5.4	30	MUD	MUD DISPL.	
06:03	132		5.6	40	MUD	DISPL.	
06:06	156		6	60	MUD	DISPL.	
06:10	369		6	80	MUD	DISPL.--CAUGHT CMT	
06:14	451		3.1	100	MUD	DISPL.-DEC. RATE	
06:15	2040			113	MUD	BUMP PLUG	
06:16							

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CEMENT JOB REPORT



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	4000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
						BLEED PSI/FLOAT HELD	
06:19						DROP BOMB	
06:45	865		.5		MUD	OPEN DV TOOL	
06:46					MUD	BLEED PSI	
06:48						SWITCH TO RIG PUMP	
10:25					CMT	ST. LEAD CMT	
10:30	155		5	30	CMT	LEAD CMT	
10:38	150		5	64	CMT	LEAD CMT	
10:45	159		5	98	CMT	LEAD CMT	
10:46				108	CMT	LEAD CMT	
10:47					CMT	ST. TAIL CMT	
10:48	150		2.8	9	CMT	TAIL CMT	
10:50						SHUTDOWN/DROP PLUG	
10:51	121		5.6	20	H2O	ST. DISPL.	
11:00	148		6.2	30	H2O	DISPL.	
11:02	283		6.2	40	H2O	DISPL.	
11:05	499		6.2	60	H2O	DISPL.	
11:10	427			80	H2O	DISPL. -OUT OF H2O	
10:30	235		3		H2O	DISPL.	
10:32	2494			88	H2O	BUMP PLUG	
10:33					H2O	BLEED PSI/FLOAT HELD	
10:35	2200				H2O	REBUMP PLUG	
10:36						BLEED PSI	
10:38						POST RIG DOWN MEETING	
10:40						END JOB	

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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2040	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	371.1	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

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