

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 31253
Name: Primexx Operating Corporation
Address 1: Two Energy Square
Address 2: 4849 Greenville Ave., Ste. 1600
City: Dallas State: Texas Zip: 75206 +
Contact Person: Andrea Molinar
Phone: (214) 369-5909
CONTRACTOR: License # 33132
Name: Dan Darling Drilling
Wellsite Geologist: _____
Purchaser: Conoco Phillips

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth: _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

7/12/2011	7/20/2011	9/14/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 077-21743-00-00

Spot Description: _____
C SW SE Sec. 4 Twp. 35 S. R. 5 East West
615 Feet from North / South Line of Section
1,875 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Harper

Lease Name: Boor Well #: 4-1

Field Name: Wildcat

Producing Formation: Mississippi

Elevation: Ground: 1240 Kelly Bushing: _____

Total Depth: 5230' Plug Back Total Depth: 5181'

Amount of Surface Pipe Set and Cemented at: 240 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 cm.

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Drilling Fluid Management Plan

(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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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.

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.

Signature: Andrea Molinar

Title: Regulatory Analyst Date: 2/01/2012

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dg Date: 2/7/12

Operator Name: Primexx Operating Corporation Lease Name: Boor Well #: 4-1
 Sec. 4 Twp. 35 S. R. 5 East West County: Harper

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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Array Induction Log Density Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Mississippi</td> <td>5043'</td> <td>1240'</td> </tr> </table>	Name	Top	Datum	Mississippi	5043'	1240'
Name	Top	Datum					
Mississippi	5043'	1240'					

CASING RECORD <input 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#	240'	Class A	230	2% CC + 2.5 Super Flake
Production	7 7/8	5 1/2	15.5#	5227'	Class H	175	10% Salt + 10% Gypsum

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
2 SPF	5043-5048, 5055-5060, 5070-5091	2,000 gals. of 155% NeFe 9,499 bbls. 313,320# of sand	4861'

TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>5097'</u>	Packer At: <u>4994'</u>	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 type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>3</u>	Gas Mcf <u>0</u>	Water Bbls. <u>194</u>	Gas-Oil Ratio <u>-</u> Gravity <u>37</u>

DISPOSITION OF GAS: <input 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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5043-5091</u>
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Primexx Operating Corporation

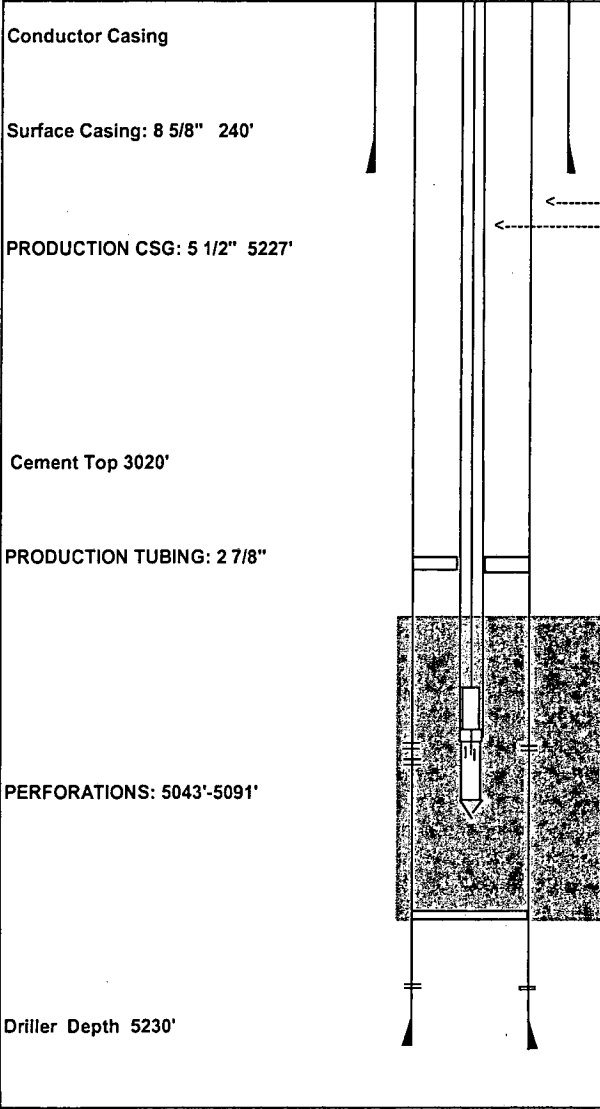
WELL DATA SHEET

26 August, 2011.	Well name
	Well number
FLUID LEVEL FROM SURFACE	County, St.
	Section
COMPANY REP: MARTY WADE	Location
ECOMETER	Field

BOOR
4-1
Grant Co.
4 - 35S - 5W
C SW SE
KANSAS M&M FIELD

Downhole Information

PROCEDURE/REMARKS: DANSCO 320 256 144.



Producing NG 2 1/2" X 2" X 22' 5' SM PLGR..
Fluid Level shot @ 4861.03'
SN @ 5098'
SPM 6.25
LIQUID 77%

CSG 50 PSI
TBG 200 PSI

TA 4478'

LIQUID LEVEL DEPTH 4861.03'

SN 5098'
LIQUID 77%

PBTD 5185'

TOTAL GAS LIQUID COLLUM 237'
EQUIVALENT GAS FREE LIQUID 181'

PRODUCTION: OIL 10.5 WTR 194 GAS 0

FLUID LEVEL TEST \$150.00

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GEOLOGICAL PROGNOSIS
Primexx Operating Corporation
M&M Prospect – Harper County, KS
Travis Wilson – Geoscientist

API#:
WELL NAME: Boor 4-1 (a.k.a. C-1)
SURFACE LOCATION: SW SE Section 4-35S-5W, Harper County, KS
(615' FSL & 1875' FEL)
ELEVATIONS: GL 1240' KB 1252'est
ANTICIPATED CASING: surface casing, 5-1/2" @ 5,300'

GEOLOGY COMMENT:

EXPECTED FORMATION TOPS:

<u>Tops</u>	<u>MD</u>	<u>SS</u>
Heebner Shale	3175	
Tonkawa	3590	
Hogshooter Lime	3960	
Big Lime	4250	
*Red Fork	4540	
*Miss Lime	4600	
*Miss Osage	5050	
Woodford	5140	
Wilcox	5200	

Total Depth 5300

**Potentially Productive Zones*

Drilling Hazards: 3200-3300 "Douglas/Oread Zone" blew out in the Cink 15-6 well 15-29n-6w

Lost Circulation Zones: Possible lost Circulation in Upr. Miss Lime (4600')

"Rig Crew should strap the pipe coming out of the hole for open hole logging. They should not chase the drill pipe when tripping out of the hole."

Drilling samples: Every 30ft 3100-4500
Every 10ft 4500'-TD'

CORPORATION COMMISSION ORDER NUMBERS:

Spacing: lease basis

Location Exception: n/a

Increased Density: n/a

OPEN HOLE LOGS: Weatherford

Phone: Chuck Lauzon:405-818-4517

Log Types & Depths: triple combo (dual induction, Neutron, Lithodensity, GR, Microlog) – TD to 3,100'

MUDLOGGER: Tony Peirce – Orion Mudlogging: 580-515-6076

Mudlogger on location at: 3100'

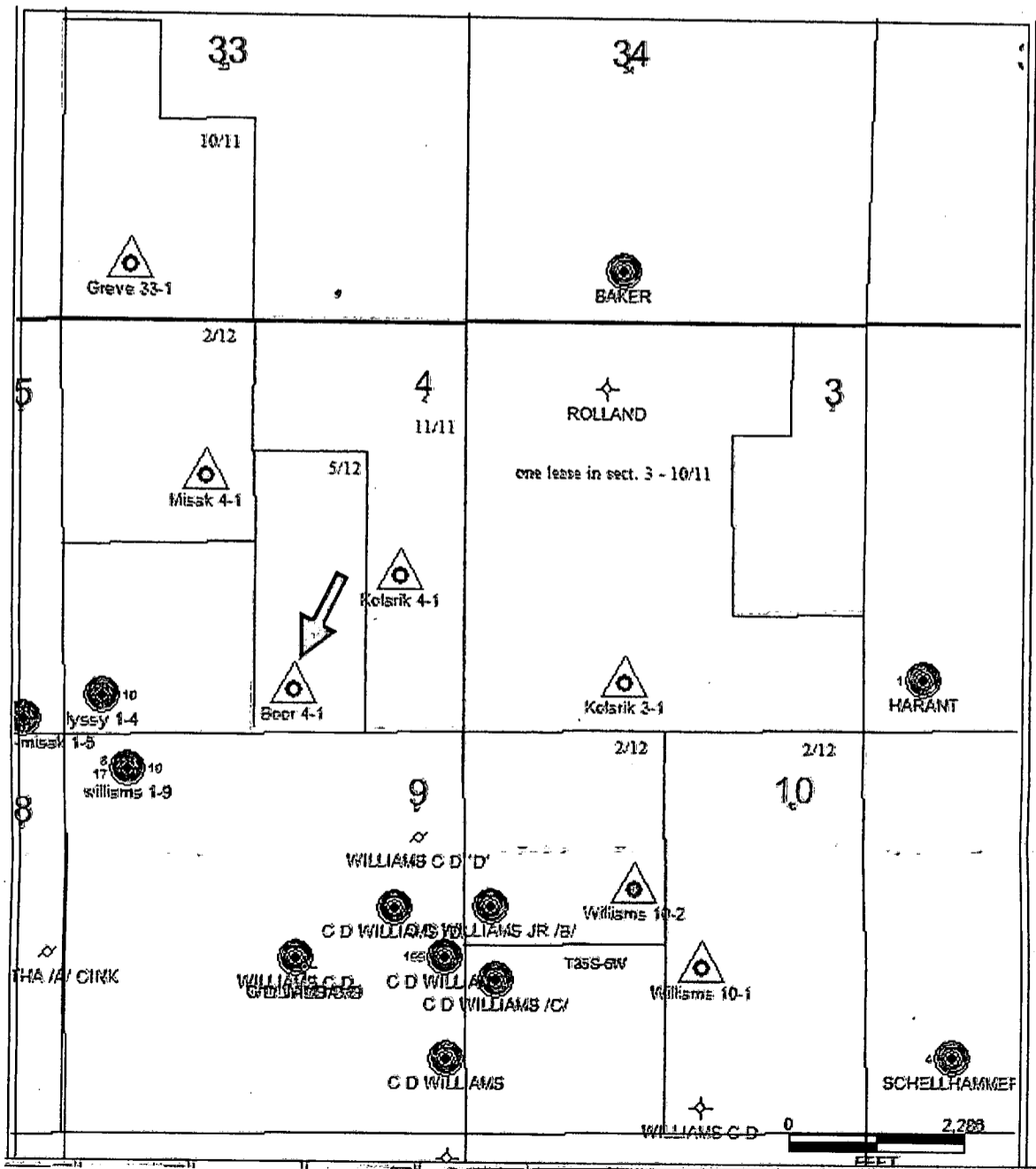
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GEOLOGICAL PROGNOSIS
 Boor 4-1

COMPANY CONTACTS:

Travis Wilson – OKC Geologist	office:405/229-6563	cell:405/229-6563	Travis.wilson@primexx.com
Eric Nelson – Dallas Geologist	office:214/635-2635	cell:214/728-2635	Eric.nelson@primexx.com
Kevin Aul – COO, Engineer	office: 214/635-2618	cell:214/7937768	Kevin.aul@primexx.com
Edwin Gregory – Land	office:214-635-2626	cell:817-999-0205	Edwin.gregory@primexx.com
Jerry Ogle – Field Superintendent		cell:580-541-9124	Jerry.ogle@primexx.com
Rusty Rayborn – Operations	office:214-691-3110	cell:940-507-1772	rusty.rayborn@primexx.com
Dan Keller – Land	office:214-635-2615	cell:	dan.keller@primexx.com



Primexx Operation Corporation
4849 Greenville Ave.
Suite 1600
Dallas, Texas
214-369-5909

Completion / Workover Prognosis

- I. WELL NAME: BOOR 4-1
- II. LOCATION: SW SE 4-35s-5w, Harper County, Ks.
API Number: 15-077-21743
- III. WELL DATA:
 - A. Surface Casing: 8 5/8" 24# J-55 @ 211'
 - B. Intermediate Csg:
 - C. Production Casing: 5 1/2" 15.5# J-55 @ Float shoe 5228'
 - D. D.V. Tool(s):
 - E. KB / PBTD: F.C. @ 5186'
 - F. Tubing:
 - G. Rods:
 - H. Pump:
 - I. Proposed Perfs: 5030'-5034' (5'); 5043'-5048' (6'); 5055'-5060' (6'); 5070'-5090' (21'). 38' gross perforated interval. 2spf. 76' holes.

IV. WORKOVER PROCEDURE:

- A. MIRU all equipment. Hold safety meeting.
- B. Trip in hole with bit, sn, and tub to PBTD. Circulate hole clean with 2% KCL. TOO H.
- C. Go in hole with wireline company gamma ray, ccl, and bond log well. If bond log is ok, prepare to perforate well. Get on depth with Density/Neutron log. Perforate zone as proposed above.
- D. Pull OOH with wireline. Pick up packer on sn and run in hole to bottom perf, 5090'. Rig up acid company to tubing valve, pull tbg. to spot 4 bbls 15% acid across perforation interval.
- E. Pull packer up to +/- 5000', backwash 3-4 bbls, and set packer. Load and test annulus to 500#.
- F. Land and pack off tbg in well head. Rig up acid company to tubing valve and break down and acidize zone.
- G. Release acid company and wireline.
- H. Flow and swab back acid treatment. Report results.
- I. After acid job has been cleaned up, prepare and run a 168 hour bottom hole pressure test.
- J. Prepare to frac well. Frac procedure to follow.

RR.

Primexx Operation Corporation
4849 Greenville Ave.
Suite 1600
Dallas, Texas
214-369-5909

Completion / Workover Prognosis

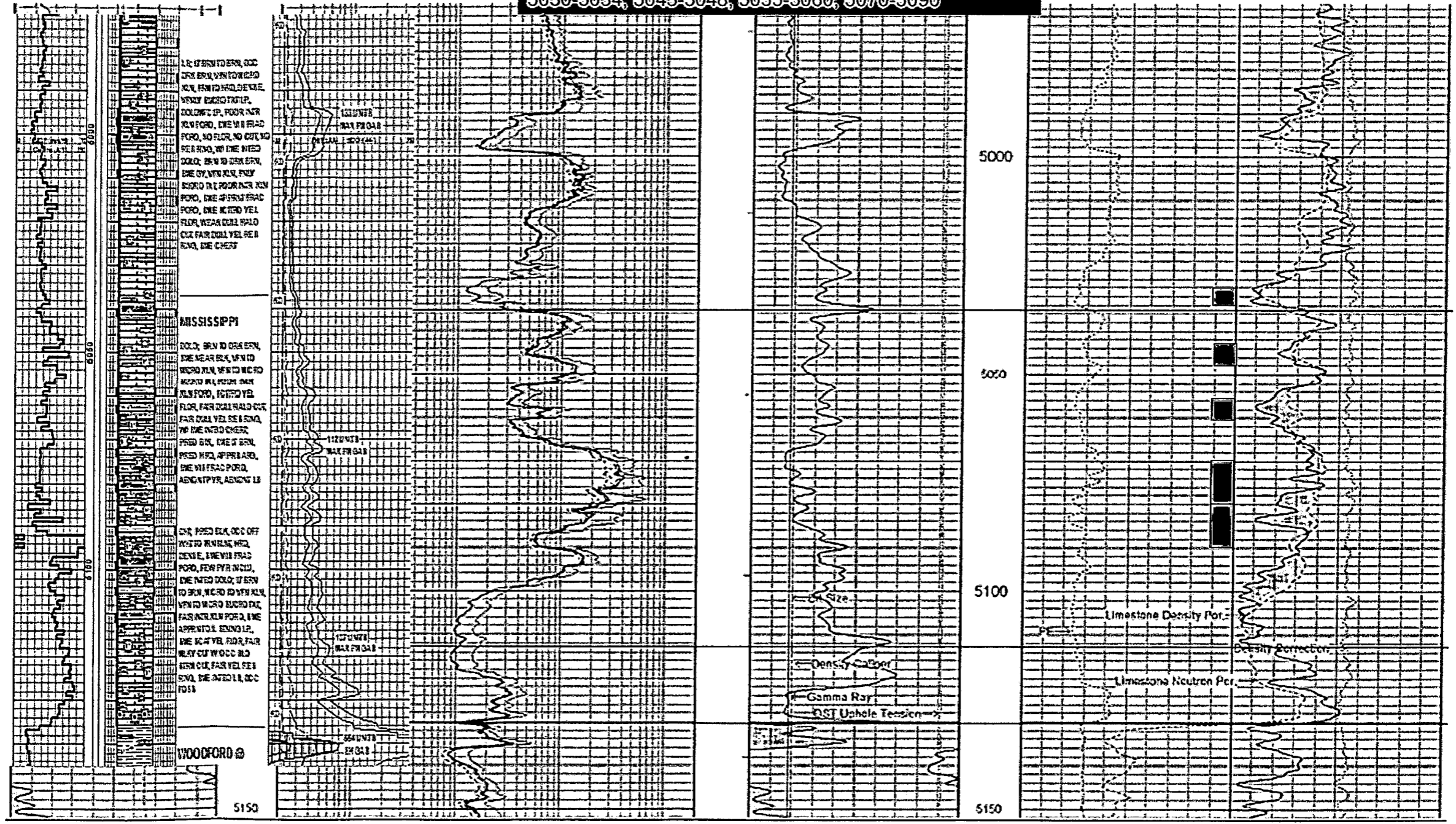
Remarks:

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Company:	Primexx Operating Corp.	Approved and Accepted:
Working Interest:		Signature:
Prepared by:		Title:
Date:		Date:

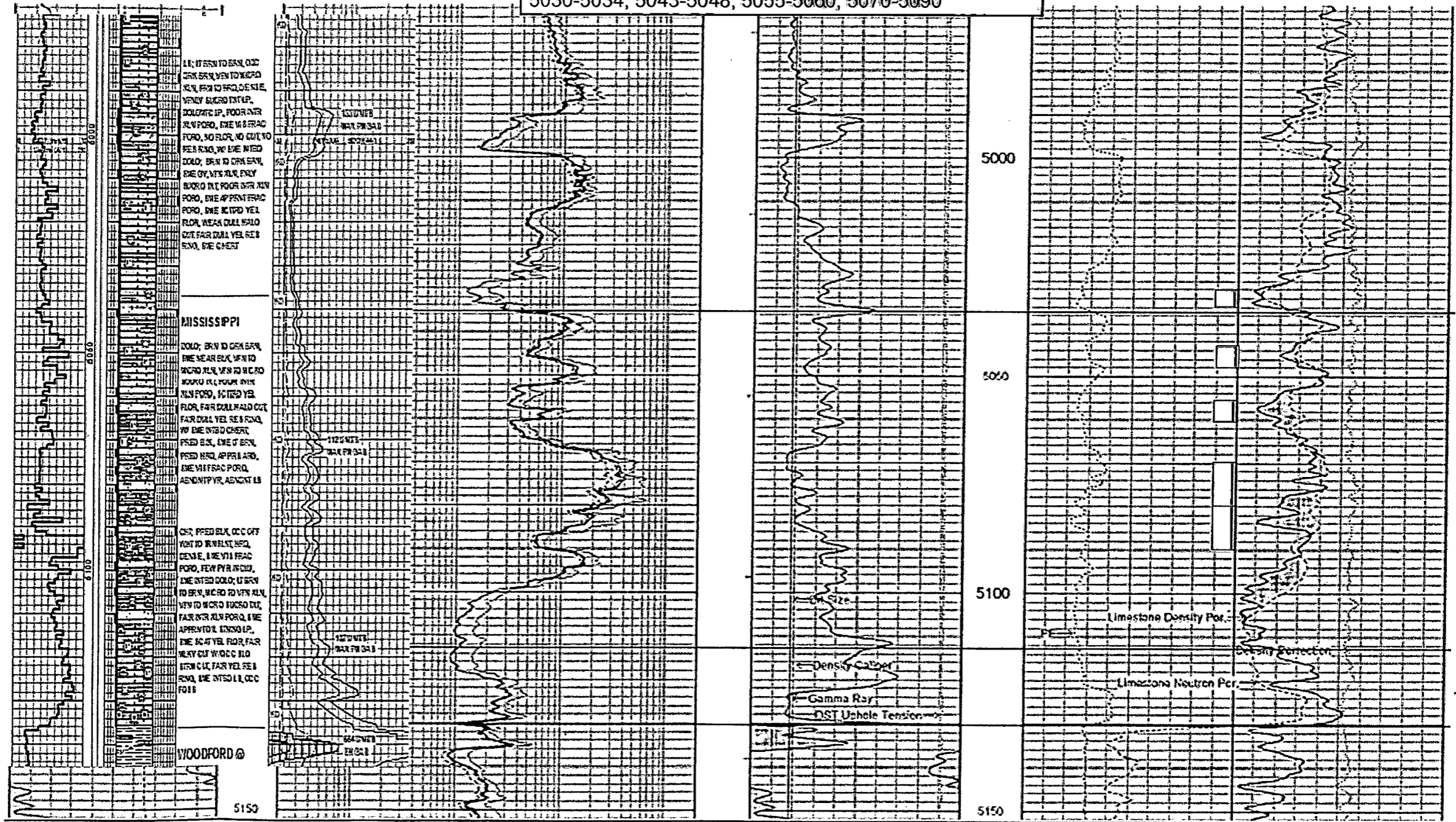
Boor 4-1 Perf Recommendation

5030-5034; 5043-5048; 5055-5060; 5070-5090



Boor 4-1 Perf Recommendation

5030-5034; 5043-5048; 5055-5060; 5070-5090



LE, ITERN TO SAN, OED
 SAN ERN, VEN TO MCOAD
 VEN, ERN TO MCO, DENIE
 VENNY BUKED INTUP,
 DOLOATE UP, POOR INTER
 ALV PORO, DNE M8 ERAC
 PORO, NO FLOR, NO CUT TO
 BEA RAG, NO DNE INTED
 COLO; ERN TO ORA SAN,
 DNE OY, M8 SAN, ENY
 BORO INT POOR INTER M8
 PORO, DNE APPERT ERAC
 PORO, DNE M8 TO YEL
 FLOR, WEAR DALL BULO
 OUT FAR DALL YEL SEE
 ENA, DNE CHEST

MISSISSIPPI
 COLO; ERN TO ORA SAN,
 DNE WEAR SAN, VEN TO
 MCOAD RLY, VEN TO MCOAD
 MCOAD RLY, POOR INTER
 M8 PORO, M8 TO YEL
 FLOR, FAR DALL RALO CUT
 FAR DALL YEL SEE RAG,
 NO DNE INTED COLO;
 PSED SAN, DNE O SAN,
 PSED M8, APPERT ARB,
 DNE M8 ERAC PORO,
 AENONTPYR, AENONTPYR

OST, PSED SAN, OCC OFF
 VET TO M8 ERAC M8,
 DENIE, M8 ERAC
 PORO, FEW PYR M8,
 DNE INTED COLO; U ERN
 TO ERN, M8 TO M8 ERN
 VEN TO M8 TO M8 ERN
 FAR INTER ALV PORO, DNE
 APPERT ARB, M8 TO YEL
 DNE M8 TO YEL FLOR, FAR
 WEAR CUT WOODC BLO
 M8 TO YEL, FAR YEL SEE
 RAG, DNE INTED L, OCC
 FOLB

WOODFORD @

5150

5000

5050

5100

5150

Limestone Density Por.
 Density Correction
 Limestone Neutron Por.



LOCATION WATER TEST

General Information

Customer: primexx oper. Date: 7/10/2011
 Sales Order #: 41-001388 Time: 21:30
 Lease Name & #: boor #4-1 Water Source: TRANSPORT
 Employee Name daniel carter

Test Results Sample #1

	Field	Lab	Standards
Temp	<u>80</u> ° F	_____ ° F	Max Temp 120° F
pH	<u>8.0</u>	_____	6.0 - 8.0
Sulfates	<u>trace</u> mg/L	_____ mg/L	Less Than 2000 mg/L
Chlorides	<u>500</u> mg/L	_____ mg/L	Less Than 3000 mg/L
Tanin & Lignin	<u>no</u> Y/N	_____ Y/N	No Trace
Bicarbonates	<u>XXXXXXXX</u>	_____ mg/L	Less Than 500 mg/L

Test Results Sample #2

	Field	Lab	Standards
Temp	_____ ° F	_____ ° F	Max Temp 120° F
pH	_____	_____	6.0 - 8.0
Sulfates	_____ mg/L	_____ mg/L	Less Than 2000 mg/L
Chlorides	_____ mg/L	_____ mg/L	Less Than 3000 mg/L
Tanin & Lignin	_____ Y/N	_____ Y/N	No Trace
Bicarbonates	<u>XXXXXXXX</u>	_____ mg/L	Less Than 500 mg/L

Test Results Sample #3

	Field	Lab	Standards
Temp	_____ ° F	_____ ° F	Max Temp 120° F
pH	_____	_____	6.0 - 8.0
Sulfates	_____ mg/L	_____ mg/L	Less Than 2000 mg/L
Chlorides	_____ mg/L	_____ mg/L	Less Than 3000 mg/L
Tanin & Lignin	_____ Y/N	_____ Y/N	No Trace
Bicarbonates	<u>XXXXXXXX</u>	_____ mg/L	Less Than 500 mg/L

Remarks:

Bulk Plant Load Sheet

Customer: **PRIMEXX OPERATING**
 Lease: **BOOR #4-1**
 Job Type: **8.625 SURFACE**

Date: 7/10/2011
 Sales Order No.: _____
 Loader: JOEY BITTEL
 Assistant: _____

Field Blend: Yes No

Cement Blend:
CLASS A

Cement Blend:

Cement Blend:

Total No. Sacks 230.0
 No. Sacks per Pull 230.0
 Number of Pulls 1.0
 Number Samples -

Total No. Sacks -
 No. Sacks per Pull -
 Number of Pulls 1.0
 Number Samples -

Total No. Sacks -
 No. Sacks per Pull -
 Number of Pulls 1.0
 Number Samples -

	Wt. of Materials	
Cement	21,620 lbs	
Pozmix A	- lbs	
Gel	- lbs	
Kol Seal	- lbs	
Super SF-100	- lbs	
Super SF-200	- lbs	
Hydrated Lime	- lbs	
CC	9 Sacks	
Gypsum	- Sacks	
CD-20	- lbs	
Air Out	- lbs	
Super Sil - SP	- Sacks	
Super Flake	54 lbs	
Gas X 300	- lbs	
FL-200	- lbs	
FL-300	- lbs	
FL-350	- lbs	
Halad-344	- lbs	
Halad-413	- lbs	
CR-1	- lbs	
SCR-100	- lbs	
HR-25	- lbs	
KCL	- Sacks	
Mud Save F	- Sacks	
Salt	- Sacks	
P-ASA	- lbs	
Hi-Dense #3	- Sacks	
Pressur Seal	- Sacks	
Super CBL	- lbs	
Other	_____	
Other	_____	
Other	_____	

	Wt. of Materials	
Cement	- lbs	
Pozmix A	- lbs	
Gel	- lbs	
Kol Seal	- lbs	
Super SF-100	- lbs	
Super SF-200	- lbs	
Hydrated Lime	- lbs	
CC	- Sacks	
Gypsum	- Sacks	
CD-20	- lbs	
Air Out	- lbs	
Super Sil - SP	- Sacks	
Super Flake	- lbs	
Gas X 300	- lbs	
FL-200	- lbs	
FL-300	- lbs	
FL-350	- lbs	
Halad-344	- lbs	
Halad-413	- lbs	
CR-1	- lbs	
SCR-100	- lbs	
HR-25	- lbs	
KCL	- Sacks	
Mud Save F	- Sacks	
Salt	- Sacks	
P-ASA	- lbs	
Hi-Dense #3	- Sacks	
Pressur Seal	- Sacks	
Super CBL	- lbs	
Other	_____	
Other	_____	
Other	_____	

	Wt. of Materials	
Cement	- lbs	
Pozmix A	- lbs	
Gel	- lbs	
Kol Seal	- lbs	
Super SF-100	- lbs	
Super SF-200	- lbs	
Hydrated Lime	- lbs	
CC	- Sacks	
Gypsum	- Sacks	
CD-20	- lbs	
Air Out	- lbs	
Super Sil - SP	- Sacks	
Super Flake	- lbs	
Gas X 300	- lbs	
FL-200	- lbs	
FL-300	- lbs	
FL-350	- lbs	
Halad-344	- lbs	
Halad-413	- lbs	
CR-1	- lbs	
SCR-100	- lbs	
HR-25	- lbs	
KCL	- Sacks	
Mud Save F	- Sacks	
Salt	- Sacks	
P-ASA	- lbs	
Hi-Dense #3	- Sacks	
Pressur Seal	- Sacks	
Super CBL	- lbs	
Other	_____	
Other	_____	
Other	_____	

Spacer Volume - bbl
 Blend - Sacks
 Barite - lbs
 Other _____

- lb/gal

Sacks: 230 sacks Total # Sacks for Job: 230 sacks # of Pulls: 1
 Spacer Vol: _____ bbl Ft³ per Sack: 1.05 ft³ Max. amount sacks per Bulk Tank: 252.6215
 Spacer Wt: _____ lb/gal Bulk Tank Capacity: 330 ft³
 Mileage: 160 miles (one way) Number of Samples Caught: _____
 Prepared by: JOEY BITTEL
 Date: 7/10/2011
 Customer: PRIMEXX OPERATING
 Well Name: BOOR #4-1
 Job Type: 8.625 SURFACE
 Slurry Type: CLASS A

Density:	15.60 ppg
Yield:	1.19 cuft/sk
Water:	5.20 gps

Bulk Materials for Cement (230 sacks)							
Concentration	Material Name	API Vol (gal/lb)	lb/sk	gal/sk	Total Wt (lb)	Running Total (lb)	Material Quantity
6.2 gps	Water	0.1200	43.316	5.200			
100.00 %	Standard 100003684	0.0382	94.000	3.594	21,620	21,620	230 sacks
2.00 %	Calcium Chloride	0.0558	1.880	0.105	432	22,052	9 sacks
0.25 pps	Super Flake 100005049	0.0845	0.235	0.020	54	22,106	54 lb

Bulk Materials for Spacer				
Concentration	Material Name	Total Weight	Number of Sacks	cu-ft
lb/bbl	Barite 100003681	-	-	-
lb/bbl	CBS-100 100003654	-	-	-
lb/bbl	Tuned Blend 12219	-	-	-
lb/bbl	FE-2 100001615	-	-	-
lb/bbl	CR-1	-	-	-
lb/bbl		-	-	-

Bulk Material Charges (Subtotal)				
			Pounds	Tons
Service Charge (cu-ft) for Cement:	240	Bulk Cement Materials Weight:	22,106	11
Service Charge (cu-ft) for Spacer:	-	Bulk Spacer Materials Weight:	-	-
Service Charge (cu-ft):	240	Bulk Material Weight (tons):	-	11
Ton Mileage Based on 160-miles (one way):			1,658	

Total Job Bulk Material Charges		
Total Service Charge (cu-ft):		240
Total Bulk Material Weight (tons):		11
Total Ton Mileage Based on 160-miles (one way):		1,658



SUPERIOR WELL SERVICES

WEST-AUG-10a-SALES & SERVICE TICKET

TICKET

41- 00000

DATE

7/10/2011

PAGE

1 of 1

CHARGE TO

PRIMEXX OPERATING

LEASE NAME OR PROJECT

BOOR #4-1

ADDRESS

GET FROM CUSTOMER

STATE

KS

COUNTY

HARPER

ADDRESS

GET FROM CUSTOMER

FIELD

SEC. 4-35S-5W

WELL PERMIT NUMBER

OWNER

SERVICE ENGINEER

DATE / PURCHASE ORDER / CONTRACT / REFERENCE

GET FROM CUSTOMER

JOB TYPE

8 5/8 SURFACE

ON LOCATION

COMPLETED

TIME

7/10/2011

DATE

DATE

SIGNATURE

X

NAME (PLEASE PRINT)

JERRY OGLE

I have read, understood and agreed to the terms and conditions printed on the reverse side hereof which include, but are not limited to, LIMITED WARRANTY, INDEMNITY, RELEASE and PAYMENT and represent that I have full power and authority to execute this agreement.

LOC	ITEM REFERENCE	QTY	DESCRIPTION	DISC ACCT	UNIT PRICE	AMOUNT
-	20-200-0001	300	Mileage DOT Units - Cmt - per unit, per mile, one way	69.00	7.60	2,280.00
-	20-200-0002	150	Mileage non-DOT Units -Cmt - per unit, per job	69.00	4.30	645.00
-	20-220-0003	1	Depth Pumped 0' to 300' - first 4 hours, per unit	69.00	1,350.00	1,350.00
-	20-299-0008	1	AccuDat Recording System- each, per job	69.00	1,230.00	1,230.00
-	20-299-0010	1	High Energy Mix System (HEMS) - each, per job	69.00	746.00	746.00
-	20-299-0007	1	Plug Container HP or Double - each, per job	69.00	710.00	710.00
-	50-760-0085	1	Rubber Plug Top 8-5/8 - each	69.00	235.00	235.00
-	25-315-0020	5	No Foam 2 - per gallon	69.00	141.00	705.00
-	20-200-0008	34,500	Bulk Cement Delivery - per sack, per one way mile	69.00	0.18	6,210.00
-	20-215-0001	230	Bulk Blending Service - per sack	69.00	3.20	736.00
-	25-305-1000	230	Cement-Standard - per sack	69.00	38.89	8,944.70
-	25-300-0002	432	Calcium Chloride (CaCl2) - per pound	69.00	1.89	816.48
-	25-335-0001	54	Super Flake - per pound	69.00	6.40	345.60
-	20-220-1000	-	Depth Add Hrs - Stand-by - per unit, per hour	-	514.00	-
-	20-200-0020	-	Delivery Additional Hours - Cmt - per unit, per hour	-	196.00	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	50-740-0086	1	Guide Shoe 8-5/8 - each	45.00	387.00	387.00
-	50-745-0086	1	Insert Float Valve 8-5/8 - each	45.00	387.00	387.00
-	50-725-0862	3	Centralizer 8-5/8 X 12 - each	45.00	164.00	492.00
-	50-750-0001	1	Thread Lock - each	45.00	153.00	153.00
-	50-736-0609	1	Auto Fill Unit Float Equip - 6-5/8 to 9-5/8 - each	45.00	105.00	105.00
-	-	-	-	-	-	-
-	-	-	-	-	-	-
Continuation Page \$						-

CUSTOMER OR AGENT SIGNATURE / COMMENTS

X

Receipt: The customer or customer's agent acknowledges that the equipment, materials and services were received as listed on this field ticket.

Subtotal	\$	26,477.78
Special Discount	0.00%	\$ -
Line Item Discounts		\$ (17,903.91)
Special Allowance	\$	\$ -
Subtotal	\$	8,573.87
Fuel Surcharges	2.50%	\$ 214.35
AMOUNT DUE ==>	\$	8,788.22

Unless satisfactory credit terms have been established prior to services payment in advance may be required. All invoices rendered for services performed by Superior Well Services shall be paid as indicated on the invoice within thirty days (30) from date of receipt. If not paid within thirty (30) days the unpaid amount is subject to interest at one and one half percent (1 1/2%) per month (eighteen percent per annum). All discounts indicated on the invoice are based upon payment within the invoice payment term and are subject to being cancelled by Superior Well Services if not paid within terms. If it should be necessary to employ an attorney to collect the amount due, you will be held liable for attorneys' fees and collection costs. Superior Well Services, price book is incorporated herein by reference, which also contains all invoice payment terms.



Superior Well Services

22096 West Highway 73
Clinton, Oklahoma 73601

Office: 580 323 0058

Fax: 580 323 8629

www.swsj.com

BREAK THROUGH

Primary Cementing Proposal

PRIMEXX OPERATING

BOOR #4-1

8 5/8 IN SURFACE CASING

Well Location

Field: SEC. 4-35S-5W
County: HARPER
State: KS

Rig Name: **DAN DARLING #1**

Well Information

Casing Size: 8 5/8 [in]
Casing Depth: 250 [ft]
TVD: 250 [ft]
O.H. Size: 12 1/4 [in]
O.H. Depth: 250 [ft]

Water Estimates

Spacer: 10.0 [bbls]
Total Mix Water: 28.5 [bbls]
Displacement: 13.1 [bbls]
Wash up: 30.0 [bbls]



Pvs. Casing Size: 20 [in]
Pvs. Casing Depth: 60 [ft]
BHST: 82.3 [°F]
BHCT: #N/A [°F]

Total Water Estimate: 81.6 [bbls]

BREAK THROUGH

Prepared For: **JERRY OGLE**
RUSTY RAYBORN

Date Prepared: 7/8/11

Prepared By: **JOEY BITTEL**

Phone: 580-530-1201

Fax: 580-323-8629

Email: Joseph.Bittel@nabors.com

DISCLAIMER OF LIABILITY: With respect to this report, neither Superior Well Services nor any of their employees, makes any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.



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BREAK THROUGH

PRIMEXX OPERATING

BOOR #4-1

8 5/8 IN SURFACE CASING

Well Bore Information

Drilling Fluid 9.0 ppg Water Based Drilling Fluid

Spacers

Previous Casing Depth:
60 [ft]

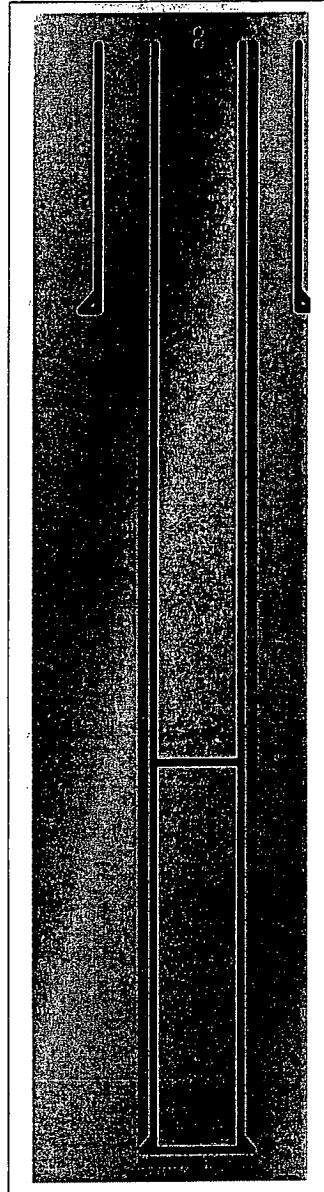
Casing in Casing Factor:
1.5974 [cuft/ft]

Differential Pressure
78 [psi]
[assumes vertical hole]

Total Annular Excess
108.5 %

Casing in OH1 Factor:
0.4127 [cuft/ft]
(Without Excess)

Casing Capacity Factor:
0.3581 [cuft/ft]



Note: Drawing may not be 100%
Accurate with different situations.

Tall Cement

Top: Cement to Surface
Fill: 250 [ft]
Excess: 109 %
Vol: 275 [cuft]

Shoe Track Length
44 [ft]

Measured Depth
250 [ft]

Displacement Volume: 13 [bbls]



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BREAK THROUGH

PRIMEXX OPERATING

BOOR #4-1

8 5/8 IN SURFACE CASING

Mud / Cement Spacer System:

10 bbls Water @ 8.32 [lb/gal]

No Lead System

Tail System

230 sks

Standard Cement + 2% Calcium Chloride + 0.25 LB/SK Super Flake

Mix Weight:	15.60 [lb/gal]
Yield:	1.19 [cuft/sk]
Mix Water:	5.20 [gal/sk]

Displacement Fluid

13 bbls of Water

Always refigure on location!!!!





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BREAK THROUGH

Price Code	Description	Amount	Units of Sale	Unit Cost	Total Cost
20-200-0001	Mileage DOT Units - Cmt - per unit, per mile, one way	300	ut-mi	\$ 7.60	\$ 706.80
20-200-0002	Mileage non-DOT Units -Cmt - per unit, per job	150	ut-mi	\$ 4.30	\$ 199.95
20-220-0003	Depth Pumped 0' to 300' - first 4 hours, per unit	1	unit	\$ 1,350.00	\$ 418.50
20-299-0008	AccuDat Recording System- each, per job	1	ea	\$ 1,230.00	\$ 381.30
20-200-0008	Bulk Cement Delivery - per sack, per one way mile	34500	sk-mi	\$ 0.18	\$ 1,925.10
20-215-0001	Bulk Blending Service - per sack	230	sk	\$ 3.20	\$ 228.46
20-299-0007	Plug Container HP or Double - each, per job	1	ea	\$ 710.00	\$ 220.10
20-299-0010	High Energy Mix System (HEMS) - each, per job	1	ea	\$ 746.00	\$ 231.26
25-315-0020	No Foam 2 - per gallon	5	gal	\$ 141.00	\$ 218.55
50-760-0085	Rubber Plug Top 8-5/8 - each	1	ea	\$ 235.00	\$ 72.85
25-305-1000	Cement-Standard - per sack	230	sk	\$ 38.89	\$ 2,776.46
25-300-0002	Calcium Chloride (CaCl2) - per pound	433	lb	\$ 1.89	\$ 253.67
25-335-0001	Super Flake - per pound	58	lb	\$ 6.40	\$ 114.23

Fuel Surcharge - as applied

1 ea \$ 624.78 \$ 193.68

Gross Price \$ 25,615.82

Discounted Price \$ 7,940.90

Items not Requested

Price Code	Description	Amount	Units of Sale	Unit Cost	Total Cost
50-740-0086	Guide Shoe 8-5/8 - each	1	ea	\$ 387.00	\$ 387.00
50-745-0086	Insert Float Valve 8-5/8 - each	1	ea	\$ 387.00	\$ 387.00
50-725-0862	Centralizer 8-5/8 X 12 - each	3	ea	\$ 164.00	\$ 492.00
50-750-0001	Thread Lock - each	1	ea	\$ 153.00	\$ 153.00
50-736-0609	Auto Fill Unit Float Equip - 6-5/8 to 9-5/8 - each	1	ea	\$ 105.00	\$ 105.00
45.00 % Special Discount Applied					\$ 838.20

DISCLAIMER OF LIABILITY: With respect to this report, neither Superior Well Services nor any of their employees, makes any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.



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BREAK THROUGH

Superior Chemical Descriptions

Chemical	Description
<i>Standard Cement</i>	<i>Standard Portland Cement (Class A or Type I)[94 lbs/sk]</i>
<i>Calcium Chloride</i>	<i>Accelerator for low temperature application when early compressive strengths are needed.</i>
<i>Super Flake</i>	<i>Cellophane or Polyester flakes used as a loss circulation additive.</i>





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BREAK THROUGH

Superior Equipment and Personnel Requested

Well Head Connection	8 5/8" Cement Head	Single Plug Pull Pin Style with Quick Latch Bowl type connection
	<i>This bid includes the use of Superior's circulating equipment (5 loops, 2 chicks, and the appropriate swage) to be used at the request of the client. The co-rep should give Superior 24 hrs notice to get the equipment delivered to location.</i>	
Cement Pump Truck	1 Superior tractor trailer mounted cement double pump. Superiors tractor trailer cement pumps consist of a recirculating jet mixer, non-radioactive densiometer, 2 high pressure triplex pumps, and data ports to record pressures, rates and densities with Superior's AccuDat software.	
	<i>This quote is for 4 hours on location, after that time any down hole pump will be charged at \$575.00 (0% discount) per hour and any standby pump at \$514.00 per hour.</i>	
Cement Bulk Units	Superior Tractor Trailer style bulk trucks with 2 330 cuft bulk material bottles.	
	<i>This quote is for 4 hours on location for the mobile bulk equipment, additional hours will be charged at \$196.00 (0% discount) per hour per truck on mobile bulk units only.</i>	
AccuDat Software	Superior records all jobs with our AccuDat acquisition software. It is capable of recording pressures, rates, and densities simultaneously. AccuDat shows graphs and digital displays as the job is happening. After the job a post job report can be printed out and given to the customer.	
Wellsite Services	A derrick charge of \$886 can be applied when the plug container is more than 10 ft off the rig floor, a \$2220 charge for circulating equipment requested before the crew arrives, and a \$123 charge for a plug container left on the well. All are subject to the appropriate discount.	
Technical Services	Superior Provides may other services at no charge. Included in that are pressurized mud scales, Cement Job Simulation (requested), Wet and Dry Samples, and Cementing Lab testing when applicable.	
Personnel Services	Superior's personnel are provided at no charge for this job	



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BREAK THROUGH

July 8, 2011

JERRY OGLE
RUSTY RAYBORN

The services and materials quoted are based on the best information available at the time that this quotation was prepared. When the actual work is performed the amounts and types of services and materials may require adjustments from this quotation. Actual amounts and types of services and materials will be charged at the time the work is performed. Unit prices from Superior's current price list and discounts quoted are applied as per this quotation, unless otherwise noted.

This quotation is for the materials and services presented under this cover letter. The prices and discounts are based on Superior being awarded the work on a first call basis. Prices maybe adjusted if the work is not on a first call basis. Prices are valid for a period of 3 months following this quotation. Taxes, if any, will be applied to the actual invoice.

All services and materials sold and provided by Superior are subject are General Terms and Conditions, which includes warranty and limited liability provisions. It is agreed between both parties that all materials and services are furnished within the Superiors' General Terms and Conditions and customary Work Order Agreement.

Sincerely

JOEY BITTEL

Superior Well Services

CEMENT QUALITY CONTROL SHEET

COMPANY: Primexx Operating

DATE: 7/10/2011

LEASE: Boor 4-1

TICKET: _____

SERVICE SUPERVISOR'S SIGNATURE: _____

CREW: _____

BULK PLANT LOCATION _____

Clinton, OK

NAME OF LOADER: _____

Greg Martin

WAS BULK TRUCK/BIN BLOWN DOWN BEFORE LOADING:

YES NO

IF PUT IN FIELD BIN, WAS BIN BLOWN DOWN:

YES NO

MSDS PROVIDED:

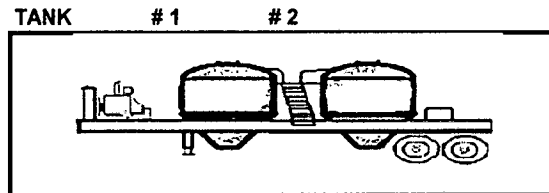
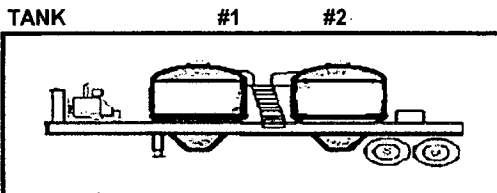
YES NO

UNIT # 3776

UNIT # _____

DRIVER # _____

DRIVER # _____



SACKS: ~~100~~ 115

SACKS: ~~100~~ 115

SACKS: _____

SACKS: _____

CEMENT ADDITIVES

Class A Cement	Class A Cement
2% Calcium Chloride	2% Calcium Chloride
.25 lb/sk Super Flake	.25 lb/sk Super Flake

DRY SAMPLE DRY SAMPLE:

CEMENT ADDITIVES

DRY SAMPLE: DRY SAMPLE:

STAGE # 1

	LEAD	TAIL
SKS	_____	_____
H2O/SK	_____	_____
FT3/SK	_____	_____
# / GAL	_____	_____

SLURRY DATA

STAGE # 2

	LEAD	TAIL
SKS	_____	_____
H2O/SK	_____	_____
FT3/SK	_____	_____
# / GAL	_____	_____

PRE-JOB CHECKLIST

MSDS LEFT ON LOCATION: YES NO

SLURRY & JOB REVIEWED WITH COMPANY REP: _____

SAFETY MEETING HELD: _____ YES/NO

CLEAN UP SITE DISCUSSED: _____ YES/NO

SPACERS DISCUSSED: _____ TYPE _____

DISPLACEMENTS DISCUSSED _____ TYPE _____ VOLUME _____ BBLs

FLOATING EQUIPMENT VERIFIED BY CUSTOMER: _____

DV TOOL/PLUG SET CALIPERED YES/NO

WAS VOLUME OF MIXING H2O CHECKED: _____ YES/NO

WAS CEMENT & ADDITIVES RETURNED YES/NO HOW MUCH? _____

PIPE SIZE _____ " _____ #/FT

PIPE SIZE _____ " _____ #/FT

PIPE SIZE _____ " _____ #/FT

THREAD TYPES

AT SURFACE _____

AT DV TOOL _____

AT FLT EQUIP _____

POST-JOB RESULTS

LANDED PLUG? _____

FLOAT HELD? _____

COMMENTS _____

Cement Report**Client Information**

Client Reference	prim1
Client	CHESAPEAKE OPERATING INC
Address	primexx operating po box 768
City State Zip	jonesboro,tx 76458
Representative	jerry ogle

Lease/Project/Well Information

Job Type	Casing Cement Job - 8 5/8
Lease or Project	boor
Lease Number	4-1
Physical Location	4-35s-5w
County	HARPER
State	KS
Country	usa

Service Center Information

Service Center	Clinton
Location Code	41
SWSI Entity	Superior Well Services
Location Address	22096 Hwy 73 West
City State Zip	Clinton OK 73601
Phone	580-323-0058-

Pre-Job Information**Well Information**

Casing Size	8 5/8
Casing Weight	24
Casing Connection	8rd
Casing I.D.	
Hole Size	12 1/4
Calculated Annular Excess %	109
BHST	85
T.D.	228
Casing Length	40
Shoe Joint	42
Float Collar	186
Calculated T.O.C.	228
Previous Casing Depth	
Previous Casing Size	
Previous Casing Weight	
Drill Pipe Size	

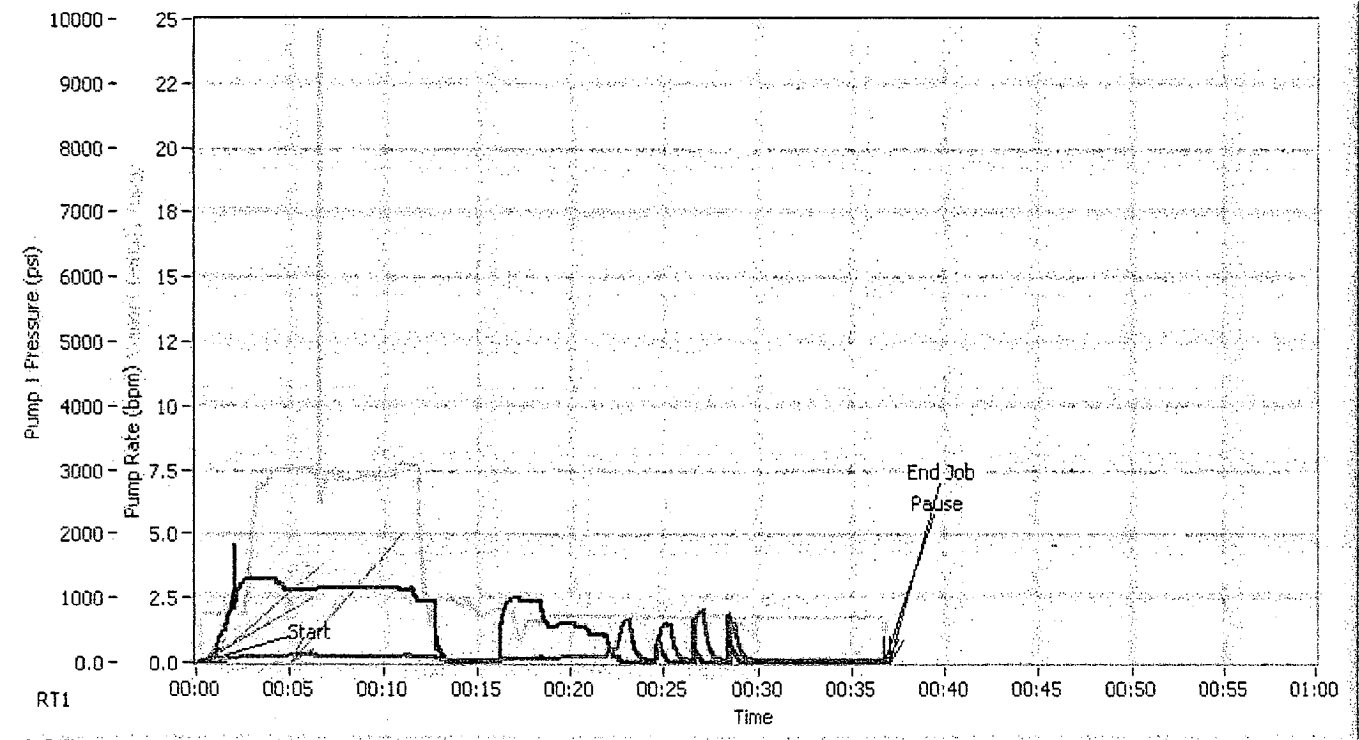
Drill Pipe Weight

Call-Out Information

Service Center(s)	CLINTON OKLAHOMA
Bulk Location(s)	CLINTON OKLAHOMA
Pumping Equipment	0465-3200
Auxilliary Equipment	1 bulk truck
Time Called Out	1400
Time On Location	1700
Planned Time of Job	
Weather Conditions	HOT!!

[1] New Stage Surface Casing

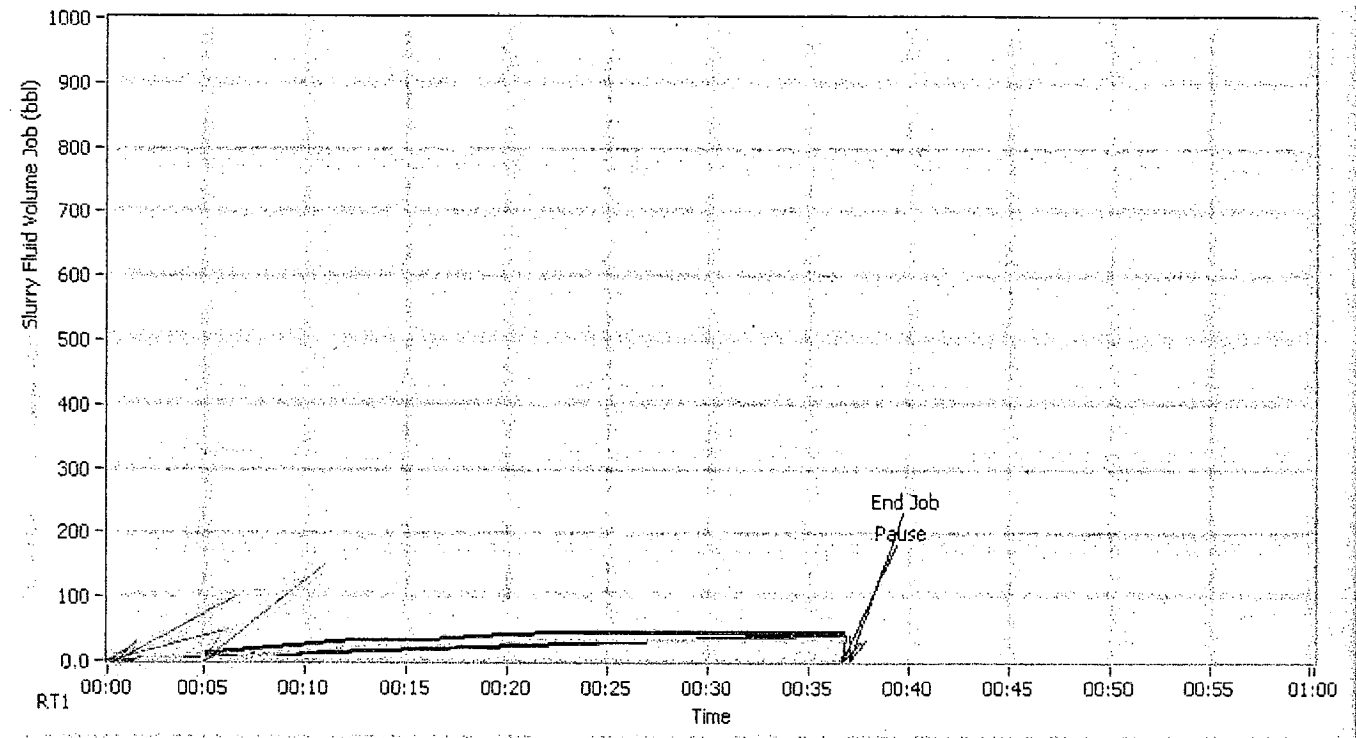
[1] New Stage Surface Casing - Recorded Time Plot 1



[1] New Stage Surface Casing - Recorded Time Plot 1



[1] New Stage Surface Casing - Recorded Time Plot 2



[1] New Stage Surface Casing - Recorded Time Plot 2

[1] New Stage Surface Casing - Total(s)

Time	Comment	SLRY VOL STG-bbls	SLRY VOL TOT-bbls
18:00:00			
23:38:08	Test Lines	0.0	0.0
23:38:35	Pump H2O	0.0	0.0
23:42:55	Pump Lead Cmt.	10.5	10.5
00:17:12		33.0	43.5

[1] New Stage Surface Casing - Job Log

Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
23:38:08	Test Lines	1.87	0.0	0.0	0.0	39
23:38:09		1.87	0.0	0.0	0.0	39
23:38:35	Pump H2O	1.87	0.0	0.0	0.0	39
23:38:35		1.87	0.0	0.0	0.0	39
23:42:55	Pump Lead Cmt.	7.51	2.8	10.5	10.5	109
23:42:55		7.51	2.8	0.0	10.5	109
00:17:11	End Job	1.75	0.0	33.0	43.5	31

[1] New Stage Surface Casing - Key & Unit(s)

Name	Abbreviation	Units
Pump 1 Pressure	PUMP1p	psi



Name	Abbreviation	Units
Pump Rate	PUMP RATE-bpm	bpm
Pump 1 Rate	PUMP1f	bpm
Pump 2 Rate	PUMP2f	bpm
Cement Density	DENSITY-ppg	ppg
Slurry Fluid Volume Stage	SLRY VOL STG-bbls	bbl
Slurry Fluid Volume Job	SLRY VOL TOT-bbls	bbl
Pump 1 Pressure	PUMP1p	psi

Post-Job Information

Post Job Summary

Pressure Test	1000
Initial Circulating Rate	3
Initial Circulating Pressure	130
Lead Slurry Sacks	230
Lead Slurry Volume	48.7
Tail Slurry Sacks	
Tail Slurry Volume	
Bottom Plug Displacement	
Top Plug Displacement	11.8
Cmt Vol Circulated to Surface	2
Average Displacement Rate	3
Final Circulating Rate	3
Final Circulating Pressure	100
Plug Bumped?	yes
Pressure When Plug Bumped	100 to 600
Floats Hold?	yes got 1 bbl back
	thank you daniel carter and crew

Disclaimer

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND SUPERIOR WELL SERVICES (SUPERIOR) CANNOT AND DOES NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS. SUPERIOR EXCLUDES AND DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, AMONG OTHERS, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEPT FOR WARRANTY OF TITLE. SUPERIOR DOES NOT GUARANTEE OR WARRANT: (1) THAT ITS CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA SUPPLIED BY SUPERIOR IS ABSOLUTELY ACCURATE DUE TO THE NUMEROUS VARIABLES WITHIN A WELL; (2) OR THE EFFECTIVENESS OF THE PRODUCT OR THE RESULT OF ITS' USE. THE REMEDY OF THE CUSTOMER IN ANY CLAIM OR LITIGATION ARISING FROM THE SALE OR USE OF ITS PRODUCT IS EXPRESSLY LIMITED TO THE REPLACEMENT COST OF THE PRODUCT. SELLER SHALL NOT BE LIABLE TO CUSTOMER OR ANY OTHER PARTY FOR ANY OTHER DAMAGES, INCLUDING BUT NOT LIMITED TO, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR WHATEVER. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR CURRENT GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.





COMPANY PRIMEXX OPERATING			FACILITY CLINTON		API Number GET FROM CUST.		DATE July 10, 2011		
CONTRACTOR DAN DARLING #1			TOWN WAKITA		STATE OK		LEGAL DESCRIPTION SEC. 4-35S-5W		
LEASE / WELL NUMBER BOOR #4-1			Ticket Number 41-000000		COUNTY HARPER		MILEAGE ONE WAY 150		
DIRECTIONS HWY 11 & RED HILL ROAD - GO 13 MILES NORTH TO THE KANSAS STATE LINE (THERE WILL BE A "T") - GO 1/2 MILE EAST ON CR SE 106 TO BLUFF RD - GO 2 MILES NORTH ON BLUFF RD TO SE 90 - GO 1.25 MILES EAST ON SE 90 - NORTH INTO LOCATION									
Pumping Services	<input checked="" type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Longstring <input type="checkbox"/> Plug Back <input type="checkbox"/> Conductor <input type="checkbox"/> Liner <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input type="checkbox"/> Other <input type="checkbox"/> H2S								
	Casing Size/Weight	Thread	Tbng/DP Size	Thread	Plug. Cont.	Swage	Top Plug	Bottom Plug	% Excess
	8 5/8" / 24#	8RD			X	X	X		109
	Number and Type Units 1 - PUMP TRUCK, 1 - BULK TRUCK						BHST 85	BHCT 80	Hole Size 12 1/4
Remarks HAVE A SAFE JOB!						Depth-TMD 250	Depth-TVD 250	Mud Weight/Type 9.0# WBM	
Cementing Materials	CEMENT	# of Sacks	Type	Additives					
		230	CLASS A	2% CALCIUM CHLORIDE + 0.25 LB/SK SUPER FLAKE					
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk					
	15.6	1.19	5.20						
	# of Sacks	Type	Additives						
			Job # 4579						
	Weight PPG	Yield Ft3/Sk	Water Gal/Sk	8240					
			Job # 6235847						
	Weight PPG	Yield Ft3/Sk	Water Gal/Sk	So # 159000227425					
Spacer or Flush	Quantity	Type	REMARKS						
	10 BBL	FRESH WATER	SPACER						
Spacer or Flush	Quantity	Type	Additives						
Other	Quantity	Type	Additives						
	13 BBL	FRESH WATER	DISPLACEMENT (ALWAYS REFIGURE ON LOCATION)						
Remarks/HSE	TAKE 8 5/8 PLUG CONTAINER + MANIFOLD + 8 RD BOWEL + TAKE TOP RUBBER PLUG + TAKE 10 GALS OF NO FOAM + CIRCULATING IRON, SWADGE, AND FLOAT EQUIPMENT ALREADY ON LOCATION(C.NEWMAN) + TALK WITH CUSTOMER ABOUT PROCEDURES								
Sales Items	Casing Size	Casing Weight	Thread						
	8 5/8	24#	8RD						
	Guide Shoe	Float Shoe	Float Collar	Insert Float Valve					
	1			1					
	Centralizers - Number	Size	Type						
	3	8 5/8 X 12 1/4							
Well Cleaners - Number	Type	MSC (DV Tool)	MSC Plug Set						
Limit Clamps	Weld-A	Other							
	1			BALL FOR INSERT					
Customer Rep. JERRY OGLE		Phone Number 580-541-9124		Fax		Time of Call W/C			
Call Taken By JOEY BITTEL						Time Ready W/C			



SUPERIOR WELL SERVICES

WEST-AUG-10a-SALES & SERVICE TICKET

TICKET

41- 000000

DATE

7/19/2011

PAGE

1

of

1

CHARGE TO

PRIMEXX OPERATING

LEASE NAME OR PROJECT

BOOR 4-1

ADDRESS

4849 GREENVILLE AVE SUITE 1600

STATE

KS

COUNTY

HARPER

ADDRESS

DALLAS TEXAS, 75206

FIELD

SEC 4-35S-5W

WELL PERMIT NUMBER

OWNER

PRIMEXX OPERATING

SERVICE ENGINEER

AFE / PURCHASE ORDER / CONTRACT / REFERENCE

JOB TYPE

5.5 PRODUCTION

ON LOCATION

COMPLETED

TIME

DATE

7/19/2011

TIME

DATE

SIGNATURE

X

NAME (PLEASE PRINT)

JERRY OGLE

I have read, understood and agreed to the terms and conditions printed on the reverse side hereof which include, but are not limited to, LIMITED WARRANTY, INDEMNITY, RELEASE and PAYMENT and represent that I have full power and authority to execute this agreement.

LOC	ITEM REFERENCE	QTY	DESCRIPTION	DISC ACCT	UNIT PRICE	AMOUNT
-	20-200-0001	300	Mileage DOT Units - Cmt - per unit, per mile, one way	69.00	7.60	2,280.00
-	20-200-0002	150	Mileage non-DOT Units -Cmt - per unit, per job	69.00	4.30	645.00
-	20-220-0055	1	Depth Pumped 5,001' to 5,500' - first 4 hours, per unit	69.00	4,410.00	4,410.00
-	20-299-0008	1	AccuDat Recording System- each, per job	69.00	1,230.00	1,230.00
-	20-299-0010	1	High Energy Mix System (HEMS) - each, per job	69.00	746.00	746.00
-	20-200-0008	30,000	Bulk Cement Delivery - per sack, per one way mile	69.00	0.18	5,400.00
-	20-215-0001	200	Bulk Blending Service - per sack	69.00	3.20	640.00
-	20-299-0007	1	Plug Container HP or Double - each, per job	69.00	710.00	710.00
-	50-760-0055	1	Rubber Plug Top 5-1/2 - each	69.00	223.00	223.00
-	25-315-0020	10	No Foam 2 - per gallon	69.00	141.00	1,410.00
-	25-305-2000	200	Cement-Premium "H" - per sack	69.00	45.75	9,150.00
-	25-300-0003	1,639	Sodium Chloride-Salt (NaCl) - per pound	69.00	1.07	1,753.73
-	25-315-0001	94	Air Out - per pound	69.00	13.60	1,278.40
-	25-335-0003	1,504	Gilsonite - per pound	69.00	1.50	2,256.00
-	25-300-0001	1,880	Gypsum Cement 60 - per pound	69.00	1.69	3,177.20
-	25-320-0200	113	Super FL-200 - per pound	69.00	26.10	2,949.30
-	20-220-1000	-	Depth Add Hrs - Stand-by - per unit, per hour		514.00	-
-	20-200-0020	-	Delivery Additional Hours - Cmt - per unit, per hour		196.00	-
-	50-775-0055	1	Stop Ring 5-1/2 - each	45.00	77.30	77.30
-	50-740-0055	1	Guide Shoe 5-1/2 - each	45.00	410.00	410.00
-	50-730-0055	1	Float Collar 5-1/2 - each	45.00	1,290.00	1,290.00
-	50-725-0557	15	Centralizer 5-1/2 X 7-7/8 - each	45.00	98.40	1,476.00
-	50-750-0001	2	Thread Lock - each	45.00	153.00	306.00
-	20-299-0036	1	Derrick Charge (>10 feet) - per job		886.00	886.00

RECEIVED
FEB 06 2012
KCC WICHITA

Continuation Page \$

CUSTOMER OR AGENT SIGNATURE / COMMENTS

X

Subtotal	\$	22,703.93
Special Discount	0.00%	\$ -
Line Item Discounts		(28,000.14)
Special Allowance \$ (2,600.00)		2,600.00
Subtotal	\$	17,303.79
Fuel Surcharges	2.35%	406.64
AMOUNT DUE ==>	\$	17,710.43

Receipt: The customer or customer's agent acknowledges that the equipment, materials and services were received as listed on this field ticket.

Unless satisfactory credit terms have been established prior to services payment in advance may be required. All invoices rendered for services performed by Superior Well Services shall be paid as indicated on the invoice within thirty days (30) from date of receipt. If not paid within thirty (30) days the unpaid amount is subject to interest at one and one half percent (1 1/2%) per month (eighteen percent per annum). All discounts indicated on the invoice are based upon payment within the invoice payment term and are subject to being cancelled by Superior Well Services if not paid within terms. If it should be necessary to employ an attorney to collect the amount due, you will be held liable for attorneys' fees and collection costs. Superior Well Services, price book is incorporated herein by reference, which also contains all invoice payment terms.



BREAK THROUGH.



Superior Well Services

22096 West Highway 73
Clinton, Oklahoma 73601

Office: 580 323 0058

Fax: 580 323 8629

www.swsi.com

BREAK THROUGH

Primary Cementing Proposal

PRIMEXX OPERATING

BOOR #4-1

5 1/2 IN PRODUCTION CASING

Well Location

Field: SEC. 4-35S-5W
County: HARPER
State: KS

Rig Name: **DAN D #1**

Well Information

Casing Size: 5 1/2 [in]
Casing Depth: 5233 [ft]
TVD: 5233 [ft]
O.H. Size: 7 7/8 [in]
O.H. Depth: 5233 [ft]

Water Estimates

Spacer: 0.0 [bbls]
Total Mix Water: 39.5 [bbls]
Displacement: 124.1 [bbls]
Wash up: 30.0 [bbls]

Total Water Estimate: 193.5 [bbls]



Pvs. Casing Size: 8 5/8 [in]
Pvs. Casing Depth: 235 [ft]
BHST: 132.3 [°F]
BHCT: 108 [°F]

BREAK THROUGH

Prepared For: JERRY OGLE
RUSTY RAYBORN

Date Prepared: 7/18/11

Prepared By: JOEY BITTEL

Phone: 580-530-1201

Fax: 580-323-8629

Email: Josech.Bittel@nabors.com

DISCLAIMER OF LIABILITY: With respect to this report, neither Superior Well Services nor any of their employees, makes any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.



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BREAK THROUGH

PRIMEXX OPERATING

BOOR #4-1

5 1/2 IN PRODUCTION CASING

Well Bore Information

Drilling Fluid 9.0 ppg Water Based Drilling Fluid

Spacers

Previous Casing Depth:
235 [ft]

Casing in Casing Factor:
0.1931 [cuft/ft]

Scavenger

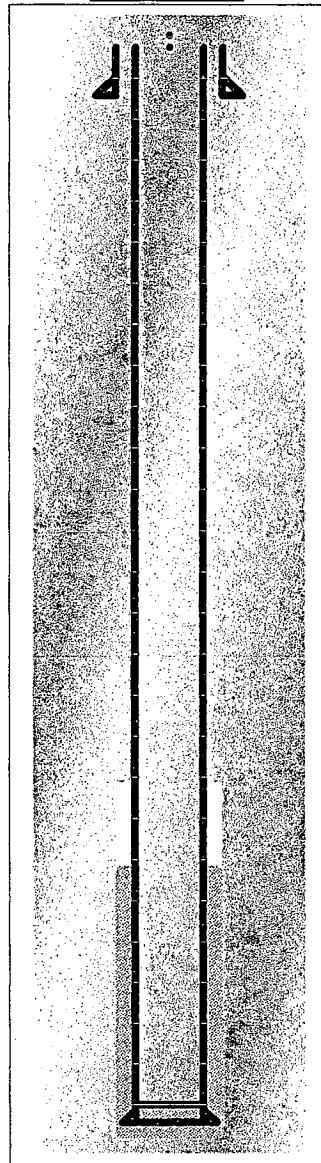
Top: 3585 [ft]
Fill: 415 [ft]
Excess: 0 %
Vol: 72 [cuft]

Differential Pressure
545 [psi]
[assumes vertical hole]

Total Annular Excess
26 %

Casing in OH1 Factor:
0.1733 [cuft/ft]
(Without Excess)

Casing Capacity Factor:
0.1342 [cuft/ft]



Tail Cement

Top: 4000 [ft]
Fill: 1233 [ft]
Excess: 26 %
Vol: 275 [cuft]

Shoe Track Length
44 [ft]

Measured Depth
5,233 [ft]

Note: Drawing may not be 100%
Accurate with different situations.

Displacement Volume: 124 [bbls]



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BREAK THROUGH.

PRIMEXX OPERATING

BOOR #4-1

5 1/2 IN PRODUCTION CASING

Mud / Cement Spacer System:

0 bbls @ 8.32 [lb/gal]

Scavenger

25 sks

Premium Class "H" + 10% Salt (NaCl) (BWOW) + 10% Gypsum - 60 + 0.5% Air-Out + 0.6% Super FL -200 + 8
LB/SK Gilsonite

Mix Weight: 12.0 [lb/gal]

Yield: 2.87 [cuft/sk]

Mix Water: 15.88 [gal/sk]

No Lead System

Tail System

150 sks

Premium Class "H" + 10% Salt (NaCl) (BWOW) + 10% Gypsum - 60 + 0.5% Air-Out + 0.6% Super FL -200 + 8
LB/SK Gilsonite

Mix Weight: 13.80 [lb/gal]

Yield: 1.83 [cuft/sk]

Mix Water: 8.40 [gal/sk]

Displacement Fluid

124 bbls of Water

Always refigure on location!!!!





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BREAK THROUGH

Price Code	Description	Amount	Units of Sale	Unit Cost	Total Cost
20-200-0001	Mileage DOT Units - Cmt - per unit, per mile, one way	300	ut-mi	\$ 7.60	\$ 706.80
20-200-0002	Mileage non-DOT Units -Cmt - per unit, per job	150	ut-mi	\$ 4.30	\$ 199.95
20-220-0055	Depth Pumped 5,001' to 5,500' - first 4 hours, per unit	1	unit	\$ 4,410.00	\$ 1,367.10
20-299-0008	AccuDat Recording System- each, per job	1	ea	\$ 1,230.00	\$ 381.30
20-200-0008	Bulk Cement Delivery - per sack, per one way mile	26250	sk-mi	\$ 0.18	\$ 1,464.75
20-215-0001	Bulk Blending Service - per sack	175	sk	\$ 3.20	\$ 173.66
20-299-0007	Plug Container HP or Double - each, per job	1	ea	\$ 710.00	\$ 220.10
20-299-0010	High Energy Mix System (HEMS) - each, per job	1	ea	\$ 746.00	\$ 231.26
25-315-0020	No Foam 2 - per gallon	5	gal	\$ 141.00	\$ 218.55
50-760-0055	Rubber Plug Top 5-1/2 - each	1	ea	\$ 223.00	\$ 69.13
25-305-2000	Cement-Premium 'H' - per sack	175	sk	\$ 45.75	\$ 2,482.73
25-300-0003	Sodium Chloride-Salt (NaCl) - per pound	1379	lb	\$ 1.07	\$ 457.32
25-315-0001	Air Out - per pound	82	lb	\$ 13.60	\$ 346.88
25-335-0003	Gilsonite - per pound	1400	lb	\$ 1.50	\$ 651.21
25-300-0001	Gypsum Cement 60 - per pound	1646	lb	\$ 1.69	\$ 862.09
25-320-0200	Super FL-200 - per pound	99	lb	\$ 26.10	\$ 798.84

Fuel Surcharge - as applied

1 ea \$ 857.39 \$ 265.79

Gross Price \$ 35,153.08

Discounted Price \$ 10,897.46

Items not Requested

Price Code	Description	Amount	Units of Sale	Unit Cost	Total Cost
50-740-0055	Guide Shoe 5-1/2 - each	1	ea	\$ 410.00	\$ 410.00
50-730-0055	Float Collar 5-1/2 - each	1	ea	\$ 1,290.00	\$ 1,290.00
50-725-0557	Centralizer 5-1/2 X 7-7/8 - each	15	ea	\$ 98.40	\$ 1,476.00
50-750-0001	Thread Lock - each	2	ea	\$ 153.00	\$ 306.00
50-775-0055	Stop Ring 5-1/2 - each	1	ea	\$ 77.30	\$ 77.30

45.00 % Special Discount Applied \$ 1,957.62

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BREAK THROUGH.

Superior Chemical Descriptions

Chemical	Description
Premium Class "H"	API Class "H" Portland Cement [94 lbs/sk]
Salt (NaCl)	Sodium Chloride Salt used for may functions
Air-Out	Anti-foam agent used to prevent general foaming. Air Out has no effect on cement properties and it is compatible with all API classes of cement and additives.
Gilsonite	Low density (SG=1.07) asphaltite mineral extender made up of black angular solids used to prepare lower density cements.
Gypsum - 60	Gypsum cement additive used for thixotropic cements or its expansive properties.
Super FL -200	Powdered polysccharide derivative type fluid loss agent for applications up to 220 F, also effective with salt concentrations up to 18%.





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BREAK THROUGH

Superior Equipment and Personnel Requested

Well Head Connection

5 1/2" Cement Head

Single Plug Pull Pin Style with Quick Latch
Bowl type connection

This bid includes the use of Superior's circulating equipment (5 loops, 2 chucks, and the appropriate swage) to be used at the request of the client. The co-rep should give Superior 24 hrs notice to get the equipment delivered to location.

Cement Pump Truck

1 Superior tractor trailer mounted cement double pump. Superiors tractor trailer cement pumps consist of a recirculating jet mixer, non-radioactive densiometer, 2 high pressure triplex pumps, and data ports to record pressures, rates and densities with Superior's AccuDat software.

This quote is for 4 hours on location, after that time any down hole pump will be charged at \$575.00 (0% discount) per hour and any standby pump at \$514.00 per hour .

Cement Bulk Units

Superior Tractor Trailer style bulk trucks with 2 330 cuft bulk material bottles.

This quote is for 4 hours on location for the mobile bulk equipment, additional hours will be charged at \$196.00 (0% discount) per hour per truck on mobile bulk units only.

AccuDat Software

Superior records all jobs with our AccuDat acquisition software. It is capable of recording pressures, rates, and densities simultaneously. AccuDat shows graphs and digital displays as the job is happening. After the job a post job report can be printed out and given to the customer.

Wellsite Services

A derrick charge of \$886 can be applied when the plug container is more than 10 ft off the rig floor, a \$2220 charge for circulating equipment requested before the crew arrives, and a \$123 charge for a plug container left on the well. All are subject to the appropriate discount.

Technical Services

Superior Provides may other services at no charge. Included in that are pressurized mud scales, Cement Job Simulation (requested), Wet and Dry Samples, and Cementing Lab testing when applicable.

Personnel Services

Superior's personnel are provided at no charge for this job



Superior Well Services

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BREAK THROUGH.

July 18, 2011

JERRY OGLE
RUSTY RAYBORN

The services and materials quoted are based on the best information available at the time that this quotation was prepared. When the actual work is performed the amounts and types of services and materials may require adjustments from this quotation. Actual amounts and types of services and materials will be charged at the time the work is performed. Unit prices from Superior's current price list and discounts quoted are applied as per this quotation, unless otherwise noted.

This quotation is for the materials and services presented under this cover letter. The prices and discounts are based on Superior being awarded the work on a first call basis. Prices may be adjusted if the work is not on a first call basis. Prices are valid for a period of 3 months following this quotation. Taxes, if any, will be applied to the actual invoice.

All services and materials sold and provided by Superior are subject to our General Terms and Conditions, which includes warranty and limited liability provisions. It is agreed between both parties that all materials and services are furnished within the Superiors' General Terms and Conditions and customary Work Order Agreement.

Sincerely

JOEY BITTEL

Cement Report**Client Information**

Client Reference	PRIMEXX
Client	LINN OPERATING INC
Address	4849 GREENVILLE AVE SUITE 1600
City State Zip	DALLAS TEXAS 75206
Representative	JERRY OGLE

Lease/Project/Well Information

Job Type	Casing Cement Job - 5 1/2
Lease or Project	BOOR
Lease Number	4-1
Physical Location	SEC 4-35S-5W
Township	WAKITA
County	HARPER
State	KS
Country	LINCOLN

Service Center Information

Service Center	Clinton
Location Code	41
SWSI Entity	Superior Well Services
Location Address	22096 Hwy 73 West
City State Zip	Clinton OK 73601
Phone	580-323-0058

Pre-Job Information**Well Information**

Casing Size	5 1/2
Casing Weight	15.5
Casing Connection	8 RD
Casing I.D.	4.0987
Hole Size	7 7/8
Calculated Annular Excess %	25
BHST	136
T.D.	5233
Casing Length	5233
Shoe Joint	42
Float Collar	5191
Calculated T.O.C.	
Previous Casing Depth	90
Previous Casing Size	20
Previous Casing Weight	92 #
Drill Pipe Size	4.5

Drill Pipe Weight

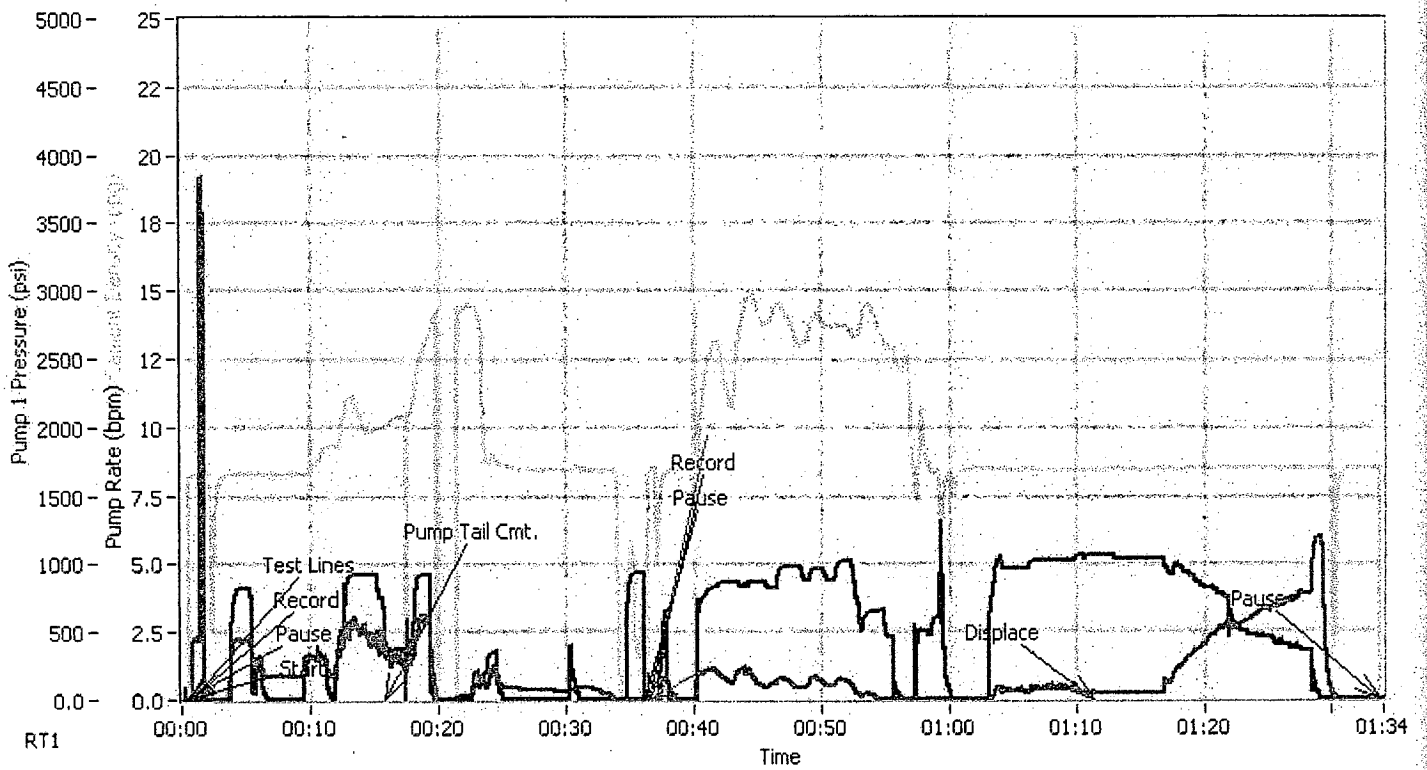
16

Call-Out Information

Service Center(s)	CLINTON OKLAHOMA
Bulk Location(s)	CLINTON OKLAHOMA
Pumping Equipment	3147-3259
Auxilliary Equipment	BULK TRUCKS
Time Called Out	0500
Time On Location	1100
Planned Time of Job	DAY
Weather Conditions	VERY HOT

Production Casing

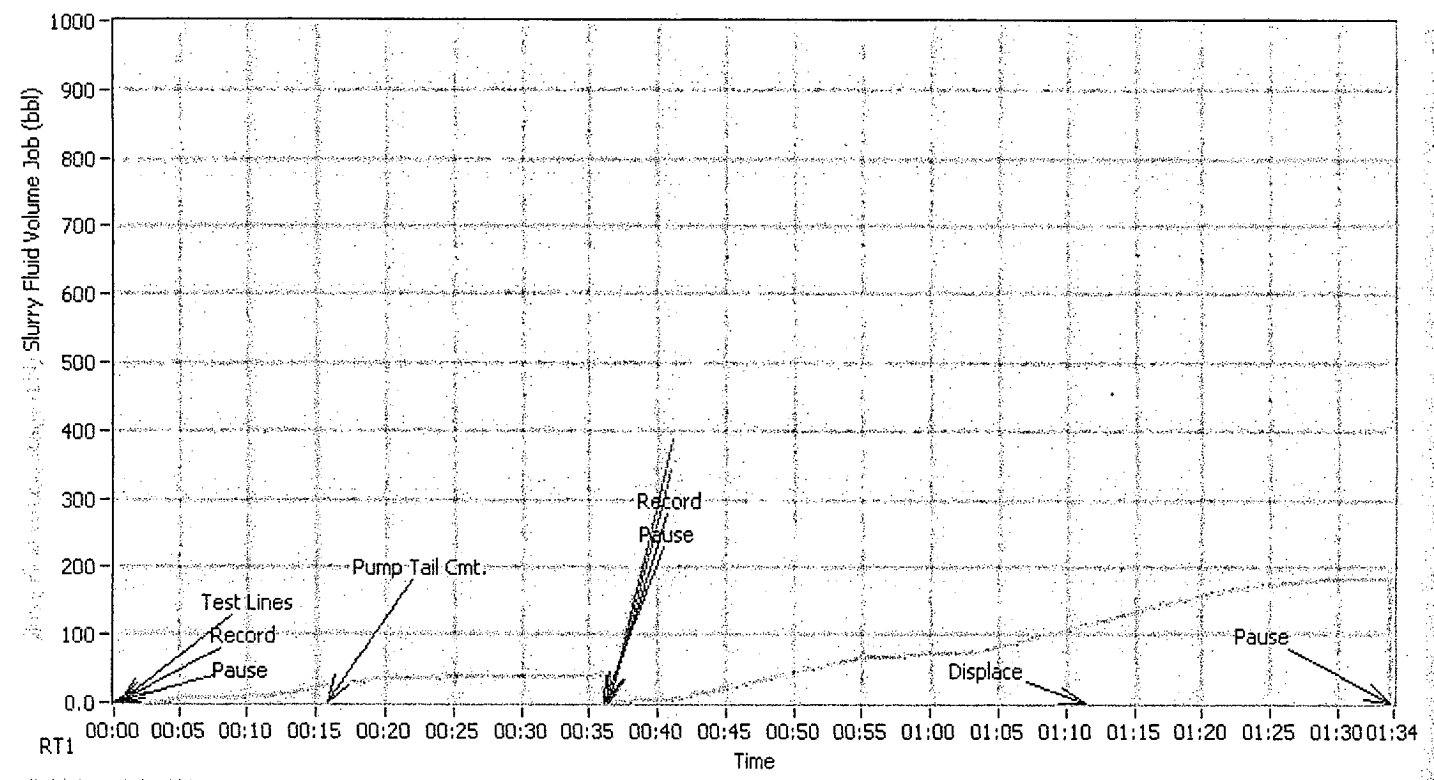
Production Casing - Recorded Time Plot 1



Production Casing - Recorded Time Plot 1



Production Casing - Recorded Time Plot 2



Production Casing - Recorded Time Plot 2

Production Casing - Total(s)

Time	Comment	SLRY VOL STG-bbls	SLRY VOL TOT-bbls
18:00:00			
21:16:11	Pump Scavenge Cmt.	0.0	43.5
21:16:17	Pump Scavenge Cmt.	0.0	0.0
22:14:30		179.7	179.8

Production Casing - Job Log

Time	Comment	DENSITY-ppg	PUMP RATE-bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
06:36:00	Drop Bottom Plug,	-0.84	0.5	0.0	0.0	-474
06:39:00	Drop Bottom Plug,	-0.85	0.5	0.0	0.0	-498
06:40:39	Drop Bottom Plug,	0.00	1.1	0.0	0.0	436
09:43:16	Drop Bottom Plug,	-0.27	0.8	0.0	0.0	269
10:21:10	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
10:24:10	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
10:27:11	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
10:30:11	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:33:11	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:36:11	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:39:11	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:42:11	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:45:12	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:48:12	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:51:12	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:54:12	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
10:57:13	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:00:13	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:03:13	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:06:13	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
11:09:13	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:12:14	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:15:14	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:18:14	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:21:15	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:24:15	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:27:15	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:30:15	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:33:15	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:36:16	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
11:39:16	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:42:16	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:45:17	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
11:48:17	Drop Bottom	-6.25	0.0	0.0	0.0	-2495



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
11:51:17	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
11:54:17	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
11:57:18	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:00:18	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:03:18	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:06:18	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:09:18	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:12:18	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:15:19	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:18:19	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:21:19	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:24:19	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:27:19	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:30:19	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:33:19	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:36:20	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:39:20	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:42:20	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:45:21	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:48:21	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
12:51:21	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:54:21	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
12:57:21	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
13:00:21	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
13:03:22	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495
13:06:22	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2500
13:09:22	Plug, Drop Bottom	-6.25	0.0	0.0	0.0	-2495



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
13:12:22	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:15:22	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:18:22	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
13:21:22	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
13:24:22	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
13:27:22	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:30:22	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
13:33:23	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:36:23	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:39:23	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:42:23	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:45:24	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:48:24	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2495
13:51:24	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
13:54:24	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
13:57:24	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
14:00:24	Drop Bottom Plug,	-6.25	0.0	0.0	0.0	-2500
14:03:24	Test Lines	8.15	0.0	0.0	0.0	0
14:06:25	Test Lines	8.12	0.0	0.0	0.0	0
14:09:25	Test Lines	8.15	0.0	0.0	0.0	0
14:12:25	Test Lines	8.15	0.0	0.0	0.0	0
14:15:25	Test Lines	8.12	0.0	0.0	0.0	0
14:18:26	Test Lines	8.14	0.0	0.0	0.0	0
14:21:26	Test Lines	8.16	0.0	0.0	0.0	0
14:24:26	Test Lines	8.22	0.0	0.0	0.0	0
14:27:26	Test Lines	8.24	0.0	0.0	0.0	0
14:30:27	Test Lines	8.23	0.0	0.0	0.0	0
14:33:27	Test Lines	8.21	0.0	0.0	0.0	0
14:35:02	Test Lines	8.21	0.0	0.0	0.0	0
14:36:27	Pump H2O	8.23	0.0	0.0	0.0	0
14:39:27	Pump H2O	8.30	4.1	5.3	5.2	447
14:42:28	Pump H2O	8.27	0.0	7.1	7.0	172
14:45:28	Pump H2O	9.22	1.6	9.6	9.6	298
14:48:28	Pump H2O	9.96	4.6	18.1	18.0	552
14:50:02	Pump Tail Cmt.	10.06	2.5	24.8	24.7	360
14:51:28	Shut down Drop Plug	10.36	1.9	27.5	27.4	291
14:54:28	Shut down Drop	-6.25	0.0	34.9	34.7	-2500



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbbs	SLRY VOL TOT-bbbs	PUMP1p
14:57:29	Plug Shut down Drop	13.98	0.4	35.3	35.2	132
15:00:29	Plug Shut down Drop	8.41	0.0	37.3	37.2	83
15:03:29	Plug Shut down Drop	8.41	0.0	37.3	37.2	64
15:06:29	Plug Shut down Drop	8.42	0.0	37.7	37.6	79
15:09:29	Plug Shut down Drop	5.69	4.7	39.6	39.5	0
15:12:30	Plug Shut down Drop	-2.47	4.9	43.6	43.5	0
15:15:30	Plug Shut down Drop	-0.00	4.4	43.6	43.5	0
15:18:30	Plug Shut down Drop	-0.00	5.8	43.6	43.5	0
15:21:30	Plug Shut down Drop	-6.25	0.0	43.6	43.5	-2500
15:24:30	Plug Shut down Drop	-0.00	2.4	43.6	43.5	0
15:27:30	Plug Shut down Drop	-0.00	3.4	43.6	43.5	0
15:30:31	Plug Shut down Drop	1.06	3.1	43.6	43.5	0
15:33:31	Plug Shut down Drop	-0.00	0.0	43.6	43.5	0
15:36:31	Plug Shut down Drop	0.59	1.0	43.6	43.5	0
15:39:31	Plug Shut down Drop	-6.22	0.0	43.6	43.5	-2500
15:42:31	Plug Shut down Drop	6.47	2.4	43.6	43.5	0
15:45:31	Plug Shut down Drop	8.19	3.8	43.6	43.5	0
15:48:31	Plug Shut down Drop	8.30	3.6	43.6	43.5	0
15:51:31	Plug Shut down Drop	-6.25	0.0	43.6	43.5	-2500
15:54:32	Plug Shut down Drop	0.04	0.2	43.6	43.5	0
15:57:32	Plug Shut down Drop	7.08	2.9	43.6	43.5	0
16:00:32	Plug Shut down Drop	-0.00	0.0	43.6	43.5	0
16:03:32	Plug Shut down Drop	-5.50	0.0	43.6	43.5	-2500
16:06:32	Plug Shut down Drop	-0.00	0.0	43.6	43.5	0
16:09:32	Plug Shut down Drop	-6.25	0.0	43.6	43.5	-2500
16:12:32	Plug Shut down Drop	-6.25	0.0	43.6	43.5	-2500
16:15:04	Plug Shut down Drop	-6.25	0.0	43.6	43.5	-2500



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
18:28:57	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:31:57	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:34:57	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:37:58	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:40:58	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:43:58	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:46:58	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:49:58	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:52:59	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:55:59	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
18:58:59	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:01:59	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:05:00	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:08:00	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:11:00	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:14:00	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:17:00	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:20:01	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:23:01	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:26:01	Shut down Drop Plug	-6.25	0.0	43.6	43.5	-2500
19:29:01	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
19:32:01	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
19:35:01	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
19:38:02	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
19:41:02	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
19:44:03	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
19:47:03	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
19:50:03	Pump Scavenge	-6.25	0.0	43.6	43.5	-2500



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
19:53:03	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
19:56:04	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
19:59:04	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:02:04	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:05:05	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:08:05	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:11:05	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:14:06	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:17:06	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:20:06	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:23:07	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:26:07	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:29:07	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:32:08	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:35:08	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:38:08	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:41:08	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:44:09	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:47:09	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:50:09	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:53:09	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:56:09	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
20:59:10	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
21:02:10	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
21:05:10	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
21:08:10	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500
21:11:10	Cmt. Pump Scavenge	-6.25	0.0	43.6	43.5	-2500



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
21:14:10	Pump Scavenge Cmt.	-6.25	0.0	43.6	43.5	-2500
21:16:11	Pump Scavenge Cmt.	8.42	0.0	0.0	43.5	0
21:16:12		8.42	0.0	0.0	43.5	0
21:16:17	Pump Scavenge Cmt.	8.45	0.0	0.0	0.0	0
21:16:19		8.46	0.0	0.0	0.0	0
21:17:10	Pump Tail Cmt.	7.38	1.1	0.1	0.1	0
21:20:11	Pump Tail Cmt.	8.91	3.3	2.0	2.0	200
21:23:11	Pump Tail Cmt.	12.61	4.3	14.4	14.4	192
21:26:11	Pump Tail Cmt.	14.45	4.1	27.1	27.0	123
21:29:11	Pump Tail Cmt.	14.07	4.8	41.2	41.2	173
21:32:11	Pump Tail Cmt.	13.41	5.0	55.5	55.5	110
21:35:12	Pump Tail Cmt.	12.87	2.3	65.1	65.2	0
21:38:12	Pump Tail Cmt.	8.62	2.5	68.4	68.5	0
21:41:12	Pump Tail Cmt.	8.43	0.0	72.6	72.7	0
21:44:12	Pump Tail Cmt.	8.45	4.8	78.5	78.6	66
21:47:13	Pump Tail Cmt.	8.44	5.1	93.3	93.3	76
21:50:13	Pump Tail Cmt.	8.41	5.3	108.8	108.8	51
21:51:10	Displace	8.44	5.3	113.8	113.8	50
21:53:13	Land Plug	8.45	5.2	124.6	124.6	46
21:56:13	Land Plug	8.46	5.2	140.2	140.3	44
21:59:14	Land Plug	8.51	4.4	154.6	154.7	370
22:02:14	Land Plug	8.49	2.7	166.2	166.3	534
22:05:14	Land Plug	8.47	2.2	173.4	173.5	688
22:08:14	Land Plug	8.49	1.8	179.3	179.4	787
22:11:15	Land Plug	8.49	0.0	179.7	179.8	0
22:14:15	Land Plug	8.47	0.0	179.7	179.8	0
22:14:28	End Job	8.47	0.0	179.7	179.8	0

Production Casing - Key & Unit(s)

Name	Abbreviation	Units
Pump 1 Pressure	PUMP1p	psi
Pump Rate	PUMP RATE-bpm	bpm
Pump 1 Rate	PUMP1f	bpm
Pump 2 Rate	PUMP2f	bpm
Cement Density	DENSITY-ppg	ppg
Slurry Fluid Volume Stage	SLRY VOL STG-bbls	bbl
Slurry Fluid Volume Job	SLRY VOL TOT-bbls	bbl
Pump 1 Pressure	PUMP1p	psi

Post-Job Information

Post Job Summary

Pressure Test	3000
Initial Circulating Rate	5
Initial Circulating Pressure	200
Lead Slurry Sacks	25
Lead Slurry Volume	12



Tail Slurry Sacks	175
Tail Slurry Volume	57
Bottom Plug Displacement	N/A
Top Plug Displacement	123
Cmt Vol Circulated to Surface	no
Average Displacement Rate	5
Final Circulating Rate	2
Final Circulating Pressure	900
Plug Bumped?	YES
Pressure When Plug Bumped	1500
Floats Hold?	YES

THANK YOU SCOTT MUSICK AND CREW
WEIGHED CEMENT WITH PRESSURIZED MUD SCALES

Disclaimer

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COMPANY PRIMEXX OPERATING		FACILITY CLINTON		API Number GET FROM CUST.	DATE July 19, 2011
CONTRACTOR DAN DARLING #1		TOWN WAKITA	STATE KS	LEGAL DESCRIPTION SEC. 4-35S-5W	
LEASE / WELL NUMBER BOOR #4-1		Ticket Number 15900015103	COUNTY HARPER	MILEAGE ONE WAY 150	
DIRECTIONS HWY 11 & RED HILL ROAD - GO 13 MILES NORTH TO THE KANSAS STATE LINE (THERE WILL BE A "T") - GO 1/2 MILE EAST ON CR SE 106 TO BLUFF RD - GO 2 MILES NORTH ON BLUFF RD TO SE 90 - GO 1.25 MILES EAST ON SE 90 - NORTH INTO LOCATION					

Pumping Services	<input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Longstring <input type="checkbox"/> Plug Back <input type="checkbox"/> Conductor <input type="checkbox"/> Liner <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input type="checkbox"/> Other <input type="checkbox"/> H2S								
	Casing Size/Weight 5 1/2" / 15.5#	Thread 8RD	Tbng/DP Size	Thread	Plug. Cont. X	Swage X	Top Plug X	Bottom Plug	% Excess 25
	Number and Type Units 1 - PUMP TRUCK, 1 - BULK TRUCK						BHST 138	BHCT 110	Hole Size 7 7/8
	Remarks HAVE A SAFE JOB!						Depth-TMD 5,233	Depth-TVD 5233	Mud Weight/Type 9.0# WBM

Cementing Materials	CEMENT	# of Sacks 25	Type CLASS H	Additives 10 % SALT (NACL) (BWOW) + 10 % GYPSUM- 60 + 0.5 % AIR OUT + 0.6 % SUPER FL -200 + 8 LB/SK GILSONITE			
		Weight PPG 12.0	Yield Ft3/Sk 2.87	Water Gal/Sk 15.88			
		# of Sacks 175	Type CLASS H	Additives 10 % SALT (NACL) (BWOW) + 10 % GYPSUM- 60 + 0.5 % AIR OUT + 0.6 % SUPER FL -200 + 8 LB/SK GILSONITE			
		Weight PPG 13.8	Yield Ft3/Sk 1.83	Water Gal/Sk 8.4			
		# of Sacks	Type	Additives			
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk			
		# of Sacks	Type	Additives			
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk			
		Spacer or Flush	Quantity 10 BBL	Type FRESH WATER	REMARKS SPACER		
		Spacer or Flush	Quantity	Type	Additives		
Other	Quantity 124 BBL	Type FRESH WATER	Additives DISPLACEMENT (ALWAYS REFIGURE ON LOCATION)				

Remarks/HSE	TAKE 5 1/2 PLUG CONTAINER + MANIFOLD + 8RD BOWEL + TAKE TOP RUBBER PLUG + TAKE 10 GALS OF NO FOAM + CIRCULATING IRON, SWADGE, & FLOAT EQUIPMENT ALREADY ON LOCATION(M.JAMES) + TALK TO CUSTOMER ABOUT PROCEDURES
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Sales Items	Casing Size 5 1/2	Casing Weight 15.5	Thread 8 RD
	Guide Shoe 1	Float Shoe	Float Collar 1
	Centralizers - Number 15	Size 5 1/2" X 7 7/8"	Type
	Well Cleaners - Number	Type	MSC (DV Tool)
	Limit Clamps 1	Weld-A 2	Other
	Remarks		

Customer Rep. JERRY OGLE	Phone Number 580-541-9124	Fax	Time of Call WIC
Call Taken By JOEY BITTEL			Time Ready WIC

5 hr - 520hr