

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 # 32153
Name: Primexx Operating Corporation
Address 1: Two Energy Square
Address 2: 4849 Greenville Ave., Ste. 1600
City: Dallas State: TX Zip: 75206 + _____
Contact Person: Andrea Molinar
Phone: (214) 369-5909
CONTRACTOR: License # 33132
Name: Dan Darling Drilling
Wellsite Geologist: Travis Wilson
Purchaser: Conoco Phillips

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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 #: _____

<u>10/19/2012</u>	<u>10/28/2012</u>	<u>12/01/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 077-21763-0000

Spot Description: _____

C SW SW Sec. 33 Twp. 34 S. R. 5 East West

660 Feet from North / South Line of Section

660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Harper

Lease Name: Greve Well #: 33-1

Field Name: Wildcat

Producing Formation: Mississippi

Elevation: Ground: 1272' Kelly Bushing: _____

Total Depth: 5350' Plug Back Total Depth: 5334'

Amount of Surface Pipe Set and Cemented at: 228 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

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: 6/05/2012

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: DJg Date: 6/15/12

Operator Name: Primexx Operating Corporation Lease Name: Greve Well #: 33-1
 Sec. 33 Twp. 34 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 checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <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>5350'</td> <td>1272'</td> </tr> </table>	Name	Top	Datum	Mississippi	5350'	1272'
Name	Top	Datum					
Mississippi	5350'	1272'					

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 Casing	12 1/4	8 5/8	24#	228'	Standard A	300	2 % CC Superflake
Production casing	7 7/8	5 1/2	15.5#	5350'	Class H	260	10% Salt & 10% Gypsum
Salt							

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
2 SPF	5064' -5092'	RECEIVED JUN 08 2012 KCC WICHITA	
		4,000 gallons of 15% NeFe HCL, 63,000 gallons of 3% Gel, 256,540# 40/70 Ottawa Sand, 49,000# 20/40 Resin Coated Sand	

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>5071'</u> Packer At: <u>4978'</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>20</u>	Gas Mcf <u>-</u> Water Bbls. <u>291</u> Gas-Oil Ratio <u>-</u> Gravity <u>40</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>5064' - 5092'</u>
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Cement Report

Client Information

Client Reference	PR
Client	Primexx Operating
Address	4849 Greenville Ave 1600
City State Zip	Dallas TX. 75206
Representative	Jerry Ogle

Lease/Project/Well Information

Job Type	Casing Cement Job - 8 5/8
Lease or Project	M & M Greve
Lease Number	33-1
Physical Location	33-35S-5W
County	KIOWA
State	KS

Alternative

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	5.5
Casing Weight	15.5
Casing Connection	stc 8 round
Casing I.D.	
Hole Size	7 7/8
Calculated Annular Excess %	25
BHST	141
T.D.	5350
Casing Length	5350
Shoe Joint	40
Float Collar	5310
Calculated T.O.C.	2697
Previous Casing Depth	
Previous Casing Size	8 5/8
Previous Casing Weight	24
Drill Pipe Size	4.5
Drill Pipe Weight	16.6

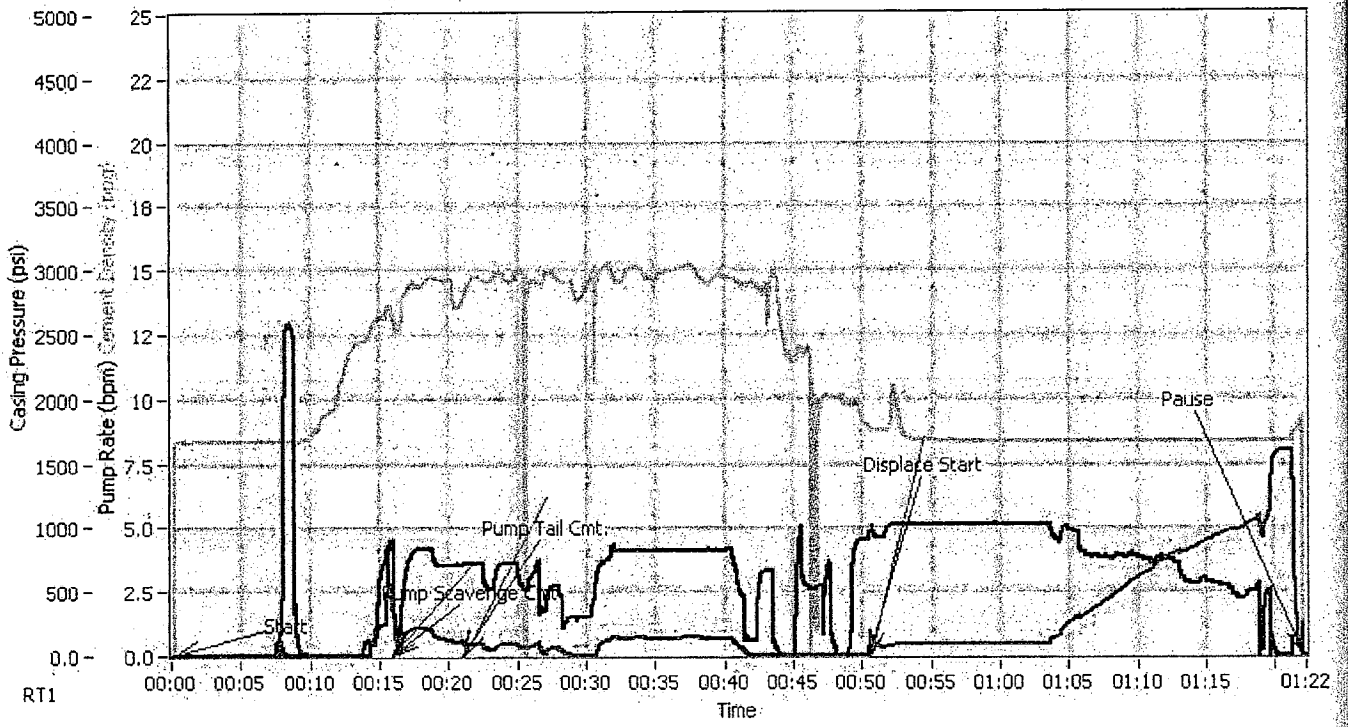
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Call-Out Information

Service Center(s)	Clinton OK
Bulk Location(s)	Same
Pumping Equipment	3002
Auxilliary Equipment	3781
Time Called Out	0130
Time On Location	0600
Planned Time of Job	AM
Weather Conditions	90

[1] New Stage

[1] New Stage - Recorded Time Plot 1

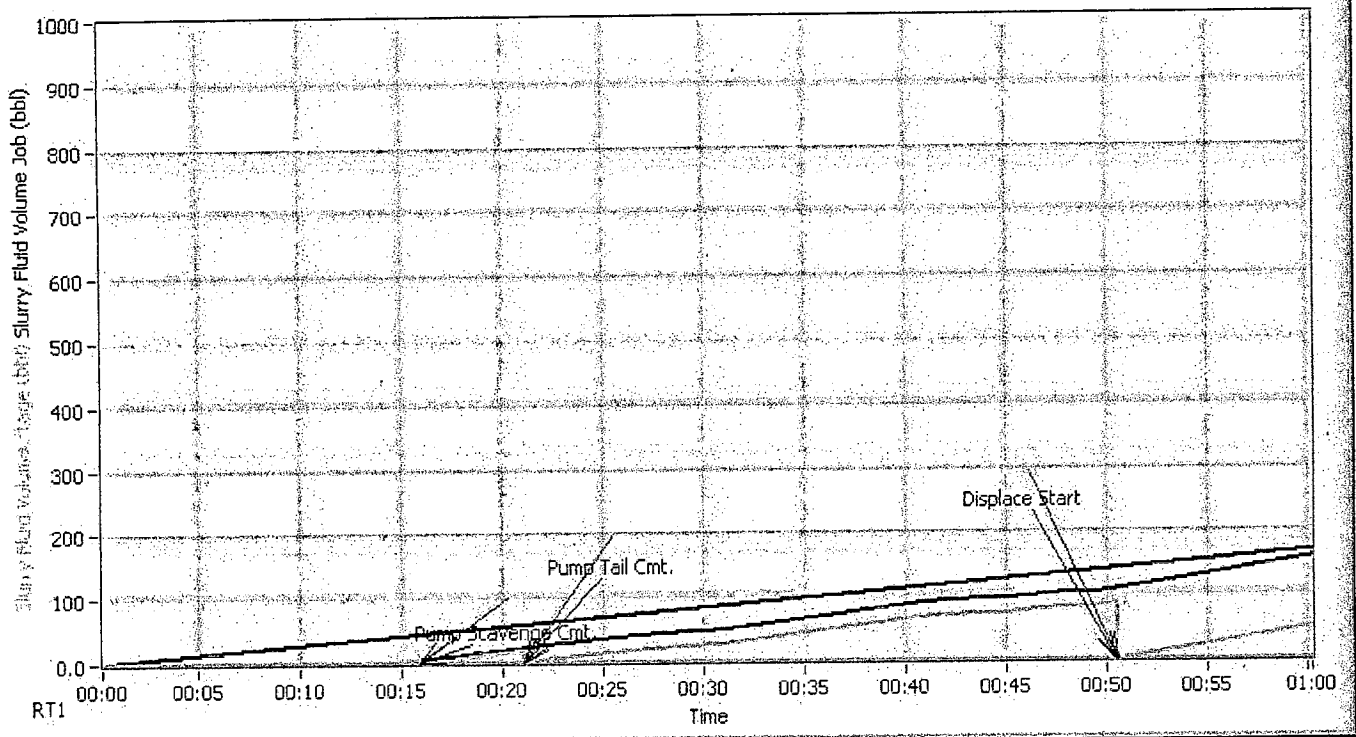


[1] New Stage - Recorded Time Plot 1

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[1] New Stage - Recorded Time Plot 2



[1] New Stage - Recorded Time Plot 2

[1] New Stage - Total(s)

Time	Comment	SLRY VOL STG-bbls	SLRY VOL TOT-bbls
18:00:00			
01:05:50	Pump Scavenge Cmt.	0.0	4.5
01:10:59	Pump Tail Cmt.	17.6	22.1
01:40:27	Displace Start	0.0	108.4
02:12:08		121.8	230.2

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[1] New Stage - Job Log

Time	Comment	DENSITY-ppg	PUMP RATE-bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	CASING-psi (2)
00:53:12	Test Lines	8.30	0.0	0.0	0.0	0
00:56:12	Test Lines	8.30	0.0	0.0	0.0	0
00:59:12	Test Lines	8.30	0.0	0.3	0.3	38
01:02:13	Test Lines	10.69	0.0	0.3	0.3	0
01:05:13	Test Lines	13.16	3.6	2.0	2.0	244
01:05:48	Pump Scavenge Cmt.	13.24	4.4	4.4	4.4	456
01:05:50	Pump Scavenge Cmt.	13.31	4.5	0.0	4.5	466
01:05:50		13.31	4.5	0.0	4.5	466
01:08:13	Pump Tail Cmt.	14.53	4.2	7.4	12.0	212
01:10:58	Pump Tail Cmt.	13.85	3.6	17.6	22.1	99



Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	CASING-psi (2)
01:10:59	Pump Tail Cmt.	13.87	3.6	17.6	22.1	97
01:11:00		13.89	3.6	0.0	22.2	97
01:11:13	Pump Tail Cmt.	14.25	3.6	0.8	22.9	92
01:14:13	Pump Tail Cmt.	14.58	3.6	10.7	32.8	93
01:17:13	Pump Tail Cmt.	14.91	2.6	19.4	41.5	51
01:20:13	Pump Tail Cmt.	14.59	1.5	24.9	47.1	0
01:23:13	Pump Tail Cmt.	15.11	4.1	35.9	58.1	136
01:26:13	Pump Tail Cmt.	15.00	4.1	48.3	70.4	136
01:29:14	Pump Tail Cmt.	14.72	4.2	60.6	82.7	126
01:32:14	Pump Tail Cmt.	14.36	0.6	68.9	91.0	0
01:35:14	Pump Tail Cmt.	11.81	3.5	73.2	95.4	0
01:38:14	Pump Tail Cmt.	9.99	0.0	80.6	102.8	0
01:40:25	Displace Start	8.95	4.9	86.1	108.2	57
01:40:27	Displace Start	8.94	4.9	0.0	108.4	62
01:40:28		8.86	4.9	0.1	108.5	62
01:41:15	Displace Start	8.79	4.6	3.7	112.1	65
01:44:15	Displace Start	8.38	5.1	18.7	127.1	82
01:47:15	Displace Start	8.36	5.1	34.0	142.4	82
01:50:15	Displace Start	8.35	5.1	49.3	157.7	82
01:53:15	Displace Start	8.34	5.1	64.5	173.0	83
01:56:15	Displace Start	8.34	3.9	78.5	186.9	332
01:59:15	Displace Start	8.34	3.9	90.1	198.5	564
02:02:16	Displace Start	8.34	3.7	101.4	209.9	780
02:05:16	Displace Start	8.34	2.9	110.7	219.1	915
02:08:16	Displace Start	8.35	2.5	118.4	226.8	1046
02:11:16	Displace Start	8.71	0.7	121.4	229.8	1126
02:12:07	End Job	9.51	1.0	121.8	230.2	305

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

Name	Abbreviation	Units
Casing Pressure	CASING-psi (2)	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	3.5
Initial Circulating Pressure	250
Lead Slurry Sacks	25
Lead Slurry Volume	13
Tail Slurry Sacks	235
Tail Slurry Volume	70
Bottom Plug Displacement	126

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Top Plug Displacement	
Cmt Vol Circulated to Surface	
Average Displacement Rate	5
Final Circulating Rate	3
Final Circulating Pressure	950
Plug Bumped?	YES
Pressure When Plug Bumped	1540
Floats Hold?	yes
WEIGHED CEMENT WITH PRESSURIZED MUD SCALES	
THANK YOU Bobby Lewis & 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.

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SUPERIOR WELL SERVICES

WEST-AUG-10a-SALES & SERVICE TICKET

TICKET

41- 000000

DATE

10/27/2011

PAGE

1 of 1

CHARGE TO

PRIMEXX OPERATING

LEASE NAME OR PROJECT

M&M GREVE #33-1

ADDRESS

STATE

COUNTY

KS

HARPER

ADDRESS

FIELD

SEC 33-35S-5W

WELL PERMIT NUMBER

OWNER

SERVICE ENGINEER

Robert Hair

AFE / PURCHASE ORDER / CONTRACT / REFERENCE

JOB TYPE

5 1/2 PRODUCTION

ON LOCATION

COMPLETED

SIGNATURE

X

NAME (PLEASE PRINT)

JERRY OGLE

TIME

DATE

10/27/2011

TIME

DATE

10/28/2011

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			
-	20-200-0002	150	Mileage non-DOT Units -Cmt - per unit, per job	68.00	7.60	2,280.00
-	20-220-0055	1	Depth Pumped 5,001' to 5,500' - first 4 hours, per unit	68.00	4.30	645.00
-	20-299-0008	1	AccuDat Recording System- each, per job	68.00	4,410.00	4,410.00
-	20-299-0010	1	High Energy Mix System (HEMS) - each, per job	68.00	1,230.00	1,230.00
-	20-299-0007	1	Plug Container HP or Double - each, per job	68.00	746.00	746.00
-	50-760-0055	1	Rubber Plug Top 5-1/2 - each	68.00	710.00	710.00
-	20-299-0030	1	Circulating Equipment - per set, per job	68.00	223.00	223.00
-	20-200-0008	39,000	Bulk Cement Delivery - per sack, per one way mile	68.00	2,220.00	2,220.00
-	20-215-0001	260	Bulk Blending Service - per sack	68.00	0.18	7,020.00
-	25-305-2000	260	Cement-Premium "H" - per sack	68.00	3.20	832.00
-	25-300-0003	1,849	Sodium Chloride-Salt (NaCl) - per pound	68.00	45.75	11,895.00
-	25-315-0001	122	Air Out - per pound	68.00	1.07	1,978.43
-	25-335-0003	1,956	Gilsonite - per pound	68.00	13.60	1,659.20
-	25-300-0001	2,444	Gypsum Cement 60 - per pound	68.00	1.50	2,934.00
-	25-320-0200	147	Super FL-200 - per pound	68.00	1.69	4,130.36
-	25-345-0002	12	Super CR-1 - per pound	68.00	26.10	3,836.70
-	25-315-0020	5	No Foam 2 - per gallon	68.00	12.90	154.80
-	50-740-0055	1	Guide Shoe 5-1/2 - each	40.00	141.00	705.00
-	50-730-0055	1	Float Collar 5-1/2 - each	40.00	410.00	410.00
-	50-725-0557	15	Centralizer 5-1/2 X 7-7/8 - each	40.00	1,290.00	1,290.00
-	50-750-0001	2	Thread Lock - each	40.00	98.40	1,476.00
-	50-775-0055	1	Stop Ring 5-1/2 - each	40.00	153.00	306.00
-	-	-	-	40.00	77.30	77.30

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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	\$	51,168.79
Special Discount	0.00%	\$
Line Item Discounts		(33,798.17)
Special Allowance	\$	\$
Subtotal	\$	17,370.62
Fuel Surcharges	2.50%	\$ 434.27
AMOUNT DUE ==>	\$	17,804.88

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.swsi.com

BREAK THROUGH

Primary Cementing Proposal

PRIMEXX OPERATING

M&M GREVE #33-1

5 1/2 IN PRODUCTION CASING

Well Location

Field: SEC. 33-35S-5W
 County: HARPER
 State: KS

Rig Name: **DAN D #1**

Well Information

Casing Size: 5 1/2 [in]
 Casing Depth: 5300 [ft]
 TVD: 5300 [ft]
 O.H. Size: 7 7/8 [in]
 O.H. Depth: 5300 [ft]

Water Estimates

Spacer: 0.0 [bbls]
 Total Mix Water: 39.5 [bbls]
 Displacement: 125.7 [bbls]
 Wash up: 30.0 [bbls]

Total Water Estimate: 195.1 [bbls]



Pvs. Casing Size: 8 5/8 [in]
 Pvs. Casing Depth: 250 [ft]
 BHST: 133.0 [°F]
 BHCT: 108 [°F]

BREAK THROUGH

Prepared For: JERRY OGLE
 RUSTY RAYBORN

Date Prepared: 10/16/11

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

Well Bore Information

PRIMEXX OPERATING

M&M GREVE #33-1

5 1/2 IN PRODUCTION CASING

Drilling Fluid 9.0 ppg Water Based Drilling Fluid

Spacers

Previous Casing Depth:
250 [ft]

Casing in Casing Factor:
0.1931 [cuft/ft]

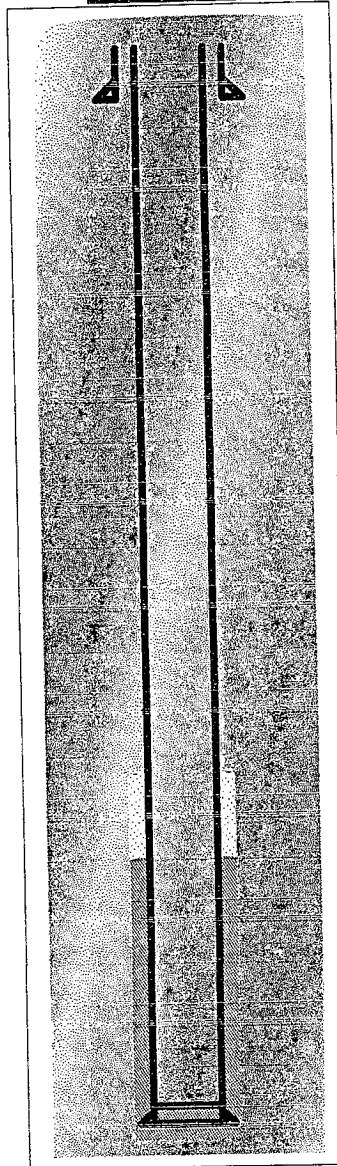
Scavenger	
Top:	3585 [ft]
Fill:	415 [ft]
Excess:	0 %
Vol:	72 [cuft]

Differential Pressure
597 [psi]
[assumes vertical hole]

Total Annular Excess
27 %

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

Casing Capacity Factor:
0.1342 [cuft/ft]



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

Tail Cement	
Top:	4000 [ft]
Fill:	1300 [ft]
Excess:	27 %
Vol:	292 [cuft]

Shoe Track Length
44 [ft]

Measured Depth
5,300 [ft]

Displacement Volume: 126 [bbbls]

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BREAK THROUGH

PRIMEXX OPERATING

M&M GREVE #33-1

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 + 0.05% Super CR-1

Mix Weight: 12.0 [lb/gal]

Yield: 2.87 [cuft/sk]

Mix Water: 15.88 [gal/sk]

No Lead System

Tail System

175 sks

Premium Class "H" + 10% Salt (NaCl) (BWOW) + 10% Gypsum - 60 + 0.5% Air-Out + 0.6% Super FL -200 + 8
LB/SK Gilsonite + 0.05% Super CR-1

Mix Weight: 14.30 [lb/gal]

Yield: 1.67 [cuft/sk]

Mix Water: 7.19 [gal/sk]

Displacement Fluid

126 bbls of Water

Always refigure on location!!!!



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Superior Well Services

22096 West Highway 73
Clinton, Oklahoma 73601

Office: 580 323 0058

Fax: 580 323 8629

www.swsi.com

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	\$ 729.60
20-200-0002	Mileage non-DOT Units -Cmt - per unit, per job	150	ut-mi	\$ 4.30	\$ 206.40
20-220-0055	Depth Pumped 5,001' to 5,500' - first 4 hours, per unit	1	unit	\$ 4,410.00	\$ 1,411.20
20-299-0008	AccuDat Recording System- each, per job	1	ea	\$ 1,230.00	\$ 393.60
20-200-0008	Bulk Cement Delivery - per sack, per one way mile	30000	sk-mi	\$ 0.18	\$ 1,728.00
20-215-0001	Bulk Blending Service - per sack	200	sk	\$ 3.20	\$ 204.97
20-299-0007	Plug Container HP or Double - each, per job	1	ea	\$ 710.00	\$ 227.20
20-299-0010	High Energy Mix System (HEMS) - each, per job	1	ea	\$ 746.00	\$ 238.72
25-315-0020	No Foam 2 - per gallon	5	gal	\$ 141.00	\$ 225.60
50-760-0055	Rubber Plug Top 5-1/2 - each	1	ea	\$ 223.00	\$ 71.36
25-305-2000	Cement-Premium 'H' - per sack	200	sk	\$ 45.75	\$ 2,930.38
25-300-0003	Sodium Chloride-Salt (NaCl) - per pound	1379	lb	\$ 1.07	\$ 472.13
25-315-0001	Air Out - per pound	94	lb	\$ 13.60	\$ 409.42
25-335-0003	Gilsonite - per pound	1601	lb	\$ 1.50	\$ 768.62
25-300-0001	Gypsum Cement 60 - per pound	1882	lb	\$ 1.69	\$ 1,017.53
25-320-0200	Super FL-200 - per pound	113	lb	\$ 26.10	\$ 942.87
25-345-0002	Super CR-1 - per pound	9	lb	\$ 12.90	\$ 38.83

20-299-0030	Circulating Equipment - per set, per job	1	job	\$ 2,220.00	\$ 710.40
-------------	--	---	-----	-------------	-----------

-	Fuel Surcharge - as applied	1	ea	\$ 994.28	\$ 318.17
---	-----------------------------	---	----	-----------	-----------

Gross Price \$ 40,765.65

Discounted Price \$ 13,045.01

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

40.00 % Special Discount Applied \$ 2,135.58

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.



Superior Well Services

22096 West Highway 73
Clinton, Oklahoma 73601

Office: 580 323 0058

Fax: 580 323 8629

www.swsj.com

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 many 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 polysaccharide derivative type fluid loss agent for applications up to 220 F, also effective with salt concentrations up to 18%.
Super CR-1	Low temperature cement retarder used to control thickening time <190 F





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Superior Equipment and Personnel Requested

Well Head Connection	5 1/2" 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	<i>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>	
	<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	<i>Superior Tractor Trailer style bulk trucks with 2 330 cuft bulk material bottles.</i>	
	<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	<i>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.</i>	
Wellsite Services	<i>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.</i>	
Technical Services	<i>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.</i>	
Personnel Services	<i>Superior's personnel are provided at no charge for this job</i>	

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Superior Well Services

22096 West Highway 73
Clinton, Oklahoma 73601

Office: 580 323 0058

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BREAK THROUGH

October 16, 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

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Cement Report

Client Information

Client Reference	PRIM2
Client	PRIMEXX OPERATING
Address	4849 GREENVILLE AVE PO BOX 975682
City State Zip	DALLAS TX 75397-5682
Representative	JERRY OGLE

Lease/Project/Well Information

Job Type	Casing Cement Job - 8 5/8
Lease or Project	M&M Greve
Lease Number	33-1
Physical Location	SEC 33-35S-5W
Township	Bluff City
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	8 RD
Casing I.D.	8.097
Hole Size	12.25
Calculated Annular Excess %	215
BHST	82
T.D.	228
Casing Length	228
Shoe Joint	42
Float Collar	186
Calculated T.O.C.	surface
Previous Casing Depth	60
Previous Casing Size	20
Previous Casing Weight	94

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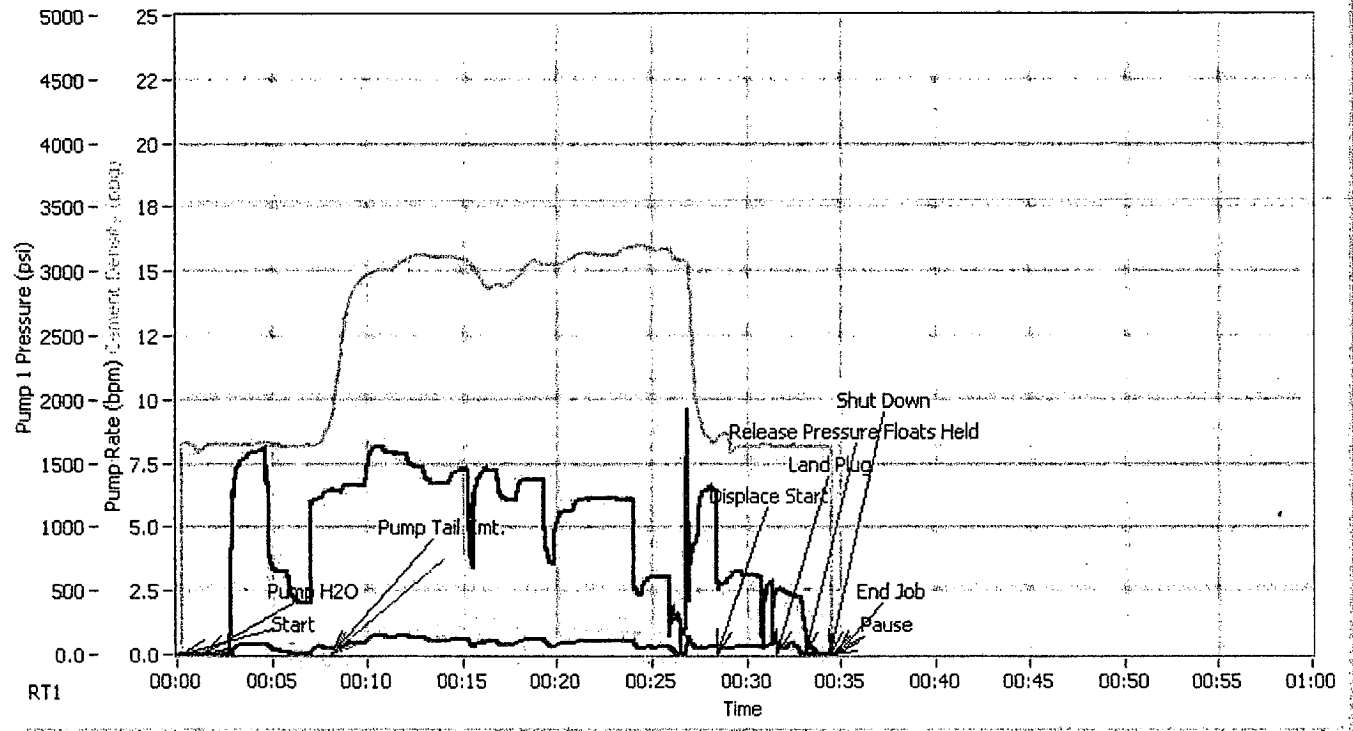
Drill Pipe Size	4.5
Drill Pipe Weight	16.60

Call-Out Information

Service Center(s)	CLINTON OKLAHOMA
Bulk Location(s)	CLINTON OKLAHOMA
Pumping Equipment	3147-3259 PUMP
Auxilliary Equipment	0933-3776 B.T.
Time Called Out	20:00
Time On Location	00:30
Planned Time of Job	MORNING
Weather Conditions	COOL

[1] New Stage

[1] New Stage - Recorded Time Plot 1

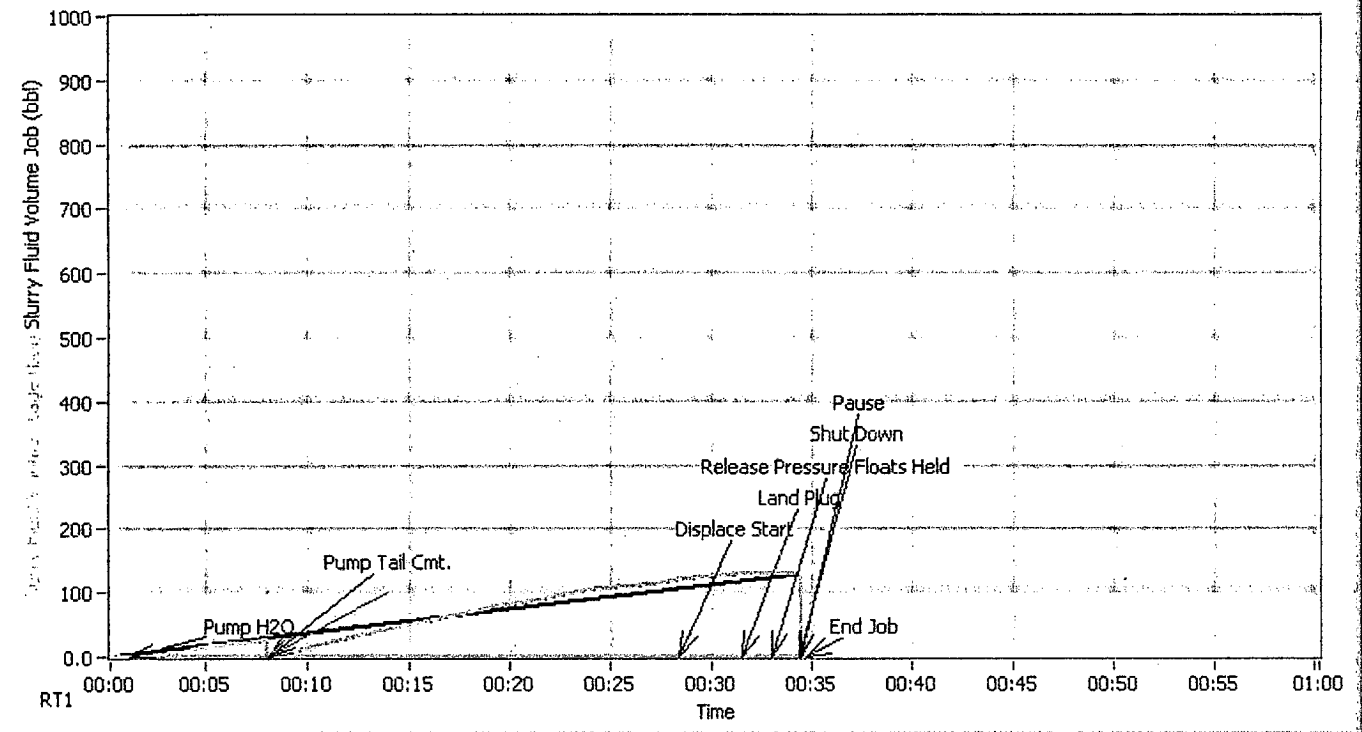


[1] New Stage - Recorded Time Plot 1



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[1] New Stage - Recorded Time Plot 2



[1] New Stage - Recorded Time Plot 2

[1] New Stage - Total(s)

Time	Comment	SLRY VOL STG-bbls	SLRY VOL TOT-bbls
18:00:00			
02:10:53	Pump Tail Cmt.	0.0	0.0
02:37:27		129.2	129.0

[1] New Stage - Job Log

Time	Comment	DENSITY-ppg	PUMP RATE-bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
02:04:09	Pump H2O	8.05	0.0	0.0	0.0	0
02:06:03	Pump H2O	8.20	7.3	2.4	2.4	69
02:09:03	Pump H2O	8.13	2.1	19.1	19.1	0
02:10:53	Pump Tail Cmt.	9.11	6.5	0.0	0.0	38
02:10:53		9.11	6.5	0.0	0.0	38
02:10:57	Pump Tail Cmt.	9.30	6.5	0.4	0.4	39
02:12:04	Pump Tail Cmt.	14.21	6.6	7.6	7.6	88
02:15:04	Pump Tail Cmt.	15.51	7.5	30.3	30.3	135
02:18:04	Pump Tail Cmt.	15.38	7.2	51.3	51.3	119
02:21:04	Pump Tail Cmt.	15.02	6.8	70.5	70.4	110
02:24:04	Pump Tail Cmt.	15.68	6.0	87.6	87.5	102
02:27:04	Pump Tail Cmt.	15.94	2.4	105.1	104.9	54
02:30:04	Pump Tail Cmt.	10.94	4.3	113.2	113.0	58
02:31:15	Displace Start	8.41	6.3	120.3	120.2	69
02:33:05	Land Plug	8.14	3.1	125.8	125.7	58



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Time	Comment	DENSITY-ppg	PUMP RATE- bpm	SLRY VOL STG-bbls	SLRY VOL TOT-bbls	PUMP1p
02:34:26	Land Plug Release	8.13	0.4	128.8	128.6	506
02:35:53	Pressure Floats Held	8.14	0.0	129.2	129.0	247
02:36:05	Pressure Floats Held	8.15	0.0	129.2	129.0	109
02:37:18	Shut Down	8.10	0.3	129.2	129.0	30
02:37:25	End Job	8.14	9.0	129.2	129.0	71

[1] New Stage - 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	2000
Initial Circulating Rate	6
Initial Circulating Pressure	100
Lead Slurry Sacks	0
Lead Slurry Volume	0
Tail Slurry Sacks	300
Tail Slurry Volume	63.58
Bottom Plug Displacement	
Top Plug Displacement	11.8
Cmt Vol Circulated to Surface	30 bbls
Average Displacement Rate	3.5
Final Circulating Rate	3
Final Circulating Pressure	100
Plug Bumped?	yes
Pressure When Plug Bumped	500
Floats Hold?	yes
THANK YOU Clay Nalley AND CREW	
WEIGHED CEMENT WITH PRESSURIZED MUD SCALES	

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.



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LOCATION WATER TEST

General Information

Customer: Primexx Operating Date: 10/19/2011
 Sales Order #: 159000249189 Time: 0:30
 Lease Name & #: M&M Greve 33-1 Water Source: Frac Tank
 Employee Name Clay Nalley

Test Results Sample #1

	Field		Lab		Standards
Temp	<u>70</u> ° F		_____	° F	Max Temp 120° F
pH	<u>7.0</u>		_____		6.0 - 8.0
Sulfates	<u>500</u> mg/L		_____		Less Than 2000 mg/L
Chlorides	<u>1000</u> mg/L		_____		Less Than 3000 mg/L
Tanin & Lignin	<u>N</u> Y/N		_____	Y/N	No Trace
Bicarbonates	<u>XXXXXXXXXX</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	_____	XXXXXXXXXX	_____	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	_____	XXXXXXXXXX	_____	mg/L	Less Than 500 mg/L

Remarks:

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COMPANY PRIMEXX OPERATING		FACILITY CLINTON		API Number GET FROM CUST.	DATE October 19, 2011
CONTRACTOR DAN D DRILLING #1		TOWN	STATE KS	LEGAL DESCRIPTION SEC-33-35S-5W	
LEASE / WELL NUMBER M&M GREVE 33-1	Ticket Number 41-000000	COUNTY HARPER	MILEAGE ONE WAY 150		
DIRECTIONS JCT OF HWY 64 & RED HILL RD- GO NORTH ON RED HILL ROAD TO STOP SIGN- CONTINUE NORTH 13 MILES TO T- AT THE T GO WEST 100 YARDS THEN GO NORTH 3 MILES- EAST INTO					

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 8 5/8 24#	Thread 8RD	Tbng/DP Size	Thread	Plug. Cont. X	Swage X	Top Plug X	Bottom Plug	% Excess 215
	Number and Type Units 1 - PUMP TRUCK, 1 - BULK TRUCK,						BHST 82	BHCT 82	HOLE 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 300	Type CLASS A	Additives 2% CALCIUM CHLORIDE, .25 LB/SK SUPER FLAKE		
		Weight PPG 15.6	Yield Ft3/Sk 1.19	Water Gal/Sk 5.2		
		# of Sacks	Type	Additives		
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk		
		# 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	Type	REMARKS	
		Spacer or Flush	Quantity	Type	Additives	
Other	Quantity 13	Type FRESH WATER	Additives 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, FLOAT EQUIPMENT, AND SWADGE ALREADY ON LOCATION(C NALLEY) + TALK TO CUSTOMER ABOUT PROCEDURES
-------------	--

Sales Items	Casing Size 8 5/8	Casing Weight	Thread 8RD
	Guide Shoe 1	Float Shoe	Float Collar 1
	Centralizers - Number 3	Size	Type
	Well Cleaners - Number	Type	MSC (DV Tool)
	Limit Clamps	Weld-A 2	Other 1 AUTO FILL TUBE AND BALL
	Remarks		

Customer Rep. JERRY OGLE	Phone Number 580-541-9124	Fax	Time of Call W/C
Call Taken By MIKE JAMES			Time Ready W/C

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Bulk Plant Load Sheet

Customer: **PRIMEX**
 Lease: **M&M GREVE 33-1**
 Job Type: **8 5/8 SURFACE**
 Field Blend: Yes No

Date: 10/17/2011
 Sales Order No.: _____
 Loader: MIKE JAMES
 Assistant: _____

Cement Blend:
 CLASS A

Cement Blend:
 CLASS H

Cement Blend:
 50:50 POZ CLASS H

Total No. Sacks 300.0
 No. Sacks per Pull 300.0
 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	28,200 lbs	
Pozmix A	- lbs	
Gel	- lbs	
Kof Seal	- lbs	
Super SF-100	- lbs	
Super SF-200	- lbs	
Hydrated Lime	- lbs	
CC	11 Sacks	
Gypsum	- Sacks	
CD-20	- lbs	
Air Out	- lbs	
Super Sil - SP	- Sacks	
Super Flake	71 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	_____	

	Wt. of Materials	
Cement	- lbs	
Pozmix A	- lbs	
Gel	- lbs	
Kof 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	
Kof 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	_____	

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Sacks: 300 sacks Total # Sacks for Job: 300 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: 150 miles (one way)
 Prepared by: MIKE JAMES Number of Samples Caught: _____
 Date: 10/17/2011
 Customer: PRIMEX
 Well Name: M&M GREVE 33-1
 Job Type: 8 5/8 SURFACE
 Slurry Type: CLASS A

Density	15.60 ppg
Yield	1.19 cu-ft/sk
Water	5.20 gps

Pozmix	74 lb/sack
	0.0487 abs vol

Specify a field blend in the cell below.

Concentration	Material Name	Abs Vol (gal/lb)	lbs/sk	gal/sk	Total Wt (lbs)	Running Total Material	Material Quantities
5.2 gps	Water	0.1200	43.316	5.200			
100.00 %	Standard	100003684	94.000	3.594	28,200	28,200	300 sacks
2.00 %	Calcium Chloride	0.0558	1.880	0.105	564	28,764	11 sacks
0.25 pps	Super Flake	100005049	0.0845	0.020	71	28,835	71 lb

Material cu-ft	Specific Gravity	Weight per sack	Bulk Wt. (lbs/cu-ft)
	1.000		
300	3.140	94.0	94.0
9	2.150	50.0	64.0
5	1.420		15.0

Percent bwow	Abs Vol (gal/lb)
-	0.0371
1.0	0.0371
10.0	0.0394
18.0	0.0414

Percent bwow	Abs Vol (gal/lb)
-	0.0440
2	0.0440

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 (Sub-Total)		Pounds	Tons
Service Charge (cu-ft) for Cement:	314	Bulk Cement Materials Weight: 28,835	14
Service Charge (cu-ft) for Spacer:	-	Bulk Spacer Materials Weight:	-
Service Charge (cu-ft):	314	Bulk Material Weight (tons):	14
Ton Mileage Based on 150-miles (one way):			2,163

Total Job Bulk Material Charges		Total Service Charge (cu-ft):	314
		Total Bulk Material Weight (tons):	14
		Total Ton Mileage Based on 150-miles (one way):	2,163



SUPERIOR WELL SERVICES

WEST-AUG-10a-SALES & SERVICE TICKET

TICKET

41- 000000

DATE

10/17/2011

PAGE

1

of

1

CHARGE TO

PRIMEXX

LEASE NAME OR PROJECT

M&M GREVE 33-1

ADDRESS

GET FROM CUSTOMER

STATE

OK

COUNTY

ALFALFA

ADDRESS

GET FROM CUSTOMER

FIELD

SEC. 10-28N-12W

WELL PERMIT NUMBER

OWNER

SERVICE ENGINEER

AFE / PURCHASE ORDER / CONTRACT / REFERENCE

GET FROM CUSTOMER

JOB TYPE

8 5/8 SURFACE

ON LOCATION

TIME

DATE

10/17/2011

COMPLETED

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	68.00	7.60	2,280.00
-	20-200-0002	150	Mileage non-DOT Units -Cmt - per unit, per job	68.00	4.30	645.00
-	20-220-0003	1	Depth Pumped 0' to 300' - first 4 hours, per unit	68.00	1,350.00	1,350.00
-	20-299-0008	1	AccuDat Recording System- each, per job	68.00	1,230.00	1,230.00
-	20-299-0010	1	High Energy Mix System (HEMS) - each, per job	68.00	746.00	746.00
-	20-299-0007	1	Plug Container HP or Double - each, per job	68.00	710.00	710.00
-	50-760-0085	1	Rubber Plug Top 8-5/8 - each	68.00	235.00	235.00
-	20-299-0030	1	Circulating Equipment - per set, per job	68.00	2,220.00	2,220.00
-	20-200-0008	45,000	Bulk Cement Delivery - per sack, per one way mile	68.00	0.18	8,100.00
-	20-215-0001	300	Bulk Blending Service - per sack	68.00	3.20	960.00
-	25-305-1000	300	Cement-Standard - per sack	68.00	38.89	11,667.00
-	25-300-0002	564	Calcium Chloride (CaCl2) - per pound	68.00	1.89	1,065.96
-	25-335-0001	75	Super Flake - per pound	68.00	6.40	480.00
-	25-315-0020	5	No Foam 2 - per gallon	68.00	141.00	705.00
-				68.00	-	-
-	50-736-0609	1	Auto Fill Unit Float Equip - 6-5/8 to 9-5/8 - each	40.00	105.00	105.00
-	50-740-0086	1	Guide Shoe 8-5/8 - each	40.00	387.00	387.00
-	50-725-0862	3	Centralizer 8-5/8 X 12 - each	40.00	164.00	492.00
-	50-745-0086	1	Insert Float Valve 8-5/8 - each	40.00	387.00	387.00
-	50-750-0001	1	Thread Lock - each	40.00	153.00	153.00
-	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	-
-				-	-	-
-				-	-	-
Continuation Page \$						-

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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	\$	33,917.96
Special Discount	0.00%	\$ -
Line Item Discounts		\$ (22,637.49)
Special Allowance	\$	\$ -
Subtotal	\$	11,280.47
Fuel Surcharges	2.50%	\$ 282.01
AMOUNT DUE ==>	\$	11,562.48

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.swsi.com

BREAK THROUGH

Primary Cementing Proposal

PRIMEXX OPERATING

M&M GREVE #33-1

8 5/8 IN SURFACE CASING

Well Location

Field: SEC. 33-35S-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: 37.2 [bbls]
 Displacement: 13.1 [bbls]
 Wash up: 30.0 [bbls]

Total Water Estimate: 90.3 [bbls]



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

BREAK THROUGH

Prepared For: JERRY OGLE
 RUSTY RAYBORN

Date Prepared: 10/16/11

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

M&M GREVE #33-1

8 5/8 IN SURFACE CASING

Well Bore Information

Drilling Fluid 9.0 ppg Water Based Drilling Fluid

Spacers

Previous Casing Depth:
60 [ft]

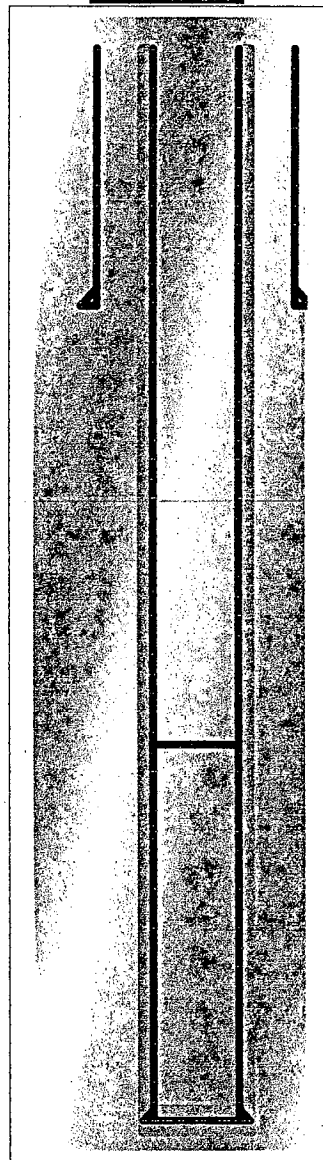
Casing in Casing Factor:
1.5974 [cuft/ft]

Differential Pressure
78 [psi]
[assumes vertical hole]

Total Annular Excess
215 %

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.

Tail Cement

Top: Cement to Surface
Fill: 250 [ft]
Excess: 215 %
Vol: 359 [cuft]

Shoe Track Length
44 [ft]

Measured Depth
250 [ft]

Displacement Volume: 13 [bbls]

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PRIMEXX OPERATING

M&M GREVE #33-1

8 5/8 IN SURFACE CASING

Mud / Cement Spacer System:

10 bbls Water @ 8.32 [lb/gal]

No Lead System

Tail System

300 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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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	\$ 729.60
20-200-0002	Mileage non-DOT Units -Cmt - per unit, per job		150	ut-mi	\$ 4.30	\$ 206.40
20-220-0003	Depth Pumped 0' to 300' - first 4 hours, per unit		1	unit	\$ 1,350.00	\$ 432.00
20-299-0008	AccuDat Recording System- each, per job		1	ea	\$ 1,230.00	\$ 393.60
20-200-0008	Bulk Cement Delivery - per sack, per one way mile		45000	sk-mi	\$ 0.18	\$ 2,592.00
20-215-0001	Bulk Blending Service - per sack		300	sk	\$ 3.20	\$ 307.42
20-299-0007	Plug Container HP or Double - each, per job		1	ea	\$ 710.00	\$ 227.20
20-299-0010	High Energy Mix System (HEMS) - each, per job		1	ea	\$ 746.00	\$ 238.72
25-315-0020	No Foam 2 - per gallon		5	gal	\$ 141.00	\$ 225.60
50-760-0085	Rubber Plug Top 8-5/8 - each		1	ea	\$ 235.00	\$ 75.20
25-305-1000	Cement-Standard - per sack		300	sk	\$ 38.89	\$ 3,736.09
25-300-0002	Calcium Chloride (CaCl2) - per pound		564	lb	\$ 1.89	\$ 341.35
25-335-0001	Super Flake - per pound		75	lb	\$ 6.40	\$ 153.71

20-299-0030	Circulating Equipment - per set, per job	1 job	\$ 2,220.00	\$ 710.40
-	Fuel Surcharge - as applied	1 ea	\$ 810.10	\$ 259.23
Gross Price				\$ 33,214.12

Discounted Price \$ 10,628.52

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	

40.00 % Special Discount Applied \$ 914.40

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Superior Chemical Descriptions

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



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Superior Equipment and Personnel Requested

Well Head Connection	8 5/8" Cement Head	<i>Single Plug Pull Pin Style with Quick Latch Bowl type connection</i>
	<i>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.</i>	
Cement Pump Truck	<i>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>	
	<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	<i>Superior Tractor Trailer style bulk trucks with 2 330 cuft bulk material bottles.</i>	
	<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	<i>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.</i>	
Wellsite Services	<i>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.</i>	
Technical Services	<i>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.</i>	
Personnel Services	<i>Superior's personnel are provided at no charge for this job</i>	

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BREAK THROUGH

October 16, 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: 10/17/2011

LEASE: M&M Greve 33-1

TICKET: 15900002/19/09

SERVICE SUPERVISOR'S SIGNATURE: Clay

CREW: _____

BULK PLANT LOCATION _____

Clinton, OK

NAME OF LOADER: _____

Kevin and Greg

WAS BULK TRUCK/BIN BLOWN DOWN BEFORE LOADING: YES NO

IF PUT IN FIELD BIN, WAS BIN BLOWN DOWN: YES NO

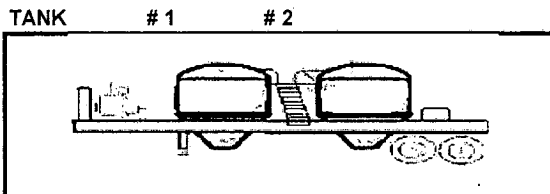
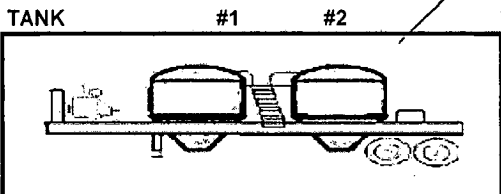
MSDS PROVIDED: YES NO

UNIT # 3776

UNIT # _____

DRIVER # Tony Bellamy

DRIVER # _____



SACKS: 150

SACKS: 150

SACKS: _____

SACKS: _____

CEMENT ADDITIVES

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

CEMENT ADDITIVES

		RECEIVED JUN 08 2012 KCC WICHITA

DRY SAMPLE

DRY SAMPLE:

DRY SAMPLE:

DRY SAMPLE:

SLURRY DATA

STAGE # 1

	LEAD	TAIL
SKS	<u>200</u>	
H2O/SK	<u>5.2</u>	
FT3/SK	<u>7.19</u>	
# / GAL	<u>15.6</u>	

STAGE # 2

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

PRE-JOB CHECKLIST

MSDS LEFT ON LOCATION: YES NO

PIPE SIZE 5 1/8" x 24' #/FT

SLURRY & JOB REVIEWED WITH COMPANY REP: yes

PIPE SIZE " #/FT

SAFETY MEETING HELD: YES/NO

PIPE SIZE " #/FT

CLEAN UP SITE DISCUSSED: YES/NO

SPACERS DISCUSSED: yes TYPE 1420

DISPLACEMENTS DISCUSSED: yes TYPE 1420 VOLUME 11.8 BBLs

FLOATING EQUIPMENT VERIFIED BY CUSTOMER: yes

DV TOOL/PLUG SET CALIPERED: NA YES/NO

WAS VOLUME OF MIXING H2O CHECKED: yes YES/NO

WAS CEMENT & ADDITIVES RETURNED: no YES/NO HOW MUCH?

THREAD TYPES
AT SURFACE <u>grad</u>
AT DV TOOL _____
AT FLT EQUIP _____

POST-JOB RESULTS

LANDED PLUG? yes

FLOAT HELD? yes

COMMENTS _____



COMPANY PRIMEXX OPERATING		FACILITY CLINTON		API Number GET FROM CUST.	DATE October 19, 2011
CONTRACTOR DAN D DRILLING #1		TOWN	STATE KS	LEGAL DESCRIPTION SEC-33-35S-5W	
LEASE / WELL NUMBER M&M GREVE 33-1		Ticket Number 41-000000	COUNTY HARPER	MILEAGE ONE WAY 150	
DIRECTIONS JCT OF HWY 64 & RED HILL RD- GO NORTH ON RED HILL ROAD TO STOP SIGN- CONTINUE NORTH 13 MILES TO T- AT THE T GO WEST 100 YARDS THEN GO NORTH 3 MILES- EAST INTO					

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								
	Casing Size/Weight 8 5/8 24#	Thread 8RD	Tbng/DP Size	Thread	Plug. Cont. X	Swage X	Top Plug X	Bottom Plug	% Excess 215
	Number and Type Units 1 - PUMP TRUCK, 1 - BULK TRUCK,						BHST 82	BHCT 82	HOLE 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 300	Type CLASS A	Additives 2% CALCIUM CHLORIDE, .25 LB/SK SUPER FLAKE			
		Weight PPG 15.6	Yield Ft3/Sk 1.19	Water Gal/Sk 5.2			
		# of Sacks	Type	Additives			
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk			
		# 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	Type	REMARKS		
		Spacer or Flush	Quantity	Type	Additives		
Other	Quantity 13	Type FRESH WATER	Additives 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, FLOAT EQUIPMENT, AND SWADGE ALREADY ON LOCATION(C NALLEY) + TALK TO CUSTOMER ABOUT PROCEDURES
-------------	--

Sales Items	Casing Size 8 5/8	Casing Weight	Thread 8RD
	Guide Shoe 1	Float Shoe	Float Collar 1
	Centralizers - Number 3	Size	Type
	Well Cleaners - Number	Type	MSC (DV Tool)
	Limit Clamps	Weld-A 2	Other 1 AUTO FILL TUBE AND BALL
	Remarks		

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

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October 27, 2011

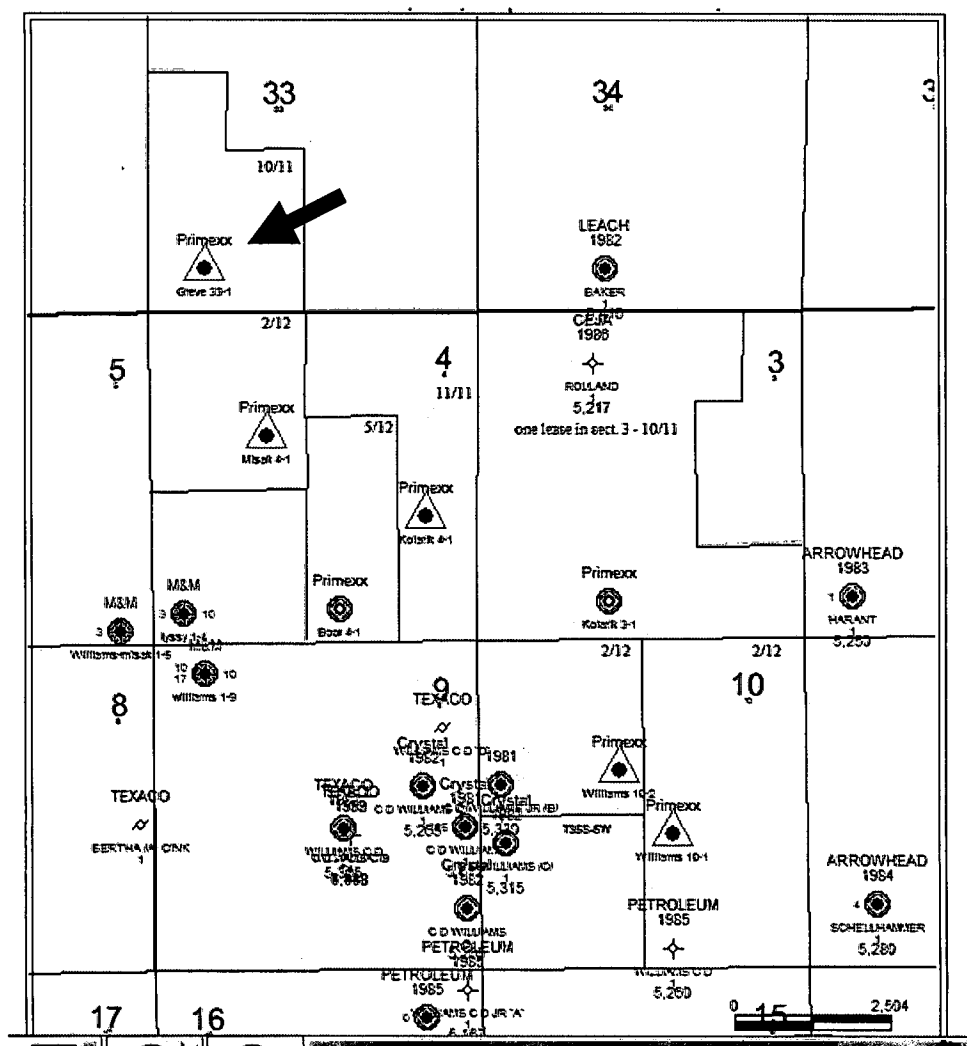
Geologic Assessment: **Primexx Greve 33-1**
Prospect Area: **M&M Prospect**
Location: SW SW 33-34s-5w, Harper County, KS

Summary:

The Greve 33-1 TD'd in the Wilcox sand on October 26, 2011 and was logged by Weatherford that night. This stepout well found ~80ft of probably productive Osage reservoir, and thereby significantly extends and de-risks the northern part of the M&M Prospect. Shows were also encountered in the Upper Miss and Red Fork zones.

Geological Recommendation:

The Geological Recommendation, with management concurrence, is to set pipe to TD and complete the Osage. Exact perms are yet to be determined, but will likely be limited to the upper part of the zone of interest. The Kinderhook lime is not well-developed here, and therefore we do not have a good lower frac barrier. **To limit the risk of communicating with the wet Wilcox we should lower our frac rate significantly, perhaps to 30-40bpm.**



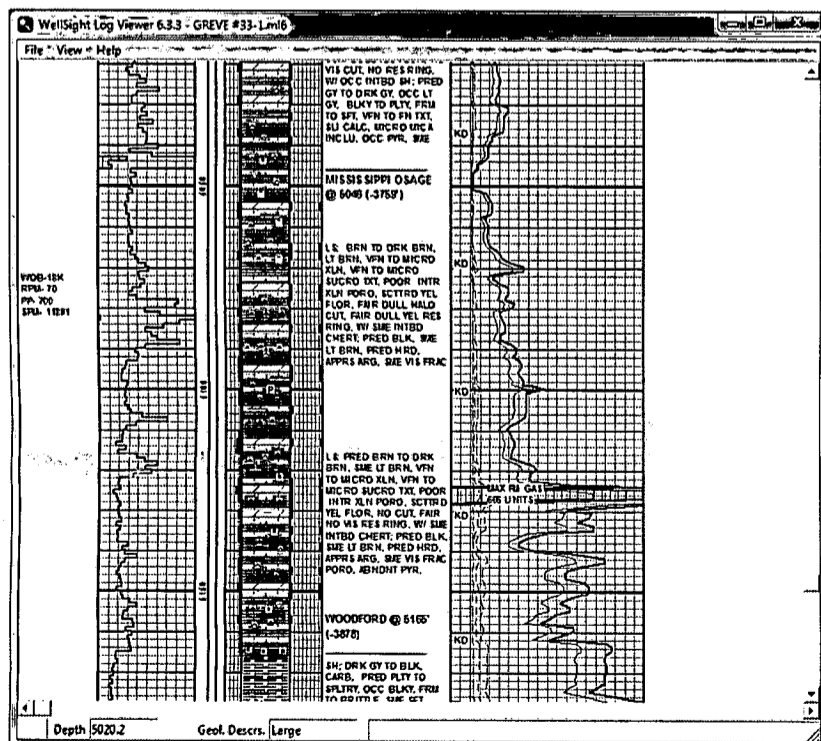
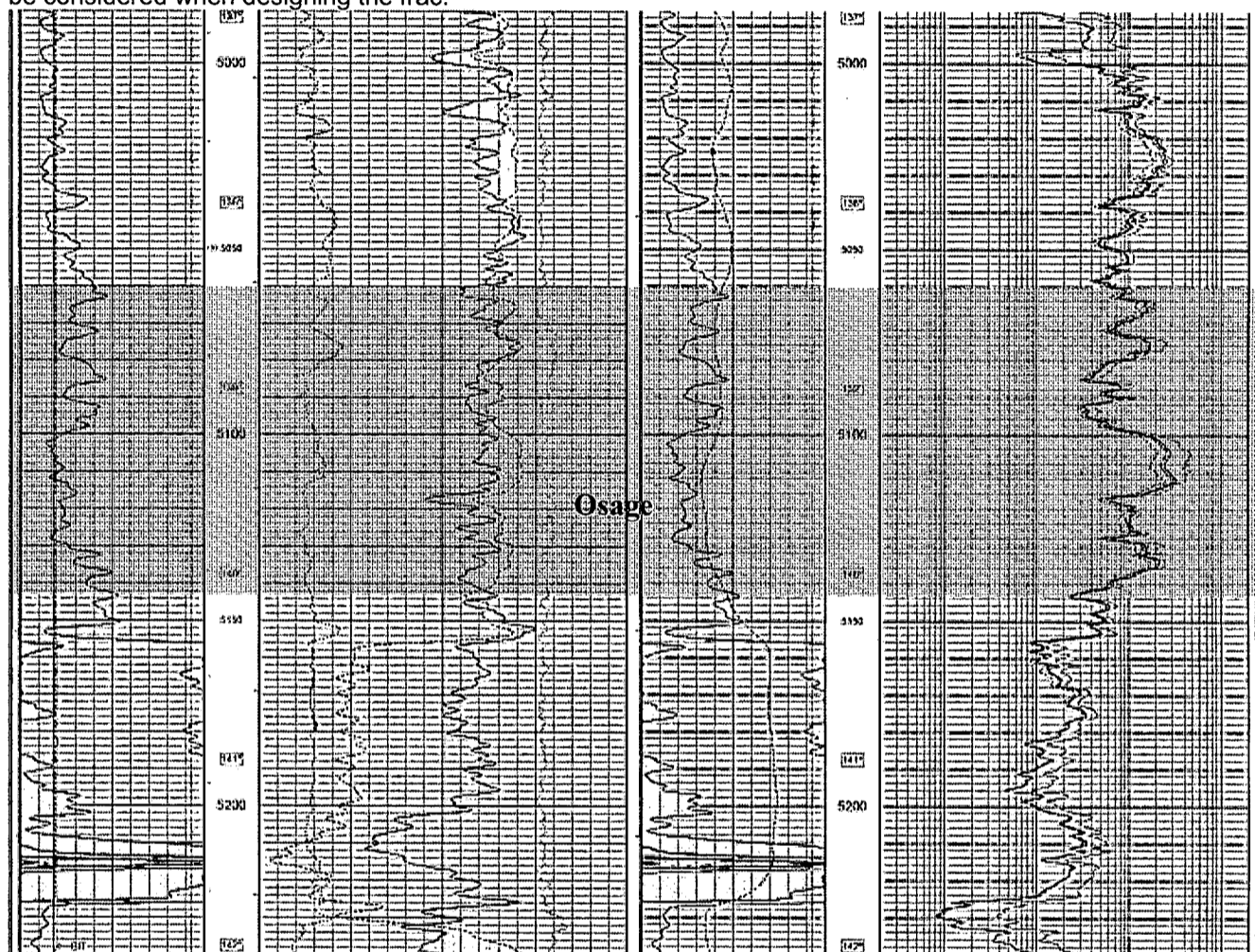
Geological Tops for KGS: (KB: 1286ft)

Base Heebner Shale: 3270'
Tonkawa Sand: 3630'
Big Lime: 4324'
Mississippi: 4704'
Woodford: 5156'
Base Woodford(Wilcox):5226'

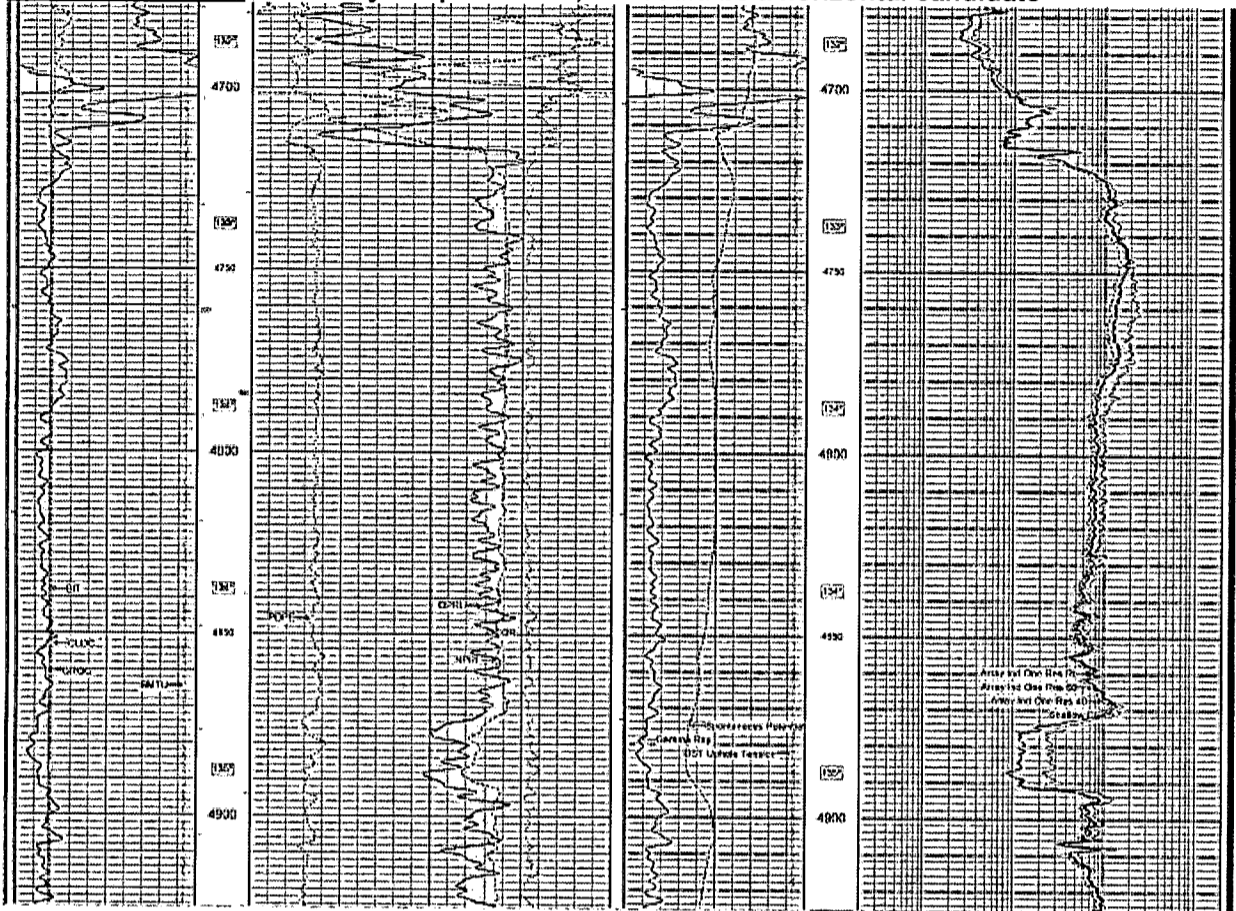
The following zones of interest were encountered:

Mississippian Osage : (Perfs to be determined) Probably productive, to test
 ~80ft of the Lyle Osage pay with gas-effected density porosity of 6-8%, very good resistivities mostly greater than 70 ohms, "dirty" gamma ray profile and cherty Pe curve profile, which is consistent with other good Osage wells in the trend. A gas increase was measured throughout this zone, with a 600unit show coming in the lower section, about 5118'. Samples showed the same black fractured dolomitic chert that we see in Lyle Osage wells.

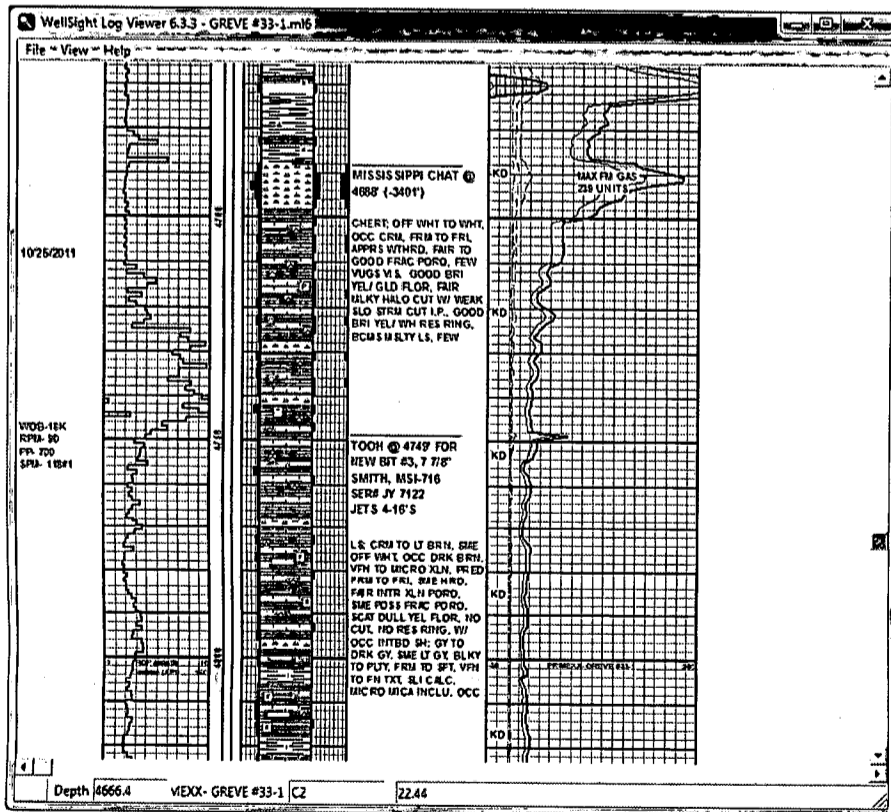
Note that there is only 4ft of hard Kinderhook lime at 5152. This lack of lower frac barrier should be considered when designing the frac.



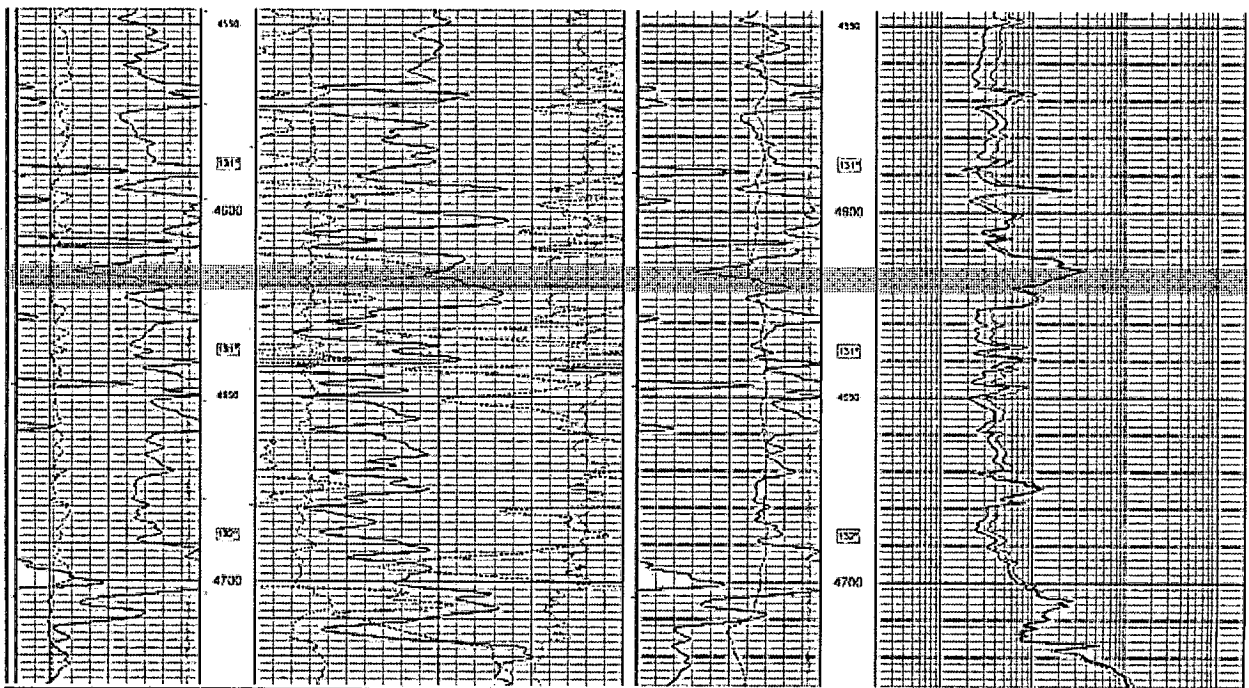
Upper Mississippi: Probably not productive, but could be a horizontal candidate



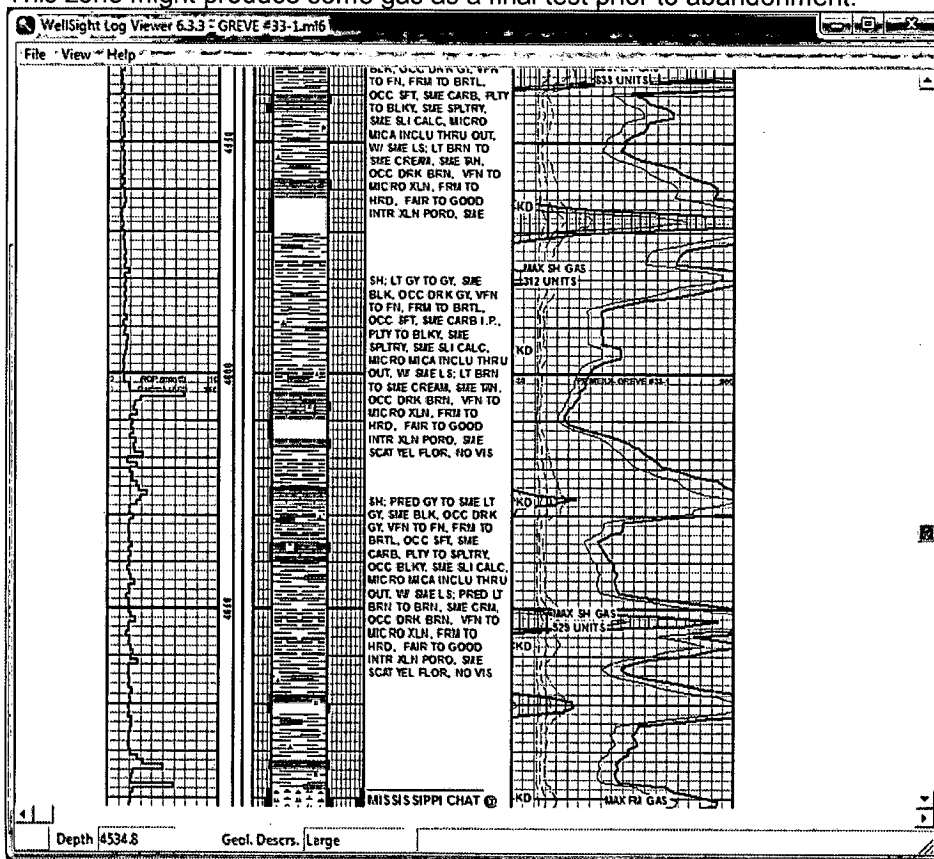
Four feet of Chat (only 22% porosity) and some erratic porosity development in the Upper Miss here. This zone is a very poor candidate for a vertical completion, but it may be a future target for horizontal drilling. Ten feet of chat was recovered in the samples with a small gas show.



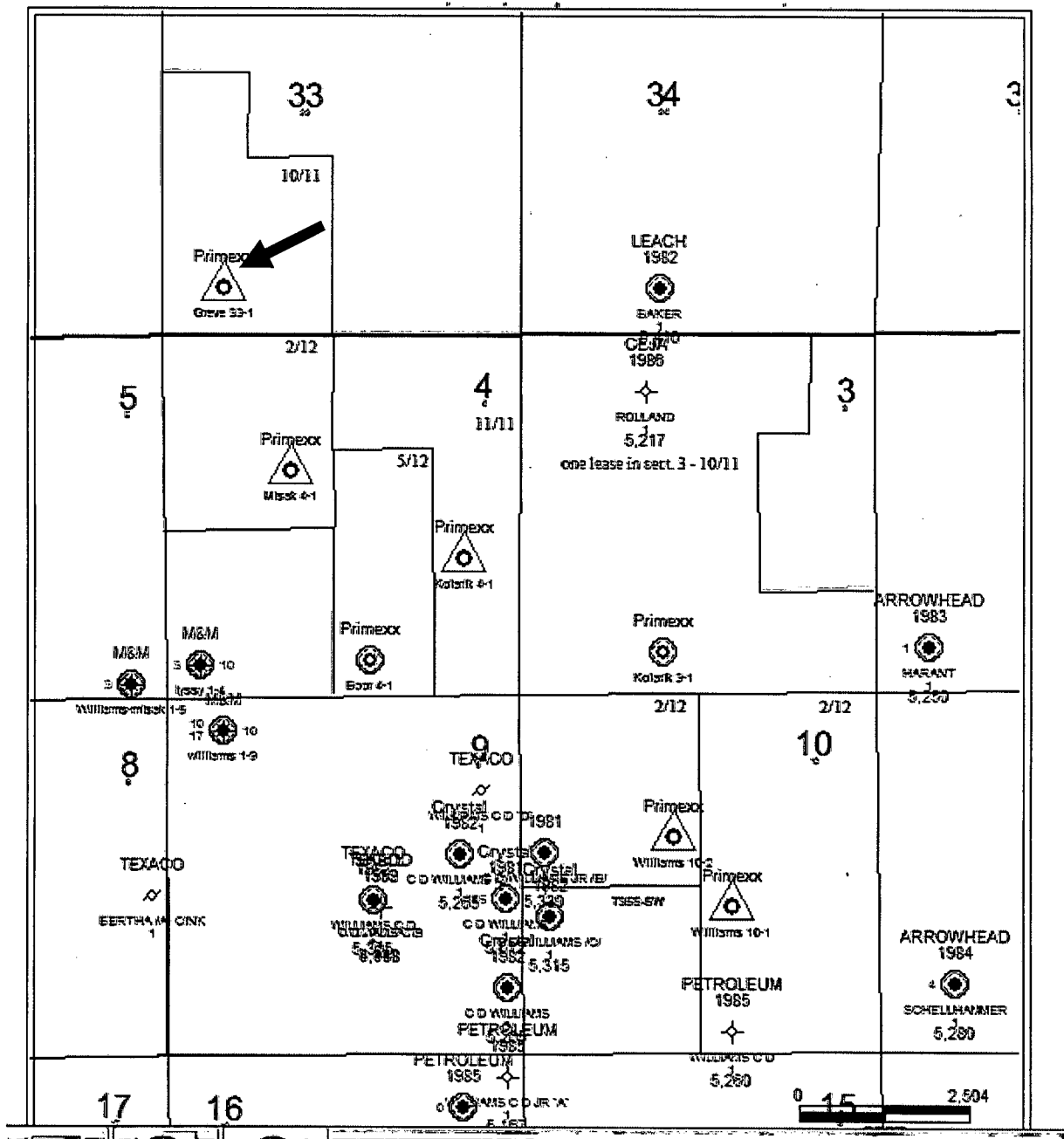
Red Fork: possibly productive, to test prior to abandonment



Two feet of clean sandstone with 12% crossed-over density porosity.
 Large gas shows in this area, but mostly caused by multiple streaks of hot shale.
 This zone might produce some gas as a final test prior to abandonment.



Production Map



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Osage High Productivity Facies Map

