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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 30380
Name: Hupfer Operating, Inc.
Address 1: P.O. Box 3912
Address 2: _____
City: Shawnee State: KS Zip: 66203 + 0912
Contact Person: Dennis D. Hupfer
Phone: (913) 400-3777
CONTRACTOR: License # 30380
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Jim Musgrove
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 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 #: _____

10/15/2012	10/19/2012	10/20/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 159-22,699-00-00
Spot Description: _____
SE NW Sec. 32 Twp. 19 S. R. 10 East West
1,980 Feet from North / South Line of Section
2,030 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rice
Lease Name: Cross Reach Farms Well #: 4
Field Name: Chase-Silica
Producing Formation: Arbuckle
Elevation: Ground: 1797 Kelly Bushing: 1805
Total Depth: 3295 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 251 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: 23,000 ppm Fluid volume: 320 bbls
Dewatering method used: Haul Free Fluidis
Location of fluid disposal if hauled offsite: _____
Operator Name: Bob's Oil Service, Inc.
Lease Name: Sieker # 1 (SWD) License #: 33625
Quarter NW/4 Sec. 35 Twp. 19 S. R. 11W East West
County: Barton Permit #: 26,497

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: Dennis D. Hupfer
Title: President Date: 11-29-12

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: 12/4/12

Operator Name: Hupfer Operating, Inc. Lease Name: Cross Reach Farms Well #: 4
 Sec. 32 Twp. 19 S. R. 10 East West County: Rice

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <u>Cased Hole - Gamma-Ray Neutron-Bond</u>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>Heebner</td> <td>2871</td> <td>-1066</td> </tr> <tr> <td>Toronto</td> <td>2893</td> <td>-1088</td> </tr> <tr> <td>Douglas</td> <td>2903</td> <td>-1098</td> </tr> <tr> <td>Brown Lime</td> <td>2990</td> <td>-1185</td> </tr> <tr> <td>Lansing</td> <td>3017</td> <td>-1212</td> </tr> <tr> <td>Arbuckle</td> <td>3290</td> <td>-1485</td> </tr> <tr> <td>RTD</td> <td>3295</td> <td>-1490</td> </tr> </table>	Name	Top	Datum	Heebner	2871	-1066	Toronto	2893	-1088	Douglas	2903	-1098	Brown Lime	2990	-1185	Lansing	3017	-1212	Arbuckle	3290	-1485	RTD	3295	-1490
Name	Top	Datum																							
Heebner	2871	-1066																							
Toronto	2893	-1088																							
Douglas	2903	-1098																							
Brown Lime	2990	-1185																							
Lansing	3017	-1212																							
Arbuckle	3290	-1485																							
RTD	3295	-1490																							

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 Pipe	12 1/4	8 5/8	23	251	Common	200	2%Gel&3%CC
Production String	7 7/8	5 1/2	14	3291	QPRO-C	100	

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
	Open Hole Completion 3291' to 3295'.	150 gals. 15% mud acid	3291' to 3295'

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>3202</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>Nov. 15, 2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>TSTM</u>	Water Bbls. <u>1400</u>
Gas-Oil Ratio		Gravity <u>44</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 checked="" type="checkbox"/> Open Hole <input 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>3291'-3295'</u> <u>Arbuckle</u>
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CROSS REACH FARMS #4 - DST's & Completion
API #15-159-22,699-00-00

DST #1: Arbuckle 3266' to 3295'. 20-30-20-30. Recovered 560' GIP, 375' muddy gassy oil, 40% gas, 40% oil, 20% mud plus 125' water. ISIP 855, FSIP 855, IFP 31-131, FFP 137-220.

COMPLETION: Drilled out packer shoe @ 3291' into 4' of open hole. Swab 10 BFPH, 6% oil. Acid with 150 gals. 15% mud acid. Swab 25 BFPH, 8% to 10% oil. Ran 2-7/8" tubing and submersible pump.



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 10/18/2012
 Invoice # 6046

P.O.#:

Due Date: 11/17/2012
 Division: Russell

Invoice

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Contact:
 Hupfer Operating Inc
Address/Job Location:
 Hupfer Operating Inc
 P.O. Box 3912
 Shawnee, KS 66203-0912

Reference:
 CROSS RANCH FARMS 4

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 991.39	No				
Common-Class A	200	\$ 2,722.97	Yes				
Bulk Truck Matl-Material Service Charge	211	\$ 458.17	No				
Calcium Chloride	7	\$ 362.22	Yes				
Flo Seal	100	\$ 217.14	Yes				
Pump Truck Mileage-Job to Nearest Camp	21	\$ 227.54	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	21	\$ 133.15	No				
Premium Gel (Bentonite)	4	\$ 70.70	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 5,183.29
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (777.49)

SubTotal for Taxable Items: \$ 2,867.08
 SubTotal for Non-Taxable Items: \$ 1,538.72

7.30% Rice County Sales Tax

Total: \$ 4,405.79
 Tax: \$ 209.30
Amount Due: \$ 4,615.09
Applied Payments:
Balance Due: \$ 4,615.09

Thank You For Your Business!

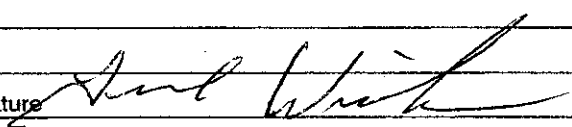
Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Fax 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6046

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-15-12	32	19	10	Rice	KS		9:30PM
Cross Reach Farms				Location S. 1/4 E 3/4 W W. 1/4			
Lease			Well No. 4	Owner			
Contractor D. Swain #2			To Quality Oilwell Cementing, Inc.				
Type Job Surface			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Hole Size 12 1/4		T.D. 251		Charge To		Water Operations	
Csg. 8 5/8		Depth 251		Street			
Tbg. Size		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. 15'		Shoe Joint		Cement Amount Ordered 200 com 3 1/2" 2 1/2" 1 1/2"			
Meas Line		Displace 15 BCL		1/2 Flowseal per sk			
EQUIPMENT				Common 200			
Pumptrk 16	No.	Cement Helper	Smig	Poz. Mix			
Bulktrk	No.	Driver	Travis	Gel. 4			
Bulktrk 14	No.	Driver	Cody	Calcium 7			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal 100 #			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
8 5/8 case ham. Bst. Circulation				Handling 211			
Mix 200 sk & Displace.				Mileage			
Cement Circulated				FLOAT EQUIPMENT			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge Surface			
				Mileage 21			
Signature 				RECEIVED			
				DEC 03 2012			
				KCC WICHITA			
				Tax		Discount	
				Total Charge			



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 10/24/2012
 Invoice # 5245

P.O.#:
 Due Date: 11/23/2012
 Division: Russell

Invoice

Contact:
 Hupfer Operating Inc
 Address/Job Location:
 Hupfer Operating Inc
 P.O. Box 3912
 Shawnee, KS 66203-0912

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Reference:
 CROSS RANCH FARMS 4

Description of Work:
 PROD LONG STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 991.39	No				
Common-Class A	145	\$ 1,974.15	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	21	\$133.15	No
trial Rubber Cementing Shoe Packer Type, 5 1/2"	1	\$ 1,444.00	Yes				
Gilsonite	725	\$ 1,180.71	Yes				
Mud Clear	500	\$ 401.71	Yes				
Bulk Truck Mat-Material Service Charge	165	\$ 358.29	No				
5 1/2" Basket	1	\$ 249.71	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 243.20	Yes				
Pump Truck Mileage-Job to Nearest Camp	21	\$ 227.54	No				
Salt (Fine)	13	\$ 197.04	Yes				
5 1/2" Turbolizer	3	\$ 188.91	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 7,589.82
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,138.47)

SubTotal for Taxable Items:	\$ 4,997.53
SubTotal for Non-Taxable Items:	\$ 1,453.81
Total:	\$ 6,451.34
Tax:	\$ 364.82
Amount Due:	\$ 6,816.16
Applied Payments:	
Balance Due:	\$ 6,816.16

7.30% Rice County Sales Tax

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.

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QUALITY OILWELL CEMENTING, INC.

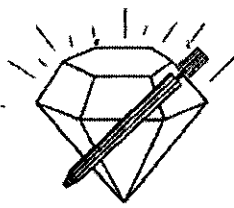
Phone 785-483-2025
 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5245

Date	10-20-12	Sec.	92	Twp.	19	Range	10	County	Rice	State	KS	On Location		Finish	7:30 AM			
Lease	Rice	Well No.		Location	Silica 1E 3/4 N Winto													
Contractor	Discroy Big 2							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Type Job	Long string							Charge To	Hupfer Operating									
Hole Size	7 7/8							T.D.	3295									
Csg.	5 1/2							Depth	3298.76									
Tbg. Size								Depth										
Tool								Depth										
Cement Left in Csg.	32.55ft							Shoe Joint	32.55ft									
Meas Line	14 #							Displace	79.3/4 BBL									
EQUIPMENT													Cement Amount Ordered			145 Q pro C 10% Salt		
Pumptrk	9	No.		Cementer	Helper [Signature]													
Bulktrk	8	No.		Driver	Date													
Bulktrk	DU	No.		Driver	Cody													
JOB SERVICES & REMARKS													5% Gilsonite					
Remarks:																		
Rat Hole																		
Mouse Hole																		
Centralizers	2, 6, 8																	
Baskets	4th																	
D/V or Port Collar																		
GP Cross Reach Farms #4													Sand					
Dandad plug float head													Handling			165		
													FLOAT EQUIPMENT					
													Guide Shoe					
													Centralizer			3 Turbo 5 1/2		
													Baskets			1 5/2		
													AFU Inserts					
													Float Shoe					
													Latch Down					
													Pumptrk Charge			Proal Long string		
													Mileage			21		
Signature [Signature]													Tax					
													Discount					
													Total Charge					

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DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC/Crossreachfarms4 dst1

Company Hupfer Operating, Inc. Lease & Well No. Cross Reach Farms No. 4
 Elevation 1797 GL Formation Arbuckle Effective Pay Ft. Ticket No. J3030
 Date 10-19-12 Sec. 32 Twp. 19S Range 10W County Rice State Kansas
 Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,266 ft. to 3,295 ft. Total Depth 3,295 ft.
 Packer Depth 3,261 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 3,266 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,269 ft. Recorder Number 30046 Cap. 6,000 psi.
 Bottom Recorder Depth (Outside) 3,292 ft. Recorder Number 11073 Cap. 4,000 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Discovery Drilling - Rig 2 Drill Collar Length 30 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 52 Weight Pipe Length ft I.D. in.
 Weight 9.0 Water Loss 9.2 cc. Drill Pipe Length 3,216 ft I.D. 3 1/2 in.
 Chlorides 4,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 29 ft. Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 5 mins. No blow back during shut-in.
 2nd Open: Strong blow. Off bottom of bucket in 4 mins. Weak, 3 in. blow back during shut-in.

Recovered 560 ft. of gas in pipe
 Recovered 375 ft. of mud cut gassy oil = 5.336250 bbls. (Grind out: 40%-gas; 40%-oil; 20%-mud)
 Recovered 125 ft. of water = 1.499450 bbls. (Chlorides: 16,000 Ppm)
 Recovered 500 ft. of TOTAL FLUID = 6.835700 bbls.

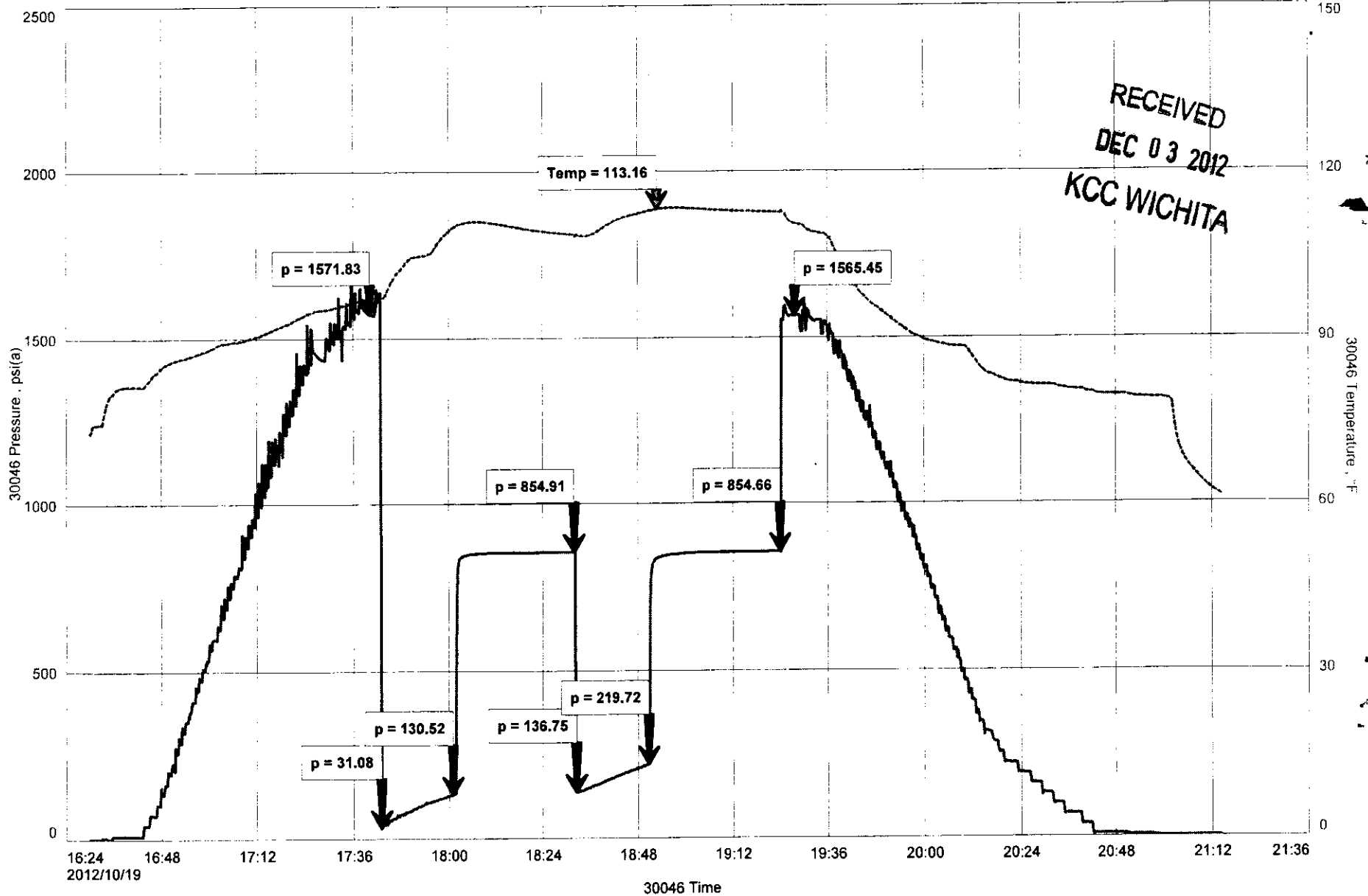
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Remarks

Time Set Packer(s) 5:45 P.M. Time Started off Bottom 7:25 P.M. Maximum Temperature 113°
 Initial Hydrostatic Pressure.....(A) 1572 P.S.I.
 Initial Flow Period.....Minutes 20 (B) 31 P.S.I. to (C) 131 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 855 P.S.I.
 Final Flow Period.....Minutes 20 (E) 137 P.S.I. to (F) 220 P.S.I.
 Final Closed In Period.....Minutes 30 (G) 855 P.S.I.
 Final Hydrostatic Pressure.....(H) 1565 P.S.I.

CROSS REACH FARMS #4



SUP FOR CORAD 1067 ST-1
ROSS RUBEN FRANK 1011862

RCR 11/8/73
OUTS 410

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GENERAL INFORMATION

Client Information:

Company: HUPFER OPERATING INC
Contact: DENNIS HUPFER
Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE
Phone: Fax: e-mail:

Well Information:

Name: CROSS REACH FARMS #4
Operator: HUPFER OPERATING INC
Location-Downhole:
Location-Surface: S32/19S/10W

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: JIM MUSGROVE
Test Type: CONVENTIONAL Job Number: D1234
Test Unit:
Start Date: 2012/10/19 Start Time: 16:30:00
End Date: 2012/10/19 End Time: 21:10:00
Report Date: 2012/10/19 Prepared By: JOHN RIEDL
Qualified By: JIM MUSGROVE

Remarks:

RECOVERY: 560' GAS IN PIPE, 375' MUD CUT GASSY OIL, 125' WATER