

ORIGINAL

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

Form ACO-1  
September 1999  
Form Must Be Typed

*contd.  
5/9/08  
SJC*

Operator: License # 6120  
Name: Cabot Oil & Gas Corporation  
Address: 600 17th Street, Suite 900N  
City/State/Zip: Denver, CO 80202  
Purchaser: DRY HOLE - NEVER HOOKED UP WELL  
Operator Contact Person: Jean Arnold - Prod. Tech.  
Phone: ( 303 ) 226-9443  
Contractor: Name: Cheyenne Drig Div of Trinidad Drilling LTD Partnership Rig #2  
License: 33784 Woodward, OK PH#:(580) 256-7226  
Wellsite Geologist: Petroleum Mud Logging Inc.

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: N/A  
Well Name: N/A  
Original Comp. Date: N/A Original Total Depth: N/A  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

7-7-07 7-14-07 @ 9:15 AM 1-11-08  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 175-22091-0000  
County: Seward  
SE SE SW Sec. 7 Twp. 34 S. R. 33  East  West  
330' feet from S / N (circle one) Line of Section  
2248' feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Metcalf Well #: 3-7

Field Name: Hugoton  
Producing Formation: Chase (Dry)  
Elevation: Ground: 2,892' Kelly Bushing: 2,904'  
Total Depth: 6,730' Plug Back Total Depth: 3,170'  
Amount of Surface Pipe Set and Cemented at 1,512' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N/A Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to N/A w/ N/A sx cmt.  
*PA-Dig - 6/25/08*

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content 3500 ppm Fluid volume 2000 bbls  
Dewatering method used Evaporation and dry out  
Location of fluid disposal if hauled offsite:  
Operator Name: N/A  
Lease Name: N/A License No.: N/A  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

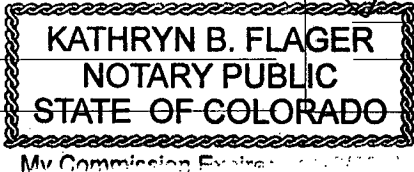
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jean Arnold  
Title: Production Tech. Date: 5/5/08

Subscribed and sworn to before me this 5 day of May,  
20 08.

Notary Public: Kathryn B. Flager  
Date Commission Expires: 11-12-2011



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: 5/9/08  
 Wireline Log Received not RECEIVED  
KANSAS CORPORATION COMMISSION  
Geologist Report Received  timely  
UIC Distribution  
MAY 08 2008  
CONSERVATION DIVISION  
WICHITA, KS  
*CC - Jean H.*

Operator Name: Cabot Oil & Gas Corporation Lease Name: Metcalf Well #: 3-7  
 Sec. 7 Twp. 34 S. R. 33  East  West County: Seward

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Datum \_\_\_\_\_  
 See attached csg record and formation info

List All E. Logs Run:

High Definition Induction Log / GR  
 Compensated Z-Densilog/ CNL/ GR/ Minilog  
 Sonic CBL / GR / CCL  
 Mud log

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#, J-55 ST&C	1,512'	65:35:6 Poz	600 sx	2% CC+1/4#/SX Flo-seal
					Class C	250 sx Total 850	2% CC +3% CC
							See attached csg record

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3300 / 3450	Class A	55	1% CC

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	Herrington (2636-2640), U. Krider (2664-2668)	Acidize Winfield		2760-2766
1 SPF	L.Krider(2698-2702), 2704-2708, 2710-2712,2716-2720, 2722-2727	500 gals 15% NEFE acid, flush w/11 bbls 2% KCL.		
1 SPF	Winfield (2760-2766)	Acidize L.Krider w/1000 gals 15% NEFE acid		2698-2727
		Acidize U.Krider w/500 gals 15% NEFE acid		2664-2668
		Acidize Herrington 1000 gal. 15% NEFE acid		2636-2640

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2,568' w/ 12' KB		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
DRY	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) Well is currently waiting on being plugged  
 Production Interval: \_\_\_\_\_

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MAY 08 2008

CONSERVATION DIVISION  
 WICHITA, KS



**Cabot Oil & Gas Corporation**  
**Metcalf 3-7**  
**(SE SE SW) 330' FSL & 2,248' FWL**  
**Sec. 7-T34S-R33W**  
**Seward County, KS**  
**API# 15-175-22091**

Purpose of String	Size Hole Dr'd	Size Csg. Set	Weight Lbs/Ft.	Setting Depth	Type of Cement	# Sacks Used	Type & Percent Additives
Surface	12-1/4"	8-5/8"	24#, J-55 ST&C	1,512'	65:35:6	600	2% CaCl <sub>2</sub> + 1/4#/sk Flo-seal
"	"	"	"	"	Class C Top out with	150 100	2% CaCl <sub>2</sub> 3% CaCl <sub>2</sub>
"	"	"	"	"	"	<b>850 Total</b>	
Production	7-7/8"	4-1/2"	11.6#, LT&C M-80	3,215'	Class H	550	10% salt 2#/sk Kol seal + 0.6% gas block + 0.8% fluid loss
"	"	2-7/8" 4-1/2"	XH	3,450'	Class A	<b>55 Total</b>	1% CC plug

**Tops for Metcalf 3-7**

Formation	Depth	Datum
Chase	2,626'	2,904' KB
Council Grove	3,024'	
Wabaunsee	3,494'	
Base of Heebner Shale	4,353'	
Toronto	4,358'	
Lansing	4,479'	
Marmaton	5,205'	
Atoka	5,748'	
Morrow	5,823'	
Lower Morrow Sand	6,040'	
Chester	6,108'	
Ste. Genevieve	6,436'	

**FRAC DETAIL**

Formation	Interval & SPF
Herrington	2636-2640 ( 2 SPF)
U.Krider	2664-2668 (2 SPF)
L.Krider	2698-2702, 2704-2708, 2710-2712, 2716-2720, 2722-2727 (1 SPF)
<b>Start Vapor Frac - Light Prop 108</b>	
Stage 1 N2 Pad	24.5 BPM w/1,123# Ave Treating Pressure: 100% N2
Stage 2 Light Prop 108	25.5 BPM w/1,107# Ave Treating Pressure: 98% N2
Stage 3 Light Prop 108	26.6 BPM w/1,368# Ave Treating Pressure: 97% N2
Stage 4 Light Prop 108	27.8 BPM w/2,373# Ave Treating Pressure: 95% N2
Stage 5 N2 Pad w/25 0.9 lb B.S.	25.7 BPM w/3,596# Ave Treating Pressure: 100% N2
Stage 6 Light Prop 108	10.6 BPM w/4,942# Ave Treating Pressure: 97% N2
Stage 7 Light Prop 108	Cut Light Prop after stage 6 went to N2 Flush
Stage 8 Light Prop 108	Did not pump stage 8.
Stage 9 N2 Flush	20.3 BPM w/4,847# Ave Treating Pressure: 100% N2

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KANSAS CORPORATION COMMISSION

**MAY 08 2008**

**Confidential Log Request (Max. 2 years)**



Dominion Plaza Building  
600 17<sup>th</sup> Street, Suite 900N  
Denver, CO 80202  
PH#: 303-226-9400  
FAX#: 303-226-4063

Tuesday, May 06, 2008

State Corp Commission of KS  
Conservation Division  
130 S. Market Room 2078  
Wichita, KS 67202-1212  
PH#: (316) 337-6223

RE: **COGC Confidential Letter Request for all Logs & Completion Information**  
**Metcalf #3-7**  
**(SE SE SW) 330' FSL & 2248' FWL**  
**Sec. 7-T34S-R33W**  
**Seward County, KS**  
**API# 15-175-22091**

To Whom It May Concern:

Cabot Oil & Gas Corporation requests a maximum of 2 years on the **Metcalf 3-7** for all logs and completion information (ACO-1) to be held confidential, the well information is referenced above.

If you have any questions, please do not hesitate to call at 303-226-9400.

Sincerely,

Jean Arnold  
Production Tech.

/jaa/H:/KCC letters/confidential letter for KS logs (Metcalf 3-7)

cc: Well File

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 08 2008  
CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

24469

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Med Lodge*

DATE <i>7-8-07</i>	SEC. <i>07</i>	TWP. <i>34s</i>	RANGE <i>33w</i>	CALLED OUT <i>2:30pm</i>	ON LOCATION <i>8:00pm</i>	JOB START <i>5:25am</i>	JOB FINISH <i>1:30pm</i>
LEASE <i>Metcalf</i>	WELL # <i>3-7</i>	LOCATION <i>183 + 51 pt 4/5</i>		COUNTY <i>Seward</i>	STATE <i>KS</i>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<i>2w</i>				

CONTRACTOR *Cheyenne #2* OWNER *Calot Oil + Gas*

TYPE OF JOB <i>Surface</i>	CEMENT
HOLE SIZE <i>12 1/4</i>	AMOUNT ORDERED <i>600 65/35 6</i>
CASING SIZE <i>8 5/8</i>	<i>2E cc + 1/4 # flo seal + 150 cc 28cc</i>
TUBING SIZE	<i>200 cc cement &amp; U Seal 100 cc</i>
DRILL PIPE	<i>+ 72 cc</i>
TOOL	COMMON <i>250 C @ 15.40 3850.00</i>
PRES. MAX <i>1100</i>	POZMIX @
MEAS. LINE	GEL @
CEMENT LEFT IN CSG. <i>42ft</i>	CHLORIDE <i>24 @ 46.60 1118.40</i>
PERFS.	ASC @
DISPLACEMENT <i>95 bbls water</i>	<i>ALW 600 @ 11.85 7110.00</i>

EQUIPMENT

PUMP TRUCK # <i>372</i>	CEMENTER <i>Mark B</i>	HELPER <i>Darin</i>	
BULK TRUCK # <i>363</i>	DRIVER <i>Randy M</i>		
BULK TRUCK # <i>356</i>	DRIVER <i>Heath</i>		
<i>364 Mike B</i>			

REMARKS:

*Pipe on bottom + circulate  
pump 3 fresh mix 600 cc  
U Seal + 150 cc of tool  
Shut down pump, release  
plug - Start displacement  
slow rate to 3 bpm, bump  
plug at 95 bbls + 600 psi  
plug down at 6:30 am cement did not cure  
float did not hold, top out with 100 cc  
32cc*

CHARGE TO: *Calot Oil + Gas*

CITY \_\_\_\_\_ STATE \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE *[Signature]*

HANDLING <i>1012</i>	@ <i>1.90</i>	<i>1922.80</i>
MILEAGE <i>20 x 1012 x</i>	<i>.09</i>	<i>1821.60</i>
		TOTAL <i>16122.80</i>

SERVICE

DEPTH OF JOB <i>1515</i>		
PUMP TRUCK CHARGE		<i>1610.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>00</i>	@ <i>6.00</i>	<i>120.00</i>
MANIFOLD	@	
<i>Heard Rental</i>	@ <i>100.00</i>	<i>100.00</i>
		TOTAL <i>1830.00</i>

PLUG & FLOAT EQUIPMENT

<i>8 3/8</i>		
<i>1- guide shoe</i>	@ <i>250.00</i>	<i>250.00</i>
<i>1- Sure seal collar</i>	@ <i>600.00</i>	<i>600.00</i>
<i>5- Centralizers</i>	@ <i>55.00</i>	<i>275.00</i>
<i>3- Stop Rings</i>	@ <i>29.00</i>	<i>87.00</i>
<i>1- Rubber plug</i>	@ <i>100.00</i>	<i>100.00</i>

ANY APPLICABLE TAX TOTAL *1312.00*  
WILL BE CHARGED  
UPON INVOICING

TOTAL CHARGE ~~16122.80~~  
DISCOUNT ~~16122.80~~ IF PAID IN 30 DAYS

PRINTED NAME

**SouthWest Acid Services, LLC**

**TREATMENT REPORT**

Customer <b>CABOT OIL &amp; GAS</b>		Lease Name <b>METCALF</b>	
Date <b>9-27-07</b>		Well # <b>3-7</b>	Legal Description
Ticket # <b>1159</b>	Formation <b>CHASE</b>	Casing <b>4 1/2</b>	Tubing <b>2 3/8</b>
Job Type <b>ACID BREAKDOWN</b>		Formation <b>SEWARD COUNTY, KANSAS</b>	
Pipe Date		Perforating Date	
Casing Size	Tubing Size	Shots/Ft	
Depth	Depth	From	To
Volume	Volume	From	To
Max PSI	Max PSI	From	To
Well Connection	Annulus Volume	From	To
Plug Depth	Packer Depth	From	To
Customer		Fluids	
Treater		Acid	Type
Driver		Volume	
Flux		Type	Volume
Rate		ISIP	
Max		5 Min	
Min		10 Min	
Avg		15 Min	
N2 Volume		Total Load	

Time	Casing Pressure	Tubing Pressure	Bbl Pumped	Rate	Jog Log
					<b>3RD STAGE - 500 GAL</b>
1934		0	0	3	<b>START ACID</b>
1935		3600	6.4	5	<b>HOUS LOADED</b>
1936		1800		4.5	<b>FORMATION BROKE</b>
1937		1400	12	5.5	<b>START FLUSH</b>
1940		1250	23	5.3	<b>SHUT DOWN</b>
		VAC			<b>ISIP</b>
					<b>MOVE TOOLS</b>
					<b>STAGE 4 - 1000 GAL</b>
1957		40	0	3	<b>START ACID</b>
2000		3210	6.3		<b>HOUS LOADED</b>
		1350		5	<b>FORMATION BROKE</b>
2005		1350	24	5	<b>START FLUSH</b>
2008		350	33	3.4	<b>SHUT DOWN - JOB COMPLETE</b>
		VAC			<b>ISIP</b>

**ACID BLEND FOR 1000 GALLONS**

- 15% HCL W/STP
- 10 gal Ion 1
- 10 gal Ion 2
- 2 gal AI-1
- 2 gal NB-1
- 1 gal LOWSUF1
- 1 gal CUSTAY P

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CONSERVATION DIVISION  
WICHITA, KS

THANK YOU FOR CALLING  
SOUTHWEST ACID SERVICES  
DICK & RICE

Metcalf 3-7

**SouthWest Acid Services, LLC**

**TREATMENT REPORT**

Customer <b>CAROT OIL &amp; GAS</b>		Lease Name <b>METCALF</b>	
Date <b>9-27-07</b>		Well # <b>3-7</b>	Legal Description
Ticket # <b>1189</b>	Formation <b>CHASE</b>	Casing <b>4 1/2</b>	Tubing <b>2 3/8</b>
Job Type <b>ACID BREAKDOWN - 4 STAGE</b>		Formation <b>SEWARD COUNTY KANSAS</b>	
<b>4 1/2</b> Pipe Data Casing Size	<b>2 3/8</b> Tubing Size	Perforating Date Shots/Ft	Customer <b>JOE VARGASQUEZ</b>
Depth	Depth	From	To
		<b>2716'</b>	
Volume	Volume	From	To
		<b>2698</b>	<b>2722</b>
Max PSI	Max PSI	From	To
		<b>2664</b>	<b>68'</b>
Well Connection	Annulus Volume	From	To
		<b>2636</b>	<b>40'</b>
Plug Depth	Packer Depth	From	To
Treater <b>DINOELIS</b>		Fluids	
Driver <b>R BOGEMAN</b>		Acid Type	Volume
Truck <b>12-1T</b>		<b>15%</b>	<b>WFE</b>
		Flush Type	Volume
			<b>3000 GAL</b>
		Treatment Resume	
		Rate	Pressure
		ISIP	
		Max	<b>5</b>
		Min	<b>3</b>
		Avg	<b>3</b>
			<b>3210</b>
			<b>100</b>
			<b>1800</b>
		N2 Volume	
			<b>174 GAL</b>

Time	Casing Pressure	Tubing Pressure	Bbl Pumped	Rate	Jog Log
					ON LOCATION
					SAFETY MEETING
1820		0	0	2.7	1 <sup>ST</sup> STAGE - 500 GAL START ACID
1821			1	1.5	HOLE LOADED
1821		1200		3	FORMATION BEGINS
			11	3	ACID ON BOTTOM
1827		100	12	3	START FLUSH
1830		180	23	3	SHUT DOWN
		150			ISIP
					MOVE TOOLS
					2 <sup>ND</sup> STAGE - 1000 GAL
1855		60	3	0	START ACID
1857		3020	4.4	6	HOLE LOADED
		1890	4.7		FORMATION BEGINS
1900		800	5.1	24	START FLUSH
1903		780	5.1	35	SHUT DOWN
					ISIP
					MOVE TOOLS

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MAY 08 2008  
CONSERVATION DIVISION  
WICHITA, KS

CONTINUED ON NEXT PAGE

# ALLIED CEMENTING CO., INC.

31073

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge, KS*

DATE <i>16 Jul 07</i>	SEC. <i>07</i>	TWP. <i>34s</i>	RANGE <i>33W</i>	CALLED OUT <i>2:00PM</i>	ON LOCATION <i>7:00PM</i>	JOB START <i>11:30PM</i>	JOB FINISH <i>12:00AM</i>
LEASE <i>Metalf</i>	WELL # <i>3-7</i>	LOCATION <i>83 &amp; 51 sec, 4s, 2w</i>			COUNTY <i>Seward</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <u>NEW</u>		<i>3/4s, E into</i>					

CONTRACTOR *Cheyenne #2*

TYPE OF JOB *Plug Back*

HOLE SIZE *7 7/8* T.D. \_\_\_\_\_

CASING SIZE *8 5/8* DEPTH *1515'*

TUBING SIZE *2 7/8* DEPTH *599 - 3505*

DRILL PIPE *4 1/2* DEPTH *2906'*

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX *400* MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT *N/A*

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT *1 1/2 Bbls Fresh H<sub>2</sub>O & 40 Bbls Mud*

OWNER *Cabot oil & gas co.*

CEMENT AMOUNT ORDERED *55 sx "A" + 1% cc*

COMMON	<i>55 A</i>	@	<i>12.60</i>	<i>693.00</i>
POZMIX		@		
GEL		@		
CHLORIDE	<i>1</i>	@	<i>46.60</i>	<i>46.60</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>56</i>	@	<i>1.90</i>	<i>106.40</i>
MILEAGE	<i>20 x 56 x .09</i>			<i>250.00</i>
	<i>min chrg</i>			
				<b>TOTAL <i>1096.00</i></b>

**EQUIPMENT**

PUMP TRUCK # *343* CEMENTER *D. Felio*  
HELPER *S. Kramer*

BULK TRUCK # *356* DRIVER *G. Kessler*

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

*Drill Pipe and Tubing at 3505', Break Circ., Pump 10 Bbls Fresh H<sub>2</sub>O, Mix 55 sx "A" + 1% cc, Pump 1 1/2 Bbls Fresh H<sub>2</sub>O, Disp. w/ 40 Bbls Pulling Mud, Pull Pipe to 3250 circ. Hole Clean.*

**SERVICE**

DEPTH OF JOB *3505*

PUMP TRUCK CHARGE *1610.00*

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE *20* @ *6.00* *120.00*

MANIFOLD @ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

CHARGE TO: *Cabot oil & gas Co.*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

TOTAL *1730.00*

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MAY 08 2008  
CONSERVATION DIVISION  
WICHITA, KS

**PLUG & FLOAT EQUIPMENT**

ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as-is-listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE *[Signature]*

PRINTED NAME \_\_\_\_\_



# ALLIED CEMENTING CO., INC.

31074

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge, KS

DATE <u>17 Jul 07</u>	SEC. <u>07</u>	TWP. <u>34s</u>	RANGE <u>33w</u>	mon CALLED OUT <u>2:00PM</u>	mon ON LOCATION <u>7:00PM</u>	JOB START <u>10:20AM</u>	JOB FINISH <u>11:30AM</u>
LEASE <u>Metcalf</u>	WELL # <u>3-7</u>	LOCATION <u>B &amp; 51<sup>st</sup> Jct, 4s, 2w 3/4s, KS</u>			COUNTY <u>Seward</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		e/into					

CONTRACTOR Cheyenne #2  
 TYPE OF JOB Production Casing  
 HOLE SIZE 7 7/8 T.D.  
 CASING SIZE 4 1/2 DEPTH 3218  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 1400 MINIMUM  
 MEAS. LINE SHOE JOINT 42.06  
 CEMENT LEFT IN CSG. 42  
 PERFS.  
 DISPLACEMENT Bbls 4% KCL Water

OWNER Cabot oil & gas co.  
 CEMENT AMOUNT ORDERED 550sx"H" + 10% gyp + 10% salt + 2# Kol Seal + .8% FL-160 + .6% gas Block & Deformer, AND 11 gals Clapro  
 COMMON 550 H @ 13.40 7370.00  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
Gyp Seal 52 @ 23.35 1214.20  
Salt 59 @ 9.60 566.40  
Kol Seal 1100 # @ .70 770.00  
FL-160 414 # @ 10.65 4409.10  
GAS Block 310 # @ 8.90 2759.00  
Clapro 11 gal @ 25.00 275.00  
Deformer 77 # @ 7.20 554.40  
 HANDLING 699 @ 1.90 1328.10  
 MILEAGE 20 x 699 x .09 1258.20  
 TOTAL 20504.40

EQUIPMENT

PUMP TRUCK CEMENTER D. Felio  
 # 343 HELPER S. Kramer  
 BULK TRUCK DRIVER H. McMurray  
 # 368  
 BULK TRUCK DRIVER G. Kessler  
 # 356

REMARKS:

Pipe on Bttm, Break Circ, Pump 550sx  
Lead cement, Stop Pump, Wash Pump & lines,  
Release Plug, Start Disp. w/ 4% KCL water,  
See Steady increase in PST, Slow Rate,  
Bump Plug at 50 Bbls total  
4% KCL Water Disp., Release PST,  
Floats Did

SERVICE

DEPTH OF JOB 3218  
 PUMP TRUCK CHARGE 1610.00  
 EXTRA FOOTAGE @  
 MILEAGE 20 @ 6.00 N/C  
 MANIFOLD head rental @ 100.00 100.00  
Wait Time - 8 hrs @ 200.00 1600.00  
 TOTAL 3310.00

CHARGE TO: Cabot oil & gas Co.  
 STREET  
 CITY STATE ZIP

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 08 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

4 1/2" PLUG & FLOAT EQUIPMENT

1-TRP @ 55.00 55.00  
 1-Sure seal shoe @ 385.00 385.00  
 1-Sure seal float collar @ 340.00 340.00  
 9 - turbolizers @ 60.00 540.00  
 9 - centralizers @ 45.00 405.00  
 3 - stop rings @ 25.00 75.00  
 TOTAL 1800.00

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TAX  
 TOTAL CHARGE  
 DISCOUNT - IF PAID IN 30 DAYS

SIGNATURE [Signature]

ANY APPLICABLE TAX  
 WILL BE CHARGED  
 UPON INVOICING

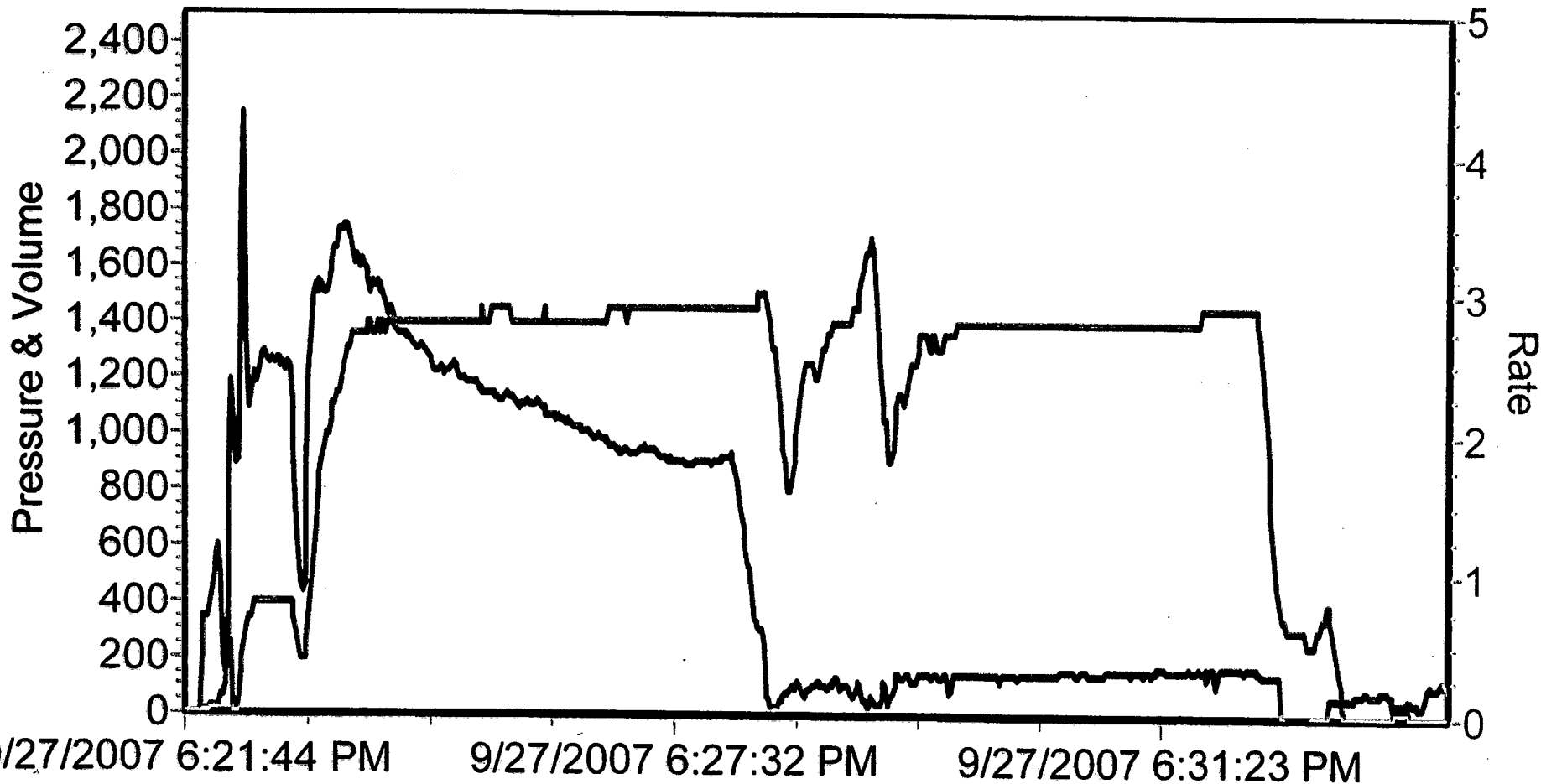
# Cabot Oil & Gas Metcalf #3-7 1st Stage

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 08 2008

CONSERVATION DIVISION  
WICHITA, KS

— Pressure 1 — Rate 2



SouthWest Acid Services

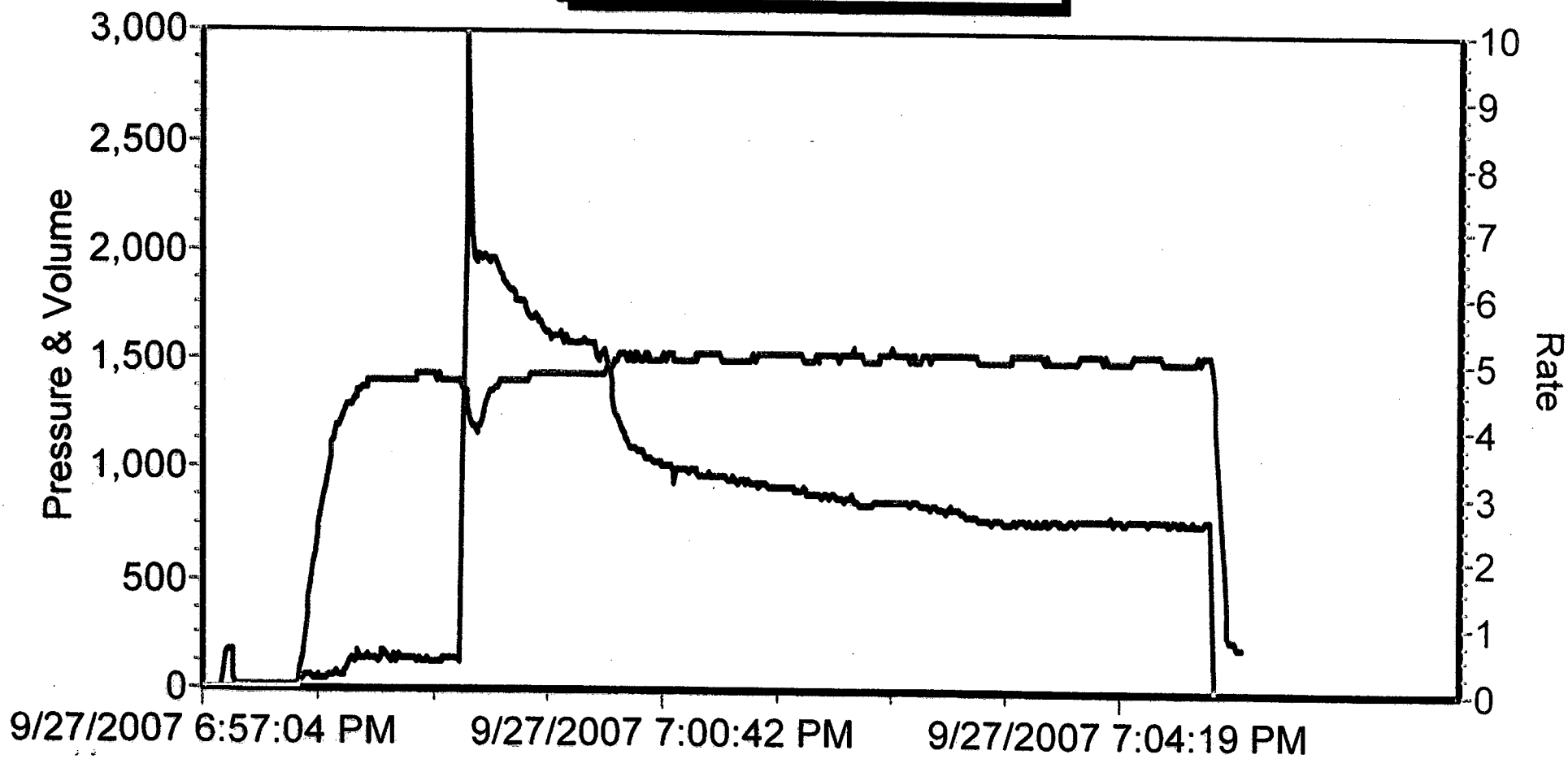
# Cabot Oil & Gas Metcalf #3-7 2nd Stage

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 08 2008

CONSERVATION DIVISION  
WICHITA, KS

— Pressure 1 — Rate 2



SouthWest Acid Services

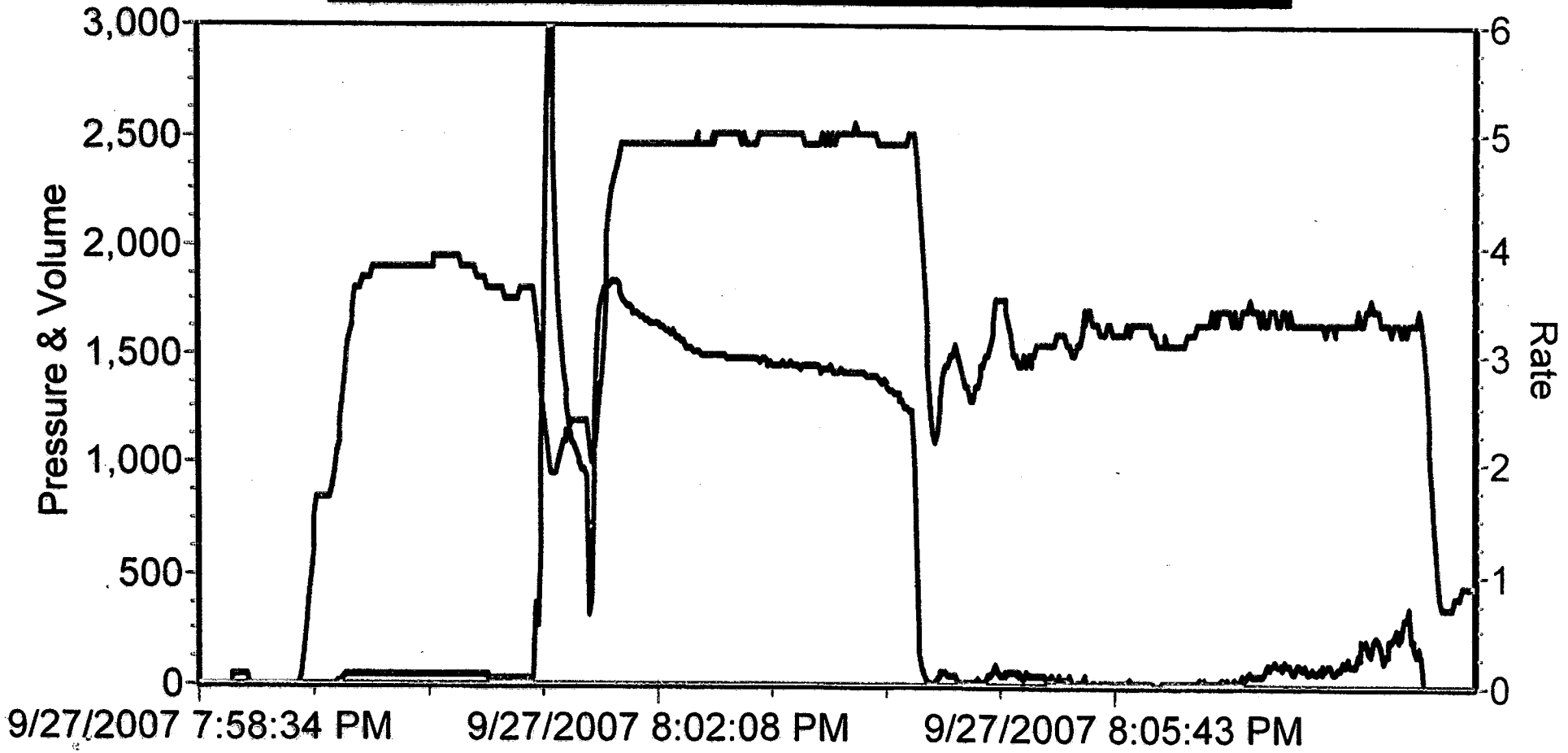
# Cabot Oil & Gas Metcalf #3-7 4th Stage

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 08 2008

CONSERVATION DIVISION  
WICHITA, KS

— Pressure 1 — Rate 1 — Pressure 2 — Rate 2



SouthWest Acid Services

Copy for KCC, original to KGS

**KANSAS GEOLOGICAL SURVEY**  
**REQUEST TO PRESERVE FORMATION SAMPLES OR DRILL CUTTINGS**  
Kansas Administrative Regulation 82-3-107(c)

(To process your request, please complete and submit the form with the samples)

**OPERATOR**

Name **JEAN ARNOLD** Operator **CABOT OIL & GAS CORPORATION**

Address **600 17TH ST., SUITE 900 NORTH** Telephone 303-226-9443

City **DENVER** State **CO** Zip Code **80202**

**SAMPLES**

I am submitting the following samples to the Sample Library because (check only one):

- (a)  KGS requested the samples for the Sample Library
- (b)  The operator wants the samples preserved and placed in the Sample Library
- (c)  I authorize KGS to determine the geologic significance and disposition of the samples

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 08 2008

Well Name and Number **METCALF 3-7**

CONSERVATION DIVISION  
WICHITA, KS

Spot Location **SE SE SW** Section-Township-Range **7 34 33 W**

County **SEWARD** State **KANSAS** API No. **1517522091**

Sample Condition: check all that apply  Washed  Bagged  Labeled  Wet  Dry

**CONFIDENTIALITY**

(Samples can not be held in confidential custody, if this section is either blank, illegible, or not completed)

I want the samples placed in confidential custody:  YES  NO (if YES, complete the following)

A written confidentiality request  WAS  WILL BE filed with the Kansas Corporation Commission

A copy of the written confidentiality request was provided to KGS:  YES  NO  UNKNOWN

**DUPLICATE SAMPLES**

I want a duplicate set of samples preserved.  YES  NO (if YES, complete the following)

Make 0 set of samples. Duplicate sample interval:  All samples  From \_\_\_ to \_\_\_

Send invoice and duplicate samples to:  Operator  Other, (complete the following)

Name Phyllis Scott Company Cabot Oil & Gas Corp

Address 600 17th St, Ste 900 N Telephone 303-226-9443

City DENVER State Co Zip Code 80202

**REQUEST SUBMITTED BY**

Name (please print) JEAN ARNOLD Date 5/5/08

Telephone 303-226-9443 Email jean.arnold@CabotOG.com