

Operator Name: Cimarex Energy Co. Lease Name: Groth Well #: B 1
 Sec. 32 Twp. 29 S. R. 33 East West County: Haskell

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)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

Compensated Neutron Log

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 1/4"	8 5/8"	23.0#	700'	lite / common	375	3%cc / 1/4# flocele
Production	7 7/8"	4 1/2"	10.5#	3104'	lite / ASC	695	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2944' - 2976'	Acid 2000 gal 15% w/215 ball sealers	2944-76
		Frac 43000 70Q foam w/70000 #	2944-76
		16-30 sand @30bpm	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2993'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
08/20/2007		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		85	95		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 16 2007
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

26706

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

SERVICE POINT:

OAKLEY

DATE 7 22 07	SEC 32	TWP. 29 S	RANGE 33 W	CALLED OUT 11:00	ON LOCATION 4:30	JOB START 9:30 AM	JOB FINISH 10:30 AM
LEASE G207	WELL# B1	LOCATION S. BLLETTE 1N 5W			COUNTY Haskell	STATE KS	
OLD OR NEW (Circle one)				1/2 S F 120			

CONTRACTOR MURFIN 22
 TYPE OF JOB 4 1/2 Production
 HOLE SIZE 7 7/8 T.D. 3110
 CASING SIZE 4 1/2 10.5" DEPTH 3102.73'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1500 PSI MINIMUM 200
 MEAS. LINE _____ SHOE JOINT 19.45
 CEMENT LEFT IN CSG. 19.45
 PERFS. _____
 DISPLACEMENT 49.02 BBL

EQUIPMENT

PUMP TRUCK # _____ CEMENTER BOB / MAY
 HELPER KELLY
 BULK TRUCK # _____ DRIVER JERRY
 BULK TRUCK # 394 DRIVER JERRY

REMARKS:

Mix 52.5 SK LITE
Mix 170 SK ACS
Wash Pump in 9 L.B.
Over Plug
Dip (5' 9" and Circ Cm)
and Plug + Float Here!

CHARGE TO: CIMAREX
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 Kent Pendergraft

OWNER SAME

CEMENT
 AMOUNT ORDERED 170 SK ASC 2% GEL
10% SACT
52.5 SK LITE 5# G.C. 1/4" FLO

COMMON	@		
POZMIX	@		
GEL <u>3 SK</u>	@	<u>16.65</u>	<u>\$49.95</u>
CHLORIDE	@		
ASC <u>170 SK</u>	@	<u>14.90</u>	<u>\$2533.00</u>
<u>52.5 LITE</u>	@	<u>11.25</u>	<u>\$5906.25</u>
<u>GILSONITE 2625</u>	@	<u>.70</u>	<u>\$1837.50</u>
<u>FLO SEAL 131 LB</u>	@	<u>2.00</u>	<u>\$262.00</u>
<u>SACT 18 SK</u>	@	<u>19.20</u>	<u>\$345.60</u>
HANDLING <u>801</u>	@	<u>1.96</u>	<u>\$1521.90</u>
MILEAGE <u>.09 SK/mi</u>			<u>\$2883.60</u>
TOTAL			<u>\$15339.00</u>

SERVICE

DEPTH OF JOB <u>3102.73 ft</u>			
PUMP TRUCK CHARGE			<u>\$1610.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>42</u>	@	<u>6.00</u>	<u>\$240.00</u>
MANIFOLD <u>HEAL RENTAL</u>	@		<u>\$100.00</u>
TOTAL			<u>\$1950.00</u>

PLUG & FLOAT EQUIPMENT

<u>1 1/2" Float Shoe</u>		<u>\$385.00</u>
<u>1 1/2" Latch Down Bf</u>	@	<u>\$360.00</u>
<u>1 1/2" Latch Down Plug</u>	@	
<u>15 1/2" CENTRALIZERS</u>	@	<u>45 ea \$675.00</u>

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TOTAL \$1420.00

TAX CONSERVATION DIVISION

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Kent Pendergraft PRINTED NAME Kent Pendergraft

ALLIED CEMENTING CO., INC.

25264

Federal Tax I.D.#

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

SERVICE POINT:

Oakley

DATE <i>7/19/07</i>	SEC. <i>32</i>	TWP. <i>29s</i>	RANGE <i>33w</i>	CALLED OUT	ON LOCATION	JOB START <i>5:45 AM</i>	JOB FINISH <i>6:15 AM</i>
LEASE <i>Both</i>	WELL# <i>B1</i>	LOCATION <i>Sublette SW 1/4 E1/4</i>			COUNTY <i>Haskell</i>	STATE <i>Ks</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Mix # 22*

TYPE OF JOB *Unit 5% Spillout*

HOLE SIZE *12 1/2"* T.D. *700*

CASING SIZE *5 1/2"* DEPTH *701*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *500* MINIMUM *100*

MEAS. LINE SHOE JOINT *40*

CEMENT LEFT IN CSG. *40*

PERFS.

DISPLACEMENT *47.1*

OWNER *SOA*

CEMENT

AMOUNT ORDERED

2500 lbs. Litenight + 3700 lbs 4 1/2" Flo-Seal

1750 lbs Class A + 3700 lbs

COMMON <i>12 1/2"</i>	@	<i>12.60</i>	<i>1575.00</i>
POZMIX	@		
GEL	@		
CHLORIDE <i>1300</i>	@	<i>46.60</i>	<i>605.50</i>
ASC	@		
<i>Litenight 2500</i>	@	<i>11.85</i>	<i>2962.50</i>
<i>Flo-seal 63"</i>	@	<i>2.00</i>	<i>176.00</i>
	@		
	@		
	@		
	@		
	@		
HANDLING <i>403</i>	@	<i>1.90</i>	<i>765.70</i>
MILEAGE <i>70/31/100</i>			<i>1450.50</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Max*

123-281 HELPER *ABH*

BULK TRUCK

391 DRIVER *Rev*

BULK TRUCK

277 DRIVER *Walt*

REMARKS:

Unit 5% Spillout 2500 lbs Litenight + 1750 lbs Class A Displacement 4 1/2" API Land Plus Class A 4000 lbs cement did circulate

SERVICE

DEPTH OF JOB		<i>7.0</i>	
PUMP TRUCK CHARGE			<i>515.00</i>
EXTRA FOOTAGE <i>400</i>	@	<i>.65</i>	<i>521.75</i>
MILEAGE <i>40 mi</i>	@	<i>6.00</i>	<i>240.00</i>
MANIFOLD <i>Head Rental</i>	@		<i>100.00</i>
	@		
	@		

CHARGE TO: *City Energy Co*

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

<i>1-5/8 Rubber Plug</i>	@		<i>100.00</i>
<i>1-5/8 Hex Bolt</i>	@		<i>280.00</i>
<i>1-5/8 Nut</i>	@		<i>135.00</i>
<i>4-5/8 Centralizer</i>	@	<i>55.00</i>	<i>220.00</i>

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TOTAL _____

CONSERVATION DIVISION WICHITA, KS

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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SIGNATURE *Kent Pendergraft*

Kent Pendergraft
PRINTED NAME