

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33094
Name: Cimarex Energy, Co.
Address: RR. 1 Box 83
City/State/Zip: Satanta, KS 67870
Purchaser: Duke Energy
Operator Contact Person: Mick Lovelady
Phone: (620) 276-3693
Contractor: Name: Cheyenne Drilling, LP
License: 33375
Wellsite Geologist: NA

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>11/03/06</u>	<u>11/05/06</u>	<u>01/15/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 081-21686-0000
County: Haskell
SW SW NW NW Sec. 6 Twp. 30 S. R. 33 East West
2310' feet from S / (N) (circle one) Line of Section
330' feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Moore Well #: B 1
Field Name: Panoma

Producing Formation: Council Grove
Elevation: Ground: 2979' Kelly Bushing: 2985.5'
Total Depth: 3142' Plug Back Total Depth: 3112'
Amount of Surface Pipe Set and Cemented at 642' @ 652' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from Didn't Circulate
feet depth to TOC 550' w/ _____ sx cmt.

Drilling Fluid Management Plan Att II NH 02-27-08
(Data must be collected from the Reserve Pit)

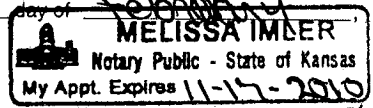
Chloride content 87000 ppm Fluid volume 360 bbls
Dewatering method used Picked up w/ vac truck

Location of fluid disposal if hauled offsite:
Operator Name: Cimarex Energy Co.
Lease Name: Reimer White 1 SWD License No.: 33094
Quarter _____ Sec. 356' Twp. 28 S. R. 34 East West
County: Haskell Docket No.: D-11701

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: Mick Lovelady
Title: Sr. Production Foreman Date: 2-15-07
Subscribed and sworn to before me this 15 day of February
2007
Notary Public: Melissa Imbler
Date Commission Expires: 11-17-2010



KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
FEB 20 2007

KCC WICHITA

Operator Name: Cimarex Energy, Co. Lease Name: Moore Well #: B 1
 Sec. 6 Twp. 30 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)

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

List All E. Logs Run:

Dual spaced neutron primary
 Cement Bond 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"	24.0#	642'	lite / common	340	3%cc / 1/4# flocele
Production	7 7/8"	4 1/2"	10.5#	3132'	lite / ASC	675	

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	2954' - 2960'	Acid 2000 gal 15% w/40 ball sealers	2954-60'
		Frac 26,000 70Q foam w/40,000 lobs	2954-60'
		16-30 sand @15bpm	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2981	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
01/15/2007		<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
	0	13	70		

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: _____

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FEB 20 2007

KCC WICHITA

ALLIED CEMENTING CO., INC. 25190

Federal Tax I.D.#

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

SERVICE POINT

OAKLEY

DATE <u>11-3-06</u>	SEC <u>6</u>	TWP <u>30S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>3:30 PM</u>	JOB START <u>6:45 PM</u>	OFFICE HOURS <u>7:30 PM</u>
LEASE <u>MOORE</u>	WELL # <u>B-1</u>	LOCATION <u>SATANTA 1/4 N-E 30</u>		COUNTY <u>WASKIELL</u>	STATE <u>Ks</u>	AFE <u>216197</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR CHEYENNE DRILLING REF #11 OWNER SAME

TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4" TD 665'
 CASING SIZE 8 7/8" DEPTH 655'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRPS MAX MINIMUM
 MEAS. LINE SHOE JOINT 40.76'
 CEMENT LEFT IN CSG 40.16'
 PERFS.
 DISPLACEMENT 39 1/4 BBL.

EQUIPMENT

PUMP TRUCK # 422 CEMENTER TERRY
 HELPER WAYNE LARRY
 BULK TRUCK # 347 DRIVER MIKE
 DRIVER

REMARKS:

MAX 225 SKS LETS 3% CC 1/4"
FLO-SEAL 125 SKS COM 3% CC
DISPLACE 39 1/4 BBL.

Plug landed AT 700 PSI.
Shut IN.
Cement Circulate
Thank You

CHARGE TO COMAREX ENERGY, CO.
 STREET
 CITY STATE ZIP

CEMENT AMOUNT ORDERED 125 SKS COM 3% CC
225 SKS LETS 3% CC 1/4" FLO-SEAL

COMMON	125 SKS	@	12.20	1525.00
POZMIX		@		
GEL		@		
CHLORIDE	12 SKS	@	46.62	559.44
ASC		@		
LET	225 SKS	@	11.30	2542.50
FLO-SEAL	5% #	@	2.00	112.00
HANDLING	376 SKS	@	1.90	714.40
MILEAGE	94 PER SKI RATE	@		1861.00
TOTAL				7314.94

SERVICE

DEPTH OF JOB 655'
 PUMP TRUCK CHARGE 815.00
 EXTRA FOOTAGE 355' @ 2.65 939.75
 MILEAGE 55 MF @ 6.00 330.00
 MANIFOLD
HEAD Rental @ 1.00 100.00
 TOTAL 1475.75

8 7/8" PLUG & FLOAT EQUIPMENT

1- BRIFLE Plate 45.00
4- CENTRALIZERS @ 55.00 220.00
1- RUBBER PLUG @ 100.00 100.00
 TOTAL 365.00

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

TAX
 TOTAL CHARGE 9155.75
 DISCOUNT 915.51
 AFTER DISC 8239.24

Kent Pendergraft
 PRINTED NAME

RECEIVED

FEB 20 2007

KCC WICHITA

ALLIED CEMENTING CO., INC. 2519

REMI TO P.O. BOX 31
RUSSELL, KANSAS 67605

SERVICE POINT
OAKLEY

DATE <u>11-5-06</u>	SEC <u>6</u>	TWP <u>30S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>6:00 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:45 PM</u>
LEASE <u>MORE</u>	WELL # <u>B-1</u>	LOCATION <u>SATANA 1/2 N - E INTO</u>			COUNTY <u>MASKELL</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR CHEYENNE DRILL RIG #11 OWNER SAME

TYPE OF JOB Production STAKING

HOLE SIZE 7 7/8" TD 3142'

CASING SIZE 4 1/2" DEPTH 3144'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PGS. MAX 1500 PSC MINIMUM 150 PSC

MEAS. LINE SHOE JOINT 19, 18'

CEMENT LEFT IN CSG 19, 18'

PERFS

DISPLACEMENT 49 3/4 GAL

CEMENT			
AMOUNT ORDERED	<u>125 SKS ASC</u>	<u>286.66 L</u>	
	<u>10% SALT</u>		
	<u>550 SKS LITE 1/4" FLO-SEAL</u>		
COMMON			
P07MIX			
GEL	<u>2 SKS</u>	<u>16.00</u>	<u>33.00</u>
CHLORIDE			
ASC	<u>125 SKS</u>	<u>14.20</u>	<u>1775.00</u>
SALT	<u>12 SKS</u>	<u>19.20</u>	<u>230.40</u>
LITE	<u>550 SKS</u>	<u>10.40</u>	<u>5912.00</u>
FLO-SEAL	<u>137 "</u>	<u>2.00</u>	<u>274.00</u>
HANDLING	<u>689 SKS</u>	<u>1.90</u>	<u>1309.10</u>
MILEAGE	<u>94 PER SK</u>		<u>3410.00</u>
TOTAL			<u>12944.85</u>

EQUIPMENT

PUMP TRUCK CEMENTER TEARY

422 HELPER WAYNE MAX

BULK TRUCK

394 DRIVER LARRY

BULK TRUCK

347 DRIVER MERE

REMARKS:

MIX 550 SKS LITE 1/4" FLO-SEAL

125 SKS ASC 10% SALT 286.66 L

WASH TRUCK & LINE DISPLACE

49 3/4 GALS.

Ply 6 loaded AT 1500 PSC

FLOAT HOLD

CEMENT DIDN'T CURE

THANK YOU

CHARGE TO CEMAREX ENERGY, CO.

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

SERVICE

DEPTH OF JOB	<u>3144'</u>	
PUMP TRUCK CHARGE		<u>1610.00</u>
EXTRA FOOTAGE		
MILEAGE	<u>55 MG.</u>	<u>6.00</u>
MANIFOLD		
HEAD RENTAL		<u>100.00</u>
TOTAL		<u>2040.00</u>

4 1/2' PLUG & FLOAT EQUIPMENT

1- LEWIS SHOES		<u>125.00</u>
1- AP4 INSERT		<u>215.00</u>
13- CENTRALIZERS	<u>45.00</u>	<u>585.00</u>
2- CENTRALIZERS	<u>45.00</u>	<u>90.00</u>
1- RUBBER PLUG		<u>5.50</u>
TOTAL		<u>1070.00</u>

TAX 85

TOTAL CHARGE 160.54

DISCOUNT 49

AFTER ASC 144.99

IF PAID IN ADVANCE

RECEIVED

FEB 20 2007

PRINTED NAME Kent Pendergraft