

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 # 32566  
Name: Cleary Petroleum Corporation  
Address: 2601 NW Expressway, Suite 801W  
City/State/Zip: Oklahoma City, OK 73112-7221  
Purchaser: Anardarko Energy Services Co.  
Operator Contact Person: Rickey Frederick  
Phone: ( 405 ) 848-5019, ext. 223  
Contractor: Name: Abercrombie RTD, Inc.  
License: 30684  
Wellsite Geologist: Robert Pittman/Mike McFeely

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

If Workover/Re-entry: Old Well Info as follows: **KCC WICHITA**  
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. \_\_\_\_\_

02/13/2005	02/25/2005	03/26/2005
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 129-21748-0000  
County: Morton  
E2 NW NE Sec. 18 Twp. 35 S. R. 43  East  West  
660 N feet from S /  (circle one) Line of Section  
1,584 E feet from  (circle one) Line of Section

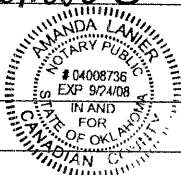
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE outside section corner  
Lease Name: Cimarron Grasslands Well #: 1-18  
Field Name: Greenwood Lime  
Producing Formation: Wabaunsee Lime  
Elevation: Ground: 3,610' Kelly Bushing: 3,622'  
Total Depth: 4,236' Plug Back Total Depth: 4,100'  
Amount of Surface Pipe Set and Cemented at 1,324 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set DV tool set @ 2,904 Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan **ALT I WITH 4-18-07**  
(Data must be collected from the Reserve Pit)  
Chloride content 2,000 ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
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: [Signature] Date: 9-15-05  
Title: Vice President - Drilling  
Subscribed and sworn to before me this 15<sup>th</sup> day of September, 2005.  
Notary Public: Amanda Lanier  
Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Cleary Petroleum Corporation Lease Name: Cimarron Grasslands Well #: 1-18  
 Sec. 18 Twp. 35 S. R. 43  East  West County: Morton

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 <i>(Submit Copy)</i>  List All E. Logs Run:  Micro Resistivity, Compact Photo Density Compensated Neutron, Array Induction Shallow Focused Electric Log	<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:33%;">Name</td> <td style="width:33%;">Top</td> <td style="width:33%;">Datum</td> </tr> <tr> <td>Red Cave</td> <td>Topeka</td> <td>L. Lansing Sand</td> </tr> <tr> <td>1340'</td> <td>2845'</td> <td>3551'</td> </tr> <tr> <td>Neva</td> <td>Greenwood Lime</td> <td>Marmaton</td> </tr> <tr> <td>2512'</td> <td>3059'</td> <td>3700'</td> </tr> <tr> <td>Wabaunsee Sand</td> <td>Lansing</td> <td>Cherokee</td> </tr> <tr> <td>2664'</td> <td>3502'</td> <td>3872</td> </tr> <tr> <td>L. Wabaunsee</td> <td>U. Lansing Sand</td> <td>T. Morrow</td> </tr> <tr> <td>2760'</td> <td>3530'</td> <td>4172'</td> </tr> </table>	Name	Top	Datum	Red Cave	Topeka	L. Lansing Sand	1340'	2845'	3551'	Neva	Greenwood Lime	Marmaton	2512'	3059'	3700'	Wabaunsee Sand	Lansing	Cherokee	2664'	3502'	3872	L. Wabaunsee	U. Lansing Sand	T. Morrow	2760'	3530'	4172'
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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#	1,324'	A Common	435	2% CC, 1/4#/sk Flocele
Production	7-7/8	5-1/2	15.5#	4,230'	Class H	210	10% salt
Open Hole	4-3/4	N/A	N/A	4,243'	N/A		

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	4,230'		10	CIBP set @ 4,100', est. TOC @ 4,050'
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	4,243'			

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	Purdy: Open hole 4,230-43'	1000 gals 15% NEFE 70 Quality Foamed Acid	
	Alpha CIBP @ 4,100'	Dump 10 sx top of CIBP, est TOC	4,050'
2 SPF	Wabaunsee Lime 2,802-16' (29 holes) (14')	1500 gals FE HCL Acid	
2 SPF	Wabaunsee Lime 2766-72', 2777-81', 2789-92' (29 holes)	1300 gals 15% NEFE Acid	

TUBING RECORD	Size 2-3/8"	Set At 2,896'	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 06/20/2005	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. 0	Gas Mcf 1	Water Bbls. 13	Gas-Oil Ratio N/A	Gravity N/A

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_



# TREATMENT REPORT

Customer ID		Date	
Customer <i>CLEARY PETROLEUM</i>		<i>2-13-05</i>	
Lease <i>Cimarron GRASSLANDS</i>		Lease No.	Well # <i>1-18</i>

Field Order # <i>9397</i>	Station <i>LIBERAL</i>	Casing <i>8 5/8</i>	Depth <i>1326</i>	County <i>MORTON</i>	State <i>KS</i>
Type Job <i>8 5/8 Surface (OW)</i>			Formation	Legal Description <i>18-355-43W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>325 SX A-LON</i>		RATE	PRESS	ISIP
Depth <i>1326</i>	Depth	From	To	Pre-Pad <i>110 SX Common</i>		Max		5 Min.
Volume <i>8 1/2</i>	Volume	From	To	Pad		Min		10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>WATER</i>		Gas Volume		Total Load

Customer Representative	Station Manager <i>JERRY BENNETT</i>	Treater <i>Shawn FREDERICK</i>				
Service Units	<i>114</i>	<i>227</i>	<i>338</i>	<i>344</i>	<i>570</i>	<i>575</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0500</i>					<i>ON LOCATION / RIG Pulling D.P.</i>
<i>0505</i>					<i>PRE-JOB SAFETY MEETING</i>
<i>0510</i>					<i>RIG up P.T.</i>
<i>0630</i>					<i>D.P. OUT OF HOLE / RIG up CASERS</i>
<i>0710</i>					<i>START IN w/ CASING / FS.</i>
<i>0830</i>					<i>CASING ON BOTTOM / Hook up P.C.</i>
<i>0845</i>					<i>BREAK P.C.</i>
<i>0855</i>					<i>Hook lines TO P.T.</i>
<i>0900</i>	<i>300</i>		<i>167</i>	<i>5</i>	<i>Pump 325 SX A-LON @ 11.5#</i>
<i>0942</i>	<i>300</i>		<i>29</i>	<i>5</i>	<i>Pump 110 SX Common @ 14.8#</i>
<i>0953</i>					<i>SHUT DOWN / Drop PLUG</i>
<i>0955</i>	<i>∅</i>		<i>8 1/2</i>	<i>5</i>	<i>Pump Disp</i>
<i>1008</i>	<i>300</i>		<i>(60)</i>	<i>5</i>	<i>Cont TO PIT / 20 BBLS</i>
<i>1010</i>	<i>400</i>			<i>2</i>	<i>SLOW RATE</i>
<i>1015</i>	<i>800</i>			<i>2</i>	<i>LAND PLUG</i>
<i>1016</i>					<i>RELEASE FLOAT - HELD</i>
<i>1100</i>					<i>JOB Complete</i>

RECEIVED  
SEP 19 2005  
KCC WICHITA



# TREATMENT REPORT

Customer ID		Date	
Customer <i>LEARY PETROLEUM</i>		2-23-05	
Lease <i>LIMARRON GRASSLANDS</i>		Lease No.	Well # <i>1-18</i>

Field Order # <i>9417</i>	Station <i>LIBERAL</i>	Casing <i>5 1/2</i>	Depth <i>4228</i>	County <i>MORTON</i>	State <i>KS</i>
Type Job <i>5 1/2 D.V. L.S. (NW)</i>			Formation	Legal Description <i>18-355-43W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/FT		Acid		RATE	PRESS	ISIP
<i>5 1/2</i>		<i>DV Tool</i>	<i>2904</i>	<i>25 SX AA-2 SCAVENGER</i>				Max 5 Min.
Depth <i>4228</i>	Depth	From	To <i>(69 BBls)</i>	Rate-Pad <i>90 SX AA-2</i>				Min 10 Min.
Volume <i>99 1/2</i>	Volume	From	To	Pad- <i>120 SX AA-2</i>				Avg 15 Min.
Max Press <i>2000</i>	Max Press	From	To	Frac- <i>500 gal MUD FLUSH</i>				HHP Used Annulus Pressure
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush <i>25 SX AA-2 RATE INCREASE</i>				Gas Volume Total Load
Plug Depth	Packer Depth	From	To	Flush <i>TREATED WATER/MUD</i>				

Customer Representative <i>MELVIN</i>	Station Manager <i>JERRY BENNETT</i>	Treater <i>Shawn FREDERICK</i>
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Service Units	<i>114</i>	<i>227</i>	<i>344</i>	<i>570</i>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1930</i>					<i>ON LOCATION / RIG Polling D.P.</i>
<i>2200</i>					<i>D.P. OUT OF HOLE / RIG UP CASERS</i>
<i>2230</i>					<i>START IN HOLE w/ CASING / F.L.</i>
<i>0130</i>					<i>CASING ON BOTTOM / Hook up P.C.</i>
<i>0145</i>					<i>BREAK C.R.</i>
<i>0245</i>					<i>Hook lines To P.T.</i>
<i>0247</i>	<i>300</i>		<i>10</i>	<i>3 1/2</i>	<i>Pump 25 SX AA-2 @ 11 1/2 # SCAVENGER</i>
<i>0251</i>	<i>300</i>		<i>25</i>	<i>3 1/2</i>	<i>Pump 90 SX AA-2 @ 14.8 #</i>
<i>0300</i>					<i>SHUT DOWN / Drop PLUG</i>
<i>0303</i>	<i>50</i>		<i>40</i>	<i>3 1/2</i>	<i>Pump 40 BBLS WATER Disp</i>
<i>0317</i>	<i>50</i>		<i>60</i>	<i>3 1/2</i>	<i>Pump 60 BBLS MUD Disp</i>
<i>0335</i>	<i>450</i>			<i>2</i>	<i>SLOW RATE</i>
<i>0345</i>	<i>1200</i>			<i>2</i>	<i>LAND PLUG</i>
<i>0346</i>					<i>RELEASE FLOAT -- HELD</i>
<i>0350</i>					<i>Drop STAGE TOOL OPENER</i>
<i>0359</i>	<i>800</i>				<i>OPEN DV TOOL</i>
<i>0400</i>					<i>BREAK C.R. w/ RIG</i>
<i>0500</i>					<i>Hook lines To P.T.</i>
<i>0502</i>	<i>300</i>		<i>5</i>	<i>4</i>	<i>Pump 5 BBLS spacer (WATER)</i>
<i>0504</i>	<i>300</i>		<i>12</i>	<i>4</i>	<i>Pump 500 gal mud FLUSH</i>
<i>0507</i>	<i>300</i>		<i>5</i>	<i>4</i>	<i>Pump 5 BBLS WATER spacer</i>

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