

**CONFIDENTIAL**

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*10/29/08*

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

*10/20/10*

Operator: License # 6120  
Name: Cabot Oil & Gas Corporation  
Address: 600 17th Street, Suite 900N  
City/State/Zip: Denver, CO 80202  
Purchaser: Not applicable  
Operator Contact Person: Jean Arnold - Prod. Tech.  
Phone: (303) 226-9443  
Contractor: Name: Cheyenne Drig Div of Trinidad Drilling LTD Partnership Rig 202  
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  SIOW  Temp. App.  
 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. \_\_\_\_\_  

<u>10/11/08</u>	<u>10-18-08</u>	<u>10/20/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-22154-000  
County: Seward  
SE SE NE Sec. 30 Twp. 33 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: Strickland Well #: 1-30  
Field Name: Evalyn-Condit  
Producing Formation: Dry  
Elevation: Ground: 2,859' Kelly Bushing: 2,871'  
Total Depth: 6,500' Plug Back Total Depth: P&A'd 10-20-08  
Amount of Surface Pipe Set and Cemented at 1,528 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 \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** *PTA AIT I NR*  
(Data must be collected from the Reserve Pit) *1-02-09*  
Chloride content 2000 ppm Fluid volume 2000 bbls  
Dewatering method used Haul offsite  
Location of fluid disposal if hauled offsite:  
Operator Name: Nichols Fluid Service  
Lease Name: Johnson #2 License No.: 31983  
Quarter NE Sec. 16 Twp. 34 S. R. 32  East  West  
County: Seward Docket No.: D21,572

**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: 10/23/08

Subscribed and sworn to before me this 28 day of October,  
20 08.

Notary Public: Kathryn B. Flager  
Date Commission Expires: \_\_\_\_\_

**KATHRYN B. FLAGER**  
**NOTARY PUBLIC**  
**STATE OF COLORADO**  
My Commission Expires 11/12/2011

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**

**OCT 29 2008**

**CONSERVATION DIVISION**  
**WICHITA, KS**

Operator Name: Cabot Oil & Gas Corporation Lease Name: Strickland Well #: 1-30  
 Sec. 30 Twp. 33 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)

List All E. Logs Run:

Compensated Z-Densilog, CNL w/Minilog, High Definition Laterolog

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Chase	2606'	+265
Council Grove	2977'	-106
Toronto	4275'	-1404
Marmaton	5100'	-2229
Atoka	5648'	-2777
Morrow	5732'	-2861
Chester	5956'	-3085
St. Genevieve	6288'	-3417

KB 2,871

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	1,528'	Extenda Cem	670	2% CaCl2
							.25 lbmPoly-e-flake
					HalCem	150	2% CaCl2

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
		CONFIDENTIAL	RECEIVED KANSAS CORPORATION COMMISSION OCT 2 11 OCT 29 2008 KCC CONSERVATION DIVISION WICHITA, KS

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. Producing Method  Flowing  Pumping  Gas Lift  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)

Production Interval

# ALLIED CEMENTING CO., LLC. 30496

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

SERVICE POINT: LIBERAL KS

DATE <u>10-20-08</u>	SEC <u>30</u>	TWP. <u>33</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>STRUCKLAND</u>	WELL # <u>1-30</u>	LOCATION <u>CR #7 NE 1/4 LIBERAL ON F3</u>			COUNTY <u>SEWARD</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>1W 1/2 Unit</u>			

CONTRACTOR Trinidad 202

TYPE OF JOB Plug to Abandon

HOLE SIZE 7 7/8 T.D. 6520'

CASING SIZE 8 7/8 - 24" DEPTH 1528'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 1560'

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

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

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

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

DISPLACEMENT 19 BBL

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER BOB

# 472 HELPER KENNY

BULK TRUCK \_\_\_\_\_

# 471 DRIVER MANNY / P

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Mix 50 SK Plug @ 1560'

Mix 50 SK Plug @ 540'

Mix 20 SIL @ 60'

Mix 15 SIL in NAT Hole

Mix 10 SIL in Mouse Hole

Washer Thank you

CHARGE TO: CA Bot Oil + Gas

STREET \_\_\_\_\_

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

OWNER SAME

CEMENT AMOUNT ORDERED 145 SK

60/40 4 1/2 GEL

COMMON	<u>87</u>	@	<u>1545</u>	<u>1344<sup>00</sup></u>
POZMIX	<u>58</u>	@	<u>8<sup>00</sup></u>	<u>464<sup>00</sup></u>
GEL	<u>55K</u>	@	<u>20<sup>00</sup></u>	<u>104<sup>00</sup></u>
CHLORIDE		@		
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>2.40</u>	<u>360<sup>00</sup></u>
MILEAGE	<u>110/SK mi</u>			<u>312<sup>00</sup></u>
				TOTAL <u>2584<sup>15</sup></u>

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SERVICE

DEPTH OF JOB 1560'

PUMP TRUCK CHARGE 1017<sup>00</sup>

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

MILEAGE 10 @ 7<sup>00</sup> 70<sup>00</sup>

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

RECEIVED \_\_\_\_\_ @ \_\_\_\_\_

KANSAS CORPORATION COMMISSION

OCT 29 2008

TOTAL 1087<sup>00</sup>

CONSERVATION DIVISION  
WICHITA, KS  
PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was

The Road to Excellence Starts with Safety

Sold To #: 301145		Ship To #: 2688081		Quote #:		Sales Order #: 6238171							
Customer: CABOT OIL & GAS PRODUCTION CORP				Customer Rep: Hurst, Robert									
Well Name: Strickland			Well #: 1-30		API/UWI #:								
Field:		City (SAP): LIBERAL		County/Parish: Seward		State: Kansas							
Legal Description: Section 30 Township 33S Range 33W													
Contractor: TRINIDAD			Rig/Platform Name/Num: 202										
Job Purpose: Cement Surface Casing													
Well Type: Development Well				Job Type: Cement Surface Casing									
Sales Person: CRAWFORD, ROBERT			Srvc Supervisor: WILTSHIRE, MERSHEK			MBU ID Emp #: 195811							
<b>Job Personnel</b>													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
BERUMEN, EDUARDO	12	267804	LOPEZ, JUAN Rosales	12	198514	MENDOZA, VICTOR	12	442596					
TORRES, CLEMENTE	12	344233	WILTSHIRE, MERSHEK T	12	195811								
<b>Equipment</b>													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
<b>Job Hours</b>													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
<b>TOTAL</b>				Total is the sum of each column separately									
<b>Job</b>				<b>Job Times</b>									
Formation Name				Date	Time	Time Zone							
Formation Depth (MD)	Top	Bottom		Called Out									
Form Type	BHST			On Location									
Job depth MD	1500. ft	Job Depth TVD		Job Started	13 - Oct - 2008	00:46	CST						
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	13 - Oct - 2008	02:00	CST						
Perforation Depth (MD)	From	To		Departed Loc									
<b>Well Data</b>													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
Surface Casing Open Hole				12.25					1500.				
Surface Casing	Unknown		8.625	8.097	24.		J-55		1500.				
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>													
Description						Qty	Qty uom	Depth	Supplier				
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA						1	EA						
<b>Tools and Accessories</b>													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
<b>Miscellaneous Materials</b>													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	ExtendaCem	EXTENDACEM (TM) SYSTEM (452981)	670.0	sacks	12.8	1.83	9.7		9.7
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	9.703 Gal	FRESH WATER							
2	HalCem	HALCEM (TM) SYSTEM (452986)	150.0	sacks	14.8	1.35	6.37		6.37
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	6.365 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

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CONSERVATION DIVISION  
WICHITA, KS

## Cementing Job Log

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Sold To #: 301145	Ship To #: 2688081	Quote #:	Sales Order #: 6238171
Customer: CABOT OIL & GAS PRODUCTION CORP		Customer Rep: Hurst, Robert	
Well Name: Strickland	Well #: 1-30	API/UWI #:	
Field:	City (SAP): LIBERAL	County/Parish: Seward	State: Kansas
Legal Description: Section 30 Township 33S Range 33W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: TRINIDAD	Rig/Platform Name/Num: 202		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: CRAWFORD, ROBERT	Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/12/2008 11:00							
Arrive At Loc	10/12/2008 15:00							
Pre-Job Safety Meeting	10/12/2008 15:15							
Start Job	10/13/2008 00:46							
Test Lines	10/13/2008 00:46						2000.0	
Pump Spacer 1	10/13/2008 00:48		3	5			.0	RIG WATER
Pump Lead Cement	10/13/2008 00:50		6.5	218			90.0	670 SKS EXTENDACEM @ 12.8#
Pump Tail Cement	10/13/2008 01:22		6.5	36			120.0	150 SKS HALCEM @ 14.8#
Drop Plug	10/13/2008 01:28		6.5		254		120.0	END CEMENT
Pump Displacement	10/13/2008 01:30		5	95			40.0	RIG WATER
Other	10/13/2008 01:34		3.5	25			40.0	CEMENT TO SURFACE SLOW RATE
Other	10/13/2008 01:55		2	85			380.0	SLOW RATE
Other	10/13/2008 01:59						420.0	PRESSURE BEFORE LANDING PLUG
Bump Plug	10/13/2008 01:59		2		95		1050.0	FLOAT HELD
End Job	10/13/2008 02:00							
Cement Returns to Surface	10/13/2008 02:05							70 BBLs OF CEMENT TO THE PIT

Sold To #: 301145

Ship To #: 2688081

Quote #:

RECEIVED  
Sales Order #: 6238171  
KANSAS CORPORATION COMMISSION

SUMMIT Version: 7.20.130

Monday, October 13, 2008 02:13:00

OCT 29 2008

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