

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 6593

Name: Coastal Oil & Gas Corp.

Address Nine Greenway Plaza

Houston, Texas 77046

City/State/Zip CONFIDENTIAL

Purchaser: COLORADO INTERSTATE GAS CO.

Operator Contact Person: Debbie Moore

Phone (713) 877-7590

Contractor: Name: Murfin Dilling **RELEASED**

License: 30606 **JAN 29 1999**

Wellsite Geologist: Wayne Maxwell

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SVD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SVD  
 Plug Back \_\_\_\_\_ PSTD  
 Comingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SVD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

10/30/96 11/09/96 11/18/96  
Spud Date Date Reached TD Completion Date

API NO. 15- 129-214420000

County Morton

Approx. C SW Sec. 22 Twp. 32s Rge. 43 XW

1,334 Feet from W (circle one) Line of Section

1,316 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Hanke Well # 2-22

Field Name Wildcat

Producing Formation Morrow

Elevation: Ground 3,606' KB 3,619'

Total Depth 5,250' PSTD 3,300'

Amount of Surface Pipe Set and Cemented at 1,530' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan ALT 1 8/9 3-19-97  
(Data must be collected from the Reserve Pit)

Chloride content 1400 ppm Fluid volume 280 bbls

Desaturating method used Evaporation & backfill

Location of fluid disposal if hauled offsite:

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Operator Name \_\_\_\_\_

Lease Name JAN 22 1997 License No. DEC 17

Quarter Sec. Twp. S Rng. CONFIDENTIAL

County WICHITA, KS Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

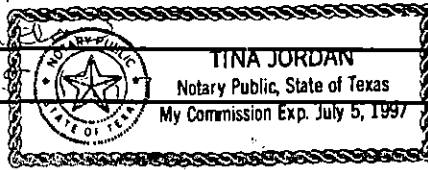
Signature Deborah Moore

Title Env. & Safety Analyst Date 1/17/97

Subscribed and sworn to before me this 17<sup>th</sup> day of January, 19 97.

Notary Public Tina Jordan

Date Commission Expires July



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SVD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name Coastal Oil & Gas Corp.

Lease Name Hanke

Well # 2-22

Sec. 22 Twp. 32s Rge. 43

East  
 West

County Morton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

Name	Top	Datum
Council Grove	2366	+1253
Wabaunsee	2720	+ 899
Shawnee	2946	+ 673
Deer Creek	3092	+ 527
LeCompton	3224	+ 395
Morrow	4642	-1023
Chester	5205	-1586

List All E.Logs Run: **BHC ACOUSTIC/COMPENSATED NEUTRON**

DIFL/GR/SP/BHC AL/CAL  
ZDLC/CN/GR  
HIGH RESOLUTION DUAL INDUCTION  
MINILOG

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#/ft	1530	Prem. Plus	<del>475</del> 656	2% CaCl <sub>2</sub> , 6% gel
Surface	7 7/8"	5 1/2"	15.5#/ft	3450	Prem. Plus	435	1% CaCl <sub>2</sub> 6% gel

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4 spf	3261-3270; 3238-3246; 3194-3198; 3108-3121; 3096-3104; 3055-3057; 3043-3049; 3030-3036; 3010-3018	1440 bbls 20# cross link gel = 181100#
2 spf	2992-2996; 2963-2970; 2926-2933; 2892-2897; 2881-2886; 2872-2878; 2832-2839; 2812-2815; 2792-2796; 2737-2746; 2724-2728	

TUBING RECORD	Size	Set At	Packer At (N/A)	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8"	3,450'		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
12/26/96				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		122	10	NA NA

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 2724' - 3270'



**BJ Services Company CEMENT JOB DETAIL SHEET**

**ORIGINAL**

CUSTOMER	DATE	FORM	SER. SUP.	WELL NO.
WELL NAME	LOCATION	COUNTY	PART	BLOCK
DISTRICT	DRESSING CONTRACTOR	ORIG.	OPERATOR	

MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD Y (N)	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES					
	TOP	BTM	THREAD LOCK	FLOAT SHOE			SLURRY WGT PPG	SLURRY YLD FT	WATER CPS	PUMP TIME HR:MIN	BBL SLURRY	BBL MIX WATER
70 SX 'H' + 2% CACL <sub>2</sub>							15.6	1.17	5.19		14	8
125 SX 15/85 POZ 'C' + 8% GEL + 2% CACL <sub>2</sub>							14.2	2.29	13.1		51	39
200 SX 'C' + 2% CACL <sub>2</sub>							14.8	1.34	6.3		47	30

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Available Mix Water	150 Bbl.	Available Displ. Fluid	200 Bbl.	TOTAL	112	77							
HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
7 7/8	60	3860	5 1/2	17	K-55	3430					3430	3353	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
8 5/8	24	K-55	1530					5 1/2	SRD	MUD	9.5		
CAL DISPL VOL-BBL				CAL PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL FLUID		WATER
TBG	CSG	CSG	TOTAL	BUMP PLUG	TO REV	SG. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	SOURCE
	78		78	1000							H2O	8.3	RIG

EXPLANATION - DOUBLE SETTING TOOL RUNNING CSG ETC PRIOR TO CEMENTING

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	BBL FLUID PUMPED	FLUID TYPE		
	PIPE	ANNULUS					
						SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/>	
						TEST LINES 2000 PSI	
						CIRCULATING WELL-RIG <input checked="" type="checkbox"/> WPS <input type="checkbox"/>	
						ARRIVE ON LOCATION - SAFETY MEETING	
						SPOT TRUCKS - LAY LINE TO RIG	
						HOOK PUMP TO D.P.	
4:50				10	H2O	START H2O	
4:59	0		5	10	H2O	START H2O	
5:07	100		5	14	SLURRY	START CEMENT	
5:20	100		6	50	MUD	START MUD	
5:28						SHUTDOWN	
2:50						HOOK RIG TO CIRCULATE	
3:15						HOOK PUMP TO CASING	
3:20	0-100		6	10	H2O	START H2O	
3:25	100		6	51	SLURRY	START LEAD	
3:40	100		6	47	SLURRY	START TAIL	
3:52			6		SLURRY	FINISH CEMENT	
3:53			4-5	5	H2O	WASH P & L	
3:56	0-800		0-6	68	H2O	DROP PLUG - START DISPLACEMENT	
4:06	600		2	10	H2O	SLOW RATE	
4:10	800		2		H2O	BUMP PLUG - CHECK FLOAT	

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 JAN 22 1997

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL BBL PUMPED	BBL CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP.	MANESS	CONSERVATION DIVISION WICHITA, KS
Y N	1200	Y N	265			3196	CUSTOMER REP.	MCNEIL	

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**MEMORANDUM**

RELEASED

March 5, 1997

JAN 29 1999

FROM CONFIDENTIAL

**SUBJECT:** Hanke 2-22 Morton County, KS

**TO:** Jim Hemmen

**FROM:** *DM* Deborah Moore - Environmental & Safety

Per our phone conversation attached is the surface cement summary from Halliburton. The gas is being sold to CIG and there was no geologist's report done on this well. If you have any further questions, please call me at (713) 877-7590.

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1997 MAR 10 P 4:01



JOB LOG HALL 2013C

DATE 10-31-96 PAGE NO.

CUSTOMER Coastal Oil & Gas	WELL NO. 2-22	LEASE Hanke	JOB TYPE OIO	TICKET NO. 106397
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
					TUBING	CASING	
	1700						checked Req ordered CNT west For Float Equip.
	2000						on loc pulling Dr. & pipe out of Hole
	2250						Run CSS 8 9/8
	2313						CSS Van Cise Tap T.
	2340						safety meeting
	2355						Pump water spacer
	2406	5	5				START lead CNT
	2434	7	100			6-144	Lead CNT Pumped Start Tail
	2440					145-226	Tail CNT Pumped Start Down Drop Plug
	2442						Start Disp.
	2455	6	50			0-300	slow Rate
	2508	2	14			300-800	Bump Plug Float Held
							RELEASED
							JAN 27 1997
							FROM CONFIDENTIAL
							Thank you For Calling Halliburton Energy Serv. Ron Cust & Crew

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