

ORIGINAL RELEASED

KCC

199
19-20, 196-00-00

JUN 6

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

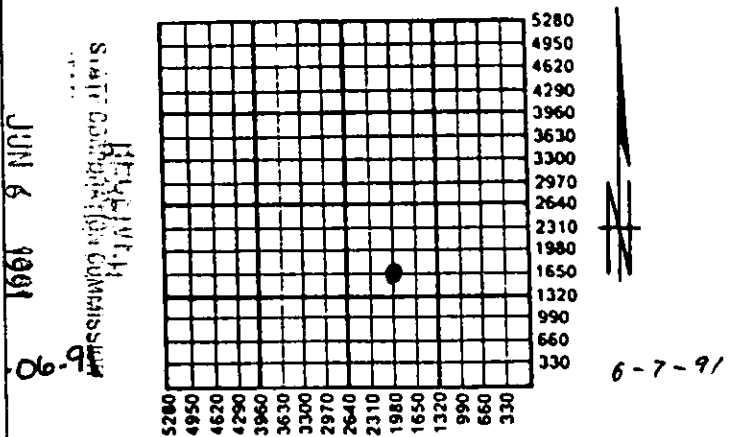
API NO. 15- _____
County Wallace
N 1/2 E 1/4 Sec. 25 Twp. 15S Rge. 42 East
West

Operator: License # 6593
Name: Coastal Oil & Gas Corp.
Address 211 North Robinson, Suite 1700
One Leadership Square
City/State/Zip Oklahoma City, OK 73102
Purchaser: Koch
Operator Contact Person: John D. Perry
Phone (405) 239-7031

1650 Ft. North from Southeast Corner of Section
1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Charles Well # 1-25
Field Name Wildcat
Producing Formation Morrow
Elevation: Ground 3808 KB 3817
Total Depth 5300' PBDT 5155'

Contractor: Name: Murfin Drlg. Co., Inc.
License: 30606
Wellsite Geologist: Richard Orsak



Designate Type of Completion
 New Well Re-Entry Workover
 Oil S.W.D. Temp. Abd.
 Gas Inj. Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

Amount of Surface Pipe Set and Cemented at 336 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1878 Feet
If Alternate II completion, cement circulated from 1878
feet depth to Surface w/ 560 sx cmt.

If O.W.D.: old well info as follows:
Operator: Inapplicable
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
04/05/91 04/15/91 05/02/91
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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]
Title District Operations Supv. Date 06/04/91
Subscribed and sworn to before me this 5th day of June
19 91.
Notary Public [Signature]
Date Commission Expires February 7, 1995

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC S.W.D/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Coastal Oil & Gas Corp. Lease Name Charles Well # 1-25
 Sec. 25 Twp. 15S Rge. 42 East West
 County Wallace

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.)

DIL, CNL, SONIC, FMS, ML

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Stone Corral	2746	2775
Lansing	4154	
Atoka	4844	
Morrow Shale	4984	
Morrow Sand	5004	
Mississippi	5147	

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	336'	Class 'A'	260	3% CAC1
Production	7 7/8	5 1/2"	14	5300'	Class 'A'	450	2% Gel
				501378	Lite	460	
					Class 'A'	100	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	5197-5204			1000 gal 15% HCl		5197-5204	
				Set CIBP @		5192	
2	5173-78 & 5162-68			1500 gal 15% HCl		5162-68, 73	
				Set CIBP @		5155	
2	5004-08			750 gal 7 1/2% FE		5004-08	
2	5008-15			1500 gal 15% FE HCl		5004-15	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer At			
2 3/8		5094					
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
05/02/91							
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		72	13	6	180 CF/BBL	40° API	

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

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

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JUN 6

DRILLSTEM TEST REPORT

CONFIDENTIAL

RELEASED
Date: 04/13/91

JUN 01 1992

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Prospect Name: Charles #1-25

Well Name: Carol

DST No. 1 Test Interval: Morrow 4979-5032'

Formation Tested: Morrow

Initial Flow: 30"- Weak blow increased to bottom of bucket in 6 min. At end of 30 min - 14 inch blow on 1/8" hose.

Initial Shut-in: 60"- Slight blow through shut-in.

Final Flow: 60"- Weak to strong blow in 2 min. Gas to surface in 3 min. Continued to increase throughout flow. 40 min into flow 16,700 CFPD on 1/2" plate 7#. At end of flow - 10,900 CFPD 1/2" plate 3#.

Final Shut-in: 120

Recovery:

<u>1000</u> Ft & <u>11</u> Bbls	Clean oil and gas	gravity 41 @ 60 °F
<u>220</u> Ft & <u>1</u> Bbls	Oil & gas cut drilling mud	
<u>100</u> Ft & <u>.5</u> Bbls	water	
<u> </u> Ft & <u> </u> Bbls		

Flowing DST Data _____

Chlorides: Recoveries 34,000 ppm R_w .22 @ 60 °F
 pH _____ ppm

Sample Chamber: 2500 cc volume Pressure 300 psi

Recovery: 1300 CC - 1050 CC oil, 250 CC wtr & 12.9 Ft3 gas

	<u>Pressures</u>		
	<u>Top</u>	<u>Middle</u>	<u>Bottom</u>
	<u>4991</u>		<u>4994</u>
Depth of Bomb	<u>181</u> to <u>316</u>	<u> </u> to <u> </u>	<u>204</u> to <u>304</u>
Initial Flow	<u> </u> to <u>1011</u>	<u> </u> to <u> </u>	<u> </u> to <u>996</u>
Initial Shut-in	<u>350</u> to <u>525</u>	<u> </u> to <u> </u>	<u>364</u> to <u>513</u>
Final Flow	<u> </u> to <u>1004</u>	<u> </u> to <u> </u>	<u> </u> to <u>996</u>
Final Shut-in	<u> </u> to <u>2528</u>	<u> </u> to <u> </u>	<u> </u> to <u>2452</u>
Initial Hydrostatic	<u> </u> to <u>2400</u>	<u> </u> to <u> </u>	<u> </u> to <u>2403</u>
Final Hydrostatic			

Temperature 138 °F Surface Choke 3/4 Bottom Choke 3/4

REMARKS: _____

STATE OF KANSAS

JUN 6 1991
 CONSERVATION DIVISION
 Wichita, Kansas

FAX TRANSMITTAL

Pages 3

~~HR, JDP, DA, EPC, FILE~~
04/26/91 ~~LD, JDM~~

4059, 425-405 270 5955 :# 1
4-19-91 3:37PM :
SENT BY: CORE LAB DKC

15-199-20196-00-00

TO	<u>Bob Reinhardt</u>
CO	<u>Coastal</u>
DEPT.	<u>Expl.</u>
FAX #	<u>270-5955</u>
FROM	<u>Lynn Antoine</u>
CO	<u>Core Laboratories</u>
PHONE #	<u>(405) 948-6422</u>
FAX #	<u>(405) 948-6425</u>

CORE ANALYSIS REPORT
 FOR
 COASTAL OIL & GAS CORPORATION
 CHARLES NO. 1-25 WELL
 WALLACE COUNTY, KANSAS

PRELIMINARY REPORT
 SUBJECT TO CORRECTION

STATE OF KANSAS
 RECEIVED
 JUN 6 1991
 OIL & GAS DIVISION
 WICHITA, KANSAS

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These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom; and for whose exclusive and confidential use; report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories (all errors and omissions excepted); Core Laboratories and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, production, operations, or profitability of any oil, gas or mineral well or formation in connection with which such report is used or relied upon.

2

4059(425-405 270 5955

3:38PM :

4-19-91

SENT BY: CORE LAB OKC

15-199-20196-00-00

CORE LABORATORIES

Company : COASTAL OIL & GAS CORPORATION
 Well : CHARLES NO. 1-25 WELL
 Location : SEC 25, T15; R42W
 Co, State : WALLACE COUNTY, KANSAS

Field :
 Formation : MORROW
 Coring Fluid : WATER BASE MUD
 Elevation :

File No.: 57182-13357
 Date : 19-APR-1991
 API No. :
 Analysts: DF,SB

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERNEABILITY (HORIZONTAL) Kair md	POROSITY (MELIUM) %	SATURATION		GRAIN DENSITY gm/cc	DESCRIPTION
				(PORE VOLUME) OIL %	WATER %		
BEAN STARK PLUG ANALYSIS							
NORROW FORMATION							
4991.0 - 4994.5 - No Analysis - Shale blk							LOG CALCULATES 55% 3
4994.5 - 5000.0 - No Analysis - Shale blk/gry sdy intbd							
1	5000.0- 01.0	2.20	15.5	0.0	87.3	2.68	Sat lt gry vff gr frac
2	5001.0- 02.0	0.52	13.3	0.0	82.8	2.68	Sat lt gry vff gr Sh lam
3	5002.0- 03.0	0.30	9.6	0.0	75.5	2.65	Sat lt gry vff gr
4	5003.0- 04.0	0.40	13.2	0.0	77.1	2.66	Sat lt gry vff gr Sh lam
5	5004.0- 05.0	13.0	16.6	4.2	78.2	2.68	Sat lt gry vff gr
6	5005.0- 06.0	40.0	18.0	13.1	65.3	2.68	Sat lt gry vff gr
7	5006.0- 07.0	126.	19.6	20.3	59.5	2.68	Sat lt gry f gr
8	5007.0- 08.0	174.	19.7	19.8	58.5	2.68	Sat lt gry f/m gr
9	5008.0- 09.0	88.8	19.1	14.8	62.4	2.68	Sat lt gry f gr Sh lam frac
10	5009.0- 10.0	135.	20.4	15.7	63.3	2.66	Sat lt gry f/m gr
11	5010.0- 11.0	248.	17.8	23.6	48.2	2.66	Sat lt c - gr
12	5011.0- 12.0	115.	19.5	18.6	59.9	2.67	Sat lt gry f/m gr Sh lam
13	5012.0- 13.0	37.0	19.0	13.7	70.7	2.67	Sat lt gry f gr
14	5013.0- 14.0	265.	18.4	12.2	51.4	2.67	Sat lt gry m gr
15	5014.0- 15.0	175.	17.5	17.8	57.0	2.67	Sat lt gry f/m gr
16	5015.0- 16.0	335.	16.0	18.5	51.9	2.67	Sat lt gry f/m gry stily lmy frac

CONSERVATION DIVISION
 Wichita, Kansas
 JUN 6 1991
 STATE OF KANSAS
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3
 425-405 270 5955
 15-199-20196-00-00
 4-19-91 3:39PM
 SENT BY: CORE LAB OKC

CORE LABORATORIES

Company : COASTAL OIL & GAS CORPORATION
 Well : CHARLES NO. 1-25 WELL

Field :
 Formation : MORROW

File No.: 57182-13357
 Date : 19-APR-1991

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZONTAL) K _{air} md	POROSITY (HELIUM) %	SATURATION		GRAIN DENSITY gm/cc	DESCRIPTION
				(PORE VOLUME) OIL %	WATER %		
17	5016.0- 17.0	1.00	11.0	0.3	75.0	2.73	Set lt gry cra gr lmy ally pyr Sh lam
18	5017.0- 17.3	55.0	13.2	12.7	65.1	2.69	Set lt gry cra gr ally lmy
5017.3 - 5032.7 - No Analysis - Shale blk foss							

STATE COMMISSION
 JUN 6 1991
 COASTAL OIL & GAS CORPORATION
 Wichita, Kansas

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FROM CONFIDENTIAL
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P.O. Box 4442
Houston, Texas

ORIGINAL CEMENTING LOG

STAGE NO. 1

Date 4-15-91 District Oakley Ticket No. L09382
 Company Coastal Oil & Gas Rig Marlin 20
 Lease Chas Well No. A-125
 County Wallace State KS
 Location Wichita 105-1E-15-Ein Field _____

CEMENT DATA:
 Cement Type: 9A 12A10-286-1-5210-42FL-30 10 110
 Amt. 450 Sls Yield 1.913 ft³/sk Density 14.5 PPG

CASING DATA
 Surface Intermediate Production Liner
 Size 50 Weight 14 Collar _____

LEAD: Pump Time _____ hrs. Type Lite
 Amt. 460 Sls Yield 1.57 ft³/sk Density 13.5 PPG

TAIL: Pump Time _____ hrs. Type A
 Amt. 100 Sls Yield 1.17 ft³/sk Density 15.6 PPG
 Net Lead 7.929 gals/sk Tail 5.185 gals/sk Total 167.34 Bbls.

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 6463
Bulk Equip. _____

Drill Pipe: Size _____ Weight _____ Collars _____
Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Float Equip: Manufacturer Baker
 Shoe: Type Foot shoe Depth 5319.34
 Float: Type float collar Depth 5287.64

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.244 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Centralizers: Quantity 10 Plugs Top _____ Btm. _____
 Stage Collars DV @ 1877.80
 Special Equip. Cent-Basket & Turbo Cent
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Charles Parrill

CEMENTER Fitz

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
6:00	pm		Central	Time	4-15-91	On Location w/ Float Equipment
1:30	am		4-16-91			On Location w/ set up Tels
5:45	am		1st stage			AFE 130 original Safety meeting
7:00	am		109.47 Bbls Slurry			Greenhite Hall Code 135-30 Bbls H ₂ O LRI 41150 gal Mud Sweep
			2nd Stage			Cement
7:35	am		128.62 Bbls Slurry			Washout Pump stages
8:00	am		20.84 Bbls Slurry			Release plug & Displace to Next Collar
8:05	am					Plug Down & Release Floats Did Hold 1500PSI
8:20	am					Deep Bench 670PSI
8:30	am					Open DV 670PSI
10:30	am					Excess let's Lead Cement Tail Cement
11:15	am					Washout Pump & Lines
11:20	am					Release plug & Displace to DV
11:30	am					Plug Down & DV Closed 1300PSI
11:30	pm					Job finished Circulate to Surface Circulated 45 Bbls Cement into pits