

STATE OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM

DATE JAN 1 1989
ACO-1 WELL HISTORY
FROM CONFIDENTIAL

DESCRIPTION OF WELL AND LEASE

Operator: license # 8802
name COBBA OIL & GAS CORPORATION
address P.O. BOX 1929

City/State/Zip Woodward, Oklahoma 73802

Operator Contact Person Glen A. Waugh
Phone 405-254-2027Contractor: license # 5654
name Rine Drilling CompanyWellsite Geologist Andrew Sexton
Phone 918-496-8230

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ Temp Abd
☒ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable10-4-87 10-14-87 11-23-87
Spud Date Date Reached TD Completion Date5680' 5617'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1507' feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 119-20,770

County Meade

C SE SW Sec 35 Twp 31S Rge 29 ☐ East ☒ West
(location)660 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Stern "35" Well# 1

Field Name Hockett Southeast

Producing Formation Chester

Elevation: Ground 2656' KB 2668'

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

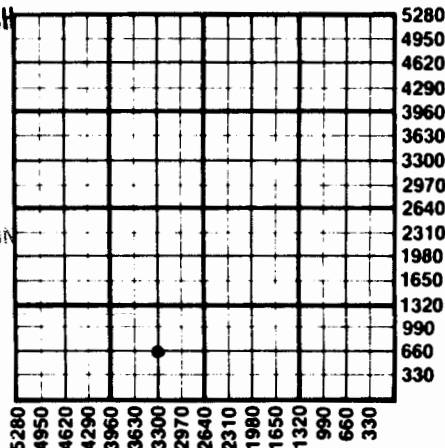
JAN 12 1989

RECEIVED
STATE CORPORATION COMMISSION

NOV 30 1987

CONSERVATION DIVISION
Wichita, Kansas

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T87-526

☒ Groundwater 3915 Ft North From Southeast Corner and
(Well) 3800 Ft. West From Southeast Corner of
Sec 2 Twp 32 Rge 29 ☐ East ☒ West☐ Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge ☐ East ☐ West☐ Other (explain) _____
(purchased from city, R.W.D.#)Disposition of Produced Water: ☐ Disposal ☐ Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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 Glen A. Waugh

Title District Manager Date 11-25-87

Subscribed and sworn to before me this 25th day of November 19 87

Notary Public Nancy Watkins

Notary Commission Expires 8-4-89

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

K.C.C. OFFICE USE ONLY		
☒ F	☐ Letter of Confidentiality Attached	
☒ C	☐ Wireline Log Received	
☐ C	☐ Drillers Time Log Received	
Distribution		
☐ KCC	☐ SWD/Rep	☐ NGPA
☒ KGS	☐ Plug	☐ Other (Specify)

Form ACO-1
(This form supercedes
previous forms
ACO-1 & C-10)

DEC 02 1987

Sec. 35 Twp. 31 Rge. 29

Operator Name **COBRA OIL & GAS CORP** Lease Name **Stern 35** Well# **1** SEC **35** TWP **31S** RGE **29** ☐ East ☒ West

WELL LOG

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
Samples Sent to Geological Survey ☐ Yes ☐ No
Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample Subsea

DST #1
Chester Interval 5480'-5610'
1st open GTS in 15 mins., final rate of 600
MCFD (240# on a 5/16" choke)
2nd open final rate of 720 MCFD (100# on a 1/2"
choke)
Times 30 60 60 120 mins.
Rec. 380' of gas cut mud
IHP 2726" IFP 137-410# ISIP 1934# FFP 182-
273# FSIP 1934# FHP 2681#

Name	Top	Bottom
Heebner	4362'(-1694')	
Toronto	4384'(-1716')	
Lansing	4494'(-1826')	
Kansas City	4674'(-2006')	
Swope	4894'(-2226')	
Hertha	4942'(-2274')	
Pleasanton	5056'(-2388')	
Marmaton	5066'(-2398')	
Pawnee	5176'(-2508')	
Ft. Scott	5210'(-2542')	
Cherokee	5228'(-2560')	
Chester	5508'(-2840')	

CASING RECORD ☐ new ☐ 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
Conductor	30"	20"	48#	87'	8sk grout	7 yds.	2% cc.
Surface	12.25"	8.625"	24#	1507'	Hal lite	500	2% cc.
Production	7.875"	4.500	11.60	5679'	Class C	150	2% cc.
					Self Stress	220	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
	5509'-5591' (30 holes)	3000 gal 1520	5509-91

TUBING RECORD		Liner Run	
size	set at	Yes	No
2 3/8"	5519	☐ Yes	☒ No

Date of First Production	Producing method				
11-23-87	☒ flowing	☐ pumping	☐ gas lift	☐ Other (explain)	
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	3 Bbls	723 MCF	none Bbls	241,000 CFPB	60

Disposition of gas: ☐ vented☒ sold☐ used on lease

METHOD OF COMPLETION

☐ open hole ☒ perforation☐ other (specify)☐ Dually Completed☐ Commingled

PRODUCTION INTERVAL

5509' - 5591'