

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

Operator: License # 07027
Name COBRA OIL & GAS CORPORATION
Address P.O. Box 1929
City/State/Zip Woodward, OK 73802-1929

Purchaser Northern Natural Gas

Operator Contact Person Glen A. Waugh
Phone 405-254-2027

Contractor: License # 5654
Name Rine Drilling Company

Wellsite Geologist Bill Hillman
Phone 405-256-1842

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 Cable
1-13-87 1-22-87 4-28-87
Spud Date Date Reached TD Completion Date
5700' 5665'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1501 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
Cement Company Name Halliburton
Invoice # 498447

API NO. 15-119 20,752-0000
County Meade
C... NW/4... Sec. 2... Twp 32S... Rge. 29... East X West

3960 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

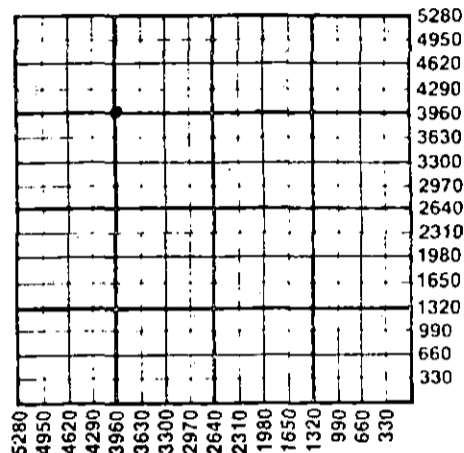
Lease Name Floyd "2" Well # 1

Field Name Hockett SE

Producing Formation Chester

Elevation: Ground 2662' KB 2674'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T. 87-24

Groundwater 3960 Ft North from Southeast Corner
(Well) 3960 Ft West from Southeast Corner of
Sec 2 Twp 32S Rge 29 East X West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D. #)

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. 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 Glen A. Waugh/Dist. Mgr. Date 5-5-87

Subscribed and sworn to before me this 5th day of May 1987

Notary Public Nancy Watkins

Date Commission Expires 8-4-89

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

Sec. 2, Twp 32S, Rge 29E

MAY 6 1987

Operator Name COBRA OIL & GAS CORPORATION Lease Name..... Floyd "2" Well #.....

Sec..... 2 Twp..... 32S Rge..... 29 East West County..... Meade.....

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 zone interval
 5564-5610, Times 30-60-60-120
 Gas to surface after
 2nd open. IHP 2698#,
 IFP 39-29#, ISIP 1000#
 FFP 39-39#, FSIP 1872#
 IHP 2688#, Temp 120°

Name	Top	Bottom
Heenber	4385	-1711
Toronto	4606	-1732
Lansing	4504	-1830
Kansas City	4694	-2020
Swope	4922	-2248
Hertha	4983	-2309
Pleasanton	5084	-2410
Marathon	5094	-2420
Pawnee	5205	-2531
Ft. Scott	5246	-2572
Cherokee	5263	-2589
Chester	5548	-2874
TD	5700	-3026

RELEASED
 JUN 08 1988

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used				FROM CONFIDENTIAL			
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"		80'	8. sk. Grt	7 yds	.2% CC
Surface.....		8 5/8"	24#	1501'	65-35 Poz	550	.6% gal/2% CC
Prod.		4 1/2"	11.60#	5699	Reg	220	200 Reg 3% CC 5% KCL & 6% Halad
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	5614-5628			Acid Frac 20,000 gal. pad 15,000 gal. 28% w/1500 SCF/Bbl CO ₂			
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production		Producing Method					
3-15-87		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		none					
		Bbls	969 MCF	7 Bbls		CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled