SIDE ONE

KDC

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 # 5393
Name A.L. Abercrombie, Inc.
Address 801 Union Center
150 N. Main
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Co.
Wichita, KS

Operator Contact Person Jack K. Wharton
Phone 316-262-1841

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Mark Galyon
Phone 316-262-1841

Designate Type of Completion
[XX] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [XX] 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:
[XX] Mud Rotary [ ] Air Rotary [ ] Cable

11/02/84 Spud Date
11/10/84 Date Reached TD
12/17/84 Completion Date

3573' Total Depth
- - PBTD

Amount of Surface Pipe Set and Cemented at 1528' feet
Multiple Stage Cementing Collar Used? [ ] Yes [XX] No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 1528 feet depth to Surface w/ 600 SX cmt

API NO. 15- 163-22,541 0000

County Rooks

90' N of C SE SE SE Sec. 28 Twp. 7S Rge. 20 [ ] East [XX] West

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

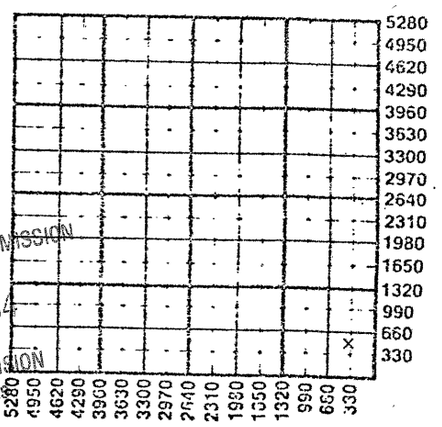
Lease Name LLOYD COOK "B" Well # 2

Field Name Cocinera

Producing Formation Arbuckle Regan Sand

Elevation: Ground 1956' KB 1961'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
12/28/84
DEC 28 1984
CONSERVATION DIVISION
Wichita, Kansas

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 #

[XX] Groundwater 1760 Ft North from Southeast Corner
(Well) 4620 Ft West from Southeast Corner of
Sec 5 Twp 8S Rge 20 [ ] East [XX] 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 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. Rule 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 Jack K. Wharton
Jack K. Wharton
Title Vice President Date 12-27-84

Subscribed and sworn to before me this 27th day of December 19 84
Notary Public Elizabeth G. Terry
Elizabeth G. Terry
Date Commission Expires 7-13-85

ELIZABETH G. TERRY NOTARY PUBLIC STATE OF KANSAS

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

Sec. Twp. Rge.

Form ACO-1 (7-84)

2 4 3
3820 190
760 4
7760 7 60

SIDE TWO

Operator Name A.L. Abercrombie, Inc. Lease Name LLOYD COOK "B" Well # 2

Sec. 28 Twp. 7S Rge. 20 ☐ East ☒ West County Rooks

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

DST #1: (3135' - 3169') 30-30-30-30. Wk. Blow, died. Rec. 5' Mud. IFPs: 67-67#, ISIP: 76#, FFPs: 67-67#, FSIP: 67#.

DST #2: (3172'-3189') 30-30-30-30. Rec. 5' OSM. IFPs: 19-19# ISIP: 28#, FFPs: 19-19#, FSIP: 19#.

DST #3: (3203' - 3225') 30-45-30-45. Rec. 5' Mud. IFPs: 76-76# ISIP: 96#, FFPs: 76-76#, FSIP: 86#

DST #4: (3228'-3256') 30-45-60-45. Rec. 62' MW. IFPs:57-63# ISIP: 1104#, FFPs: 63-69#, FSIP: 980#.

DST #5: (3287' - 3355') 30-45-60-45. Rec. 30' Mud, 1' OSM. IFPs: 50-50#, ISIP: 414#, FFPs: 50-50#, FSIP: 123#.

DST #6: (3406' - 3453') 30-45-12-packer failed. Wk. Blow 1st 30" open period, no blow 2nd open, flushed tool 12" into 2nd open period and packer failed. Rec. 435' Mud. IFPs: 67-71#, ISIP: 167#, FFPs: 76-76#, FSIP: no taken

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
Anhydrite	1521'(+ 440)	
B/Anhydrite	1555'(+ 406)	
Topeka	2936'(- 975)	
Heebner	3140'(-1179)	
Toronto	3163'(-1202)	
Lansing	3177'(-1216)	
Arbuckle	3461'(-1500)	
Regan Sand	3550'(-1589)	
TD	3573'	

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	17½"	13 3/8"	47#	91'	Common	120	2% gel. 3% c.c
Surface	12¼"	8 5/8"	24#	1528'	60-40 poz	600	2% gel. 3% c.c
Production	7 7/8"	5½"	14#	3497'	Common	150	Salt Sat.

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
OH	3497' - 3573'	2000 gal	3573'

TUBING RECORD Size 2 3/8" Set At 3491' Packer at 3491' Liner Run ☐ Yes ☐ No

Date of First Production | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☒ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

Production Interval
3497' - 3573'

3497
150
3150