28-7-20W

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

Operator Contact Person Jack K. Wharton
Phone 262-1841

Contractor: license # 5422
name Abercrombie Drilling, Inc.

Wellsite Geologist Steve Frankamp
Phone 316-262-1841

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

[X] 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

RECEIVED
STATE CORPORATION COMMISSION
NOV 29 1984
CONSERVATION DIVISION
Wichita, Kansas

API NO. 15 - 163-23,594

County Rooks

NW SE SE Sec 28 Twp 7S Rge 20 [ ] East [X] West
(location)

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

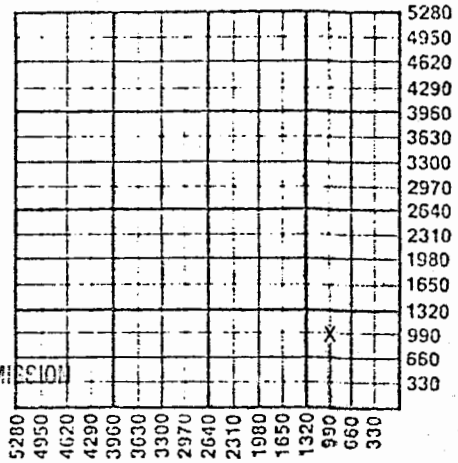
Lease Name Lloyd Cook 'B' Well# 1

Field Name Cochiera

Producing Formation Lansing-Kansas City

Elevation: Ground 1975' KB 1980'

Section Plat



WELL HISTORY

Drilling Method: [XX] Mud Rotary [ ] Air Rotary [ ] Cable

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

3480' --
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 250.10' @ 257' feet

Multiple Stage Cementing Collar Used? [X] Yes [ ] No

If Yes, Show Depth Set 1538' feet

If alternate 2 completion, cement circulated
from 1538 feet depth to Surface w/ 715 SX cmt

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

[XX] Groundwater 1760 Ft North From Southeast Corner and
(Well) 4620 Ft. West From Southeast Corner of
Sec 5 Twp 8S Rge 20 [ ] East [X] 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 #

TUBING RECORD size set at packer at Liner Run [ ] Yes [ ] No

Date of First Production	Producing method [ ] flowing [ ] pumping [ ] gas lift [ ] Other (explain)			
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio / Gravity

W.S.-7-32

Operator Name A.L. Abercrombie, Inc. Lease Name Lloyd Cook "B" Well # 1 SEC 29 TWP. 7S RGE 20 ☐ 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

DST #1: (3087' - 3102') (Top.) 30-45-60-45. Rec. 2108' SW, Scum oil. IFPs: 114-492#, ISIP: 1193#, FFPs; 579' - 989#, FSIP: 1188#

DST #2: (3139' - 3192') 30-45-60-45. Rec. 320' GIP, 868' FGO (27°), 175' MCO (60% oil), 120' WO (50% water, 20% oil) IFPs: 148-283#, ISIP: 1032#, FFPs: 382-514#, FSIP: 1139#.

DST #3: (3210' - 3232') 30-45-60-60. GTS 30". OTS 85". IFPs: 254-778#, ISP: 1171#, FFPs: 850-1119#, FSIP: 1181#.

DST #4: (3235' - 3274') 30-45-60-45. Rec. 560' GIP, 640' C.. Gsy Oil. 480' Gsy. MCO (60% oil), 290' Gsy. WCO (70% oil, 12% water), 530' OCW (25% oil, 67% water) IFPs: 137-466#, ISIP: 1212#, FFPs: 539-881#, FSIP: 1212#.

DST #5; (3276' - 3282') 30-45-60-45. Rec. 120' OSMW, 280' Cl. SW, IFPs: 57-92#, ISIP: 1053#, FFPs: 103-193#, FSIP: 1053#.

DST #6: (3298' - 3364') 30-45-30-45. Rec.15' OSM, IFPs: 74-74#, ISIP: 1088#, FFPs: 74-74#, FSIP: 1006#.

DST #7: (3363' - 3394') 30-45-60-45. Rec. 90' SOCW (3% oil), 310' SW, IFPs: 84-148#, ISIP: 1109#, FFPs: 180-243#, FSIP: 954#

DST #8: (3413' - 3454') 30-45-60-45. Rec. 80' OCM (4%oil) IFPs: 63-74#, ISIP: 881#, FFPs: 74-84#, FSIP: 487#

DST #9: (3439' - 3462') 30-45-60-45. Rec. 100' MCO (65%oil), 60' OCM (10% oil) IFPs: 74-95#, ISIP: 912#, FFPs: 105-127#, FSIP: 798#

DST #10: (3462' - 3472') 30-45-60-45. Rec. 240' MW w/scum oil. IFPs: 63-84#, ISIP: 923# FFPs: 116-148#, FSIP: 809#.

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
Anhydrite	1535'(+ 445)	
B/Anhydrite	1568'(+ 412)	
Topeka	2946'(- 966)	
Heebner	3148'(-1168)	
Toronto	3175'(-1195)	
Lansing	3187'(-1207)	
B/KC	3395'(-1415)	
Arbuckle	3431'(-1451)	

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

METHOD OF COMPLETION
☐ open hole ☒ perforation
☐ other (specify)
☐ Dually Completed.
☐ Commingled

PRODUCTION INTERVAL
3261' - 3264'
3227' - 3230'

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
Surface	12¼"	8 5/8"	20#	257'	Common	185	2% gel, 3% cc
Production	7 7/8"	5½'	14#	3487'	50-50 pozmix	50	2% gel, 7 [illegible] Gi
					Common	150	D-29
DV Tool				1538'	50-50 poz	715	2% gel, 3% cc

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	450' - 452'	195 sx. Common cement	452
4	354' - 356'	120 sx. Common cement	409
2	3440' - 3456'	2000 gal. 15% INS	3463