

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5393 EXPIRATION DATE 6/30/83
OPERATOR A.L. Abercrombie, Inc. API NO. 15-109-20,261-00-00
ADDRESS 801 Union Center COUNTY Logan
Wichita, KS 67202 FIELD Owen
\*\* CONTACT PERSON Jack K. Wharton PROD. FORMATION Lansing/KC
PHONE 316-262-1841
PURCHASER Koch Oil Co. LEASE OWEN
ADDRESS Box 2256 WELL NO. 4
Wichita, KS 67201 WELL LOCATION 70' N of S/2 S/2 NE/4
DRILLING CONTRACTOR Abercrombie Drilling, Inc. 920 Ft. from North Line and
ADDRESS 801 Union Center 1320 Ft. from East Line of
Wichita, KS 67202 the NE (Qtr.) SEC 21 TWP 12S RGE 33W.

PLUGGING CONTRACTOR ADDRESS
TOTAL DEPTH 4775' PBSD 4637
SPUD DATE 10-21-82 DATE COMPLETED 1-14-83
ELEV: GR 3108' DF 3111' KB 3113'
DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE None Yet

WELL PLAT (Office Use Only)
KCC [checked]
KGS [checked]
SWD/REP
PLG.
[Grid with 'x' in center]

Amount of surface pipe set and cemented DV Tool Used? YES
THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil) Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

RECEIVED
STATE CORPORATION COMMISSION
02-01-83
FEB 1 1983

A F F I D A V I T

Jack K. Wharton, being of legal age, hereby certifies that:
I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Jack K. Wharton (Name)
Jack K. Wharton, Vice President
SUBSCRIBED AND SWORN TO BEFORE ME this 20th day of January, 1983.

MY COMMISSION EXPIRES: 7-13-85
Elizabeth G. Terry (NOTARY PUBLIC)
Elizabeth G. Terry

\*\* The person who can be reached by phone regarding any questions concerning information.
[Notary Seal: ELIZABETH G. TERRY, NOTARY PUBLIC, STATE OF KANSAS]

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR A.L. Abercrombie, Inc.

LEASE OWEN #4

SEC. 21 TWP. 12S RGE. 33W

FILL IN WELL LOG AS REQUIRED:

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
			NAME	DEPTH
	0	360	SAMPLE TOPS:	
Shale & Sand	360	574	Anhydrite	2597' (+ 516)
Sand	574	1850	B/Anhydrite	2619' (+ 494)
Shale & Sand	1850	2597	Heebner	4011' (- 898)
Shale	2597	2619	Toronto	4034' (- 921)
Anhydrite	2619	3730	Lansing	4053' (- 940)
Shale	3730	4045	Stark Shale	4285' (-1172)
Shale & Lime	4045	4065	B/KC	4364' (-1251)
Lime	4065	4093	Pawnee	4483' (-1370)
Shale & Lime	4093	4097	Ft. Scott	4544' (-1431)
Lime	4097	4160	Miss.	4687' (-1574)
Shale & Lime	4160	4294		
Lime	4294	4573		
Lime & Shale	4573	4653	ELEC. LOG TOPS:	
Lime	4653	4710	Anhydrite	2592' (+ 521)
Shale & Lime	4710	4775	B/Anhydrite	2616' (+ 497)
Lime			Heebner	4009' (- 896)
Rotary Total Depth			Toronto	4033' (- 920)
			Lansing	4054' (- 941)
			Stark Shale	4284' (-1171)
			Ft. Scott	4545' (-1432)
			Johnson	4618' (-1505)
			Miss.	4698' (-1585)
			LTD	4775' (-1662)
<p>DST #1: (4016'-4045') 30-60-30-60. Rec. 1574' OCSW                      IFPs: 172-529#, ISIP: 1203#, FFPs: 609-769#, FSIP: 1191#                      Temp. 118°, Gravity 28°. 43,000 Chl.</p> <p>DST #2: (4048' - 4065') 30-60-30-60. Rec. 990' VSOCSW.                      IFPs: 69-288#, ISIP: 1214#, FFPs: 334-437#, FSIP: 1205#                      Temp. 118°, 43,000 Chl.</p> <p>DST #3: (4074' - 4093') 30-60-50-60. Rec. 246' MSW, tr.                      oil. IFPs: 46-57#, ISIP: 1260#, FFPs: 69-115#, FSIP:                      1248#. Temp. 118°</p>				

Report of all strings set— surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	360'	60-40 pos.	260	2% gel, 3% c.c.
Production	7 7/8"	5 1/2"	14#	4740'	Desco Flush	50 bbls.	
					Mud Sweet	500 gal.	
					50-50 pos.	50 sx.	2% gel, 7 1/2# Gilsin.
DV Tool				1854	Common	250 sx.	0-29
					50-50 pos.	650	50-50 posmix

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DP Jets	4527' - 4552'
TUBING RECORD			4	DP Jets	4531' - 4536'
			4	DP Jets	4280' - 4283'
Size	Setting depth	Packer set at	4	DP Jets	4270' - 4274'
					4250' - 4254'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gal. 15% Non-E	4547' - 4552'
2500 gal. 15% CRA and 100# Plugging agent	4531' - 4536'
	4280' - 4283'
1500 gal. 15% Non-E	4270' - 4274'
	4250' - 4254'
1000 gal. 15% Non-E	
Date of first production 1-14-83	Producing method (flowing, pumping, gas lift, etc.) Pumping
Gravity 39.1°	
RATE OF PRODUCTION PER 24 HOURS	Oil 120 bbls. Gas trace% MCF Water 7% bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Perforations 4280' - 4283', 4270' - 4274', 4250' - 4254'

15-109-20261-00-00

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR A.L. Abercrombie, Inc. LEASE NAME OWEN

# 4 SEC. 21 TWP. 12S RGE. 33W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #4: (4127' - 4144') 30-60-30-60. Rec. 1083' Cl. Oil. IFPs: 92-276#, ISIP: 1260#, FFPs: 322-414#, FSIP: 1248# Temp. 118°				
DST #5: (4193' - 4210') 30-60-60-60. Rec. 230' GIP, 110' Cl. Oil, 30' OCMSW. IFPs: 34-34#, ISIP: 1271#, FFPs: 46-57#, FSIP: 1214#. Temp. 114°, Gravity 38°, 67,000 Chl.				
DST #6: (4215' - 4230') 30-60-30-60. Rec. 651' GIP, 618' Cl. Oil, 279' OCSW. IFPs: 80-241#, ISIP: 757#, FFPs: 288-345#, FSIP: 757#. Temp 117°, Gravity 37°.				
DST #7: (4238' - 4257') 30-60-30-60. Rec. 1747' GIP, 638' Cl. Oil, 186' MO, 93' Watery Oil. IFPs: 59-207#, ISIP: 963# FFPs: 264-334#, FSIP: 963#, Temp. 118°, Gravity 41°, 62,000 Chl.				
DST #8: (4272' - 4284') 30-60-30-60. Rec. 681' GIP, 246' Cl. Oil, 93' Watery Oil. IFPs: 34-52#, ISIP: 552#, FFPs: 92-115# FSIP: 552#. Temp. 118°, Gravity 41° @ 60°. 61,000 Chl.				
DST #9: (4291' - 4308') 30-60-60-60. Rec. 60' MSW with show of oil. IFPs: 23-23#, ISIP: 1260#, FFPs: 46-46#, FSIP: 1168# Temp. 118°, 66,000 Chl.				
DST #10: (4516' - 4573') 30-60-60-60. Rec. 123' OCM. IFPs: 57-57#, ISIP: 1077#, FFPs: 69-92#, FSIP: 1043#. Temp. 122°				
DST #11: (4579' - 4653') (Johnson Zone) 30-60-60-60. Rec. 90' OCM. IFPs: 57-57#, ISIP: 815#, FFPs: 80-80#, FSIP: 552#				
DST #12: (4653' - 4710') 30-60-60-60. Rec. 30' SOCM. IFPs: 46-46#, ISIP: 218#, FFPs: 57-69#, FSIP: 1115#				

RECEIVED  
 STATE COMMISSION  
 FEB 1 1983  
 INVESTIGATION DIVISION  
 Michigan