



IDE 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

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 Abercrombie Drilling, Inc. 920 Ft. from North Line and

CONTRACTOR 801 Union Center 1320 Ft. from East Line of

ADDRESS Wichita, KS 67202 the NE (Qtr.) SEC 21 TWP 12S RGE 33W.

PLUGGING CONTRACTOR ADDRESS

State Geological Survey WICHITA BRANCH

WELL PLAT

Grid diagram for well plat with 'x' and '21' markings.

(Office Use Only)

KCC KGS SWD/REP PLG.

TOTAL DEPTH 4775' PBD 4637

SPUD DATE 10-21-82 DATE COMPLETED 1-14-83

ELEV: GR 3108' DF 3111' KB 3113'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

SOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE None Yet

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

FEB 1 1983

A F F I D A V I T

Jack K. Wharton, being of lawful 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.

Signature of Jack K. Wharton (Name)

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; corod 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
Shale & Sand	0	360	<u>SAMPLE TOPS:</u>	
Sand	360	574	Anhydrite	2597' (+ 516)
Shale & Sand	574	1850	B/Anhydrite	2619' (+ 494)
Shale	1850	2597	Heebner	4011' (- 898)
Anhydrite	2597	2619	Toronto	4034' (- 921)
Shale	2619	3730	Lansing	4053' (- 940)
Shale & Lime	3730	4045	Stark Shale	4285' (-1172)
Lime	4045	4065	B/KC	4364' (-1251)
Shale & Lime	4065	4093	Pawnee	4483' (-1370)
Lime	4093	4097	Ft. Scott	4544' (-1427)
Shale & Lime	4097	4160	Miss.	4687' (-1574)
Lime	4160	4294		
Lime & Shale	4294	4573		
Lime	4573	4653	<u>ELEC. LOG TOPS:</u>	
Shale & Lime	4653	4710	Anhydrite	2592' (+ 521)
Lime	4710	4775	B/Anhydrite	2616' (+ 497)
Rotary Total Depth	4775		Heebner	4009' (- 896)
			Toronto	4033' (- 920)
			Lansing	4054' (- 941)
			Stark Shale	4284' (-117)
			Ft. Scott	4545' (-1432)
			Johnson	4618' (-1505)
			Miss.	4698' (-1585)
			LTD	4775' (-1662)
<p>DST #1: (4016'-4045') 30-60-30-60. Rec. 1674' DCSW 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') 30-60-60-60. 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.	D-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	4547' - 4552'
TUBING RECORD			4	DP Jets	4531' - 4536'
					4280' - 4283'
					4270' - 4274'
Size	Setting depth	Packer set at	4	DP Jets	4250' - 4254'

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

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

FILL IN WELL LOG AS REQUIRED:

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

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.

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' OCM. 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: 115#				

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'	
1000 gal. 15% Non-E		4250' - 4254'	
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 MCF	Water trace % bbls.
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio CFPB	
		Perforations 4280' - 4283', 4270' - 4274', 4250' - 4254'	