

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the 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.

Circle one: Oil Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR A.L. Abercrombie, Inc.

ADDRESS 801 Union Center

Wichita, KS 67202

*CONTACT PERSON Jack K. Wharton

PHONE 262-1841

PURCHASER KOCH OIL COMPANY

ADDRESS Box 2256

Wichita, KS 67201

DRILLING Abercrombie Drilling, Inc.

CONTRACTOR 801 Union Center

ADDRESS Wichita, KS 67202

PLUGGING

CONTRACTOR

ADDRESS

TAL DEPTH 4650' PBDT 4606'

SPUD DATE 11/22/81 DATE COMPLETED 1/25/82

ELEV: GR 3064' DF 3067' KB 3069'

ILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 317.92' DV Tool Used? NO

ACID FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated	
500 gallons MCA		4157'-4160'	
500 gallons MCA		4211'-4215'	
500 gallons Non-F		4546'-4552'	
500 gallons MCA		Gravity	
500 gallons Non-F			
Date of last production		Pumping	
1/25/82			
RATE OF PRODUCTION PER 24 HOURS		Water 43 % 59 bbls. Gas-oil ratio	
78		CFFS	
Disposition of gas (vented, used on locus or sold)		Perforations	
		4157'-4160', 4211'-4215', 4546'-4552'	
		(Commingled)	

API NO. 15-109-20,202

COUNTY Logan

FIELD Hubert

PROD. FORMATION Lansing, KC & Lower Chero.
(Commingled)

LEASE MOORE 'B' (formerly MOORE D #1)

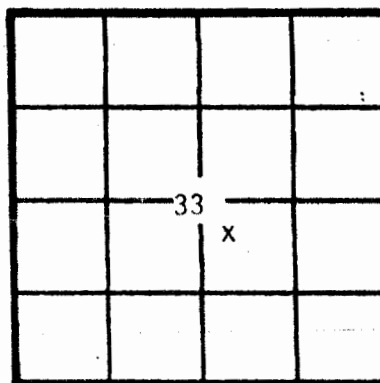
WELL NO. 4

WELL LOCATION N/2 NW SE

2040 Ft. from EAST Line and

2310 Ft. from SOUTH Line of

the SE/4 SEC. 33 TWP. 11S RGE. 33W

WELL FLAT

KCC
KGS
(Office Use)

SIDE TWO

WELL LOG

Show all important areas of porosity and contents covered; record intervals, and all well stem tests, including depth interval tested, amount used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MAPS AND LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & Clay	0	326	SAMPLE TOPS:	
Sand & Shale	326	791		
Shale	791	1480	Anhydrite	2561' (+ 508)
Sand	1480	1570	Heebner	3970' (- 901)
Shale	1570	2561	Toronto	3997' (- 928)
Anhydrite	2561	2586	Lansing	4017' (- 948)
Shale	2586	3352	B/KC	4301' (-1232)
Shale & Lime	3352	3525	Marmaton	4336' (-1267)
Shale	3525	3720	Pawnee	4442' (-1373)
Shale & Lime	3720	4168	Ft. Scott	4482' (-1415)
Lime	4168	4650	Johnson	4552' (-1483)
Rotary Total Depth		4650		
ELEC. LOG TOPS:				
DST #1: (4146' - 4186') Packer Failure.			Anhydrite	2555' (+ 514)
DST #2: (4127' - 4186') Packer Failure.			Heebner	3967' (- 899)
DST #3: (4128' - 4186') Packer Failure.			Toronto	3993' (- 924)
DST #4: (4183' - 4210') (160' zone) Wk. Blow, 20' died.			Lansing	4007' (- 938)
Rec. 5' SOCM. IFPs: 31-31#, ISIP: 342#. IFPs:			B/KC	4292' (-1223)
31-31#, FSIP: 51#.			Marmaton	4351' (-1282)
DST #5: (4213' - 4240') (180' zone) 30-45-60-45.			Johnson Zone	4543' (-1474)
Wk - strong blow. Rec. 515' GIP, 160' Cldy. oil,			Miss.	4607' (-1538)
155' GCMO, IFPs: 41-62#, ISIP: 321#, IFPs: 93-124#,			LTD	4648'
FSIP: 321#.			DTD	4650'
DST #6: (4240' - 4270') (200' zone) Packer Failure.				
DST #7: (4246' - 4270') (200' zone) 30-45-90-45.				
Wk.-fair blow. Rec. 255' SW. IFPs: 29-49#, ISIP:				
1359#, IFPs: 59-118#, FSIP: 1340#.				
DST #8: (4492' - 4570') Packer Failure.				
DST #9: (4525' - 4570') (Johnson zone) 30-45-90-45.				
Packer failed momentarily - then set. Rec. 60' GIP,				
175' VHOOM (25-40% oil), 125' OCM (5% oil), IFPs:				
147-147#, ISIP: 1077#, IFPs: 147-167#, FSIP: 990#.				

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"	20#	323'	Common	200	2% gel, 3% c.c.
Production		4 1/2"	10 1/2#	4645'	Common	150	18% Salt, 2% gel w/ friction reducer.

LINER RECORD

Top, ft.	Bottom, ft.	Setting depth	Shots per ft.	Shot type	Depth interval
			4		4546' - 4552
TUBING RECORD			4		4211' - 4215'
Size	Setting depth	Shots per ft.			
			4		4157' - 4160'