

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 # 5407
name Hupfer Oil & Gas
address 3711 Country Lane
City/State/Zip Hays, KS 67601

Operator Contact Person Dennis D. Hupfer
Phone (913) 628-8666

Contractor: license # 5107
name H-30, Inc.

Wellsite Geologist Mike Fletcher
Phone (316) 792-8141
PURCHASER Koch Oil Co.

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abandonment
 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: Mud Rotary Air Rotary Cable
8-3-84 8-10-84 8-11-84
Spud Date Date Reached TD Completion Date
4382' PBT
Total Depth

Amount of Surface Pipe Set and Cemented at 313 feet
Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 313 feet depth to surface w/ 225 SX cmt

API NO. 15 - 145-21,131-0000

County Pawnee

C S/2 SE NE Sec 16 Twp 23S Rge 17 East West

2970 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

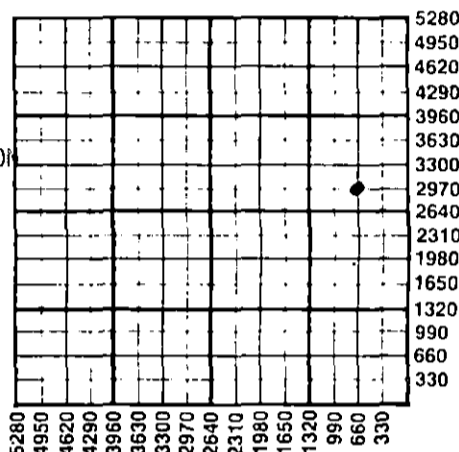
Lease Name Fertig Well# 1

Field Name Garfield

Producing Formation Conglomerate Chert

Elevation: Ground 2096 KB 2101

Section Plat



RECEIVED

OCT 01 1984

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: H-30, Inc. applied but never received
Division of Water Resources Permit #

Groundwater 2970 Ft North From Southeast Corner and
(Well) 760 Ft. West From Southeast Corner of
Sec 16 Twp 23 Rge 17 East 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: Currently hauling. Disposal
 Repressuring
Docket # CD-48270, C-20,891

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. Rules 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 Dennis D. Hupfer
Title President Date 9-25-84

Subscribed and sworn to before me this 27 day of September 19 84

Notary Public Wallace R. Schmidt
Date Commission Expires July 24, 1987

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. 16 Twp. 23 Rge. 17W

Operator Name Huffer Oil & Gas Lease Name Fertig Well# 1 SEC 16 TWP 23S RGE 17 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

Formation Description
 Log Sample

DST #1 - Conglomerate Chert - 4242 to 4272. 30-30-30-30
 Gauge 33,900 CFGPD, 3/4" choke. Recovered 210 ft.
 HOCM, 475 ft. muddy oil & 190 ft. clean gassy oil.
 IBHP 450, FBHP 461, IFP 214-271, FFP 328-345.

Completion: Perforate Conglomerate Chert 4264 to 4275 with 2 holes per foot. Good show of oil natural. Acidized with 300 gal. FE, 15% oil and gas. Shut off. Frac with 75 sxs. 20/40 sand and 25 sxs. 10/20 sand. with 500 bbl. gel water. Swabbed 30 BFPH, no show of oil.

Squeezed perforations 4264 to 4275 with 100 sxs. common @ 2000 PSI. Perforate 4263 to 4270, 3 holes per foot. Acidized with 1000 gal. FE 15%. Swabbed 60 bbl. of load. Good show of oil and gas.

Ran tubing and rods. Put on Pump. Pump 30 BOPD and 100 bbl. of water.

Name	Top	Bottom
Sand & shale	0'	1169'
Sand, Shale & lime	1169'	1565'
Shale & lime	1565'	2055'
Lime & shale	2055'	3330'
Shale & lime	3330'	3526'
Lime & shale	3526'	4382'
Rotary total depth	4382'	
TOPS:		
Heebner	3696	-1595
Toronto	3712	-1611
Douglas Shale	3722	-1621
Brown Lime	3806	-1705
Lansing	3816	-1715
Base K.C.	4104	-2003
Cong. Sd.	4249	-2148
Kinderhook Sd.	4312	-2211
Viola	4348	-2247
R.T.D.	4382	-2281

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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	12-1/4"	8-5/8"	24#	313'	60/40	225	3% cc, 2% gel
PRODUCTION	7-7/8"	5-1/2"	15.5#	4380'	Common	125 common	10% salt, with D-29
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	4264 to 4275 - 300 gal. FE 15% & frac with 500 bbl. gel water.			75 sxs. 20/40 sd., 25 sxs. 10/20 sd.			4264 to 4275
	Squeeze perforation 4264 to 4275 w/ 100 sxs. common @ 2000 PSI.						4264 to 4275
3	4263 to 4270			1000 gal. FE 15%			4263 to 4270
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
Sept. 14, 1984		<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
30	Bbls	TSTM	100			37	
		MCF	Bbls	CFPB			

Disposition of gas: vented sold used on lease
 open hole perforation other (specify) _____
 Dually Completed. Commingled

PRODUCTION INTERVAL
 Conglomerate Chert
 4263 to 4270