

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 # 7076
name Black Diamond Oil, Inc.
address 1105 E. 30th, Suite A
Hays, Ks, 67601
City/State/Zip

Operator Contact Person Kenneth Vehige
Phone 913.625-5891

Contractor: license # 8241
name Emphasis Oil, Russell, Ks. 67665

Wellsite Geologist Kenneth Vehige
Phone 913.625-5891

Designate Type of Completion
 New Well Re-Entry Workover

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
5/31/84 6/06/84 6-6-84
Spud Date Date Reached TD Completion Date

3800
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 259' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

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

API NO. 15-163-22,337 -00-00

County Rooks

NE NW NW Sec 32 Twp 6 Rge 20 East West

4950 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

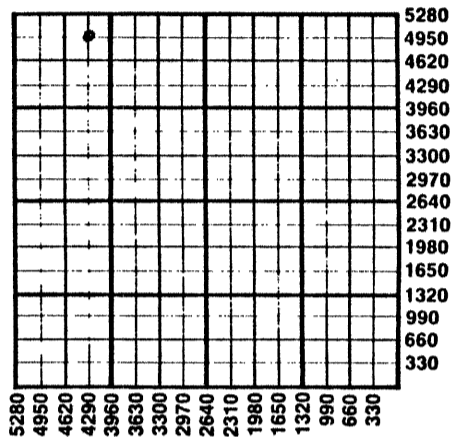
Lease Name Loeffler Well# 1

Field Name Todd SE

Producing Formation None

Elevation: Ground 2269' KB 2274'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge 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) Water Hauled
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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.

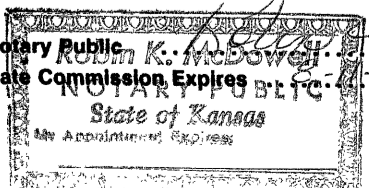
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 [Signature]
Title Sec. Treasurer Date 9-10-84

Subscribed and sworn to before me this 10th day of September, 1984

Notary Public Robin K. McDowell
Date Commission Expires 8-1-85



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)

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

RECEIVED
STATE CORPORATION COMMISSION
SEP 11 1984
CONSERVATION DIVISION
Wichita, Kansas

Sec 32 Twp 6 Rge 20

SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name Loeffler Well# 1 SEC 32 TWP. 6 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

Formation Description
 Log Sample

		Name	Top	Bottom
DST #2 (Straddle) 3525-3477'	Blow: weak bldg. to good	Anhydrite	1877'	+400
	Recovery: 90' muddy water	Bs. Anhydrite	1908'	+366
	Pressures: IF: 78-87# in 45 min.	Topeka	3262'	-988
	ISI: 1087# in 45 min.	Oread	3423'	-1149'
	FF: 87-87# in 45 min.	Heebner	3472'	-1198
	FSI: 1048# in 45 min.	Toronto	3494'	-1220
		Lansing K.C.	3507'	-1233'
		Bs. K.C.	3703'	-1729'
		Marmaton	3731'	-1457'
		Conglomerate	3748'	-1474'
DST #1 3649-3713	Blow: weak decreasing in 28 min.	Arbuckle	3784'	-1410'
	Recovery: 10' slightly oil cut mud	T.D.	3797'	-1523'
	Pressures: IF: 78-78# in 30 min.			
	ISI: 117# in 30 min.			
	FF: not taken			
	FSI: not taken			

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"	20#	259'	Common	175	3% cc., 2% gel,
Surface.....	7 7/8"	8 5/8"	20#	259'	Common	200	50/50 pz., 6% gel,
(plugging)							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

TUBING RECORD			Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at		

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio
	Bbls	MCF	Bbls	CFPB

METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL

Disposition of gas: vented sold used on lease

Dually Completed. Commingled