

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
City/State/Zip Hays, Ks. 67601

Operator Contact Person Kenneth Vehige
Phone 913 625-5891

Contractor: license # 9087
name R. & C. Drilling
P. O. Box 296, Hays, Ks. 67601

Wellsite Geologist Mark Torr
Phone 628-3131

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
5/04/84 5/10/84 8/04/84
Spud Date Date Reached TD Completion Date

3831
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 305' 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 - 163-22,347-06-00

County Rooks

C-S/2 NW-SE Sec 29 Twp 6 Rge 20
(location) East West

1650 Ft North from Southeast Corner of Section
180-4620 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

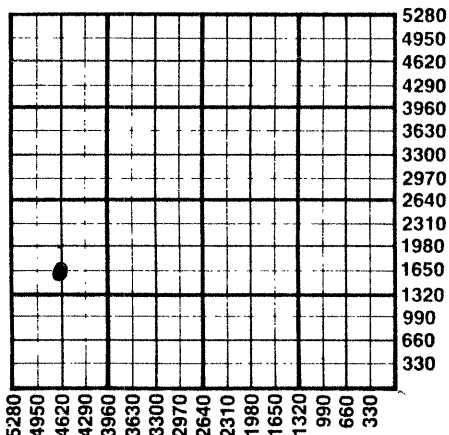
Lease Name Sammons Well# 3

Field Name Todd SE

Producing Formation Lansing-K.C.

Elevation: Ground 2272' KB 2279'

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 Section Twp Rge East West

Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Section Twp Rge East West

Other (explain) Water hauled in (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-11 form with all temporarily abandoned wells.

RECEIVED
STATE CORPORATION COMMISSION
SEP 14 1984
9-14-84
CONSERVATION DIVISION
Wichita, Kansas

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 Kenneth Vehige
Title President Date 9-13-84

Subscribed and sworn to before me this 13th day of September 1984

Notary Public Felix H. McDowell
Date Commission Expires 8-11-85

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)

Sec 29 Twp 6 Rge 20

SIDE TWO

Operator Name Black Diamond Oil, Inc Lease Name Sammons Well# 3 SEC. 29 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 (One) Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3658-3809'
 Times 60-60-60-60
 Blow: Good-1st open; fair-2nd open
 Recovery: 35' gas in pipe
 70' oil cut mud
 Pressures: SI: 806-710#
 FP: 136-136 & 146-146#

Name	Top	Bottom
Topeka Limestone	3278'	-999'
Heebner Shale	3481'	-1202'
Toronto Limestone	3503'	-1224'
Lansing-K.C.	3517'	-1238'
Base K.C.	3722'	-1443'
RTD	3831'	-1552'

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"	10.5#	305'	Common	195	2% gel., 3% c.c.
Production.....	7 7/8"	4 1/2"	10.5#	3830'	Common	150	3% gelsonite... 2% gel., 60/40 p.z.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
1 each ft.	3711', 3691', 3676'	treat w/ 1000 gls., 15% mud acid...	3711', 3691'
4 each ft.	3709-12', 3690-02', 3673-77', 3504-07'	treat w/ 3000 gls., 15% dem. w/... AOG-200	3676'..... 3708-18'.. 3690-02'.. 3673-77'...

TUBING RECORD size 2 3/8" set at 3750' packer at 3549' Liner Run Yes No

Date of First Production 8/04/84 Producing method flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
10 Bbls	None MCF	150 Bbls		CFPB	39°

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL
 3549
 3656

Dually Completed.
 Commingled