

32-6-20

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

Describe 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  
Sp. Date Date Reached TD Completion Date

3800  
Total Depth PBTD

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

Wire line log reviewed

API NO. 15 - 163-22,337

County Rooks

NE NW NW Sec 32 Twp 6 Rge 20  
(location)

4950 Ft North from Southeast Corner of Section

4290 Ft West from Southeast Corner of Section

(Note: locate well in section plat below)

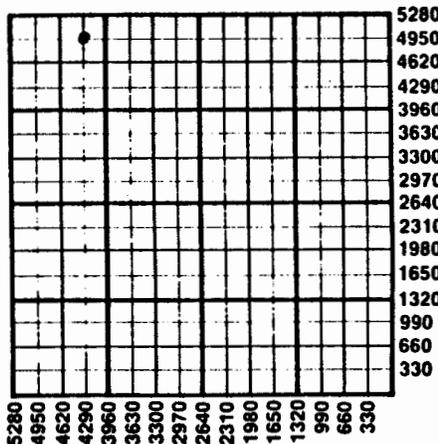
Lease Name Loeffler Well# 1

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.

A 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 temporarily abandoned wells.

SEP 11 1984

STATE CORPORATION COMMISSION

WOS-D-58

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' |
| DST #1 3649-3713             | Blow: weak decreasing in 28 min.   | Conglomerate  | 3748' | -1474' |
|                              | Recovery: 10' slightly oil cut mud | Arbuckle      | 3784' | -1410' |
|                              | Pressures: IF: 78-78# in 30 min.   | T.D.          | 3797' | -1523' |
|                              | ISI: 117# in 30 min.               |               |       |        |
|                              | FF: not taken                      |               |       |        |
|                              | FSI: not taken                     |               |       |        |

CASING RECORD  new  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 (plugging) | 7 7/8"            | 8 5/8"                    | 20#            | 259'          | Common         | 200          | 50/50 p.z., 6% gel, 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 |
|----------------|---|------------------------------------|-------|
|                |   |                                    |       |
|                |   |                                    |       |
|                |   |                                    |       |