

29-6-20W

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISIONWELL 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

## Descriptive 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  
 Spurt Date Reached TD Completion Date

3831  
 Total Depth PBDT

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

wire line log received

API NO. 15 - 163-22,347

County Rooks

C-S/2 NW-SW Sec. 29 Twp. 6 Rge. 20 ☐ East ☒ West  
 (location)

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

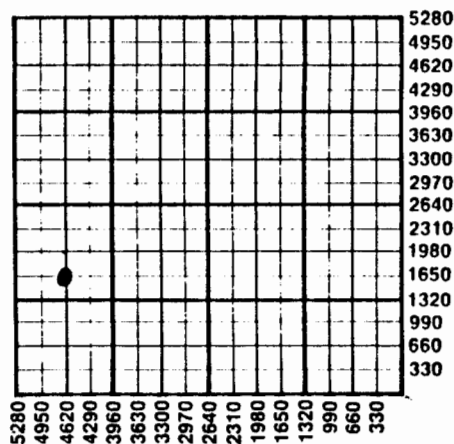
Lease Name Sammons Well# 3

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  
 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 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 this 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.

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)  
Samples Sent to Geological Survey  
Cores Taken

☒ Yes ☐ No  
☒ Yes ☐ No  
☐ Yes ☒ No

Formation Description  
☒ Log ☐ Sample

| Name              | Top   | Bottom |
|-------------------|-------|--------|
| Topeka Limestone  | 3278' | -999'  |
| Heebner Shale     | 3481' | -1202' |
| Toronto Limestone | 3503' | -127'' |
| Lansing-K.C.      | 3517' | -12    |
| Base K.C.         | 3722' | -1443' |
| RTD               | 3831' | -1552' |

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#

| <b>TUBING RECORD</b> size 2 3/8" set at 3750' packer at 3549' Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                                                                                                                                                                                      |          |               |         |               |         |         |          |          |      |     |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|---------|---------------|---------|---------|----------|----------|------|-----|
| Date of First Production<br>8/04/84                                                                                                         | Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)                                                                             |          |               |         |               |         |         |          |          |      |     |
| Estimated Production Per 24 Hours                                                                                                           | <table border="1"> <thead> <tr> <th>Oil</th> <th>Gas</th> <th>Water</th> <th>Gas-Oil Ratio</th> <th>Gravity</th> </tr> </thead> <tbody> <tr> <td>10 Bbls</td> <td>None MCF</td> <td>150 Bbls</td> <td>CFPB</td> <td>39°</td> </tr> </tbody> </table> | Oil      | Gas           | Water   | Gas-Oil Ratio | Gravity | 10 Bbls | None MCF | 150 Bbls | CFPB | 39° |
| 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)

☐ Dually Completed.  
☐ Commingled

## PRODUCTION INTERVAL

3549  
3656

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

## 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',<br>3504-07'   | treat w/ 3000 gls, 15% dem, w/...<br>AOG-200 | 3676'<br>3708-18'<br>3690-02'<br>3673-77' |