

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; Hays, KS. 67601  
City/State/Zip .....

Purchaser.....Farmland Ind.  
.....Kansas City, Mo.

Operator Contact Person Kenneth Vehige  
Phone ..... 913-6255891 .....

Contractor: License # ..... 9087 .....  
Name R. & C. Drilling Co. Inc.

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 OMWO: old well Info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

## WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

10-21-85 ..... 10-29-85 ..... 1/03/86 .....  
Spud Date Date Reached TD Completion Date

3740 ..... 3720'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 207 feet  
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No  
If yes, show depth set.....1844'.....feet  
If alternate 2 completion, cement circulated  
from.....1844' feet depth to surface w/.....1237' SX cmt  
Cement Company Name ..Allied Cementing Co., Inc....  
Invoice # .45479, 45480, 45481, 45501.....

API NO. 15-163-22,791.....32-6-20W

County...Rooks.....

SE.. NW.. SE. Sec. 32.. Twp 6....Rge. 20... East  
West

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

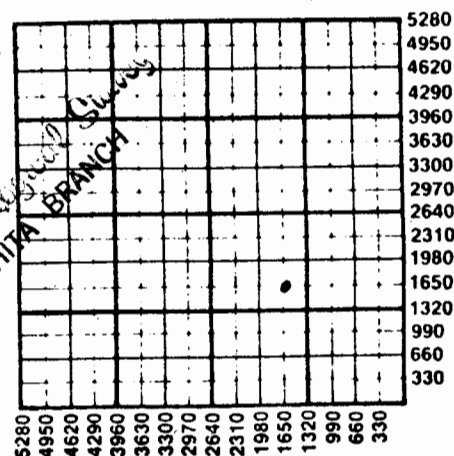
Lease Name...Mojjhaen.....Well #.6.....

Field Name...Todd SE.....

Producing Formation...Lansing Kansas City.....

Elevation: Ground...2215.....KB...2220.....

Section Plat



## WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # ..... Repressuring

## Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Keller Tank Service

Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain).....  
(purchased from city, R.W.D. #)

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. Rule 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

SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name Mollhagen Well # 6

Sec. 32 Twp. 6 Rge. 20 ☐ East ☒ West County Books

|                                   | Oil     | Gas   | Water  | Gas-Oil Ratio | Gravity |
|-----------------------------------|---------|-------|--------|---------------|---------|
| Estimated Production Per 24 Hours | 30 Bbls | 0 MCF | 0 Bbls | 0 CFPB        | 370     |

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☒ Vented ☐ Sold

☐ Open Hole

☒ Perforation

Drill Stem Tests Taken

☒ Yes

☐ No

Samples Sent to Geological Survey

☐ Yes

☒ No

Cores Taken

☐ Yes

☒ No

Formation Description

☒ Log

☐ Sample

Name

Top

Bottom SUBSEA

|               |        |       |
|---------------|--------|-------|
| Anhydrite     | 1810'  | +410  |
| Bs. Anhydrite | 1841'  | +379  |
| Topeka        | 3204'  | -984  |
| Oread         | 3361'  | -1141 |
| Heebner       | -3409' | -1189 |
| Toronto       | 3432'  | -1212 |
| Lansing-K.C.  | 3446'  | -1226 |
| Bs. K.C.      | 3637'  | -1417 |
| Marmaton      | 3664'  | -1444 |
| Arbuckle      | 3684'  | -1464 |
| T.D.          | 3634'  | -1514 |

DST #1 3470-3512'

45-45-45-45

Blow: weak both opens

Recovered: 30' gas in pipe, 20' oil cut mud,  
10' clean oil

Pressures: IF: 33-22#, ISI: 799#, FF: 44-34#,  
FSI: 701#

DST #2 3554-3635'

30-30-45-30

Blow: very weak blow, died in 28 min.

Recovered: 30' gas in pipe, 10' clean oil,  
20' oil cut mud

Pressures: IF: 66-55#, ISI: 341#, FF: 66-55#,  
FSI: 297#

DST #3 3638-3701' corrected to 3635-3698

20-30-none-none

Blow: very weak blow, died in 8 min.

Recovered: 5' drilling mud

Pressures: ISI: 66-55#, ISI: 286#,  
FF: none, FSI: none

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 1/2            | 8 5/8                     | 24             | 207           | Common         | 185         |                            |
| Production        | 7 7/8             | 4 1/2                     | 10 1/2         | 3739          | 60/40          | 200         | 10% Salt                   |

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

| Shots Per Foot | Specify Footage of Each Interval Perforated          | (Amount and Kind of Material Used) | Depth      |
|----------------|------------------------------------------------------|------------------------------------|------------|
| 3              | 1150                                                 | 500 gls. Intensified non-swelling  | 3698-3703  |
| 2              | 1700                                                 | 300 gls. 15% mud acid, retreat w/  | 3503-95    |
| 4              | 3698-3703, 3503-05                                   | 1500 gls. 15% deml. acid           | " "        |
| 1              | 3627-3607, 3596-8, 3572-3450, 3434                   | 1500 gls. 15% mud acid, retreat w/ | 3627, 3607 |
| 4              | 3626-29, 3606-08, 3595-97, 3571-73, 3449-51, 3433-35 | 4000 gls. 15% deml. acid           |            |
|                |                                                      | 500 gls. 15% mud acid, retreat w/  | 3450, 3434 |
|                |                                                      | 2000 gls. 15% deml. acid           |            |

3596 &  
3572

| TUBING RECORD | Size  | Set At | Packer at |
|---------------|-------|--------|-----------|
|               | 2 3/8 | 3,712' | 3720'     |

treat w/ 500 gls. 15% mud acid 3450 & 3434

Date of First Production 1/03/86 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....