

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 # 5671
name Revlin Drlg., 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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
5/12/84... 5/17/84... 8/10/84...
Spud Date Date Reached TD Completion Date
3758
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 1877' feet

If alternate 2 completion, cement circulated
from 1877' feet depth to Surface w/ 800' SX cmt

API NO. 15 - 163-22,369 -00-00

County Rooks

SW SW NW Sec 29 Twp 6 Rge 20 East West

2970 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

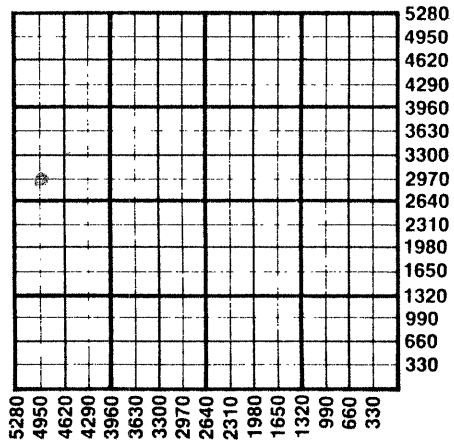
Lease Name Sammons A Well# 1

Field Name Todd

Producing Formation Lansing-K.C.

Elevation: Ground 2245' KB 2250'

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 # 9-14-84

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.

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 Levia K. 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)

See 89.16. Rec 2012

SIDE TWO

Operator Name Black Diamond Oil Lease Name Sammons Well# A #1 SEC 29 TWP. 6 RGE. 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

DST #1 3608-3665'
 Blow: strong blow both opens
 Recovery: 395' gas in pipe,
 325' oil
 Pressures: IF: 107-126# in 30 min.
 ISI: 884# in 30 min.
 FF: 146-166# in 30 min.
 FSI: 1777# in 30 min.

| Name | Top | Bottom |
|---------------|-------|--------|
| Anhydrite | 1853' | +397 |
| Bs. Anhydrite | 1883' | +367 |
| Topeka | 3230' | -980 |
| Oread | 3389' | -1139 |
| Heebner | 3437' | -1187 |
| Toronto | 3460' | -1210 |
| Lansing-K.C. | 3473' | -1223 |
| Base K.C. | 3668' | -1418 |
| Marmaton | 3691' | -1441 |
| Arbuckle | 3724' | -1474 |
| TD | 3757' | -1507 |

| 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" | 24# | 259' | Com. QS | 170 | |
| Production | 7 7/8" | 4 1/2" | 10.5# | 3728' | 60/40 pz. | 175 | 5% gil. 2% gel. |
| 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 | 3656, 3636, 3624, 3532, 3515 (Limited) | | | 750 gls. 15% mud acid | | 3515 & 3532 | |
| 2 | 625 (for squeeze) | | | 750 gls. 15% mud acid; retreat w/ 3000 gls. | | 3624, 3636 & | |
| 4 | 3460-63, 3655-56, 3635-37 | | | AOG-200 | | 3656 | |
| 4 | 3621 1/2 - 25 1/2 | | | w/ 250 gls. 15% mud acid | | 3460-63 | |
| | | | | squeeze w/ 350 sks. | | 0-246' | |
| | | | | squeeze | | 3515-3532 | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | | Producing method | | | | | |
| 8/10/84 | | <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | 15 | None | 10 | | 39.1° | | |
| | Bbls | MCF | Bbls | CFPB | | | |

Disposition of gas: vented open hole perforation other (specify)
 sold used on lease Dually Completed. Commingled

PRODUCTION INTERVAL
 3622
 3656