KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 7076
Name: BLACK DIAMOND OIL, INC.
Address: P.O. Box 641
City/State/Zip: Hays, KS 67601
Purchaser:
Operator Contact Person: Kenneth Vehige
Phone: (785) 625-5891
Contractor: Name: Discovery Drilling Co., Inc.
License: 31548
Wellsite Geologist: Kenneth Vehige

Designate Type of Completion:
X New Well ___ Re-Entry ___ Workover
___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
___ Gas ___ ENHR ___ SIGW
X Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: ___ Original Total Depth:
___ Deepening ___ Re-perf. ___ Conv. to Enhr./SWD
___ Plug Back ___ Plug Back Total Depth
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Enhr.?) Docket No.

10/11/04	10/17/04	10/18/04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 109-20,733-00-00
County: Logan
80' N & 30' W of
SW-NE-NE Sec. 4 Twp. 11 S. R. 33W ☐ East ☒ West
910 feet from ● / (N) (circle one) Line of Section
1020 feet from (E) ● (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Nollette Well #: 1
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 3142 Kelly Bushing: 3150
Total Depth: 4750 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 320.06 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set ___ Feet
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 11,000 ppm Fluid volume 320 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature:
Title: Owner Date: 2-1-05
Subscribed and sworn to before me this 1st day of February, 19 2005
Notary Public: Vesda M. Brin
Date Commission Expires: 7-18-07

VESDA M. BRIN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-18-07

KCC Office Use ONLY
___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

RECEIVED
FEB 07 2005
KCC WICHITA

92073 X

Side Two

Operator Name: BLACK DIAMOND OIL, INC. Lease Name: Nollette Well #: 1

Sec. 4 Twp. 11 S. R. 33W ☐ East ☒ West County: Logan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☒ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
(Submit Copy)

List All E. Logs Run:

Sonic Log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	2640	+510
Heebner	4061	-911
Lansing KC	4107	-957
Johnson	4652	-1502
Mississippi	4726	-1576

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 pipe	12¼	8 5/8	19	320.06	Common	150	2%Gel&3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD Size Set At Packer At

Liner Run ☐ Yes ☐ No

Date of First, Resumerd Production, SWD or Enhr.

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ___
☐ Other *(Specify)* ___

Production Interval

15-109-20733-0000

Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: **Black Diamond Oil, Inc.**
PO Box 641
Hays, KS 67601

Contractor: **Discovery Drilling Co., Inc.**
PO Box 763
Hays, KS 67601

Lease: Nollette #1

Location: 80' N & 30' W of SW / NE / NE
Sec. 4 / 11S / 33W
Logan Co., KS

Loggers Total Depth: 4752'
Rotary Total Depth: 4750'
Commenced: 10/11/2004
Casing: 8 5/8" @ 320.06' w/ 190 sks

Elevation: 3142' GL / 3150' KB
Completed: 10/18/2004
Status: D & A

DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shale	2686'
Dakota Sand	1530'	Shale & Lime	3058'
Shale	1714'	Shale	3435'
Cedar Hill Sand	1999'	Shale & Lime	3869'
Red Bed Shale	2288'	Lime & Shale	4155'
Anhydrite	2642'	RTD	4750'
Base Anhydrite	2686'		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm

Subscribed and sworn to before me on 10-20-04

My Commission expires: 8-9-07

(Place stamp or seal below)

Glenna S. Alm
Notary Public

NOTARY PUBLIC - State of Kansas
GLENNA S. ALM
My Appt. Exp. 8-9-07

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 10 2007
CONSERVATION DIVISION
WICHITA, KS