

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

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: Ken Vehige

Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ 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. _____

9/2/03 9/6/03 9/7/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 137-20,419-00-00
County: Norton
120' N 40' W of
SE NE NE Sec. 28 Twp. 4 S. R. 22W ☐ East ☒ West
870 feet from (N) (circle one) Line of Section
370 feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW
Lease Name: Sansom Well #: 4

Field Name: Hansen Estate NW
Producing Formation: Arbuckle
Elevation: Ground: 2246 Kelly Bushing: 2254
Total Depth: 3714 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at _____ Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1880' Feet
If Alternate II completion, cement circulated from See attached
feet depth to _____ w/ letter sx cmf.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 1,000 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: [Signature]
Title: President Date: 12-31-03
Subscribed and sworn to before me this 31st day of December
2003
Notary Public: [Signature]
Date Commission Expires: 7-18-2007

KCC Office Use ONLY

☐ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

Operator Name: BLACK DIAMOND OIL, INC. Lease Name: Sansom Well #: 4
 Sec. 28 Twp. 4 S. R. 22W ☐ East ☒ West County: Norton

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:

Dual Induction, Cement Bond (Surface)
 Sonic & Micro

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

Name	Top	Datum
Anhydrite	1902	+360
Topeka	3212	-950
Heebner	3412	-1150
Lansing KC	3456	-1194
Arbuckle	3712	-1450

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JAN 02 2004

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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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	20	220.86	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3713	Common	175	
Port Collar @ 1880'							

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
1-5	3600, 3622, 3633	1500 gals, 15% Acid	

TUBING RECORD		Size 2-3/8	Set At 3700	Packer At	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SWD or Enthr. 9/24/03			Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 15	Gas Mcf 0	Water Bbls. 2	Gas-Oil Ratio	Gravity

Disposition of Gas ☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
 (If vented, Submit ACO-18.) ☐ Other (Specify) _____