

COPY

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 7076

Name: Black Diamond Oil, Inc.

Address 3004 Broadway Ave.

City/State/Zip Hays, KS 67601

Purchaser: Farmland Industries, Inc.

Operator Contact Person: Kenneth Vehige

Phone (913) -625-5891

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Kenneth Vehige

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

/24/90 10/1/90 11/15/90

Spud Date Date Reached TD Completion Date

API NO. 15- 063-21,344

County Gove

NW SW SE Sec. 27 Twp. 15S Rge. 26 ☒ East ☒ West

990 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

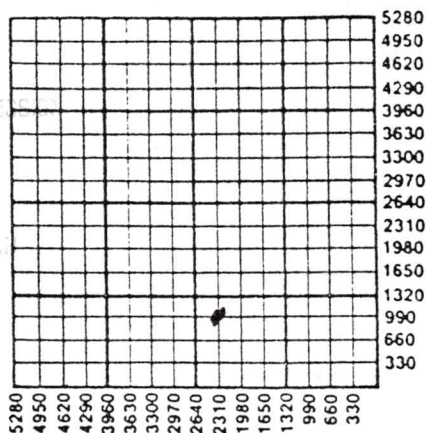
Lease Name Babcock Well # 1

Field Name _____

Producing Formation Mississippi

Elevation: Ground 2516' KB 2521'

Total Depth 4442' PBDT _____



Amount of Surface Pipe Set and Cemented at 252.43 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 1932 Feet

If Alternate II completion, cement circulated from 1932

feet depth to 0 w/ 254 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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

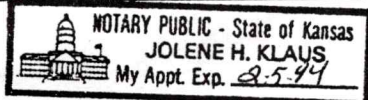
Title Owner/Operator Date 1/11/91

Subscribed and sworn to before me this 15th day of Jan

91.

Notary Public Jolene H. Klaus

Date Commission Expires 2/5/94



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) D.S.

SIDE TWO

Operator Name Black Diamond Oil, Inc.Lease Name BabcockWell # 1Sec. 27 Twp. 15S Rge. 26☐ EastCounty Gove☒ West

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

(Attach Additional Sheets.) tickets attached

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ No

Electric Log Run

☒ Yes ☐ No

(Submit Copy.)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	1946	1980
Heebner	3775	
Lansing-KC	3814	4112
Ft. Scott	4323	
Mississippi	4413	
T.D.	4443	

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"	N/A	254	60/40 Poz	160	2%Gel, 3%CC
Production	7 3/8"	4 1/2"	N/A	4442	ASC	200	N/A

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

2	4427-4435	2000 gal. MOD 303	4413
4	4352-4354	1000 gal. 15% NE	4354-38
4	4343-4345	1000 gal. 15% MCA	4036-3978
4	4338-4340		
4	4034-4036	Non-commercial	
1	4003		
1	3978		

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☒ No

Date of First Production

1-5-91

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours

Oil Bbls.
6

Gas

Mcf

Water

Bbls.

Gas-Oil Ratio

Gravity

18

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Production Interval

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____