

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
City/State/Zip Hays, Ks. 67601

Purchaser: Farmland Industries
Wichita, Ks. 67202

Operator Contact Person Kenneth Vehige
Phone 913-625-5891

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)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

12/20/85 Spud Date 12/27/85 Date Reached TD 1/17/86 Completion Date

3273' Total Depth N/A PBDT

Amount of Surface Pipe Set and Cemented at 1162 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/. SX cmt
Cement Company Name
Invoice #

API No. 15-163-22,851 -00-00

County Rooks

NE NW SE Sec 25 Twp 7 Rge 18 East
X West

2310 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

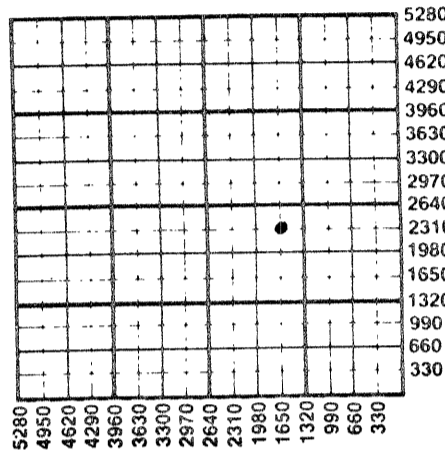
Lease Name K.U. Well # 1

Field Name Riffe

Producing Formation Arbuckle

Elevation: Ground 1799' KB 1804'

Section Plat



3-6-86

STATE CORPORATION COMMISSION
MAR 6 1986
CONSERVATION DIVISION
Wichita, Kansas

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 been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature] Title President Date 3/1/86

Subscribed and sworn to before me this 1st day of March 1986
Notary Public [Signature] Date Commission Expires 5/24/87



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)

Sec 25 Twp 7 Rge 18 W

SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name K.U. Well # 1

Sec. 25 Twp. 7 Rge. 18 East West County Rooks

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

Drill Stem Test #1
 Depth: 3267' - 3270'
 Time: 30-45-30-45
 Blow: Fair and Building
 Recovery: 120' of gas; 300' oil cut mud and frothy oil
 Pressures: I.F.: 82-119#, ISI: 1036-1035#,
 F.F.L 155-161#, F.S.I.: 1027-1016#

Name	Top	Bottom
Anhydrite	1160'	+644'
Base Anhydrite	1200'	+604'
Topeka	2719'	-915'
Oread	2876'	-1072'
Heebner	2929'	-1125'
Toronto	2951'	-1147'
Lansing K.C.	2971'	-1167'
Base K.C.	3192'	-1388'
Marmaton	3226'	-1422'
Conglomerate		None
Arbuckle	3256'	-1452
T.D.	3272'	-1468

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
Conductor String	17 1/2	13 3/8	52	90	Common	120	Quick Set
Surface	12 1/2	8 5/8	24	1162	60/40 poz	425	3% cc gel
Production	7 7/8	5 1/2	15 1/2	3268	60/40 poz	160	gilsonite 5% 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
		1,250 gals. 15% non-swelling	open hole
		250 gals. 15% INS. & Service Sol.	open hole

TUBING RECORD Size 2 7/8' Set At 3,291' Packer at None Liner Run Yes No

Date of First Production 11/7/86 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	50	0		0	27.5

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Other (Specify)
 Perforation
 Dually Completed Commingled

