

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

Purchaser: NONE

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 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  
9-8-85 9-13-85 9-14-85  
Spud Date Date Reached TD Completion Date  
3702'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 209 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

API NO. 15-163-22-757-0000  
County Rooks  
NW NW NW Sec. 33 Twp. 6 Rge. 20  East  West

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

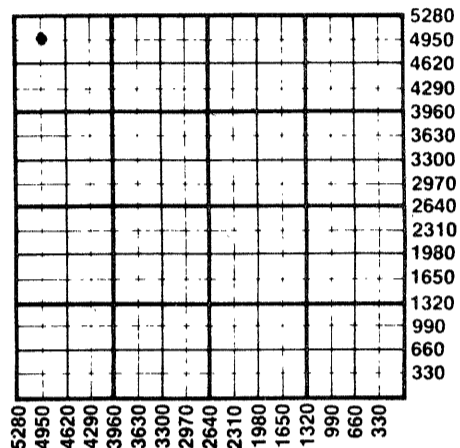
Lease Name McMahan "B" Well # 1

Field Name Todd SE

Producing Formation NONE

Elevation: Ground 2216 KB 2211'

Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
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 John Weiss  
Title Tool Pusher Date 9-18-85

Subscribed and sworn to before me this 18th day of Sept. 1985  
Notary Public Karen Randa  
Date Commission Expires 5-14-88



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 33 Twp 6 Rge 20W

SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name McMahan "B" Well # 1

Sec. 33 Twp. 6 Rge. 20  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

**DST #1 3567-3650**

Blow: 1st: very weak 2nd: no blow  
 Recovery: 25' drilling mud w/free oil on top of tool  
 Pressures: IF: 66# in 45 min., FSI: 994# in 45 min.  
 FF: 77# in 10 min., FSI: 77# in 10 min.

**DST #2 3647-3702**

Blow: 1st: very weak  
 Recovery: 5' oil spotted mud w/free oil on top of tool  
 Pressures: IF: 77# in 30 min., FSI: 66# in 30 min.  
 FF: none FSI: none

**DST #3 3476-3503 (Straddle Test)**

Blow: weak blow increasing to strong, 2nd: strong blow  
 Recovery: 150' drilling mud w/a few spots of dead oil  
 Pressures: IF: 44# in 30 min., ISI: 994# in 30 min.  
 FF: 66# in 30 min., FSI: 66# in 30 min.

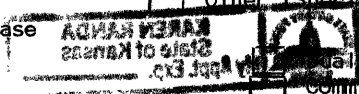
Name	Top	SUB-SEA DATUM
Anhydrite	1810'	+411
Bs. Anhydrite	1839'	+382
Topeka	3214'	-993
Oread	3370'	-1149
Heebner	3420'	-1199
Toronto	3444'	-1223
Lansing-K.C.	3457'	-1236
Bs. K.C.	3655'	-1434
Marmaton Lm.	3674'	-1453
Conglomerate	none	---
Arbuckle	3694'	-1473
T.D.	3702'	-1481

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 1/2	8 5/8	24	207	Common	260	Quick Set
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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



Completed  
 Commingled