

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  
Hays, Ks. 67601

Purchaser Koch Oil Co.  
Wichita, Ks. 67201

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

12/19/84 12/28/84 01/23/85  
Spud Date Date Reached TD Completion Date

3700' N/A  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 261 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1704 feet  
If alternate 2 completion, cement circulated from 1704 feet depth to Surf w/ 330 SX cmt 50/50 poz, 6% gel

API NO. 15-163-22-551-00-00  
County Rooks  
NE SE SE Sec. 4 Twp. 7 Rge. 20  East  West

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

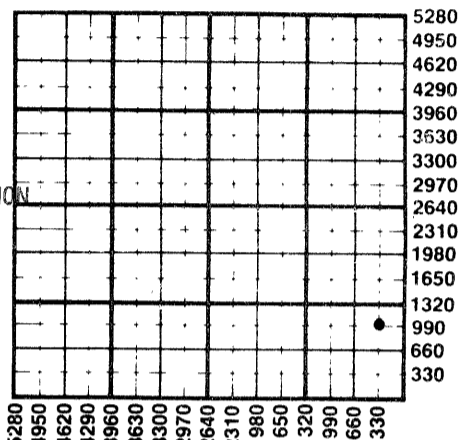
Lease Name Wiens Well # 3

Field Name Probasco

Producing Formation Lansing-K.C.

Elevation: Ground 2110' KB 2115'

Section Plat



RECEIVED  
APR 11 1985  
04-11-1985  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas

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 # POND

Groundwater 330 Ft North from Southeast Corner (Well) 440 Ft West from Southeast Corner Sec Twp Rge  East  West

Surface Water 330 Ft North from Southeast Corner (Stream, pond etc) 440 Ft West from Southeast Corner Sec Twp Rge  East  West

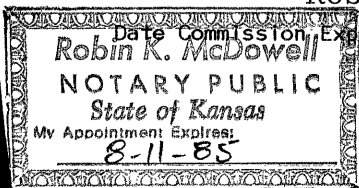
Other (explain) (purchased from city, R.W.D. #)

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 4-3-85

Subscribed and sworn to before me this 3rd day of April 1985  
Notary Public Robin K. McDowell



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 4 Twp 7 Rge 20 W

SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name Wiens Well # 3

Sec. 4 Twp. 7 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  
 3485-3534

Blow: 1st: strong blow; 2nd: fair blow

Recovery: 390' mud w/trace of oil  
 60' oil cut mud-1/2% oil  
 60' oil cut mud-1% oil, 25 water, 97% mud  
 60' oil cut mud-2% oil, 14% water, 55% mud  
 29% gas  
 60' oil cut mud-2% oil, 16% water, 4% gas  
 78% mud  
 120' oil cut mud-4% oil, 3% gas,  
 58% water, 35% mud

Name	Top	Subsea
Anhydrite	1690'	+425
Bs. Anhydrite	1722'	+393
Topeka	3098'	-983
Oread	3254'	-1139
Heebner	3306'	-1191
Toronto	3328'	-1213'
Lansing-K.C.	3343'	-1228
Bs. K.C.	3545'	-1430
Marmaton	3570'	-1455
Conglomerate	3591'	-1476
Arbuckle	3614'	-1499
T.D.	3696'	-1581

Pressures: IF: 273-322# in 45 min.  
 ISI: 1029# in 45 min.  
 FF: 371-400# in 90 min.  
 FSI: 777# in 45 min.

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 1/4"	8 5/8"	20#	261'	Q.S.	165	60/40 poz, Quick Set
Production	7 7/8"	4 1/2"	10.5#	3685'	Common	80	60/40 poz, 10% salt, 5% gel, 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	
4	3509-13			500 gls. 15% mud acid, retreat with 2000 gls. 15% dem. with 2% servi-sol, retreat with 2000 gls. 15% dem. with 5% servi-sol and 3000 gls. 15% dem. acid		3509-13	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 3/8"	3628'				
Date of First Production		Producing Method					
01/23/85		<input type="checkbox"/> Flowing <input checked="" 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	
20 Bbls			MCF	2 Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3509  
 Used on Lease  Dually Completed 3513  
 Commingled