

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
City/State/Zip

Purchaser Farmland Ind.
P.O. Box 7305 Kansas City, Mo.
64116

Operator Contact Person Kenneth Vehige
Phone 913.625-5891

Contractor: License # 9087
Name R. & C. Drilling
Hays, Ks. 67601

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 OWO: old well info as follows:

Operator
Well Name
Com Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

8/30/84 9/05/84 10/24/84
Spud Date Date Reached TD Completion Date
3729'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 256 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1886 feet
If alternate 2 completion, cement circulated
from 1886 feet depth to Surf 550 SX cmt

API NO. 15-163-22-449

County Rooks

SW NW NW Sec. 29 Twp. 6 Rge. 20 East West

4290 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

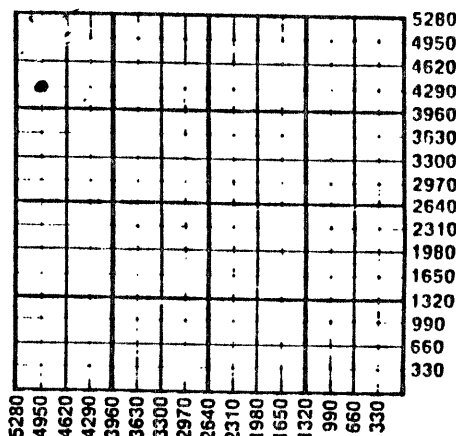
Lease Name Wyrill Well # 1

Field Name Todd S.W.

Producing Formation Arbuckle

Elevation: Ground 2258' KB 2263'

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 # Pond

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

Surface Water 4950 Ft North from Southeast Corner (Pond etc) 1650 Ft West from Southeast Corner Sec 4 Twp 7 Rge 20 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 Kenneth Vehige
Title Pres Date 1-21-85

Subscribed and sworn to before me this 21st day of January 1985
Notary Public John S. McDowell

Date Commission Expires 8-11-85

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

NOTARY PUBLIC
8-11-85

Form ACO-1 (7-84)
11-14-85 NOV 1985

Operator Name **Black Diamond Oil, Inc.** Lease Name **Wyrill** Well # **1**

Sec. **29** 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

Name	Top	Bottom (Su)
Anhydrite	1864'	+399
Bs. Anhydrite	1896'	+367
Topeka	3244'	-981
Oread	3404'	-1141
Heebner	3451'	-1188
Toronto	3476'	-1213
Lansing-K.C.	3488'	-1225
Bs. K.C.	3682'	-1419
Marmaton Lmst.	3704'	-1441
Conglomerate	3719'	-1456
Arbuckle	3721'	-1458
T.D.	3729'	-1466

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#	256'	Common	170	Quick Set
Production	7 7/8"	4 1/2"	10.5#	3725'	Commons	250	3% gel, 10% salt
Production		4 1/2"	10.5#	1886'	Common	550	60/40 pz. 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	3567-69						
4	3137-40						
1	3546 & 3478			ATTACHED			
1	3638-3650						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At	Packer at				
2 3/8"		3727	3677				
Date of First Production		Producing Method					
10/24/84		<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 27°	
60 Bbls		0% MCF	20 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

3726
 3742

OPERATOR Black Diamond Oil, Inc. LEASE NAME Wyrill SEC. 29 TWP. 6 RGE. 20

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth Interval treated
Squeeze w/ 200 sks. cement	3567-69, 3546 & 3478
250 gls. 15% Mud Acid, retreat w/ 1000 gls. AOG-200; 15% deml.	3138-41.
750 gls. 15% mud acid	3546-3478
750 gls. 15% mud acid	3638-3650
300 gls. 15% INS acid, 400 gls. 15% INS	Open Hole
2-stage w/ 200 sks. common, 350 sks. 50/50 poz.	1866-1200
2-stage w/ 100 sks. common, 225 sks. 50/50 poz.	1200-Surf.
2-stage 145 sks. common, 450 sks. 50/50 poz.	1200-surf.

RECEIVED
STATE CORPORATION COMMISSION

NOV 14 1968