

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. 20th, Suite A
Hays, Ks. 67601
City/State/Zip

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 OWWO: old well info as follows:

Operator Zenith Drlg. Corp.
Well Name #1 Cooper
Comp. Date 11/09/73 Old Total Depth 3513

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

3/16/84 3/18/84 6/19/84
Spud Date Date Reached TD Completion Date

3574' 3517'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 201 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. 15-163,20,507-~~X~~ 00-01

County Rooks

SE SE SE Sec 14 Twp 7 Rge 20 East West

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

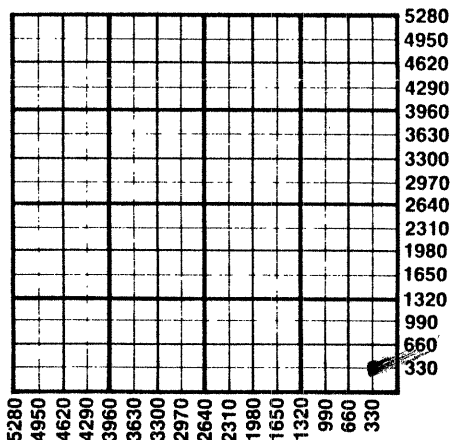
Lease Name Cooper OWWO Well# 1

Field Name Abandoned Alcona

Producing Formation Lansing-K.C. & Arbuckle

Elevation: Ground 2037' KB 2042'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

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

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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.

RECEIVED
SEP 14 1984
SEP 14 1984
KANSAS CORPORATION COMMISSION
Wichita, Kansas

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 President Date 9-13-84

Subscribed and sworn to before me this 13th day of September 1984

Notary Public *John K. McDaniel*
Date Commission Expires 8-11-85

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. 14 Twp 7 Rge 20

SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name Cooper OWWO Well# 1 SEC 14 TWP. 7S RGE. 20 East West

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
 3455-3534'
 Blow: Fair to slow bldg. to good
 weak slow bldg.
 Recovery: 135' oil cut mud
 Pressures: IF: 107-117# in 75 min.
 ISI: 951# in 75 min.
 FF: 126-136# in 75 min.
 FSI: 932# in 75 min.

Name	Top	Bottom
Anhydrite	1853'	
Bs. Anhydrite	1601'	
Topeka	3010'	
Heenber	3212'	
Toronto	3239'	
Lansing-K.C.	3254'	
Bs. K.C.	3463'	
Arbuckle	3498'	

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
Production	7 7/8"	4 1/2"	10.5	3604'	Common	150	60/40 pz.
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	3530-32, 3405-09			150 gals. 15% INS. acid; squeezed w/ .75 sks...			3530-32
2	3500-3508			250 gals. 15% MCA; retreat w/ .750 gals. 15%			3500-3508
1	3240 & 3255			INS. acid; retreat w/ 1500 gals. MOD 303			
				350 gals. 15% MCA; retreat w/ 1000 gals. AOG			3405-09
				1000 gals. 15% MCA			3255'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
size 2 3/8" set at 3513'		packer at None					
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
6/19/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	6 Bbls	None MCF	1 Bbls	CFPB	34.6°		

METHOD OF COMPLETION open hole perforation other (specify) _____

Disposition of gas: vented sold used on lease

Dually Completed. Commingled

PRODUCTION INTERVAL
 3240
 3508