

SIDE ONE

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C _____ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 7076 EXPIRATION DATE June 1985
 OPERATOR Black Diamond Oil, Inc. API NO. 15-163-22,367-00-00
 ADDRESS 1105 E. 30th, Suite A COUNTY Rooks
Hays, Ks. 67601 FIELD Todd SE
 ** CONTACT PERSON Kenneth Vehige PROD. FORMATION Lansing-K.C.
 PHONE 913 625-5891

PURCHASER Farmland Industries LEASE Mollhagen
 ADDRESS P. O. Box 7305 WELL NO. #4
Kansas City, Mo. 64116 WELL LOCATION C-S/2-SE-SE

DRILLING Emphasis Oil Operations 330 Ft. from South Line and
 CONTRACTOR ADDRESS P. O. Box 506 660 Ft. from East Line of
Russell, Ks. 67665 the SE/4 (Qtr.) SEC 32 TWP 6 RGE 20 (W)

PLUGGING _____
 CONTRACTOR ADDRESS _____

WELL PLAT (Office Use Only)

		32	

KCC
 KGS
 SWD/REP _____
 PLG. _____
 NGPA _____

TOTAL DEPTH 3740' PBTD 3650
 SPUD DATE 5/09/84 DATE COMPLETED 5/15/84
 ELEV: GR 2211' DF 2213' KB 2216'
 DRILLED WITH (CABLE) ROTARY (AIR) TOOLS.
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 259' DV Tool Used? _____

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

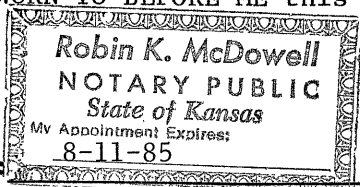
A F F I D A V I T

Kenneth Vehige, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Kenneth Vehige
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 28th day of June, 19 84.



Robin K. McDowell
(NOTARY PUBLIC)
Robin K. McDowell

MY COMMISSION EXPIRES: _____

** The person who can be reached by phone regarding any questions concerning this information.

Rec'd 7-2-84

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Black Diamond Oil, Inc.

LEASE Mollhagen

SEC. 32 TWP. 6 RGE. 20

(X) (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 4

FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME	DEPTH
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. RC-KC <input type="checkbox"/> Check if samples sent to Geological Survey					
Anhydrite		1802'			
Bs. Anhydrite		--			
Topeka		3189'			
Oread		3351'			
Heebner		3400'			
Toronto		3422'			
Lansing-K.C.		3436'			
Bs. K.C.		3630'			
Marmaton		3635'			
Weathered Arbuckle		3677'			
Arbuckle		3714'			
T.D.		3740'			

If additional space is needed use Page 2,

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

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	20#	263'	Common	170	3% c.c.; 2% gel.
Production	7 7/8"	4 1/2"	10.5	3740'	Common	175	60/40 pz.; 10% salt 5% gel., 2% gel.,

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	JET	3586, 3596, 3617, 3423, 3438,
TUBING RECORD			4	JET	3670-72, 3615-18, 3594-98, 3584-89,
Size	Setting depth	Packer set at			3436-40, 3421-24
2"	3647'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
treat W/ 1000 gls. 15% mud acid	3617, 3596 & 3586'
treat w/ 250 gs. 15% mud acid retreat w/ 1000 gs. 15% MA	3670-72
Date of first production 6/22/84	Producing method (flowing, pumping, gas lift, etc.) Pumping
Gravity 38°	
Estimated Production -I.P.	Oil 48 bbls. Gas MCF 4 % Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Perforations