

10-7-19W P1

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

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.

State Geological Survey
WICHITA BRANCH

LICENSE # 7076 EXPIRATION DATE June 30, 1984

OPERATOR Black Diamond Oil, Inc. API NO. 15-163,22-144

ADDRESS 1105 E. 30th, Suite 'A' COUNTY Rooks

Hays, Ks. 67601 FIELD _____

** CONTACT PERSON Kenneth Vehige PROD. FORMATION _____

PHONE (913) 625-5891

PURCHASER Farmland Industries, Inc. LEASE Jackson

ADDRESS P. O. Box 7305 WELL NO. 2

Kansas City, Mo. 64116 WELL LOCATION SW SW SE

DRILLING Pioneer Drilling, Inc. 330 Ft. from South Line and

CONTRACTOR 308 W. Mill 2310 Ft. from East Line of

ADDRESS Plainville, Ks. 67663 the SE (Qtr.) SEC 10 TWP 7 RGE 19 (W).

PLUGGING _____

CONTRACTOR _____

ADDRESS _____

WELL PLAT

(Office Use Only)

KCC _____
KGS

SWD/REP _____
PLG. _____

NGPA _____

TOTAL DEPTH 3500 PBD _____

SPUD DATE 9/15/83 DATE COMPLETED 9/19/83

ELEV: GR 1975 DF 1978 KB 1980

DRILLED WITH ROTARY TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 258' DV Tool Used? NO

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth Interval treated
w/ 300 gls 15% mud acid		3467
w/ 750 gls. 15% mud acid		3178 & 3164
1200 gls. 15% mud acid; retreat 8000 gls 15% AOG-200		3372, 3350, 3351 & 3329
250 gls. mud acid		3261
1000 gls. 15% mud; retreat w/ 4500 gls 15% dem. acid		3235, 3261, 3274
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
<u>October 20, 1983</u>	<u>pumping</u>	
Estimated Production -I.P.	Gas	Water %
<u>30</u> bbls.	<u>MCF</u>	<u>45%</u>
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio
		<u>bbls.</u> <u>CFPB</u>

Perforations

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Black Diamond Oil, Inc. LEASE Jackson

SEC. 10 TWP. 7 RGE. 19 (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 2

FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME	DEPTH						
<p>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.</p> <p>X Check if no Drill Stem Tests Run. _____ Check if samples sent to Geological Survey</p>											
	Topeka Limestone	2930'									
	Heebner Shale	3132'									
	Toronto Lmst.	3160'									
	Lansing-K.C.	3174'									
	Base K.C.	3396'									
	Marmaton Lmst.	3436'									
	Arbuckle	3447'									
<p>Perforation Record (cont. from below)</p> <table border="1"> <thead> <tr> <th>Shots per ft.</th> <th>Size & Type</th> <th>Depth interval</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>JET</td> <td>3370-72, 3348-53, 3234-36, 3328-30, 3273, 75, 3260-64,</td> </tr> </tbody> </table>						Shots per ft.	Size & Type	Depth interval	4	JET	3370-72, 3348-53, 3234-36, 3328-30, 3273, 75, 3260-64,
Shots per ft.	Size & Type	Depth interval									
4	JET	3370-72, 3348-53, 3234-36, 3328-30, 3273, 75, 3260-64,									

If additional space is needed use Page 2,

Report of all strings set — surface, intermediate, production, etc. CASING RECORD

New

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#	258'	Common	130	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5#	3400'	Common	175	60/40 poz., 10% salt, 2% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Limited Entry	3436
TUBING RECORD			1	" "	3372, 3350, 3351, 3329
Size	Setting depth	Pecker set at			3261, 3274, 3235, 317
2 3/8"					3164