

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

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

DOCKET NO. NP _____

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 6/30/85

OPERATOR Black Diamond Oil, Inc. API NO. 15-163-22,310 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 Indicate if new pay.

PURCHASER Farmland Industries LEASE Sammons

ADDRESS P. O. Box 7305 WELL NO. 1

Kansas City, Mo. 64116 WELL LOCATION C-W/2-NW-NE

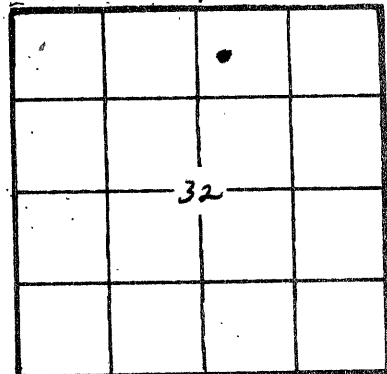
DRILLING R & C Drilling 660 Ft. from North Line and

CONTRACTOR CONTRACTOR ADDRESS P. O. Box 296 2310 Ft. from East Line of

Hays, Ks. 67601 the NE (Qtr.) SEC 32 TWP 6S RGE 20 (W)

PLUGGING CONTRACTOR ADDRESS

WELL PLAT (Office Use Only)



KCC [checked] KGS [checked] SWD/REP PLG. NGPA

TOTAL DEPTH 3758' PBTD 3680

SPUD DATE 3/23/84 DATE COMPLETED 3/29/84

ELEV: GR 2233' DF 2236' KB 2238'

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 258' 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.

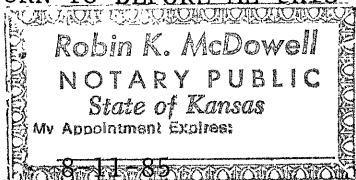
A F F I D A V I T

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.

Signature of Kenneth Vehige (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 28th day of June, 1984.



Signature of Robin K. McDowell (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 8-11-85

RECEIVED STATE CORPORATION COMMISSION CONSERVATION DIVISION Wichita, Kansas JUL 02 1984 n-2-84

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

Side TWO

OPERATOR Black Diamond Oil, Inc. LEASE NAME Sammons SEC 32 TWP 6 RGE 20 WELL NO 01

FILL IN WELL INFORMATION 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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. <input type="checkbox"/> Check if samples sent Geological Survey.				
0 to 690 Sand and Shale				
690 to 1835 Sand and Shale				
1835 to 1870 Anhydrite				
1870 to 2891 Lime and Shale				
2891 to 3466 Lime and Shale				
3466 to 3758 Lime and Shale RTD				
Topeka Limestone	3227'			
Heenber Shale	3433'			
Toronto Limestone	3456'			
Lansing-K.C.	3470'			
Base of K.C.	3667'			
Arbuckle	3701'			
RTD	3758'			

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD <u>(New)</u> 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	24 lb	258'	common quick set	160	
Production	7 7/8	5 1/2	14 lb	3757'	60/40 poz	175	10% salt, 5% gilsonite, 2% ge

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	JET	3620, 3635, 3656
TUBING RECORD			4	JET	3708-13, 3633-37 3617-21, 3655-57
Size	Setting depth	Pecker set at			
2 7/8"	3677'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
treat w/1250 gls. 15% mud	3620 & 3635 & 3656
retreat w/4500 gls. 15% demulsion & acid gelling agent	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
4/16/84	Pumping	39°
Estimated Production-I.P.	Oil	Gas
	48 bbls.	Water 10% MCF
		Gas-oil ratio
		CFPB
Disposition of gas (vented, used on lease or sold)		Perforations

FILL IN WELL LOG AS REQUIRED: WELL NO. _____

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<u>DRILL STEM TESTS</u>				
# 1)				
Interval Tested: 3440' to 3466'. Toronto.				
Times: 30-45				
Blow: Weak, dead in 30 minutes on first open. No blow on second open.				
Recovery: 15' of oil-spotted mud, with a show of free oil in the tool.				
Shut-in Pressure: 1184.				
Flow Pressures: 68-58.				
# 2)				
Interval Tested: 3516' to 3536'. L-KC "D" Zone.				
Times: 30-45-10.				
Blow: Very weak, dead in 15 minutes on first open. No blow on second open.				
Recovery: 3' of oil-cut mud, with a good show of clean oil in the tool.				
Shut-in Pressures: 39.				
Flow Pressures: 39-39.				
# 3)				
Interval Tested: 3610' to 3644'. L-KC "I" & "J" Zones.				
Times: 15-30-45-30.				
Blow: Off the bottom of a 15" bucket in 1 1/2 minutes on the first open, and off bottom in 1 minute on the second open.				
Recovery: 1200' of gas in the pipe, 1650' of clean, gassy oil.				
Shut-in Pressures: 1126-1077.				
Flow Pressures: 146-195 & 332-565.				