

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

10-7-19W

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 7076 EXPIRATION DATE June 30, 1983

OPERATOR Black Diamond Oil API NO. 15-169,20,811-A

ADDRESS 217 E. 32nd, Suite 44' COUNTY Rocks

Hays, Ks. 67601 FIELD

** CONTACT PERSON Kenneth Vehige PROD. FORMATION

PHONE 913 625-5891

PURCHASER Farmland Industries, Inc. LEASE JACKSON (OWNO)

ADDRESS P. O. Box 7305 WELL NO. 1

Kansas City, Mo. 64116 WELL LOCATION SE/4

DRILLING Contractor Lawbanco Drilling 990 Ft. from South Line and

ADDRESS P. O. Box 289 990 Ft. from East Line of

Natoma, Ks. 67651 the SE (Qtr.) SEC 10 TWP 7 RGE 19W

PLUGGING same as above WELL PLAT

CONTRACTOR ADDRESS

TOTAL DEPTH 3470 PBDT

SPUD DATE 11/29/82 DATE COMPLETED 12/10/82

ELEV: GR 1962 DF KB

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 212' DV Tool Used? NO

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OOWN, Other

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

State Geological Survey WICHITA BRANCH

(Office Use Only) KCC KGS SWD/REP PLG.

AFFIDAVIT

Kenneth Vehige, being of lawful age, hereby certifies

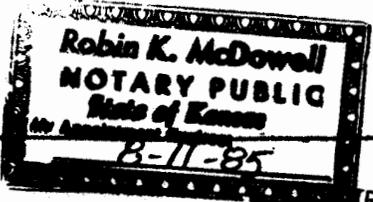
that: I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

[Signature of Kenneth Vehige]

(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 7th day of March

1983.



[Signature of Robin K. McDowell] (NOTARY PUBLIC)

MY COMMISSION EXPIRES:

RECEIVED MAR 8 1983 CONSERVATION DIVISION Wichita, Kansas

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

MAR 21 1983

CONSERVATION DIVISION Wichita, Kansas

FILL IN WELL LOG AS REQUIRED:

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

SHOW GEOLOGICAL MARKERS, LOSS ZONES, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH	
Surface clay	0	70	SAMPLE TOPS:		
Surface sand & shale	70	213			
Shale & sand	213	1260		Anhydrite	1482 (+ 48)
Sand & shale	1260	1482		B/Anhydrite	1516 (+ 45)
Anhydrite	1482	1516		Topeka	2919 (- 95)
Sand & shale	1516	1579		Heebner	3120 (-115)
Shale	1579	2290		Toronto	3146 (-118)
Shale & lime	2290	2745		Lansing	3162 (-119)
Lime & shale	2745	3190		Arbuckle	3433 (-146)
Lime	3190	3227			
Lime & shale	3227	3255			
Lime	3255	3270			
Lime & shale	3270	3294			
Lime	3294	3449			
Lime & shale	3449	3459			
Lime	3459	3470			
Rotary Total Depth		3470			
DST#1 (3186-3209) 30", 45", 60", 45". Rec. 300' gip, 45' cl. gsy. oil, 45' mdy oil, 10' wtry mud. IFP 21-32, IBHP 739, FFP 43-53, FBHP 712.					
DST#2 (3223-3255) 30", 45", 60", 45". Rec. 40' hocm, 30' mw. IFP 10-21, IBHP 1109, FFP 53-64, FBHP 1067.					
DST#3 (3256-3270) 30", 45", 30", 30". Rec. 20' hocm. IFP 10-21, IBHP 1120, FFP 31-31, FBHP 1078.					
DST#4 (3327-3343) 30", 45", 30", 45". Rec. 9' ocm, 1' free oil. IFP 10-10, IBHP 1046, FFP 21-21, FBHP 129.					
DST#5 (3306-3343) 30", 30", 30", 30". Rec. 10' socm. IFP 20-20, IBHP 237, FFP 37-43, FBHP 86.					
DST#6 (3417-3449) 30", 30", 30", 30". Rec. 10' ocm, 10' free oil. IFP 26-26, IBHP 714, FFP 39-39, FBHP 251.					
DST#7 (3149-3176) 30", 45", 60", 45". Rec. 5' mud. IFP 20-20, IBHP 612, FFP 20-20, FBHP 34.					

LIBRARY

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 lb/ft.	Setting depth	Type cement	Seals	Type and percent additives
Surface		8 5/8"		212'	Common	160	2% gel, 3% cc
Production	7 7/8"	4 1/2"		3500'	Common	150	2% gel, 3% cc

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Seals cement	Shots per ft.	Size & type	Depth interval
			4	JET	3434-38, 3417-22, 3375-79, 3357-62, 3338-40, 3316-19, 3260-62, 3252-54, 3240-42, 3205-08

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gls 15% MCA on all zones	
1500 gls 15% AOG on all zones except 3205-08	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
1/01/83	pumping	34°
RATE OF PRODUCTION PER 24 HOURS	OR	Gas
21	21	50%
Disposition of gas (vented, used on trace or sold)		Perforations

10-5-83