

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-06522528-00-00

LEASE NAME RUDER

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

WELL NUMBER # 1

1980 Ft. from S Section Line

4290 Ft. from E Section Line

SEC. 36 TWP. 10 RGE. 24 (E) or (W)

COUNTY Graham

Date Well Completed 7-31-89

Plugging Commenced 9-29-98

Plugging Completed 9-29-98

LEASE OPERATOR Bowman Oil Company

ADDRESS 805 Codell Rd, Codell, KS 67663

PHONE# (785) 434-2286 OPERATORS LICENSE NO. 6931

Character of Well Oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 9-28-98 (date)

by Dennis Hamel (KCC District Agent's Name).

Is ACO-1 filed? Yes If not, is well log attached? Yes

Producing Formation LKC Depth to Top 3833 Bottom 384 T.D. _____

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS | CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
LKC	oil & water	3690	3840	8 5/8	224	None
				4 1/2	4019	None

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plug were used, state the character of same and depth placed, from feet to feet each set Mix & pump 25 sx cement w/200# hulls, then 14 sx jel with 200# hulls, followed by 100 sx cement w/ 100# hulls, pressure 1000; shut in at 200. check 8 5/8 to 700#

Name of Plugging Contractor Allied Cementing Co, Inc License No. _____

Address PO Box 31, Russell, KS 67665

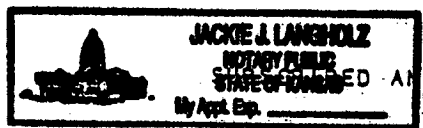
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Louis D Bowman

STATE OF Kansas COUNTY OF Rooks, ss.

Louis D Bowman (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained and the log of the above-described well as filed the the same are true and correct, so help me God.

(Signature) Louis D Bowman

(Address) Codell, KS 67663

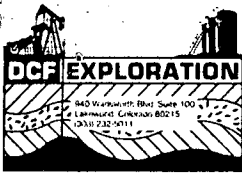


SWORN TO before me this 29 day of October, 19 98

Jackie J. Langholz
Notary Public

My Commission Expires: 2-24-2001

USE ONLY ONE SIDE OF EACH FORM



Ruder #1

Approx. C NE SW of Sec. 36 T-10-S R-24-W

Graham County, Kansas

API #: 15-065-22,528

KB ELEVATION: 2317

GROUND LEVEL ELEVATION: 2312

<u>FORMATION TOPS</u>	<u>LOG DEPTH</u>	<u>SUB SEA DATUM</u>
Anhydrite	1926	+391
Base/Anhydrite	1967	+350
Wabaunsee	3267	-950
Topeka	3419	-1102
Heebner	3638	-1321
Toronto	3660	-1343
Lansing	3673	-1356
Muncie Creek Shale	3798	-1481
Stark Shale	3866	-1549
Base/Kansas City	3909	-1592
Marmaton	3938	-1621
Rotary Total Depth	4020	-1703
Loggers Total Depth	4023	-1706

DRILL STEM TEST INFORMATION

DST #1 (LANSING "B" ZONE)

INTERVAL: 3690' - 3709'

OPEN: 30-30-30-30

IF: Weak blow; died in 10 minutes - 1st flow.

FF: No blow; flushed tool, no help - 2nd flow.

RECOVERY: 5' Mud with oil spots.

IFP: 19 - 19

ISIP: 493

FFP: 21 - 21

FSIP: 570

IHP: 1855

FHP: 1778

BHT: 107 ° F

DST #2 (LANSING "F" ZONE)

INTERVAL: 3727' - 3747'

OPEN: 30-60-60-60

IF: Weak blow building to 3" in bucket - 1st flow.

FF: Weak blow building to 2" in bucket - 2nd flow.

RECOVERY: 105' Muddy Water (Chlorides: 74,000 PPM)

IFP: 21 - 26

ISIP: 697

FFP: 37 - 52

FSIP: 629

IHP: 1866

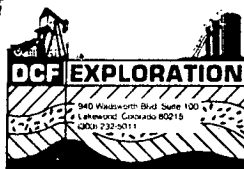
FHP: 1822

BHT: 111 ° F

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SEP 11 1989

CONSERVATION DIVISION
Wichita, Kansas



Ruder #1
 Approx. C NE SW of Sec. 36 T-10-S R-24-W
 Graham County, Kansas
 API #: 15-065-22,528

KB ELEVATION: 2317

GROUND LEVEL ELEVATION: 2312

DRILL STEM TEST INFORMATION (Continued)

DST #3 (KANSAS CITY "H" and "I" ZONES)

INTERVAL: 3793' - 3839'

OPEN: 30-60-60-90

IF: Fair blow, bottom of bucket in 25" - 1st flow.

FF: Strong blow, bottom of bucket in 6" - 2nd flow.

RECOVERY: 712' Gas in Pipe, 65' Clean Gassy Oil (36° API Gravity @ 60° F),
 90' Gas and Oil Cut Mud (7% Gas, 33% Oil, 60% Mud)
 155' TOTAL FLUID

IFP: 52 - 56

ISIP: 1173

FFP: 67 - 76

FSIP: 1171

IHP: 1921

FHP: 1861

BHT: 117° F

DST #4 (KANSAS CITY "J" ZONE)

INTERVAL: 3838' - 3860'

OPEN: 30-30-30-30

IF: Weak blow, 2" decreasing to 1/4" - 1st flow.

FF: No blow, flushed tool, no help - 2nd flow.

RECOVERY: 35' Watery Mud (Chlorides: 4,800 PPM)

IFP: 32 - 32

ISIP: 56

FFP: 32 - 35

FSIP: 54

IHP: 1923

FHP: 1864

BHT: 113° F

DST #5 (KANSAS CITY "K" ZONE)

INTERVAL: 3859' - 3879'

OPEN: 30-60-60-90

IF: Weak blow building to 9" in bucket - 1st flow.

FF: Weak blow building to 11" in bucket - 2nd flow.

RECOVERY: 90' Gas in Pipe, 16' Clean Gassy Oil (33° API Gravity @ 60° F),
 210' Muddy Water with Oil Spots (Chlorides: 63,000 PPM)
 226' TOTAL FLUID

IFP: 52 - 61

ISIP: 1222

FFP: 80 - 122

FSIP: 1207

IHP: 1942

FHP: 1910

BHT: 119° F

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CONSERVATION DIVISION
 Wichita, Kansas

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: DCF Exploration
940 Wadsworth Boulevard, Suite 100
Lakewood, Colorado 80215

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Ruder WELL #1

LOCATION: Approx. C NE SW
Section 36-10S-24W
Graham County, Kansas

LOGGERS TOTAL DEPTH: 4023'

ROTARY TOTAL DEPTH: 4020'

COMMENCED: 7/22/89

ELEVATION: 2317' K.B.

COMPLETED: 7/31/89

CASING: 8-5/8" @ 224' w/140 sks cement
4-1/2" @ 4019' w/140 sks cement

STATUS: Oil Well

DV Tool @ 1886' cement circ. from 1886' to surface, w/225 sks cement

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil, Sand & Clay	50'	Red Bed	2400'
Shale	835'	Shale & Lime Stks.	3416'
Dakota Sand	955'	Top of Topeka	3417'
Red Bed	1457'	Top of Heebner	3635'
Cedar Hills Sand	1680'	Top of Toronto	3657'
Red Bed	1931'	Top of Lansing-Kansas City	3668'
Anhydrite	1972'	R.T.D.	4020'

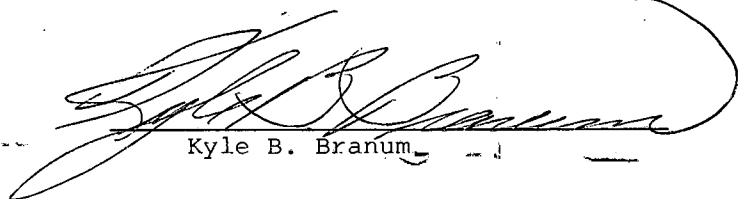
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) ss
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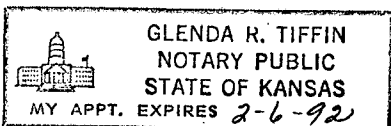
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

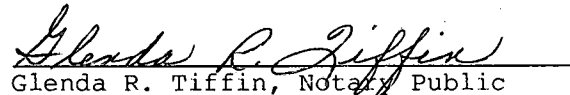


Kyle B. Branum

Subscribed and sworn to before me on August 1, 1989.

My commission expires: February 6, 1992.





Glenda R. Tiffin, Notary Public

CONFIRMS LKC PAY IN GEYER EAST POOL

15-065-22528-00-00

DCF Exploration, Inc., Lakewood (CO), has successfully confirmed Lansing-Kansas City oil pay within the Geyer East field in Graham County, nearly 7 years after the pool was discovered by F & M Oil Company. DCF's #1 Ruder, spotted 1820'FSL & 3250'FEL in section 36-10-24W, an east offset to F & M's #1 Ruder "C" (SW NE SW), is producing 58.45 barrels of oil (gravity 35°) and 13.36 barrels of water per day.

Production comes from Lansing "I" zone perforations shot at 3833 to 3840 ft. Top of the Lansing is logged at 3673 (-1356 KB) and total depth is 4023 ft. Field area lies 7¼ miles north and 2½ miles west of Wakeeney, Kansas.

GRAHAM COUNTY

36-10 -24W, 1820'FSL & 3250'FEL, SEC
 DCF EXPLORATION, INC, #1 RUDER
 840 WADSWORTH BLVD, #100, LAKEWOOD,
 CO 80216
 CONTR: EMPHASIS OIL OPERATIONS, API 15-
 065-22528
 SITE: 7-1/4 N & 2-1/2 W OF WAKEENEY, KS
 FLD: GEYER EAST
 NOTE: CORRECTION: 8/27/89 - ORIG FR AS #1
 GEYER EAST IN ERROR
 FR 07/13/89, SPD 07/22/89, DC 07/31/89
 ELV: 2317 KB, LOG

*DAK SD.....	835 +1482
*B/DAK SD.....	955 +1362
*CED HILL.....	1457 +860
*B/CED HILL.....	1880 +837
ANH.....	1926 +391
B/ANH.....	1967 +350
WAB.....	3287 -950
TOP.....	3419 -1102
HEEB.....	3638 -1321
TOR.....	3660 -1343
LANS.....	3673 -1356
MUN CR.....	3798 -1481
STARK.....	3866 -1549
BKC.....	3909 -1592
MARM.....	3938 -1621
RTD.....	4020 -1703
RTD.....	4023 -1708

*DRILLER TOP
 CSG: 8-5/8" 224 / 140 SX, 4-1/2" 4019 / 140
 SX, DV TOOL AT 1886 / 225 SX
 NO CORES.

DST (1) 3690-3709 (LANS B), / 30-30-30-30,
 (1ST OP) WB, DIED / 10", (2ND OP) NB, FLUSH
 TOOL, NO HELP, REC 5' M, W / OIL SPTS
 ISIP 493# FSIP 570# IFP 19# -19# FFP 21#
 -21# IHP 1855# FHP 1778# BHT 107 *

DST (2) 3727-3747 (LANS F), / 30-60-60-60,
 (1ST OP) WB BLDG TO 3 INCH, (2ND OP) WB
 BLDG TO 2 INCH, REC 105' MW (CHL 74,000
 PPM) ISIP 697# FSIP 829# IFP 21# -26#
 FFP 37# -52# IHP 1866# FHP 1822# BHT 111

DST (3) 3793-3839 (LANS H,I), / 30-60-60-90,
 (1ST OP) FB, OFF BTM OF BKT / 25", (2ND OP)
 SB, OFF BTM OF BKT / 6", 712' GIP, REC 65'
 CLEAN GSY OIL (GR 38), 90' G & OCM (7% G,
 33% OIL, 60% M) ISIP 1173# FSIP 1171# IFP
 52# -56# FFP 87# -76# IHP 1921# FHP 1861#
 BHT 117 *

DST (4) 3838-3860 (LANS J), / 30-30-30-30,
 (1ST OP) WB, 2 INCH DECR TO 1/4 INCH, (2ND
 OP) NB, FLUSH TOOL, NO HELP, REC 35' WM
 (CHL 4800 PPM) ISIP 56# FSIP 54# IFP 32#
 -32# FFP 32# -35# IHP 1923# FHP 1864# BHT
 113 *

DST (5) 3859-3879 (LANS K), / 30-60-60-90,
 (1ST OP) WB BLDG TO 9 INCH, (2ND OP) WB
 BLDG TO 11 INCH, 90' GIP, REC 16' CLEAN
 GSY OIL (GR 33), 210' MW, W / OIL SPTS (CHL
 63,000 PPM) ISIP 1222# FSIP 1207# IFP 52#
 -61# FFP 80# -122# IHP 1942# FHP 1910#
 BHT 119 *

MICT - CO, PF (LANS I) 3833-3840, W / 4 SPF,
 AC 500 GAL (15% MCA/HCL), RESULTS NA, PF
 (LANS I) 3833-3840, W / 4 SPF, AC 2000 GAL
 (20% SGA/HCL), SO, SET 2-3/8" TBG AT
 3852.97, NO PKR, POP, P 58.45 BO & 13.36
 BWPD (GR 35), 8/22/89
 OIL) P. 58.45 BO & 13.36 BWPD, LKC 3833-3840

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