

15-065-20886-00-00

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

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

API NUMBER 15-065-20,886
LEASE NAME D. Rush 'A'
WELL NUMBER 4
3630 Ft. from S Section Line
4290 Ft. from E Section Line
SEC. 20 TWP. 10S RGE. 24 (E) or (W)
COUNTY Graham
Date Well Completed 1/14/77
Plugging Commenced 3/31/92
Plugging Completed 3/31/92

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

LEASE OPERATOR DaMar Resources, Inc.
ADDRESS P. O. Box 70 Hays, KS 67601
PHONE# (913) 625-0020 OPERATORS LICENSE NO. 9067

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

The plugging proposal was approved on 3/31/92 (date)
by Carl Goodrow (KCC District Agent's Name).

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

Producing Formation Lansing-Kansas City Depth to Top 3735 Bottom 3966 T.D. 3985

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
Lansing-Kansas City	Oil/Water	3735	3966	8 5/8"	246	none
				4 1/2"	3984	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 plugs were used, state the character of same and depth placed, from feet to feet each set.

Pump 100 sx 65/35 pozmix cement with 10% gel and 100# cottonseed hulls down 8 5/8"-4 1/2" annulus, max pressure 500#, shut in pressure 500#. Perforate 4 1/2" casing one shot 2050' (Anhydrite) and one shot 1220' (base Dakota). Pump 250 sx 65/35 pozmix cement with 10% gel and 400# cottonseed hulls down 4 1/2" casing, max pressure 600#, shut in pressure 350#.
(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Allied Cementing License No. _____
Address P. O. Box 31 Russell, KS 67665

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: DaMar Resources, Inc.

STATE OF Kansas COUNTY OF Ellis, ss.

Curtis R. Longpine (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 that the same are true and correct, so help me God.

(Signature) [Signature]

(Address) P. O. Box 70 Hays, KS 67601



SUBSCRIBED AND SWORN TO before me this 3rd day of April, 1992

[Signature]
Notary Public

My Commission Expires: 1-10-95

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STATE CORPORATION COMMISSION
APR 06 1992
CONSERVATION DIVISION
Wichita, Kansas

15-065-20886-00-00

KANSAS DRILLERS LOG

S. 20 T. 10 R. 24 ^K_W

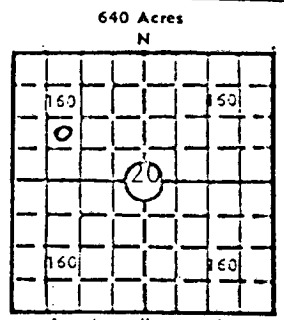
API No. 15 — 065 — 20,886
County Number

Loc. C NE SW NW

Operator
 King Oil Co., % K & A, Inc.

County Graham

Address
 1400 Fourth National Bank Building Tulsa, Oklahoma



Well No. #4 Lease Name Dave Rush "A"

640 Acres N

Footage Location
 1650 feet from (N) line 990 feet from (W) line

Elev.: Gr. 2416

Principal Contractor Slawson Drilling Co., Inc. Geologist J. R. Green

Spud Date 12-9-76 Total Depth 3985 P.B.T.D. 3950

DF 2418 KB 2421

Date Completed 2-10-77 Oil Purchaser Mobil

CASING RECORD

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

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	12½"	8-5/8	28.5	246'	60-40 Pozmix	175	2% gel 3% CaCl ₂
Production	7-7/8"	4½"	10.5	3984'	50-50 Pozmix + 35 sx. Lite	235	2% gel, 18% salt 3/4% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			9 holes	Jet	3766-68
TUBING RECORD			10 holes	Jet	3776-79
			10 holes	Jet	3807-12
Size	Setting depth	Packer set at	10 holes	Jet	3911-21
2-3/8"	3923'	--			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acid 250 g. 15% NE	3766-68
Acid 250 g. 15% NE Acid 500 g. 28% CRA	3776-79 3766-79
Acid 250 g. 15% NE, 1000 g. 28% CRA	3766-79

INITIAL PRODUCTION

Date of first production 1-14-77	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 3 bbls. Gas None MCF Water 117 bbls. Gas-oil ratio None CFPB
Disposition of gas (vented, used on lease or sold) --	Producing interval(s) 3766-3921

RECEIVED
 STATE CORPORATION COMMISSION
 WICHITA, KANSAS
 APR 11 1977
 CONSERVATION DIVISION

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator
King Oil Company, % K & A, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
Oil

Well No.
4

Lease Name
Dave Rush 'A'

S 20 T 10 R 24 W

WELL LOG

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
Clay, sand & shale	0	252	Induction	
Shale & Shells	252	1630	Electric Log	3985'
Sand	1630	1814		
Shale & Shells	1814	2049	Compensated	
Anhydrite	2049	2094	Density Log	3985'
Shale & Shells	2094	2580		
Lime & Shale	2580	3484	Microlog-	
Topeka	3484	3700	Caliper	3985'
Heebner	3699	3722		
Toronto	3722	3737		
Lansing-K.C.	3737	3966		
Shale	3966	3985 TD		
DST No. 1 3753-77', op. 1 hr., FP 31-31 SIP 209-177, rec. 40' sl. oil-cut mud.				
DST No. 2 3776-805', op. 45 min., FP 31-33, SIP 251-251, rec. 10' mud.				
DST No. 3 3857-84', op. 45 min., FP 21-21, SIP 41-41, rec. 5' mud.				
DST No. 4 3883-933', op. 45 min., FP 41-41, SIP 136-83, rec. 10' very sl. oil-cut mud.				

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 APR 05 1977
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 Michia. Kansas

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Alan B. Erwin
 Alan B. Erwin Signature
 Vice President, K & A, Inc., Agent for King Oil Title
 February 15, 1977 Date