

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

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

API NUMBER 15-097-20242-0000

LEASE NAME Koehn

WELL NUMBER 1-V

660 Ft. from N Section Line

1980 Ft. from W Section Line

SEC. 33 TWP. 28S RGE. 18W(E) or (W)

COUNTY Kiowa

Date Well Completed 5-5-1975

Plugging Commenced 5-10-90

Plugging Completed 5-11-90

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

LEASE OPERATOR Graham Royalty, Ltd.

ADDRESS P. O. Box 919, Liberal, KS 67905-0919

PHONE#(316) 624-7900 OPERATORS LICENSE NO. 03538

Character of Well Gas

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

The plugging proposal was approved on May 8, 1990 (date)

by Mike Wilson, Dodge City (KCC District Agent's Name).

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

Producing Formation Elmont Depth to Top 3583' Bottom 3588' T.D. PBTD 4491'

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
				8-5/8"	603	0
				5-1/2"	4965	2319

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 25 sks of cement and 1 sk of hulls from 3588 to 3400'

Pump 50 sks of cement from 1100 to 1000

Pump 50 sks of cement from 630 to 500

Pump 10 sks of cement from 40 to 0. Cut off and cap 8-5/8" 3' below ground level.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Sargent's Casing Pulling Service License No. 6547

Address P. O. Box 506, Liberal, KS 67905-0506

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Graham Royalty, Ltd.

STATE OF Texas COUNTY OF Dallas, ss.

Jason C. Sizemore (Employee of Operator) or IC (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) Jason C. Sizemore

(Address) 5429 LBJ Freeway, Suite 550 Dallas, TX 75240

SUBSCRIBED AND SWORN TO before me this 17th day of July, 1990

Marilyn F. Hulse
Notary Public

My Commission Expires: October 28, 1992

Well No. 1-V

Lease No. Koehn

15-097-20242-0000

S 33 T28S R18 E 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
Surface Hole	0	217'		
Shale and Sand	0	187'	Statler	3495' (-1230)
Shale	217'	2376'	Tarkio	3545' (-1280)
Lime and Shale	2376'	2975'	Topeka	3806' (-1541)
Shale and Lime	2975'	3090'	Heebner	4134' (-1869)
Lime and Shale	3090'	3560'	Douglas	4195' (-1930)
Lime	3560'	4930'	Brown Lime	4304' (-2039)
Mississippi	4930'	4965'	Lansing	4319' (-2054)
			Miss.	4904' (-2639)
			RTD	4968' (-2703)
			PBTD	4491' (-2226)
<p>DST #1 - 3562' - 94' 60-60-60-120 - GTS/21 min. GA 8 MCFGPD/30 min. GA 14 MCFGPD/ 60 min. 2nd Op. GA 86 MCFGPD/5 min. GA 86 MCFGPD/60 min. and stab. ISIP 1219, IFP 34-102, FFP 31-68, FSIP 1219, BHT 105, IHP 1915, FHP 1897</p> <p>DST #2 - 4906' - 18' 30-60-60-120 - GTS/5 min. Rec. 135' GCM, 60' MW, ISIP 1555, IFP 26, FFP 85, FSIP 1538.</p> <p>DST #3 - 4918' - 30' 30-60-60-120 180' GIP, Rec. 60' MW, 60' wtr, ISIP 140', IFP 17-59, FSIP 1418.</p>				

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

JUL 20 1990
 CONSERVATION DIVISION
 Wichita Kansas

Date Received

Robert W. Patton
 Signature Robert W. Patton
 Title Mid-Continent Exploration Manager
 Date September 2, 1975