

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

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

15-195-20868-00-00 #4

API NUMBER 15-195-20,868-00-00

LEASE NAME Kraemer

WELL NUMBER #1

1650 Ft. from S Section Line

4290 Ft. from E Section Line

SEC. 11 TWP. 11S RGE. 22W XXXXX(W)

COUNTY Trego

Date Well Completed 9-4-81

Plugging Commenced 9-27-89

Plugging Completed 5:45 P.M.
9-27-89

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

LEASE OPERATOR John O. Farmer, Inc.

ADDRESS P.O. Box 352, Russell, KS 67665

PHONE# (913) 483-3144 OPERATORS LICENSE NO. 5135

Character of Well Oil

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

The plugging proposal was approved on September 20, 1989 (date)

by District #4 (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? Yes

Producing Formation Marmaton Depth to Top 3748' Bottom 3758' T.D. 3845'

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
Marmaton	oil	3748'	3758'	8-5/8"	222'	-0-
				4-1/2"	3841'	-0-

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.
Mixed 240 sks. cement and 3 sks. hulls down tubing and circulated cement. Pulled tubing and tied on to 4-1/2" casing. Mixed 60 sks. cement and 1 sk. hulls - pressured to 700 PSI. Shut in @ 300 PSI - tied on to 8-5/8" casing. Mixed remaining cement and 2 sks. of hulls - maximum pressure - 900 PSI, shut in @ 100 PSI. (OVER)
(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor John O. Farmer, Inc. License No. RECEIVED

Address P.O. Box 352, Russell, KS 67665 STATE CORPORATION COMMISSION
10-5-1989
OCT 05 1989

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: John O. Farmer, Inc.

STATE OF Kansas COUNTY OF Russell, ss. CONSERVATION DIVISION
Wichita, Kansas

John O. Farmer III (Employee of Operator) (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.

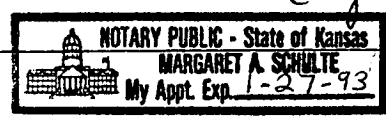
(Signature) John O. Farmer III

(Address) P.O. Box 352, Russell, KS 67665

SUBSCRIBED AND SWORN TO before me this 3rd day of October, 19 89

Margaret A. Schulte
Notary Public

My Commission Expires:



Margaret A. Schulte

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

15-195-20868-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 7556

Home Office P. O. Box 31

Russell, Kansas 67665

Date	9-27-89	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
Lease	Kramer	Well No.	1	Location	Ogallah 9N 4E	County	Trego	State
Contractor	Plainville Well Service							
Type Job	Plug to Abandon							
Hole Size	T.D.							
Csg.	1 1/2							
Tbg. Size	2"							
Drill Pipe	Depth							
Tool	Depth							
Cement Left in Csg.	Shoe Joint							
Press Max.	Minimum							
Meas Line	Displace							
Perf.	16" + 786							

EQUIPMENT

No.	Cementor	Dave
Pumptrk 153	Helper	Gerard
No.	Cementor	
Pumptrk	Helper	
Bulktrk Ford	Driver	ed
Bulktrk	Driver	

DEPTH of Job

Reference:	Pumped file chg 1100 ft file
Sub Total	
Tax	
Total	

Remarks:

Mixed 200 PSI & 3 Halls down tubing & cut cement
 pulled tubing & tied on to 4 1/2 mixed 600 PSI
 + 1 Hall pressure to 200 PSI shut in to 300 PSI
 tied on to 88 mixed rest of cement of 2 Halls
 Max pressure = 900 PSI shut in to 1000 PSI

Owner
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish
 cementer and helper to assist owner or contractor to do work as listed.

Charge To J.O. Farmer
 Street

City State
 The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.
 X

6 Halls CEMENT
 Amount Ordered 400 60% gel 10 1/2 Halls 600 PSI

Consisting of
 Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

Handling
 Mileage

RECEIVED
 STATE CORPORATION COMMISSION
 10-5-1989
 OCT 5 1989

Heating Equipment CONSERVATION DIVISION
 Wichita, Kansas

15-195-20868-00-00

MERCURY WIRELINE, INC.

1023 Reservation Road - P.O. Box 680

Hays, Kansas 67601-0680

Phone 913 / 625-1182

7263

Job Ticket

DATE Sept 27, 1989

CHARGE TO: J.O. Farmer

ADDRESS _____

LEASE AND WELL NO. KROENICH #1 FIELD _____

NEAREST TOWN _____ COUNTY Trego STATE KS

CUSTOMER'S ORDER NO. _____ SEC. 11 TWP. 11E RANGE 22W

ZERO 5+ AGE CASING SIZE 4 1/2" 2" WEIGHT _____

CUSTOMER'S T.D. _____ Mercury WL T.D. _____ FLUID LEVEL Fall

ENGINEER B.H. Kline OPERATOR C.H. O'Hara

PERFORATING

CODE REFERENCE	DESCRIPTION	NO HOLES	DEPTH FROM	TO	AMOUNT
206 ⁰⁰	1 1/16 Ceramic	2		1614	475
206 ⁰⁰	1 1/16 Ceramic	2		715	50 ⁰⁰
					525 ⁰⁰

5+ Run tagged up shallow 1290' 1 1/2"

PLUGS, PACKERS, AND OTHER

CODE REFERENCE	MFG. TYPE	CASING SIZE	WEIGHT	DEPTH	AMOUNT

MISCELLANEOUS INFORMATION _____

TRUCK RENTAL

CODE REFERENCE	RUN NO.	PREVIOUS INVOICE NO.	AMOUNT
100	04-0		350 ⁰⁰

DEPTH OF OPERATIONS CHARGES

Code Reference	From	To	No. Feet	Price Per Ft.	Amount
					875 ⁰⁰

Discipline	Sub Total	650 ⁰⁰
ok. well	Tax	
TOTAL		RECEIVED

RECEIVED THE ABOVE SERVICE ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED BELOW WHICH WE HAVE READ AND TO WHICH WE HEREBY AGREE.

Customer _____ Authorized Agent _____

General Terms And Conditions

- All accounts are to be paid within the terms fixed by Mercury W L invoices; and should these terms not be observed, interest at the rate of 1.5% per month will be charged from the date of such invoice.
- Because of the uncertain conditions existing in a well which are beyond the control of Mercury W L, it is understood by the customer that Mercury W L, cannot guarantee the results of their services and will not be held responsible for personal or property damage in the performance of their services.
- Should any of Mercury W L, instruments be lost or damaged in the performance of the operations requested, the customer agrees to make every reasonable effort to recover same, and to reimburse Mercury W L, for the value of the items which cannot be recovered, or the cost of repairing damage to items recovered.
- It is further understood and agreed that all depth measurements shall be supervised by the customer or its employees, and customer hereby certifies that the same, as shot were approved.
- The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by Mercury W L is in proper and suitable condition for the performance of said work.
- No employee is authorized to alter the terms or conditions of this agreement.

CONSERVATION DIVISION
Wichita, Kansas

10-5-1980
OCT 05 1989

15-195-20868-00-00

KANSAS DRILLERS LOG

API No. 15 — 195 — 20,868
County Number

S. 11 T. 11S. R. 22W ^X W

Loc. SE NW SW

Operator

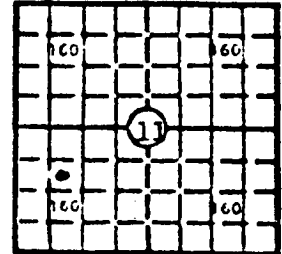
John O. Farmer, Inc.

County Trego

640 Acres
N

Address

P.O. Box 352, Russell, KS 67665



Well No.

#1

Lease Name

Kraemer

Footage Location

990 feet from (N) ~~XX~~ line

990 feet from ~~XX~~ (W) line

Principal Contractor

John O. Farmer, Inc.

Geologist

Sam Farmer

Spud Date

8-26-81

Total Depth

3845'

P.B.T.D.

Date Completed

9-4-81

Oil Purchaser

Cities Service Company

Elev.: Gr.

2145'

DF

2148'

KB

2150'

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	Socks	Type and percent additives
Surface	12-1/4"	8-5/8"	20	222'	Common	180	
Production	7-7/8"	4-1/2"	10-1/2	3841'	60-40 Posmic	125	10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
---	---	---	4 SPF	SSB Jets	3748-58

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	3789'	---

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Fraced with 40,000 gallons of fresh water and 22,500 pounds 20-40 Sand	3748-58

RECEIVED
STATE CORPORATION COMMISSION

INITIAL PRODUCTION

10105 1089
10-5-1981

Date of first production September 26, 1981	Producing method (flowing, pumping, gas lift, etc.) Pumping	Conservation Division Wichita, Kansas
RATE OF PRODUCTION PER 24 HOURS Oil 100 bbls.	Gas --- MCF	Water 0 bbls.
Disposition of gas (vented, used on lease or sold) ---	Gas-oil ratio ---	CFPB ---
Producing interval (s) 3748-58		

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, 2220 So. Meridian, Topeka, Kansas 66606.

Operator **John O. Farmer, Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. **#1** Lease Name **Kraemer** Oil

S 11 T 11S R 22W^{XX} W

WELL LOG

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

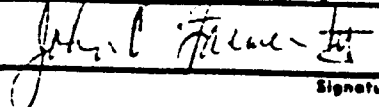
SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand	0	12		<u>Log Tops</u>
Blue Shale	12	222		
Shale & Sand	222	1125	Anhydrite	1614 (+536)
Sand	1125	1355	Heebner	3388 (-1238)
Red Bed	1355	1406	Toronto	3414 (-1264)
Anhydrite	1406	1448	Lansing	3428 (-1278)
Shale & Shells	1448	1870	B/KC	3678 (-1528)
Shale & Lime	1870	2180	Marmaton	3740 (-1590)
Lime & Shale	2180	2355	T.D.	3845 (-1695)
Shale & Lime	2355	2670		
Lime & Shale	2670	2820		
Shale & Lime	2820	3065		
Lime & Shale	3065	3450		
Lime	3450	3845		

DST #1 (3752-3767)
 Tool open 45-45-45-45
1st Open - fair blow slowly building to good blow, 8" in bucket
2nd Open - same as first open
 Rec: 260' free oil
 10' oil cut mud
 FIFP: (40-90)
 FFFP: (60-110)
 ICIP: (1080-1020)

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

Date Received _____


 Signature
 Vice-President
 Title
 October 2, 1981
 Date