

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

WELL PLUGGING RECORD
 K.A.R.-82-5-117

API NUMBER 15-135-23,314-0000

LEASE NAME Sargent

WELL NUMBER 0-30

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

1250 Ft. from S Section Line

1900 Ft. from E Section Line

SEC. 33 TWP. 16 RGE. 23 XR or (W)

COUNTY Ness

Date Well Completed 2-1-89

Plugging Commenced 2-1-89

Plugging Completed 2-1-89

LEASE OPERATOR Luff Exploration Company

ADDRESS 1580 Lincoln St., Suite 850 Denver, CO 80203

PHONE#(303) 861-2468 OPERATORS LICENSE NO. 7185

Character of Well D&A

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

The plugging proposal was approved on Jan 30, 1989 (date)

by Richard Lacey (KCC District Agent's Name).

Is ACO-1 filed? operator to be filed by operator If not, Is well log attached? yes

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 4548'

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

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.

Bottom Plug: @ 1790' w/50 sacks cement thru drill pipe
 Next Plug: @ 900' w/80 sacks
 Next Plug: @ 340' w/40
 Top Plug: @ 40' w/10 " " " " 15 sacks cement in Rat Hole

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

Name of Plugging Contractor Duke Drilling Co., Inc. LICENSE STATE CORPORATION COMMISSION

Address P.O. Box 823 Great Bend, KS 67530

RECEIVED
 2-9-89
 FEB 9 1989

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: _____

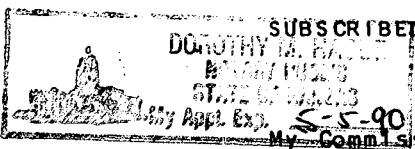
STATE OF Kansas COUNTY OF Barton, ss. CONSERVATION DIVISION

Glendal (Pete) Musgrove (Employee of Operator) or ~~XXXXXXXXXX~~ 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) Glendal (Pete) Musgrove

(Address) P.O. Box 823 Great Bend, KS 67530

SUBSCRIBED AND SWORN TO before me this 8th day of Feb, 1989

Dorothy M. Deague
 Notary Public

Expected Spud Date: 1 month 5 day 89 year

API Number 15-135-23, 314-6000-21

OPERATOR: License # 7185
Name: Luff Exploration Company
Address: 1580 Lincoln St., Suite 850
City/State/Zip: Denver, Colorado 80203
Contact Person: Rich Ferris
Phone: 303-861-2468

N/2 SW SE Sec. 33 Twp. 16 S, Rg. 23
1250 Ft. from South Line of Section
1900 Ft. from East Line of Section

CONTRACTOR: License # 5929
Name: Duke Drilling Company, Inc.
City/State: Wichita, Kansas 67202

(Note: Locate well on Section Plat on reverse side)
Nearest lease or unit boundary line 740 feet
County: Ness

Well Drilled For: Oil, Gas, OWWO
Well Class: Storage, Inj, Expi
Type Equipment: Mud Rotary, Air Rotary, Cable

Lease Name: Sargent Well # 0-30
Ground surface elevation 2466 feet MSL
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no

If OWWO: old well info as follows
Operator
Well Name
Comp Date Old Total Depth

Depth to bottom of fresh water 180
Depth to bottom of usable water 1050
Surface pipe by Alternate: 1 2 X

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.
Date: 12/16/88 Signature of Operator or Agent: Richard A. Ferris Title: Oper. Engineering Supv.

For KCC Use:
Conductor Pipe Required feet; Minimum Surface Pipe Required 200 feet per Alt.
This Authorization Expires 6-20-89 Approved By Luff 12-20-88

EFFECTIVE DATE: 12-25-88

Spud 1-23-89

300' of 2 5/8"

NO W.W.

NW SW SE Sec. 33 Twp. 16 S, Rg. 23

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ ft. deep 1800 or formation with 50 sacks feet of cement
2nd plug @ ft. deep 900 or formation with 80 sacks feet of cement
3rd plug @ ft. deep 300 or formation with 40 sacks feet of cement
4th plug @ ft. deep 40 or formation with 10 sacks feet of cement
5th plug @ ft. deep or formation with feet of cement

(2) Rathole to surface minus 5 feet 15 sacks (b) Mousehole to surface minus 5 feet 10 sacks

NOTE: Agreement between Cement: 60/40 pozmix with 6% gel

Table with columns: PUSHER, ID, SURFACE PIPE, ANHYDRITE, STARTING TIME & DATE, COMPLETION TIME & DATE, 1st PLUG @, 2nd PLUG @, 3rd PLUG @, 4th PLUG @, RAT HOLE CIRCULATED W/, MOUSE HOLE CIRCULATED W/, WATER WELL PLUGGED W/, CEMENT COMPANY, TECHNICIAN

RECEIVED
OPERATION COMMISSION
FEB 5 1989

15-B5-23314-0000

DRILLER'S WELL LOG

DATE COMMENCED: January 23, 1989
DATE COMPLETED: February 1, 1989

Luff Exploration Co.
SARCO #0-30-
Approx. N/2 SW SE
Sec. 33, T16S, R23M
Miss County, Ks.

0 - 316'	Surface Soil, Clay, Sand
316 - 1190'	Shale & Sand
1190 - 1800'	Shale & Shells
1800 - 2158'	Lime & Shale
2158 - 2548'	Lime, Shale, Salt
2548 - 3800'	Lime & Shale
3800 - 4155'	Shale & Lime
4155 - 4416'	Lime & Shale
4416 - 4518'	Shale & Lime
4518 - 4548'	Chert & Lime
4548'	RTD

ELEVATION: 2473' K.B.

Surface Pipe: Set new
2-5/8" 22# pipe @311'
w/165 sacks 60/40 pozmix
2% gel 3% cc.

AFFIDAVIT

STATE OF KANSAS
COUNTY OF BARTON) ss

Glendal (Pete) Musgrove of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Glendal T. Musgrove

Subscribed and sworn to before me this 8th day of February 1989.



Dorothy M. Hague
Notary Public

RECEIVED
STATE CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita, Kansas