

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

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

API NUMBER 15-135-23,089 0000

LEASE NAME Derr

TYPE OR PRINT

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

WELL NUMBER 1

2970 Ft. from S Section Line

330 Ft. from E Section Line

SEC. 4 TWP. 17 RGE. 21 (E) or (W)

COUNTY Ness

Date Well Completed 12/27/86

Plugging Commenced 12/27/86

Plugging Completed 12/27/86

LEASE OPERATOR Northern Lights Oil Co.

ADDRESS 212 N. Market, Suite 400

PHONE#(316)263-1008 OPERATORS LICENSE NO. 5474

Character of Well D&A

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

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? yes

Which KCC/KDHE Joint Office did you notify? Dodge City

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

Producing Formation _____ Depth to Top _____ Bottom _____ 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
Surface		317'	0'	8 5/8"	317'	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.

Plugged with 205 sx 60/40 poz, 6% gel, 2% cc as follows:

55 sx at 1559', 80 sx at 929', 40 sx at 347', 10 sx at 40'- 0'.

10 sx mousehole, 15 sx rathole.

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

Name of Plugging Contractor Mallard Drilling License No. 4958

Address P.O. Box 1009, McPherson, Kansas 67460

STATE OF Kansas COUNTY OF Sedgwick, ss.

John W. Sutherland, Jr. (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) John W. Sutherland

(Address) 212 N. Market, Suite 400

SUBSCRIBED AND SWORN TO before me this 22nd day of January, 19 87

Kristy A. Gerstner
Notary Public

My Commission Expires:



STATE CORPORATION COMMISSION

Form CP-4

JAN 23 1987 Revised 08-84

CONSERVATION DIVISION
Wichita, Kansas

15-135-23089-00-00

DRILLERS' LOG

COMPANY: Northern Lights Oil Co. WELL: Derr #1
 CONTRACTOR: Mallard Drilling API#: 15-135-23,089
 PO Box 905
 McPherson, Ks., 67460 LOCATION: SE SE NE
 COMMENCED: December 19, 1986 Sec. 4, Twp. 17S, Rge. 21W
 COMPLETED: December 27, 1986 COUNTY: Ness
 TOTAL DEPTH: 4250' ELEVATION: 2229' G. L.
2237' K. B.

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Soil, shale	0'	320'
Shale, Sand	320	955
Cedar Hills	955	1205
Shale	1205	1518
Anhydrite	1518	1559
Shale	1559	3821
Lime, Shale	3821	4000
Lime	4000	4250 T.D.

REMARKS:

Cut 12 1/4" hole to 320' and ran 7 joints 8 5/8" x 23# x 308.36' surface casing. Set at 317.76 and cemented with 175 sacks 60/40 pozmix, 3% cal. chl., 2% gel. P.D. at 1:30 a.m. 12/20/86.

Ran electric log.

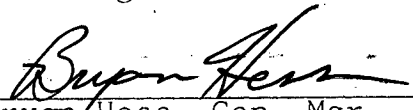
Plugged hole with 205 sacks 60/40 poz., 6% gel, 2% cal. chl. as follows:

- 50 sacks at 1559'
- 80 sacks at 929'
- 40 sacks at 347'
- 10 sacks at 40' to surface
- 10 sacks mousehole
- 15 sacks rathole

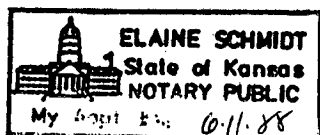
P.D. at 6:00 p.m. 12/27/86

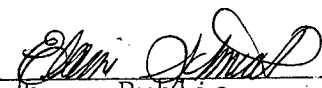
STATE OF KANSAS)
) SS:
 COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, do hereby certify that this is a true and correct copy of the log of the Derr #1 well as reflected by the files of Mallard Drilling.


 Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 30th day of December, 1986.




 Notary Public

STATE CORPORATION COMMISSION

JAN 23 1987
 01-23-1987
 CONSERVATION DIVISION
 Wichita, Kansas