

STATE OF KANSAS
STATE CORPORATION COMMISSION
130 S. Market, Room 2078
Wichita, Kansas 67202

Well Plugging Record
K.A.R. -82-3-117

API NUMBER 15-159-223750000
LEASE NAME IMC Salt Core Hole
WELL NUMBER #1

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

164 Ft. from North Line of Section
121 Ft. from East Line of Section

LEASE OPERATOR IMC Salt Company, Lyons Plant SPOT LOCATION 166' N. & 209' E. of C Ne Ne Nw
ADDRESS 1662 Avenue N Section 14 Township 20w Range 8w
CITY, STATE, ZIP Lyons, Kansas 67554 County Rice
PHONE # 316-669-7441 Date Well Completed November 20, 19
Character of Well Dry and Abandoned - Test Core Hole Only Date Plugging Commenced November 20, 19
(Oil, Gas, D&A, SWD, Input, Water Supply Well) Date Plugging Completed November 20, 19

The plugging proposal was approved on November 16th 1999 at 9:00 am (date)
by Doug Lewis (KCC District Agent's Name)

Is ACO-1 Filed? Yes If not, is well log attached? Yes
Producing Formation(s) D&A Depth to Top Bottom T.D. 1012

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	PULL OUT
Surface Soil and Sands	Water sands	0	80	and		
Redbeds	Shale/Siltstone	80	264	8-5/8"	249.24	0'

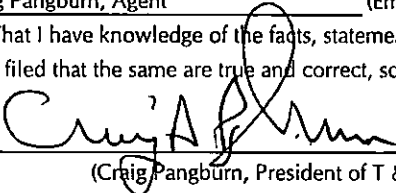
Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.

Plugged well with 95 sacks spotted at 1012' (RTD). Estimated cement top at 582'. Then 85 sacks spotted at 320' to surface. Topped off hole with 10 more sacks. Plugged rathole with 15 sacks and mousehole with 10 sacks. Allied Cementing used 60/40 Poz and 4%. Ticket # 3287.
Started plugging at 11:00 am and finished plugging at 1:00 pm on 11/20/99.

Name of Plugging Contractor Sterling Drilling Company
Licence No. 5142
Address P.O. Box 1006 City: Pratt State: Kansas Zip 67124
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: IMC Salt Company, Lyons Plant (Operator)

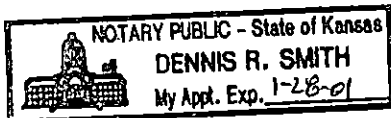
STATE OF KANSAS COUNTY OF BARTON, ss.

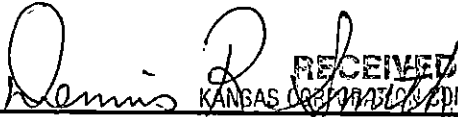
Craig Pangburn, Agent (Employee of Operator or (Operator) of above described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above described well as filed that the same are true and correct, so help me God.

(Signature) 
(Craig Pangburn, President of T & C MFG and Operating, Inc. - General Contractor for IMC Salt)

(Address) P.O. Box 225 City: Great Bend State: Kansas Zip 67530

SUBSCRIBED AND SWORN TO me this 29th day of NOVEMBER, 19 99




RECEIVED
KANSAS CORPORATION COMMISSION
(Notary Public)

My Commission Expires: 1-28-2001

DEC 06 1999

Form CP-4
Revised 12-92

CONSERVATION DIVISION
WICHITA, KS



Sterling Drilling Company, Rig #4Box 1006, Pratt, Kansas 67124-1006
Office Phone (316) 672-9508, Fax 672-9509**SAMPLE LOG****IMC Salt Core Hole #1****LOCATION:** 166' N. & 209' E. of C Ne Ne Nw
API: 15-159-223750000Section 14 T 20w R 8w
Rice County, Kansas**OWNER:** IMC Salt Company, Lyons Plant
CONTRACTOR: Sterling Drilling Company, Rig #4**COMMENCED:** 16-Nov-99
COMPLETED: 20-Nov-99**TOTAL DEPTH:** **DRILLER** 1012 **FEET**
LOGGER 1009 **FEET****Ground Elevation:** 1650
KB Elevation: 1659**LITHOLOGY LOG**

0 -	80 FEET	Surface soil and fresh water sands
80 -	699 FEET	Redbeds and shales
699 -	966 FEET *	Hutchinson Salt with some thin interbedded shales - Tops called from core inspection.
966 -	1012 FEET	Shale

* Hutchinson Salt Log tops: Top=694', Base=954' (260' Thick)

Cored from 400' to 1012' (4" O.D. Core)

#1 Cored 400' to 430' - Full Recovery	#13 Cored 760' to 790' - Full Recovery
#2 Cored 430' to 460' - Full Recovery	#14 Cored 790' to 820' - Full Recovery
#3 Cored 460' to 490' - Full Recovery	#15 Cored 820' to 850' - Full Recovery
#4 Cored 490' to 520' - Full Recovery	#16 Cored 850' to 880' - 26' Recovery
#5 Cored 520' to 550' - Full Recovery	#17 Cored 880' to 906' - Full Recovery + 4' from #16
#6 Cored 550' to 580' - Full Recovery	#18 Cored 906' to 936' - Full Recovery
#7 Cored 580' to 610' - Full Recovery	#19 Cored 936' to 966' - Full Recovery
#8 Cored 610' to 640' - Full Recovery	#20 Cored 966' to 996' - Full Recovery
#9 Cored 640' to 670' - Full Recovery	#21 Cored 996' to 1012' - Full Recovery
#10 Cored 670' to 700' - Full Recovery	
#11 Cored 700' to 730' - Full Recovery	
#12 Cored 730' to 760' - Full Recovery	

CASING RECORDS**Surface/Production Casing Data:**

Spudded well at 2:00 pm on 11-16-99. Drilled 12-1/4" hole to 264'. Tallied 249.24' of new 8-5/8" surface pipe and set at 261' KB. Cemented with 200 sacks of 60/40 Poz, 2% Gel, 3% CC. Plug down at 8:15 pm on 11-16-99 by Allied Cementing. Ticket # 2693. Good Returns to surface.

Plugging Data:

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DEVIATION SURVEYS

1/2 degree(s) at	264	feet
1/2 degree(s) at	400	feet

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DEC 06 1999

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TOPEKA, KS