

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

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

API NUMBER 15-007-20347-0000
 LEASE NAME HASKARD B
 WELL NUMBER HASKARD B-2
 2970
 3500 Ft. from S Section Line

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

660 Ft. from E Section Line
 SEC. 12 TWP. 35 RGE. 13 (E) or (W)
 COUNTY Barber
 Date Well Completed 7-4-77
 Plugging Commenced 7-24-00
 Plugging Completed 7-28-00

LEASE OPERATOR CRAWFORD Oil & Gas.
 ADDRESS Box 51
 PHONE (316) 582-2612 OPERATORS LICENSE NO. 32428

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

The plugging proposal was approved on 7-21-00 (date)
 by Richard MACY (KCC District Agent's Name).

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

Producing Formation LANSING-K.C. Depth to Top 4596 Bottom 4602 T.D. 4640
 Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS | CASING RECORD 8 5/8 290' 4 1/2 - 4940'

Formation	Content	From	To	Size	Put in,	Pulled out
MISSOURIAN	Oil & Gas	4834	4870	8 5/8	290'	0
KANSAS CITY	Water	4596	4602	4 1/2	4940'	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 plug were used, state the character of same and depth placed, from ___ feet to ___ feet each set.
SEE ATTACHMENT

Name of Plugging Contractor CRAWFORD Oil & Gas License No. 32428

Address Box 51 Coldwater, KS 67029

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NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: C.M. CRAWFORD

STATE OF KANSAS COUNTY OF Barber, ss.

AUG 2 2000

Eugene Yarbrough (Employee of Operator) CONSERVATION DIVISION
 above-described well, being first duly sworn on oath, says: That I have knowledge of the well & its statements, and matters herein contained and the log of the above-described well as filed the the same are true and correct, so help me God.

(Signature) Eugene Yarbrough

(Address) Box 51 Coldwater, KS

SUBSCRIBED AND SWORN TO before me this 28th day of July, 2000

NOTARY PUBLIC - State of Kansas
 PAMELA PRICE
 My Appt. Exp. 2-29-04

Pamela Price
 Notary Public

My Commission Expires: Feb. 29, 2004

Form CP-1
 Revised 05-88

7-29-00

HASKARD B-2

7-21-00

RAN Gage Ring to 4195'

RAN Seating Tool And Bridge Plug to 4180'

HALLIBURTON UNABLE to get off of seating tool pulled out of Rope Socket.

7-24-00

RAN in the hole with fishing tool to top of tools UNABLE to fish (Due to line on tool) SI for night.

Received OK FROM KCC TO cement tools in the hole w/ask Plug.

RAN in the hole with PKR TO 600ft pressured to 100# it held. Released PKR AND went to 1290 tested casing to 100# it held. pulled tubing and laid down PKR.

RAN in the hole with tubing to set 25 SX CLASS 'H' w/3% chloride plug AT 1290' pulled out of the hole. Top of plug should be AT 895'

RAN in the hole with perforating gun TO 600ft. shot⁴ holes pulled out of the hole.

Broke circulation w/53 BBS OF WATER down $4\frac{1}{2}$ AND up 8 $\frac{5}{8}$ had good circulation throughout job. Bullheaded cement 60/40 Poz 6% AFTER 53 BBS WAS BEGIVING TO see cement WATER out 8 $\frac{5}{8}$ then hole. Broke down AND 8 $\frac{5}{8}$ casing went on vacuum. Followed w/175 SX CLASS H. well did NOT load SI for night

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Wichita, Kansas

7-25-00

RAN IN THE hole w/ tubing found Plug AT 903'

7-27-00

Using Pressure Truck pump 10 BBL DOWN $4\frac{1}{2}$ pressured TO 200#, pumping $1\frac{1}{2}$ BBL PER MIN we pumped AT TOTAL OF 90 BBLs DOWN $4\frac{1}{2}$, shut down well flowed back 15 BBL SI

7-28-00

HALLIBURTON tied ON TO $4\frac{1}{2}$ pumped 15 BBL 60/40-6% pressured TO 1. tied ON TO 8 $\frac{5}{8}$ pumped $22\frac{1}{2}$ BBL pressured TO 150 # tied ON TO $4\frac{1}{2}$ pumped 1 BBL pressured TO 150# TO 0# IN 20 MIN checked. 8 $\frac{5}{8}$ pressure STILL ON. (CEMENT STILL AT SURFACE AFTER 2 HRS.) checked $4\frac{1}{2}$ pressure 0 VACUUM 0 - SI AFTER TWO HRS.

Eugene Jarboe

Plugging procedure for Haskard "B" #2
C SE NE 12-25S-13W
Barber County, Kansas

7/24/00

Set CIBP at 4180' and put 2 sx cement on top of CIBP. Note: Unable to get in hole with CIBP any deeper. Also collar locator & wire line rope socket in hole on top of CIBP. Fishing attempt failed.

Pressure test 4½" casing with tubing & packer in hole at 600' - held. Pressure test 4½" casing with tubing & packer - held.

Spot 25 sx of Class "H" cement with 3% cc inside 4½" casing at 1290'. Perforate 4½" casing at 600'. Pumped down 4½" casing with 175 sx 60/40 pozmix 6% gel. Had good returns up 4½"/8⅝" annulus but no cement around. Started mixing & pumping Premium cement. Well went on vacuum. Pumped 125 sx of Premium. Vacuum decreased but no returns. Shut down overnight.

7/25/00

Tag top of cement at 905'.

7/26/00

Pumped down 4½" casing (70 bbls at 250#). Shut down - 4½" would flow back. Shut down - waiting on cement.

7/28/00

Scott Alberg went to site. Pumped down 4½" casing with 51 sx 60/40 pozmix 6% gel. Maximum pressure 150#. Shut in pressure 140#.

Pumped down 4½"/8⅝" annulus with 80 sx 60/40 pozmix 6% gel. Pumping 0-150#. Shut in pressure 150#.

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