

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

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

API NUMBER NA

LEASE NAME Armstrong #2 UNIT

WELL NUMBER #2

1320 Ft. from S Section Line

1320 Ft. from ^W Section Line

SEC. 4 TWP. 34 RGE. 39 (E) or (W)

COUNTY Morton

Date Well Completed 6/19/80

Plugging Commenced 2/26/88

Plugging Completed 3/3/88

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

LEASE OPERATOR Mobil

ADDRESS P.O. Box 5444 TA Denver CO 80217

PHONE# (303) 298 2104 OPERATORS LICENSE NO. 5208

Character of Well Gas

(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 (Steve Durant) + Liberal - Dick Kapp

Is ASC-1 filed? NA old well If not, is well log attached? NA

Producing Formation Chase Depth to Top 2595' Bottom 2785' T.D. 2785'

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
<u>Hugoton - Chase</u>	<u>Gas</u>	<u>2785'</u>	<u>2595'</u>	<u>12 1/2</u>	<u>600'</u>	<u>4'</u>
				<u>8 5/8</u>	<u>2550'</u>	<u>4'</u>
				<u>5 1/2" (L)</u>	<u>= 220'</u>	<u>0</u>

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.

Backed off rods @ 1600', overshot onto rods + jarred, could not pull rods or pump. Chemical out tubing @ 1535' and jarred, couldn't pull tubing. Set packer @ 1200' ± w/ 2 7/8" tubing + pumped 100 sk Premium H cement. WD CON. Tagged cement @ 1241'. Perforated 2 holes @ 651' and pumped 472 sk cement down annulus between 8 5/8 + 12 1/2" (over).
 (if additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Patrick Well Service License No. 07547

Address Liberal KS

STATE OF _____ COUNTY OF _____, ss.

J.L. Douglass (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.

RECEIVED
 STATE CORPORATION COMMISSION

(Signature) J.L. Douglass

(Address) Mobil Denver

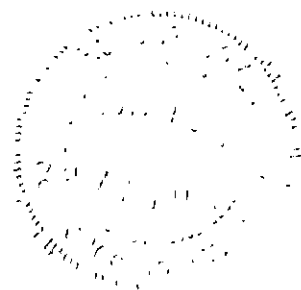
SUBSCRIBED AND SWORN TO before me this 8 day of April, 19 88

4-11-1980
 My Commission Expires 3/3/91
 CONSERVATION DIVISION
 Wichita, Kansas
James George
 Notary Public

Plugging record (cont)

Dis is

Pumped away 472 sk and ran out of cement SLOW. Tagged cement @ 200' ±.
Paired 41 sk of cement down 8⁵/₈" cut of casing, + wetted plate (END)



MOBIL OIL CORPORATION

JUNE 22, 1987

DENVER DIVISION - OPERATIONS ENGINEERING
KANSAS PRODUCING DISTRICT
PLUG AND ABANDONMENT
ARMSTRONG #2
MORTON COUNTY, KANSAS

Location: C SW Section 4-T34S-R39W

Current Status: Well is not currently capable of production due to a Glorietta casing leak. Tubing, rods, and pump are currently sanded in the hole.

Pertinent Data: Surface casing - 12 1/2" @ 600' w/ 50 sacks cement.
Production casing - 8 5/8" - 24# @ 2550' w/ 100 sacks cement.
See wellbore sketch.

Well History: The subject well was completed on June 19, 1930 as a single gas producer in the Chase formation. Initial potential was 11,663 MCFD open flow with 430 psi reservoir pressure. A 7" slotted liner was run in 1946 from 2531'-2785'. The well was hydraulically fractured in 1963 with 160M gal gelled water carrying 170M pounds river sand. The treatment was pumped at 288 bpm. A pumping unit was set in 1970. 5/87, the well was found to be on a vacuum with tubing and rods stuck.

Procedure:

1. Move in and rig-up pulling unit.
2. Haul 85 joints (2590') of 2 7/8" tubing to location.
3. Pick up kilo socket and run on bottom of 2 7/8" tubing. Run 2 7/8" over 1 1/2" tubing currently in the well.
4. Run tubing and kilo socket as far down as possible, tally 2 7/8" tubing on way in hole.
5. When 2 7/8" tubing is as deep as possible, pull up on 2 7/8" tubing to engage kilo socket. Pull upward until 1 1/2" tubing comes free or parts.

Tubing Data:	<u>string</u>	<u>o.d</u>	<u>drift</u>	<u>yield strength</u>	<u>wt. (#/ft)</u>
	1 1/2"	1.66	1.286	21,360#*	2.3
	2 7/8"	2.875	2.347	72,580#	6.5

The 1 1/2" tubing should yield at 21,360#* upward pull above total string weight.

* Actual will be less than 21,360# since this value is for new tubing.

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MORTON COUNTY
JUN 13 1988
DENVER DIVISION
Wichita, Kansas