STATE OF KANSAS WELL PLUGGING RECORD API NUMBER 4-28-58 STATE CORPORATION COMMISSION K.A.R.-82-3-117 200 Colorado Derby Building LEASE NAME McGannon Disposal Wichita, Kansas 67202 WELL NUMBER 2 TYPE OR PRINT NOTICE: Fill out completely 4620 Ft. from S Section Line and return to Cons. Div. office within 30 days. 1320 Ft. from E Section Line LEASE OPERATOR Amoco Production Co. SEC. 5 TWP. 29S RGE.38 (XX) or (W) COUNTY Grant ADDRESS P. O. Box 432 Liberal, KS 67901 __ PHONE# (316) 624-6241 OPERATORS LICENSE NO. 5952 Date Well Completed 5-5-58 Plugging Commenced 10-6-86 Character of Well Disposal Plugging Completed 10-9-86 (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? Injecting Producing Formation Topeka Depth to Top 3405 Bottom 3851 T.D. 3950 Show depth and thickness of all water, oil and gas formations. OIL. GAS OR WATER RECORDS Pulled out Formation Content From 8-5/8 Gas 2376 Chase 4-1/2 3949 2977 3140 Gas Council Grove 3140 3405 Waubaunsee Gas 3405 3851 4-1/2 Water 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.

See Attached (If additional description is necessary, use BACK of this form.) Name of Plugging Contractor Barbo Rig #2 License No. Address P. O. Box 159 COUNTY OF Stanton STATE OF Kansas Tarry L. Smith

(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 heredunicon and the log of the above-described well as filed that the same are true and correct. Southelp me God. (Signature) 10-23-86 (Address) P.O. Box 432 Liberal, KS 67901

SUBSCRIBED AND SWORN TO before me this 22nd day of October ,1986

######## Expires: 4-28-89

Appointment

Notary Public

V. K. Bruce





November 5, 1985

C. P. Kennedy Building

File: RAR-870-400.1

Plugging and Abandonment Procedure McGannon SWDW No. 2 Section 5-T29S-R38W Grant County, Kansas

Detailed below is the approved plugging and abandonment procedure for the subject Class I salt water disposal well. This procedure will place a cemented CIBP above the perforations, a cement plug at 1900', a cement plug 100' on either side of the casing leak, a cement plug at the base of the surface casing, and a cement plug 40' from the surface. Both of the casing strings were originally cemented from TD to surface (see attached wellbore diagram). It should be noted that prior to commencement of plugging operations we must run a CBL on this well to satisfy state requirements, and the McGannon SWDW No. 3 should be permitted and operational.

- Run a CBL from TD to surface.
- MIRUSU 2.
- Load the hole from PBD to 3480' with 4000 lbs. of sand to cover the 3. perforations.
- 4. Set a CIBP at 3450'.
- TIH x TBG to 3400' and spot 10 sacks of cement on top of CIBP. 5.
- Load the hole with 9 PPG mud and circulate to surface. 6.
- Set a cement plug from 1900' to 1760' with 12 sacks of cement. 7.
- Set a cement plug from 910' to 710' with 25 sacks of cement.
- Set a cement plug from 650' to 530' with 10 sacks of cement.
- Set a cement plug from 40 to 5 below ground level with 3 sacks of cement.

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On October 8, 1986 tagged top of cement at 365'. Believe mud and cement broke through casing leak at 817'. After discussion with State Personnel pumped 250 sacks of cement in annulus, between surface pipe and long string, at 2.48 bbl/min and 50-130 psig. Then pumped 6 sacks of cement into $4\frac{1}{2}$ " casing to fill casing for 365' to surface with cement.

On October 9, 1986 cut off casing 5' below ground level and tagged top of cement in annulus at 62'. Capped well and return location to native state.

