

JUN 24 2002

## AMERADA HESS CORPORATION

P. O. BOX 840  
SEMINOLE, TEXAS 79360  
915-758-6700

June 20, 2002

Attn: Mr. David Catanach  
State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Order No. SWD-31  
Warren McKee Unit SWD No. 1  
API No. 30-025-07743  
Unit F, Sec. 7, T20S, R38E  
Lea County, New Mexico

Dear Mr. Catanach,

Amerada Hess Corporation respectfully submits following information on above referenced well.

Dekalb Agricultural Association obtained Salt Water Disposal permit on November 13, 1961 by Order No. SWD-31 which approved injection of salt water for disposal into San Andres formation from approximately 4500' to approximately 4600'. Amerada Hess Corporation purchased well in 1966 ultimately as a salt water disposal well. Well was converted to SWD with Open Hole completion in San Andres from 4200' - 4550'.

With reference to our conversation, if we can furnish additional information in order to bring this well into compliance with completion interval, please let us know at your earliest convenience. Well is currently disposing of approximately 450 bbls. produced water/day.

Sincerely,



Roy L. Wheeler, Jr.

XC: District I - Hobbs

Jay Baker

**OIL CONSERVATION COMMISSION**

P. O. BOX 871

**SANTA FE, NEW MEXICO**

**November 13, 1961**

**Dekalb Agricultural Association  
118 Poplar  
Levelland, Texas**

**Gentlemen:**

**Enclosed herewith please find Administrative Order  
SWD-31 for your Byers "A" Well No. 3 located in the SE/4 NW/4  
of Section 7, Township 20 South, Range 38 East, NMPM, Lea  
County, New Mexico.**

**Please note, packer must be set at least 100 feet  
below top of cement outside the 5½-inch casing, not at  
point indicated in application.**

**Very truly yours,**

**A. L. PORTER, Jr.,  
Secretary-Director**

**ALP/JER/og**

**cc: Oil Conservation Commission - Hobbs  
New Mexico Engineer Office - Santa Fe**

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STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

October 27, 1961

ADDRESS CORRESPONDENCE TO:  
STATE CAPITOL  
SANTA FE, N. M.

Mr. A. L. Porter, Jr.  
Secretary-Director  
Oil Conservation Commission  
Santa Fe, N. M.

Dear Mr. Porter:

Reference is made to the application of the DeKalb Agricultural Association which seeks to dispose of salt water through their Byers "A" Well No. 3 in Section 7, Township 20 South, Range 38 East, Lea County, New Mexico.

It is noted that injection will be through tubing and that the packer is set at the exact top of the cement surrounding the long string (5½" casing), it is my opinion and recommendation that the packer should be set at a reasonable distance below the top of the cement. Provided this recommendation is followed, this office offers no objection to the granting of the subject application.

Yours truly,

S. E. Reynolds  
State Engineer

FEI/ma  
cc-DeKalb Agricultural Assoc.  
F. H. Hennighausen

By: *Frank E. Irby*  
Frank E. Irby  
Chief  
Water Rights Division

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

OIL CONSERVATION COMMISSION  
BOX 371  
SANTA FE, NEW MEXICO

DATE Nov. 3, 1961

Re: Proposed NSP           

Proposed NSL           

Proposed NFC           

Proposed DC           

SWD       X      

Gentlemen:

I have examined the application dated 10/26/61  
for the De Kalb Agricultural Assoc. Byers A #3-F 7-20-38  
Operator Lease and Well No. S-T-R

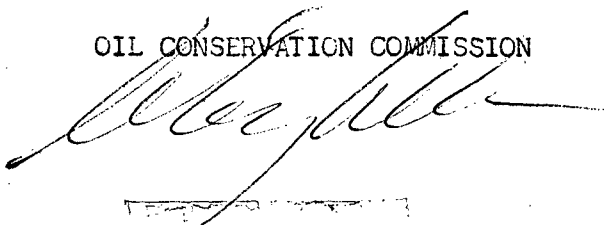
and my recommendations are as follows:

5 12/ stub @ 4663'- C-103 6/9/54--5 1/2 liner 3670-4200 as per C-103 7/10/56--  
therefore, we have open hole from 4200' to 4663'-----E.F.E.

Geologically O.K.--there is no production from the San Andres within a  
2 mile radius----J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION



SWD- 31  
Waiting Period  
Due Date - Nov. 13

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

APPLICATION  
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION  
NOT PRODUCTIVE OF OIL OR GAS

Operator DeKalb Agricultural Assoc. Address 118 Poplar, Levelland, Texas

Lease Byers "A" Well No. 3 County Lea

Unit F Section 7 Township 20 South Range 38 East

This is an application to dispose of salt water produced from the following pool(s):

Skaggs

Name of Injection Formation(s): San Andres

Top of injection zone: 4500' Bottom of injection zone: 4600'

Give operator, lease, well no., and location of any other well in this area using this same zone for disposal purposes: None to my knowledge

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	8-5/8	3721	200	Circulated
Intermediate				
Long String	5-1/2	9225'	600	4000'

Will injection be through tubing, casing, or annulus? tubing

Size tubing: 2-1/2 Setting depth: 4500' Packer set at: 4000'

Name and Model No. of packer: Guiberson "Shorty Tension"

Will injection be through perforations or open hole? Perforations

Proposed interval(s) of injection: 4500 - 4600'

Well was originally drilled for what purpose? Oil & Gas (all sections dry)

Has well ever been perforated in any zone other than the proposed injection zone? Yes

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

9000-9225' w/50 sx; 3575-3600' w/50 sx; 4000-4060' w/50 sx

Give depth of bottom of next higher zone which produces oil or gas: None

Give depth of top of next lower zone which produces oil or gas: None

Give depth of bottom of deepest fresh water zone in area: 200-250'

Expected volume of salt water to be injected daily (barrels): 30 Bls.

Will injection be by gravity or pump pressure? gravity Estimated pressure: 0

Is system open or close type? close Is filtration or chemical treatment necessary? No

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

List all offset operators to the lease on which this well is located and their mailing address

Cities Service Petroleum Co., P. O. Box 97, Hobbs, New Mexico

Wolfson Oil Company, 1222 Davis Bldg., Dallas, Texas

The Texas Company, P. O. Box 728, Hobbs, New Mexico

Bill L. Sweet, P. O. Box 1115, Hobbs, New Mexico

Tidewater Oil Company, P. O. Box 547, Hobbs, New Mexico

Amerada Petroleum Corporation, P. O. Drawer D, Monument, New Mexico

Name and address of surface owner Dalton Bell, P. O. Box 227, Monument, N. Mex

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? Yes

Is a complete electrical log of this well attached? No log available

Operator: DEKALB AGRICULTURAL ASSOC., INC.

By: W. V. Haggard

Title: District Superintendent

STATE OF NEW MEXICO )

) ss.

County of LEA )

BEFORE ME, The undersigned authority, on this day personally appeared W. V. Haggard known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the 26 day of October, 19 61.

Roberta L. Summers  
Notary Public in and for the County of Lea

May 25, 1964

My Commission Expires

NOTE:

Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

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