

**CABOT CORPORATION**

P. O. BOX 1101, PAMPA, TEXAS 79065

OIL AND GAS
DIVISIONCABLE ADDRESS "CABLAK" PAMPA
PHONE 669 - 2581 (AREA CODE 806)

PERCY C. O'QUINN

SWD - 173
10/10/75

October 3, 1975

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Subject: Proposed SWDW
Howard Fleet #1
Sec. 35-13S-37E
Lea County, New Mexico

Gentlemen:

We have submitted the following information for your information and approval on our proposed Howard Fleet #1 SWDW. This well will be a replacement SWDW for our Howard Fleet #4 SWDW, which has been plugged and abandoned.

1. Form C-108 in triplicate
2. Location Plat in duplicate
3. Electrical Log - one copy
4. Diagrammatic sketch of proposed injection well in triplicate

We propose to dispose salt water into the San Andres formation 5708-5907' at a rate of approximately 2500 barrels a day, this water is produced from our producing oil wells in this area.

Very truly yours,

CABOT CORPORATION

Ray Wooldridge
Ray Wooldridge

RW:df
Encl.

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 7, 1975

Cabot Corporation
P. O. Box 1101
Pampa, Texas 79065

Re: Administrative Order SWD-173

Gentlemen:

Enclosed herewith please find Administrative
Order SWD-173 for the following described well:

Howard Fleet Well No. 1,
located in Unit I of
Section 35, Township 13
South, Range 37 East,
NMPM, Lea County, New Mexico.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/CU/og

cc: Oil Conservation Commission - Hobbs
Oil & Gas Engineering Committee - Hobbs
Commissioner of Public Lands - Santa Fe
OCC - Well File

OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

November 1, 1973

Calor Corporation
P. O. Box 1131
Baton Rouge, Louisiana 70802

Re: Administration Order SW-173

Gentlemen:

Enclosed herewith please find Administrative Order SW-173 for the following described well:

Howards, John, Well No. 1,
located in Lot 1 of
Section 36, Township 13
South, Range 37 East,
NMP, DeWitt County, New Mexico.

Very truly yours,

JOE D. RAMLEY
Secretary-Director

JDRE/for

cc: Oil Conservation Commission - Hobbs
Oil & Gas Engineering Committee - Hobbs
Commissioner of Public Lands - Santa Fe
CCC - Well File

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Cabot Corporation		ADDRESS P. O. Box 1101, Pampa, Texas 79065	
LEASE NAME Howard Fleet	WELL NO. 1	FIELD King	COUNTY Lea
LOCATION UNIT LETTER I ; WELL IS LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 35 TOWNSHIP 13-S RANGE 37-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13-3/8"	353 Gr.	400	Surface	Circulation
INTERMEDIATE	8-5/8"	4587 Gr.	2500	Surface	Circulation
LONG STRING	4-1/2"	5708 Gr.	200	5218	Cement Bond Log
TUBING	2-3/8"	5603 Gr.	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "D"		

NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4530'	BOTTOM OF FORMATION 6020'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Open hole	PROPOSED INTERVAL(S) OF INJECTION 5708-5907'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production		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
12,518'; CI Bridge Plug at 11,032' with 1 sack cement on top; 10,708-11,027'; Filled with 9.5# Mud

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Approximately 300'	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None
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ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 2000	MINIMUM 2000	MAXIMUM 3500	OPEN OR CLOSED TYPE SYSTEM closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1300#
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE -			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Mr. W. T. Reed, 10143 Buckwood Dr., El Paso, Texas 79925
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LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Kerr-McGee Corporation, Kerr-McGee Building, Oklahoma City, Oklahoma 73102
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HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER Yes	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	THE NEW MEXICO STATE ENGINEER No
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA Yes	ELECTRICAL LOG Yes	DIAGRAMMATIC SKETCH OF WELL Yes

I hereby certify that the information above is true and complete to the best of my knowledge and belief.


(Signature)

(Title)

October 3, 1975
(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well. not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

13³/₈" SURFACE CASING SET
AT 353' GROUND. CEMENTED
W/ 400 SKS.

8⁵/₈" INTERMEDIATE CSG. SET
AT 4587' GROUND. CEMENTED
W/ 2500 SKS.

4¹/₂" CASING HANGER AT 4400'

2³/₈" TUBING

TOP OF CEMENT 5218'

BAKER MODEL "D" PACKER
SET AT 5600'

4¹/₂" LINER SET AT 5708'
CEMENTED W/ 200 SKS.


OPEN HOLE 5708' TO 5907'
SAN ANDRES FORMATION

25 SKS. CMT.
PLUG

TOP OF 5¹/₂" CSG. 5907'

50 SKS. CMT.
PLUG

5¹/₂" CSG. SET AT 12,826' GR.
CEMENTED W/ 500 SKS.

	CABOT CORPORATION
HOWARD FLEET #1	
PROPOSED SALT WATER DISPOSAL WELL	

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE Oct. 7, 1975

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD X _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated _____
for the Cabot Corp. Howard Fleet #1-I 35-13-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.W.R.

Yours very truly,

John W. Remy