

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501

May 6, 1975

C
O
P
Y

Skelton Oil Company
P. O. Box 840
Hobbs, New Mexico 88240

Re: Order No. SWD-164

Gentlemen:

Enclosed herewith please find Administrative
Order No. SWD-164 for the following described well:

State Well No. 1 located
in Unit G, Section 2,
Township 14 South, Range
37 East, Lea County.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/CU/og

cc: Oil Conservation Commission
Box 1980
Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR SKELTON OIL CO.		ADDRESS P.O. BOX 840		HOBBS, N.M. 88240	
LEASE NAME STATE		WELL NO. 1	FIELD KING DEVONIAN		COUNTY LEA
LOCATION UNIT LETTER J ; WELL IS LOCATED 1980 FEET FROM THE EAST LINE AND 1980 FEET FROM THE SOUTH LINE, SECTION 2 TOWNSHIP 14 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	336'	CIRCULATED		
INTERMEDIATE	9 5/8	4697'	1620 SKS.		
LONG STRING					
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER NONE		
NAME OF PROPOSED INJECTION FORMATION SAN ANDRES			TOP OF FORMATION 4697'		BOTTOM OF FORMATION 6100'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? 9 5/8 CASING		PERFORATIONS OR OPEN HOLE? OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION 4697' TO 6100'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? NO	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? TESTING DEVONIAN				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 11,053 TO 11,067					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		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	
ANTICIPATED DAILY INJECTION VOLUME (BBL'S.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)
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 -- YES			WATER TO BE DISPOSED OF DEVONIAN	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED? YES
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) HULDA HEIDEL 1018 W. AVE. K. LOVINGTON, NEW MEXICO 88260					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL NONE					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	
		YES		NONE	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL	
		YES	YES	YES	

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

J. D. Skelton
(Signature)

Owner operator
(Title)

4-15-75
(Date)

NOTE: Should waivers from 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.

REMOVED

10-1-1942

U.S. GOVERNMENT PRINTING OFFICE
1940, O. C.

HALLIBURTON DIVISION LABORATORY

HALLIBURTON COMPANY
LOVINGTON, NEW MEXICO

LABORATORY WATER ANALYSIS

No. W75-263To General Petroleum CompanyDate 4-7-75Box 840Hobbs, New Mexico

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. 4-7-75Well No. State A #1

Depth _____

Formation _____

County _____ Field E. of McDonald

Source _____

	First of Swab	Middle of Swab	
Resistivity	0.095 @ 74° F.	0.099 @ 74° F.	
Specific Gravity	1.065	1.062	
pH	6.7	6.6	
Calcium (Ca)	5,000	4,600	*MPL
Magnesium (Mg)	300	420	
Chlorides (Cl)	55,000	51,000	
Sulfates (SO ₄)	2,250	2,300	
Bicarbonates (HCO ₃)	405	365	
Soluble Iron (Fe)	90	50	
.....			
.....			
.....			

Remarks:

*Milligrams per liter

Respectfully submitted,

Analyst: Brewer

cc:

HALLIBURTON COMPANY

By _____

W. L. Brewer

CHEMIST

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable for any loss or damage, whether it be to act or omission, resulting from such report or its use.

RECEIVED

APR 1 1961

U.S. CONSERVATION COMMISSION
WASHINGTON, D. C.

SKELTON OIL COMPANY

P. O. Box 840 • (505) 393-6621

HOBBS, NEW MEXICO 88240

STATE 1
KING-DEVONIAN
LEA COUNTY, NEW MEXICO
1980 FS+EL
SEC 2 T.14S R37E



9 5/8 CEMENTED W 1620 SX CEMENT

9 5/8 CASING SET FROM SURFACE
TO 4697'

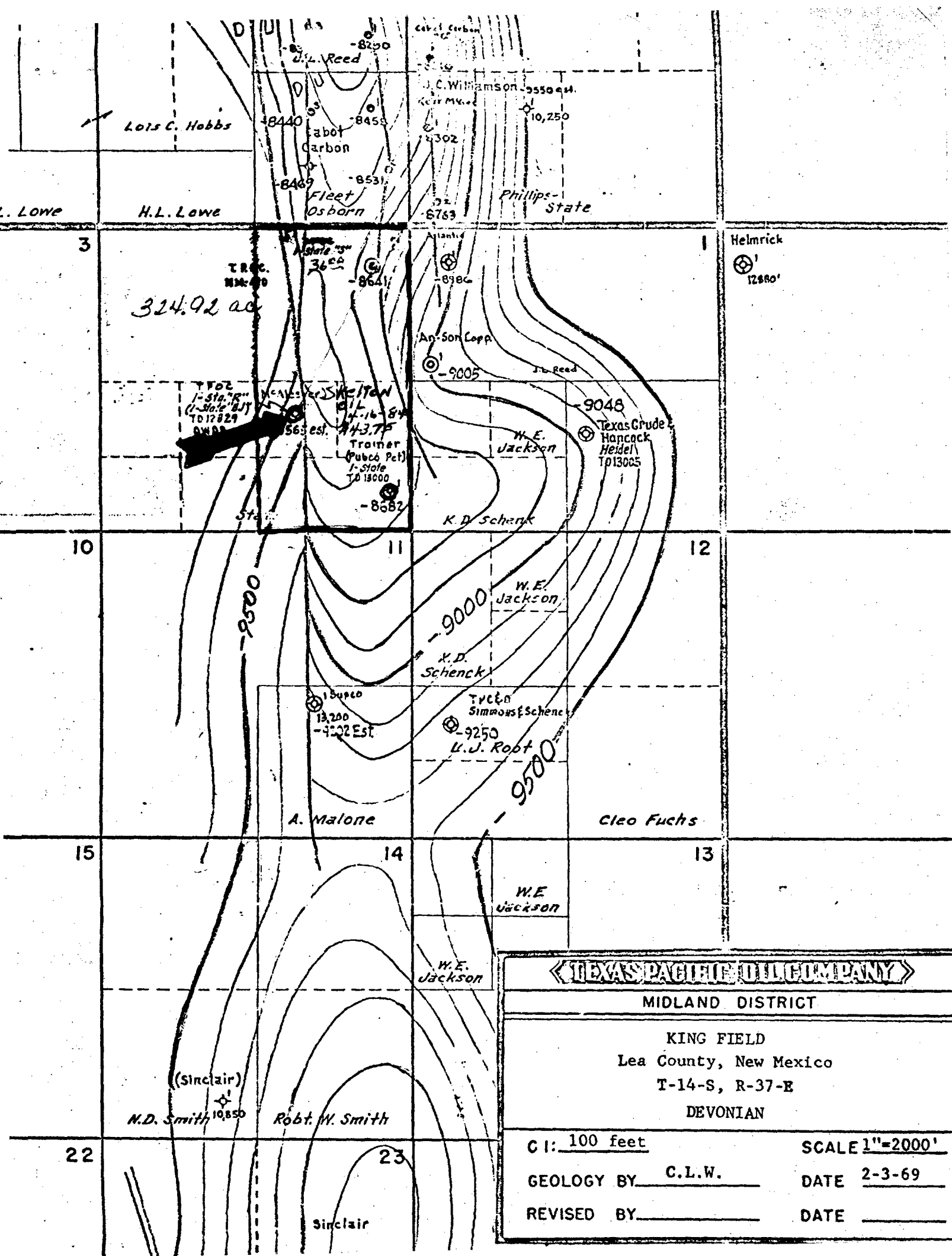
OPEN
HOLE

50 SX CEMENT PLUG @ 6100'

RECEIVED

APR 1 1973

OIL CONSERVATION COMM.
LOBBS, N. M.



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APR 1 1976

**OIL CONSERVATION COMM.
HOBBBS, N. M.**

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section..

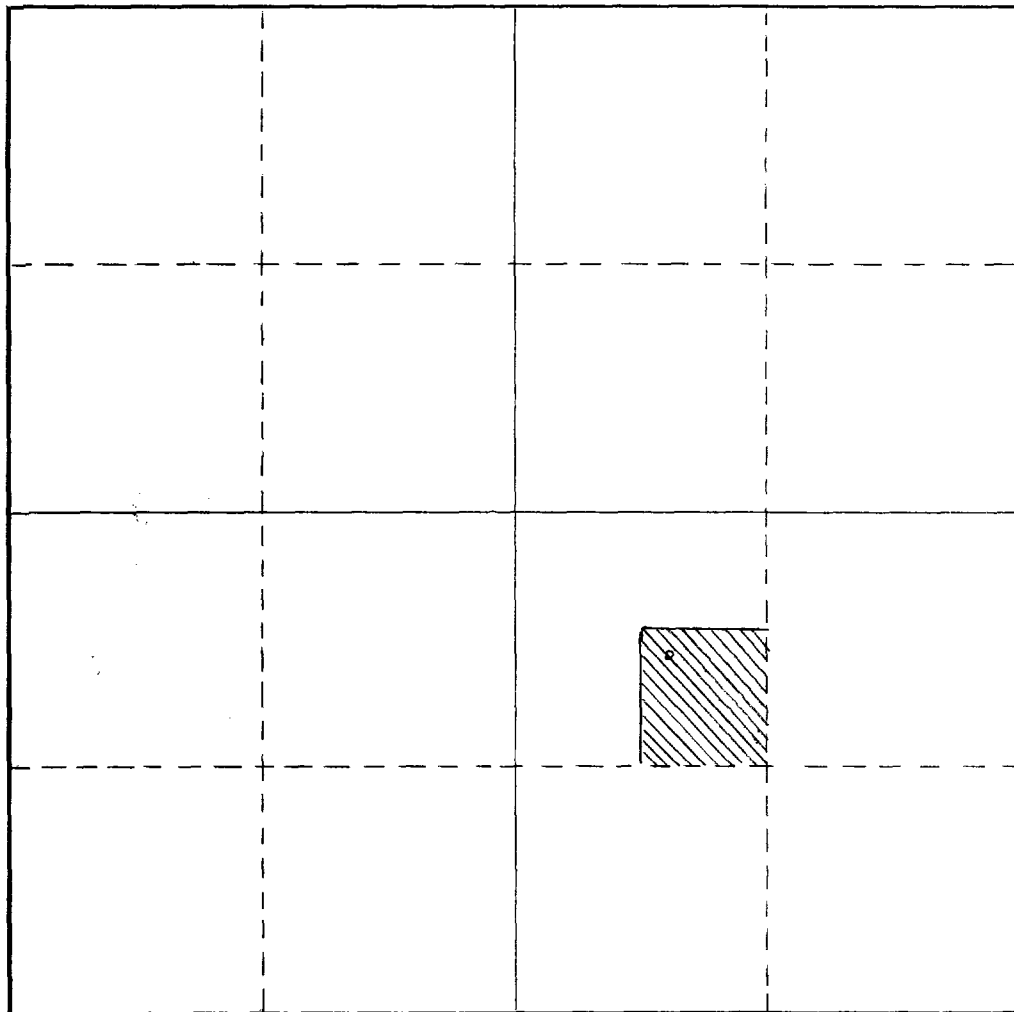
Operator SKELTON OIL COMPANY			Lease STATE OF NEW MEXICO "R"		Well No. 1
Unit Letter J	Section 2	Township 14 S	Range 37 E	County LEA	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3839	Producing Formation DEVONIAN		Pool KING	Dedicated Acreage: 41.43 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) **STATE LAND**

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name
T. D. SKELTON
Position
OWNER-OPERATOR
Company
SKELTON OIL CO.
Date
4-15-75

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer
and/or Land Surveyor _____

Certificate No. _____

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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APR 1 1976

CAL CONSERVATION COMM.
HOBBS, N. M.

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 17, 1975

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

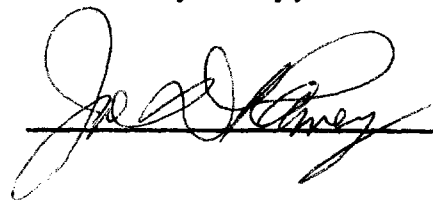
Gentlemen:

I have examined the application dated _____
for the Skelton Oil Co. State #1-J 2-14-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K. for injection provided it is through coated tubing below a packer, not
down casing as requested---J.D.R.

Yours very truly,



4/21/75. Called Skelton. Discussed. They say
for you to be OK. to put well through casing
and, if satisfactory, will then be able to go on.

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 17, 1975

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

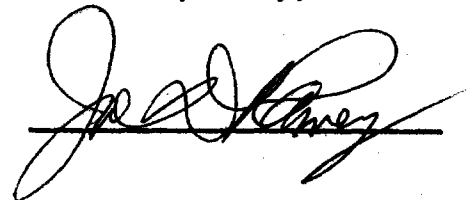
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and my recommendations are as follows:

O.K. for injection provided it is through coated tubing below a packer, not
down casing as requested---J.D.R.

Yours very truly,



4/21/75: I called Skelton on this. They say
Joe gave them an O.K. to test well through casing
and, if satisfactory, will then run tubing. cu