

OIL CONSERVATION COMMISSION  
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 8-22-77

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD ✓ \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Carl Elvarg

Gentlemen:

I have examined the application dated 8-16-77  
for the Basin Inds, Inc. Slick #1 0-7-20N-54  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

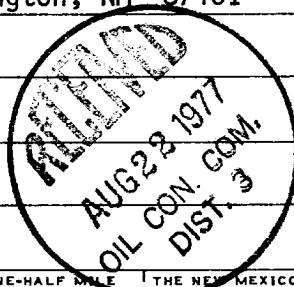
In the absence of objection from offset operators  
approve the application subject to injection  
pressure limitation based on the  
current policy.

Yours very truly,

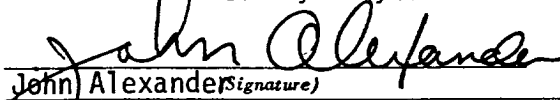
MR. Kendrick

## NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Basin Fuels, Inc.		ADDRESS Suite 300, 300 West Arrington, Farmington, NM			
LEASE NAME Slick	WELL NO. 1	FIELD Franciscian Lake Mesa Verde	COUNTY McKinley		
LOCATION UNIT LETTER <u>0</u> ; WELL IS LOCATED <u>660'</u> FEET FROM THE <u>south</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> LINE, SECTION <u>7</u> TOWNSHIP <u>20N</u> RANGE <u>5W</u> NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8 5/8	94	60	surface	circulation
INTERMEDIATE	N/A				
LONG STRING	4 1/2	2815	350	1300	cement bond log
TUBING	2 3/8	1850	NAME, MODEL AND DEPTH OF TUBING PACKER Baker set @ 1850		
NAME OF PROPOSED INJECTION FORMATION Mesa Verde		TOP OF FORMATION 1930		BOTTOM OF FORMATION 2900' +	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? tubing		PERFORATIONS OR OPEN HOLE? perforations		PROPOSED INTERVAL(S) OF INJECTION 1948-2755	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? no		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? production		HAS WELL EVER BEEN PERFORATED IN A ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA none		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA none		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 4000'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 700	MINIMUM 700	MAXIMUM 2000	OPEN OR CLOSED TYPE SYSTEM closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure	APPROX. PRESSURE (PSI) 1000
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) Bill Chiquito, Pueblo Alto Trading Post, Cuba, New Mexico 87013					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Basin Fuels, Inc., Suite 300, 300 West Arrington, Farmington, NM 87401					
					
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 yes
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.

  
John Alexander (Signature)

Agent

(Title)

8-16-77

(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.

# 3E COMPANY, INC.

*Engineering • Energy • Exploration*

P. O. Box 190      —:—      505/327-4020

FARMINGTON, NEW MEXICO 87401

August 16, 1977

New Mexico Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87501

Attention: Joe D. Ramey  
Secretary - Director

RE: Basin Fuels, Inc.  
Salt Water Disposal  
Franciscian Lake Mesa Verde  
McKinley County, New Mexico

Dera Sirs:

Please accept this letter as an application to inject produced water for salt water disposal in the subject field. We ask that this application be expedited so that Basin Fuels may be in compliance with Federal Regulation NTL-2B. Since only Basin Fuels has producing wells within two miles of the injector, they should be the only operator to be damaged or benefit from such injection.

Points of the application are as follows:

1. The attached plat shows all locations within a two mile radius of the injection well. All of these wells belong to Basin Fuels, Inc.
2. A xerox copy of the log from Slick #1, 1980' FEL & 660' FSL, Sec 7, T20N, R5W, is attached.
3. A diagrammatic sketch of the proposed injection well showing all casing, perforations, cement tops and packer depths is attached.
4. Water will be injected in the Franciscian Lake Mesa Verde formation at perforations between 1948' and 2755'. Approximately 2000 barrels per day will ultimately be injected with an initial injection of 700 barrels per day. Injection water will come from producing wells completed in the same foramtion, all belonging to Basin Fuels.

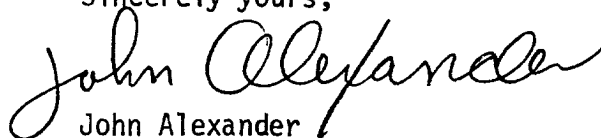


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5. Form C-108 is attached.

Please notify us, as agents for Basin Fuels, Inc., if you require further information, or if there is some problem in the method we have proposed.

Sincerely yours,

  
John Alexander

JA:st

Attachments