

NEW MEXICO OIL CONSERVATION COMMISSION

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

APR 13 1973

OPERATOR Yates Petroleum Corporation		ADDRESS 207 So. Fourth, Artesia, N.M. 88210	
LEASE NAME Williamson BC	COUNTY Eddy	FIELD Burton Delaware	
LOCATION			
UNIT LETTER P	WELL IS LOCATED 660	FEET FROM THE South	LINE AND 660
FEET FROM THE East	LINE, SECTION 7	TOWNSHIP 20S	RANGE 29E

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	9-5/8	400	200	Surface	Circulated
INTERMEDIATE	7	2730	300	Surface	Circulated
LONG STRING Liner	4-1/2"	3350	65	2644'	Pack off
TUBING	2-3/8	3205	NAME, MODEL AND DEPTH OF TUBING PACKER @3177		

NAME OF PROPOSED INJECTION FORMATION Delaware	TOP OF FORMATION 3170	BOTTOM OF FORMATION 3242
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing	PERFORATIONS OR OPEN HOLE? Slotted csg	PROPOSED INTERVAL(S) OF INJECTION 3188 and 3228
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Producer - depleted	HAS WELL EVER BEEN PERFORATED IN ANY 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 reported by drlr.	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 1130	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None encountered.
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ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 5	MINIMUM 35	MAXIMUM 35	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity (& 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)
Federal

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL
Yates Petroleum Corporation, 207 So. Fourth, Artesia, N.M.

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.

Eddie M. Madeford
(Signature)

Engineer
(Title)

April 12, 1973
(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.

N. M. O. C. C. COPY.

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APR 17 1973

P. O. Drawer U
Artesia, New Mexico 88210

O. C. C.
ARTESIA, OFFICE

April 16, 1973

Yates Petroleum Corporation
207 South Fourth Street
Artesia, New Mexico 88210

Gentlemen:

Your Notice of Intention of April 12, 1973 requests approval to convert and operate as a waste water disposal well your No. 1 Williamson "BC" on oil and gas lease New Mexico 01165, located 660/S&E sec. 7, T. 20 S., R. 29 E., N.M.P.M., Eddy County, New Mexico by injecting produced waste water into the Delaware formation at an interval of 3189-3228. This request as outlined in the application is hereby approved subject to approval by the New Mexico Oil Conservation Commission and the following:

1. If off-lease waters are to be included in the disposal system, a special land use permit to operate this well as such must be secured from the Bureau of Land Management prior to disposing of any such waters.
2. Where applicable and required, right-of-way permits for pipe lines from other leases must be secured from the Bureau of Land Management or other owners prior to laying of any such gathering lines.
3. The usual Sundry Notice and Report (form 9-331 in quintuplicate) must be filed with this office prior to commencing this project or any further workover, treatment, suspension of operation, or change of status of this well.
4. Plans or diagrams will be submitted to this office to indicate size, description, and location of all installations such as injection plant, treating plant, storage facilities, emergency water pits, or other necessary use of the surface for this project.

5. A monthly injection report (N.M.O.C.C. form C-120-A acceptable) will be submitted to this office in duplicate.
6. Prior approval will be obtained for any change or deviation from the original plans or revision thereof.

Sincerely yours,

~~W. A. K. JAMES A. KNSUF~~
James A. Knsuf
District Engineer

cc:
Roswell/Attachment

Memo

From

J. E. KAPTEINA
ENGINEER

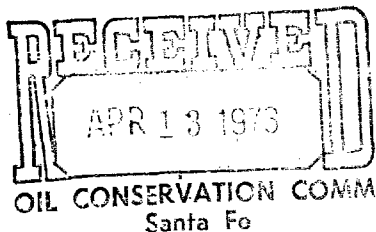
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To

Please file in accordance with Rule 701 C including Form C-108 and plat showing location of well and the location of all other wells within a radius of two miles and indicate the formation the wells are producing from.

Have the USGS submit letter of approval to the Commission

JEK



Mr. Kapteina:

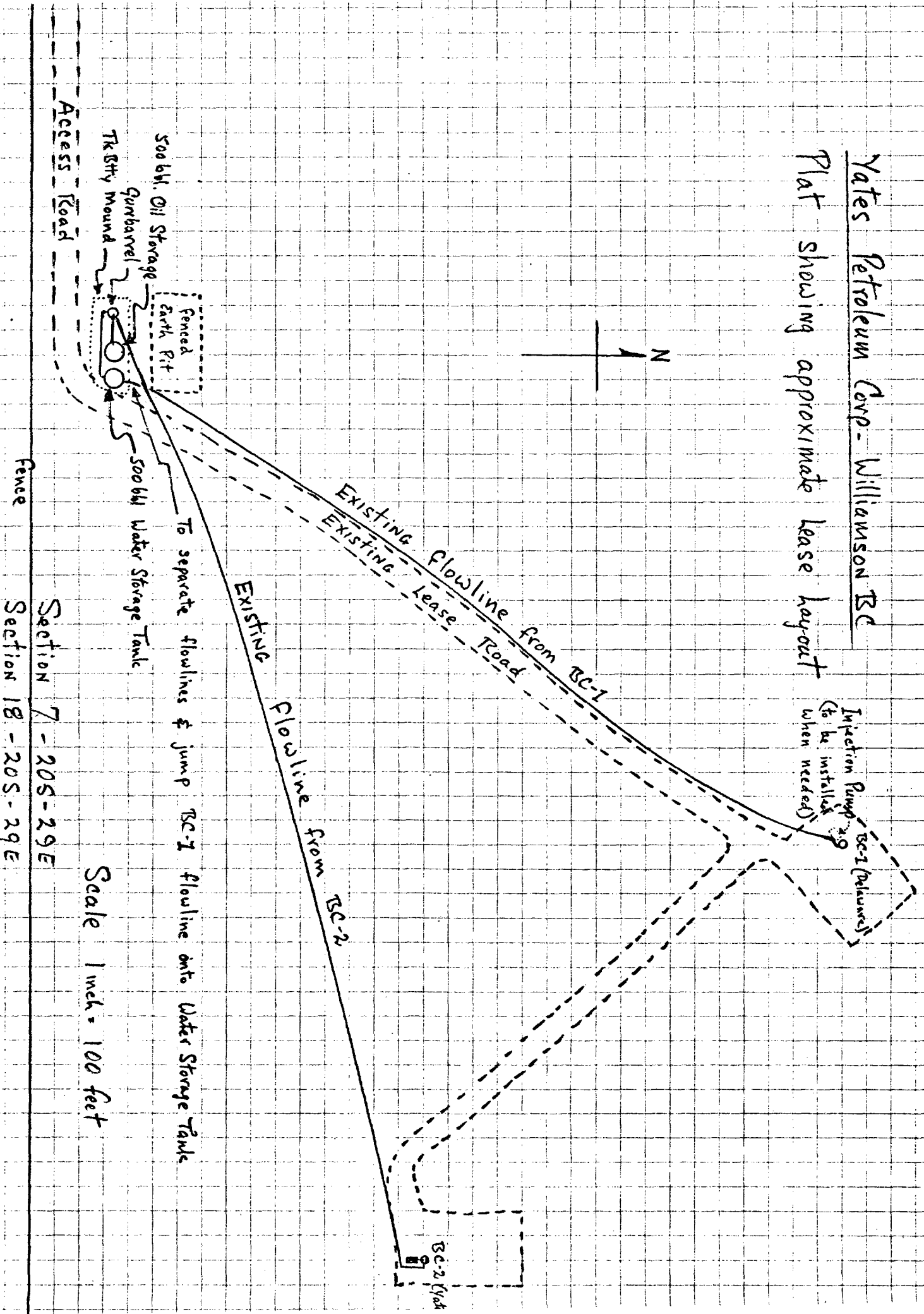
We are re-submitting this application for your approval. We have attached Form C-108. Mr. Knauf, USGS, will submit a letter of approval to the OCC, also, we have filed Form 9-331 with the USGS.

Please advise if other information needed. Thank you.

Juanita Goodlett
Juanita Goodlett
Secretary

Yates Petroleum Corp - Williamson TRC

Plat showing approximate lease layout



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1973-07-23
THE UNIVERSITY

UNITED STATES GOVERNMENT
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER **Salt Water Disposal Well**

2. NAME OF OPERATOR
Yates Petroleum Corporation

3. ADDRESS OF OPERATOR
207 So. 4th Street, Artesia, N.M. 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
660 FSL 660 FEL of Section 7

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3262 GR

5. LEASE DESIGNATION AND SERIAL NO.
01165

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Williamson BC

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Burton-Delaware

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
Unit P, Sec. 7-20S-29E

12. COUNTY OR PARISH
Eddy

13. STATE
N. Mex.

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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data.

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) Convert to injector <input checked="" type="checkbox"/>			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to pull rods and pump, set 2-3/8" tubing on packer at 3177' and inject produced water from this lease into Delaware perforations for disposal. Anticipate disposal on gravity but may have to pump at pressure not to exceed 1000 psi. Annulus will be filled with inhibited fresh water. Existing flow lines and installation will be utilized and no additional space required. Plat of area attached showing environment impact.

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 EDDY COUNTY
 N. MEX.
 100

18. I hereby certify that the foregoing is true and correct

SIGNED Eddie M. Kalyan TITLE Engineer DATE April 12, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION
Artesia DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 4-23-73

Re: Proposed ~~NOP~~ SWD

Proposed ~~NWU~~ _____

Proposed ~~NEL~~ _____

Proposed ~~NFO~~ _____

Proposed DC _____

Gentlemen:

I have examined the application dated April 4, 1973
for the Yates Petco Corp. Williamson BC #1-P-7-20-29
Operator Lease and Well No. S-T-R

and my recommendations ~~are~~ as follows:

Approval

Yours very truly,

W. R. Gussett