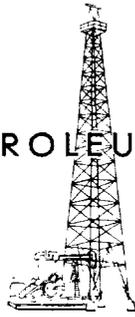


TAMARACK PETROLEUM COMPANY, INC.



910 BANK OF THE SOUTHWEST BLDG
MIDLAND TEXAS 79701

January 6, 1969

TELEPHONE: MUTUAL 3-5474

21 13 114
JAN 13 1969
W-4041

New Mexico Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico

Attention: Mr. D. S. Nutter
Chief Engineer

Gentlemen:

Please consider this an application to convert to salt water disposal our Texaco Moran Well No. 2, located in Unit H, Sec. 22, T19S, R35E, Pearl Queen Field, Lea County. Injection will be into the Queen Sand Formation through perforations from 4955' to 4960' and from 5025' to 5030'.

We are presently in the process of unitizing this area for secondary recovery and this well will be a water injection well at that time; however, we propose to use the well for salt water disposal in the meantime.

Very truly yours,

Albert G. Metcalfe

AGM:mc

DOCKET

Date 1-23-69



OFFICE PHONE MU 4-8861
RESIDENCE PHONE MU 4-8818

JOHN H. HENDRIX
OIL PRODUCER
316 CENTRAL BUILDING
MIDLAND, TEXAS 79701
January 28, 1969

New Mexico Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico

Re: Docket No. 4-69
Case 4041
Tamarack Petroleum Co., Inc.

Attention: Mr. Daniel S. Nutter, Examiner

Gentlemen:

Please refer to Case 4041 to be heard at the Examiner Hearing on February 5, 1969. I am the owner of an undivided 1/8 mineral interest in and under the E/2 of the NE/4 of Section 22, T19S, R35E, Lea County, New Mexico. As such I have an economic interest in the Tamarack Texaco Moran Well No. 2, located in Unit H of Section 32. Based on a careful evaluation of Tamarack's proposed injection well, on the operation and performance of Shell's offsetting East Pearl Queen Unit, the respective perforated intervals of area wells and former operations by Earl G. Colton, it is my opinion that conversion of the No. 2 Well, alone and in its present condition, to water disposal status will violate the correlative rights of all mineral owners under the subject lease and further will result in continued economic waste. Listed below are three reasons that my correlative rights will be violated if the NMOCC allows injection into the No. 2 Well in its present condition.

1. The proposed injection, having no back-up injection wells, will simply push a majority of the oil and gas from subject lease to offsetting leases that are operated, in part, by Tamarack, while this would possibly not adversely affect Tamarack, the mineral interest owners under the lease would not receive their fair portion of the oil. This unjust situation could easily be remedied by full expansion of Shell's existing injection pattern to provide for injection wells in Unit P of Section 15 and Units D and L of Section 23 together with the subject well.
2. Shell Oil Company has provided nomenclature that identifies the various Queen formation zones. Correlative zones of porosity are open in the Shell flood that for some reason have not been perforated in the Tamarack wells.

CLASS OF SERVICE

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WESTERN UNION TELEGRAM

W. P. MARSHALL
CHAIRMAN OF THE BOARD

R. W. MCFALL
PRESIDENT

SYMBOLS

DL=Day Letter

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The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

LA143 NSB697

NS MDA117 LONG NL PD=MIDLAND TEX 4
NEW MEXICO OIL CONSERVATION COMMISSION ^{1969 FEB 4} BEFORE 8:30AM=
ATTN DANIEL S NUTTER STATE LAND OFFICE BLDG SANTA
FE NMEX=

IT IS RESPECTFULLY REQUESTED THAT THE FOLLOWING BE MADE A PART OF THE RECORD IN DOCKET NO. 4-69, CASE NO. 4041:
MR. JOHN H HENDRIX A MINERAL INTEREST OWNER UNDER THE E/2 NE/4 OF SECTION 22, T19S, R35E, LEA COUNTY, NEW MEXICO OBJECTS TO THE GRANTING OF TAMARACK PETROLEUM'S APPLICATION FOR THE USE OF WELL NO. 2, UNIT H, FOR THE DISPOSAL OF WATER FROM ADJOINING LEASES AND OTHER LEASES IN THE AREA FOR THE FOLLOWING REASONS: (1) THE DISPOSAL

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WESTERN UNION TELEGRAM

W. P. MARSHALL
CHAIRMAN OF THE BOARD

R. W. McFALL
PRESIDENT

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1969 FEB 4 PM 6 27

[OF SALT WATER IN THE PRODUCTIVE QUEEN FORMATION
UNUTILIZING ONE WELL WITHOUT BACKUP, OR A REGULAR
WATERFLOOD PATTERN, AND IN THE LARGE VOLUMES ANTICIPATED
WILL RESULT IN THE WATERING OUT OF THE PRODUCTIVE
INTERVAL UNDER THIS TRACT, THEREBY INCURRING WASTE AND
DENYING MR. HENDRIX HIS FAIR SHARE OF THE OIL IN PLACE
IN VIOLATION OF HIS CORRELATIVE RIGHTS. (?)

THE GRANTING OF THIS APPLICATION WILL PERMIT APPLICANT
TO BRING "OF-LEASE" WATER INTO THE PREMISES FOR THE
DISPOSAL PURPOSES, THEREBY SANCTINING AN UNUATHORIZED
USE OF THE MINERAL ESTATE, INFRINGING MR. HENDRIX'S
PROPERTY RIGHTS=

[MICHAEL L KLEIN ATTORNEY FOR PROTESTANT JOHN H HENDRIX=

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

W. P. MARSHALL
CHAIRMAN OF THE BOARD

TELEGRAM

R. W. MCFALL
PRESIDENT

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1969 FEB 4 PM 6 27

4-69 404 E/2 NE/4 22 T19S R35E 2 (1) (2) •

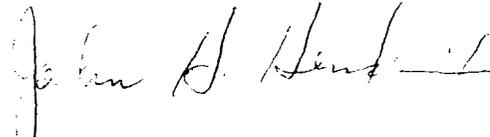
Page No. 2
New Mexico Oil Conservation Commission
January 28, 1969

3. It is quite possible that Tamarack no longer holds valid leases on the subject mineral interest. You will notice that no production was reported to the NMOCC during the months of June and July of 1968. Possibly the lease has expired due to lack of production.

Due to violation of my correlative rights I strongly oppose Tamarack's application as it now stands. However, (1) Should Tamarack agree to expand the injecting pattern so as to prevent loss from the subject lease and (2) should they agree to perforate intervals in the No. 1 and No. 2 wells that are correlative with zones presently open in the Shell flood in which case a bona fide and valid waterflood would be in operation, with the economic and correlative right of the mineral owner as well as the working interest owners would be fully protected.

I would certainly appreciate your consideration of my position and that of the other mineral owners when this case comes before you. Thank you very much. Please read this letter into the record if possible.

Very truly yours,



John H. Hendrix

JHH/kw

cc: W. J. Moran Estate
1200 Oil & Gas Bldg.
Wichita Falls, Texas

Mr. J. Edgar Hoover, Director
 Federal Bureau of Investigation
 Washington, D.C.

62-1375

Admission, Texas

From: Mr. Albert Hester

Pearl

Class

Jobot State # 2

Work Hours			6.1	1.371	65
	74,600	3,215		15,200	6,450
	14,400	720		136	2
	6,450	532		300	13
	Not Determined			0	--

1947-1948
 (Total)

	1	2	3	4	5	6	7	8	9	10	11	12

Calculated Reactivity -- 0.42 at 68°F

George H. Greer, Jr.

re: Laboratory - Johns Station

BEST AVAILABLE COPY

ILLEGIBLE

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

OPERATOR Tamarack Petroleum Company, Inc.		ADDRESS 910 Building of the Southwest, Midland, Texas	
LEASE NAME Texaco-Moran	WELL NO. 2	FIELD Pearl Queen	COUNTY Lea
LOCATION UNIT LETTER II ; WELL IS LOCATED 1650 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 22 TOWNSHIP 19S RANGE 35E NMPM, Lea			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8	192	100	Circulated	--
INTERMEDIATE	None				
LONG STRING	4-1/2	5087	150	3567	Calculated
TUBING	2-3/8	4880	NAME, MODEL AND DEPTH OF TUBING PACKER Halliburton R-4 packer at 4880'		

NAME OF PROPOSED INJECTION FORMATION Queen Sand		TOP OF FORMATION 4517'	BOTTOM OF FORMATION 5087'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing	PERFORATIONS OR OPEN HOLES? Perforations	PROPOSED INTERVAL(S) OF INJECTION 4954-58' and 5027-29'	
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 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

4838-42' squeezed with 1500 sx.

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 120'	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 None	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 500	MINIMUM 700	MAXIMUM 700	
OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1500	
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? Yes

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)
Linam Estate, Box 743, Hobbs, New Mexico 88240

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL
Shell Oil Company, Box 1509, Midland, Texas 79701

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) Vice-President (Date) January 30, 1969

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.

CASE NO. 400

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 18, 1969

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Dear Mr. Kellahin:

Reference is made to Commission Order No. R-3674, recently entered in Case No. 4041, authorizing Tamarack Petroleum Company, Inc., to utilize its Texaco Moran Well No. 2 located in Unit H of Section 22, Township 19 South, Range 35 East, Pearl-Queen Pool, Lea County, New Mexico, for salt water disposal.

You will note that the order limits the disposal of more than 350 barrels per day into said well to a maximum of 60 days.

It is our understanding that at the present time Tamarack plans to dispose of approximately 700 barrels per day into this well, but that they will soon decide on another well which, like the subject well, will ultimately fit into the proposed waterflood injection pattern; and that they will, upon receipt of approval from this Commission dispose of approximately one-half of the produced water into this second well within the next 60 days.

Please advise when this second well has been selected, and we will be happy to set it for hearing on our soonest available examiner docket.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/DSM/ix

cc: Oil Conservation Commission - Hobbs, New Mexico

Mr. John Hendrix - Midland, Texas

State Engineer Office - Santa Fe, New Mexico



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

GOVERNOR
DAVID F. CARGO
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

February 11, 1969

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Re: Case No. 4041
Order No. R-3674

Applicant:
Tamarack Petroleum Company

Dear Sir:

Enclosed herewith is a copy of the above-referenced Commission order recently entered in the subject case. Letter pertaining to conditions of approval and maximum allowable to follow.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC _____
Aztec OCC _____
State Engineer _____

Other Mr. John H. Hendrix