



00238216



SINCLAIR OIL & GAS COMPANY

501 LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203

RECEIVED

JAN -4 1968

COLO. OIL & GAS CONS. COMM.

January 2, 1968

WESTERN REGION

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO
Room 237, Columbine Building
1845 Sherman Street
Denver, Colorado 80203

Re: Application for Permission to
Dispose of Water Underground in
West Padroni Field, Logan County,
Colorado, in "J" Sand Formation
Through W. E. Dickinson, Jr. Well #4

Gentlemen:

Enclosed herewith for filing with the Commission please
find original and two copies of Application of Sinclair Oil &
Gas Company relative to the above captioned matter, together
with original and two copies of Affidavit of mailing.

Very truly yours,

SINCLAIR OIL & GAS COMPANY

C. M. Peterson
C. M. Peterson
General Attorney

CMP:eb
Enclosures

*Write approval letter
DWR 1-19-68*

RECEIVED
JAN -4 1968
COLO. OIL & GAS CONS. COMM.

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

IN THE MATTER OF THE APPLICATION)
OF SINCLAIR OIL & GAS COMPANY FOR) CAUSE NO. _____
PERMISSION TO DISPOSE OF WATER)
UNDERGROUND IN THE WEST PADRONI)
FIELD, LOGAN COUNTY, COLORADO, IN)
THE "J" SAND FORMATION THROUGH ITS) FILE NO. _____
W. E. DICKINSON, JR. WELL NO. 4)

A P P L I C A T I O N

Applicant, SINCLAIR OIL & GAS COMPANY, respectfully shows to the Oil and Gas Conservation Commission of the State of Colorado as follows:

1. Applicant is a Maine corporation duly authorized to transact business in the State of Colorado.

2. Applicant is the owner of valid and subsisting oil and gas leases covering certain lands in the West Padroni Field, Logan County, Colorado, which lands are delineated on Exhibit "A" attached hereto and made a part hereof. Applicant desires and proposes to dispose of water produced with oil from wells in said field by placement into the "J" Sand Formation underlying said lands.

3. The proposed disposal well is Applicant's W. E. Dickinson, Jr. Well No. 4 located 1980 feet from the south line and 660 feet from the west line of Section 6, Township 9 North, Range 52 West, West Padroni Field, Logan County, Colorado. Said well was completed as an "O" Sand producer July 15, 1963. It has been shut in since August 1, 1967 and Applicant proposes to plug back to "J" Sand and complete as a water disposal well as detailed herein.

4. The locations of the disposal well and all oil and gas wells, including abandoned and drilling wells and dry holes, within the area involved are shown and designated on Exhibit "A".

5. The wells in the area involved are producing oil from the "O" Sand Formation, the top of which sand occurs in the disposal well at a depth of approximately 5000 feet from the surface.

6. The water to be disposed of is brackish water which is produced with oil from the "O" Sand reservoir in the West Padroni Field. Such wells are currently producing water at a rate that evaporation pits are inadequate to take and receive all of the produced water from the field. In order to prevent waste and to achieve maximum benefits from subsurface disposal of produced water, Applicant proposes to dispose of said water through perforations in the "J" Sand in the disposal well at depths from 4790 feet to 4820 feet. The wells formerly completed in the "J" Sand reservoir in the West Padroni Field were abandoned in that formation after water- ing out. The estimated rate of injection is 1000 barrels per day.

7. A wire line bridge plug will be set at approximately 4900 feet thus blanking off the present "O" Sand perforations. The casing will be perforated opposite the "J" Sand from 4790 feet to 4797 feet and 4806 feet to 4820 feet. If necessary, the "J" Sand interval will be treated with acid prior to completion. Casing above the bridge plug will be pressure tested to 2000 psi. All proper precautions will be taken to protect oil, gas and fresh water re- sources.

8. The log of the proposed disposal well, which is attached hereto as Exhibit "B" and made a part hereof contains a description of the casing thereof, and also indicates the proposed disposal intervals.

9. The names and addresses of owners of record and other operators of drilling or producing wells within one-half mile of the proposed disposal well are to the best of Applicant's informa- tion and belief as follows:

Sinclair Oil & Gas Company
501 Lincoln Tower Building
Denver, Colorado 80203

W. J. McBride
620 Colorado Building
Denver, Colorado 80202

George Anderman
Patterson Building
Denver, Colorado 80202

Skelly Oil Company
10th Floor
Lincoln Tower Building
Denver, Colorado 80203

Edward Bolland
Petroleum Building
Casper, Wyoming

Harold W. Copeland
3120 - 11th Street
Boulder, Colorado

Lee A. Swedlund
3130 - 24th Street
Boulder, Colorado

Harold Lindbloom and Pauline
F. Lindbloom
University Building
Boulder, Colorado

J. H. McKnight, M.D.
Sterling, Colorado

Paul H. Umbach
Kossler Road
Boulder, Colorado

Arthur E. Sindt
Sterling, Colorado

Violet DuBois
1411 S. 64th Avenue
Omaha, Nebraska

William L. McNear and
Veda McNear
Sterling, Colorado

Simel Oil Co.
Box 11
Sterling, Colorado

Elliff Land Co.
Sterling,
Colorado

Jack L. Mackey and Brenda L.
Mackey
Sterling, Colorado

E. A. Elliff
Sterling,
Colorado

Francis J. Parke and Rose V.
Parke
R. F. D. #2
Sterling, Colorado

W. E. Dickinson, Jr.
Route 2
Sterling, Colorado

Kathryn M. Perkins
1506 N. Jackson
Livingston, Nebraska

10. Applicant has given notice to such owners of record and oil and gas lease operators by mailing copies of this Application to them at the addresses shown in Paragraph 9 as evidenced by an affidavit of mailing attached hereto.

11. Applicant believes and, therefore, alleges that the proposals herein set forth will be in the interests of conservation, will prevent waste and protect correlative rights, and that the Commission should enter its order approving the proposed water disposal program as applied for herein.

WHEREFORE, Applicant prays that this matter be approved administratively in accordance with the provisions of Rule 326 of the Colorado Oil and Gas Conservation Commission Rules of Practice and Procedure. If for any reason this Application cannot be approved administratively, that this matter be set for hearing, that notice thereof be given as prescribed by law and the rules of the Oil and Gas Conservation Commission of the State of Colorado, and that upon such hearing this Commission enter its

order approving the water disposal program herein described, including the conversion of Applicant's W. E. Dickinson, Jr. Well No. 4 to a water disposal well in the "J" Sand Formation.

SINCLAIR OIL & GAS COMPANY

By C. M. Peterson
C. M. Peterson
Attorney for Applicant

STATE OF COLORADO :
City and County of Denver : SS:

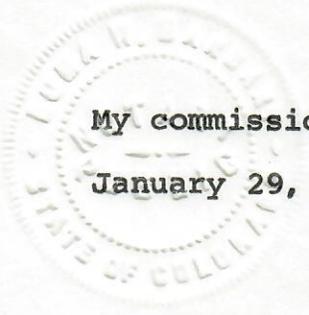
C. M. Peterson, being first duly sworn on oath, states that he is the Attorney for Applicant, Sinclair Oil & Gas Company; that he has read the foregoing Application; and that the matters and things therein contained are true of his own knowledge.

C. M. Peterson
C. M. Peterson

Subscribed and sworn to before me this 2nd day of January, 1968.

E. W. Barbary
Notary Public

My commission expires:
January 29, 1969

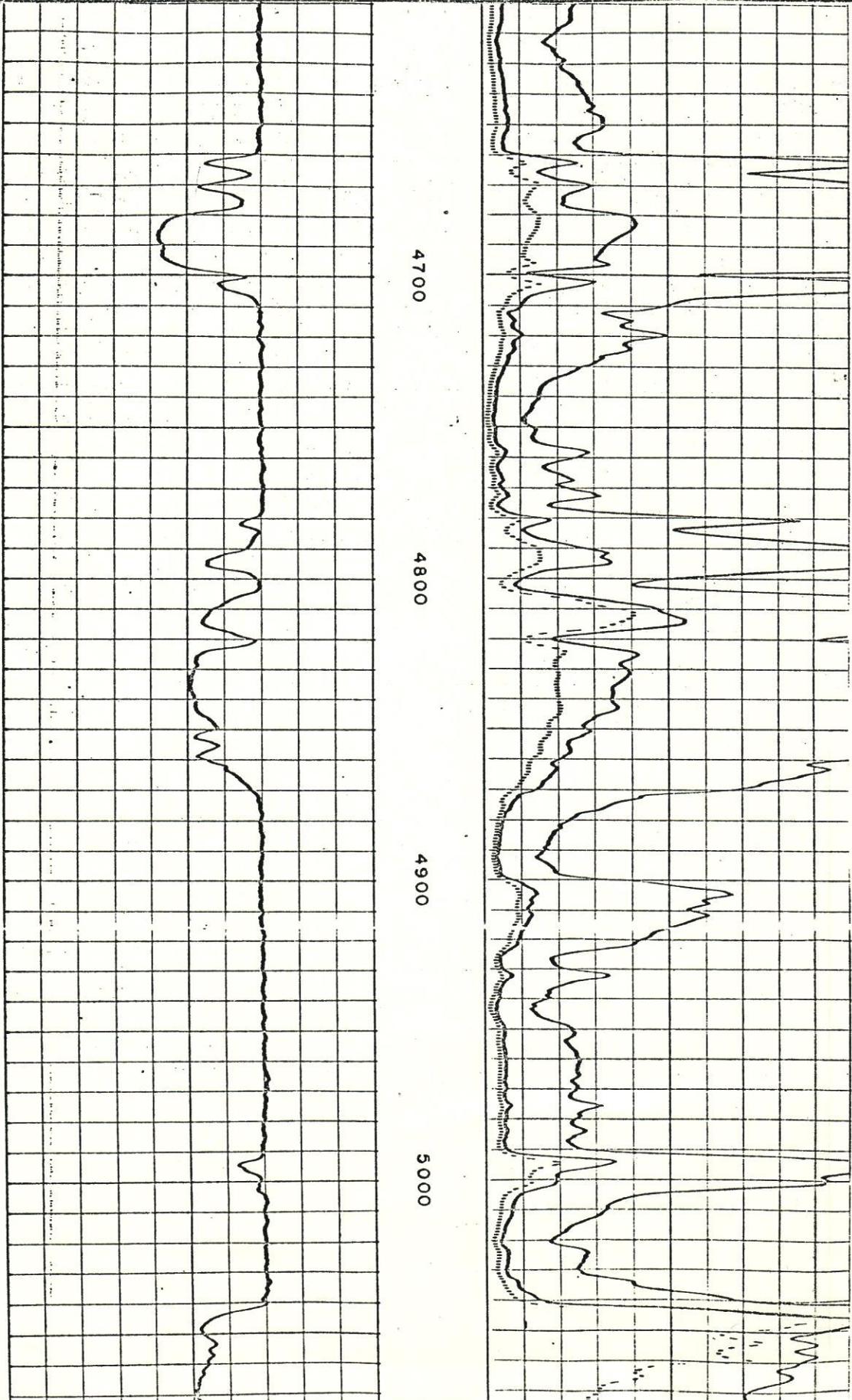




Electricity

A DIVISION OF DRESSER INDUSTRIES, INC.

FILE NO.	COMPANY <u>SINCLAIR OIL & GAS CO.</u>	
	WELL <u>W.E. DICKINSON JR #4</u>	
	FIELD <u>W. PADRONI</u>	
	COUNTY <u>LOGAN</u>	STATE <u>COLORADO</u>
	LOCATION: <u>C NW SW</u>	Other Services <u>M/L</u>
	SEC <u>6</u> TWP <u>9 N</u> RGE <u>52 W</u>	
Permanent Datum <u>G.L.</u>	Elev. <u>4065</u>	KB <u>---</u>
Log Measured from <u>G.L.</u> or <u>0</u> Ft. Above Permanent Datum		DF <u>---</u>
Drilling Measured from <u>G.L.</u>		GL <u>4065</u>



T.D. - 5124'
 PBTB - 5084'
 Top "D" Sand - 4661'
 Top "J" Sand - 4780'
 Top "O" Sand - 5041'

Present Perforations:
 5044' - 5046'

Proposed Perforations:
 4790' - 4797'
 and
 4806' - 4820'

Casing: 8 5/8" OD, 20#/ft.
 cmt. @ 324' with
 300 sacks.

5 1/2" OD, 14#/ft.
 cmt. @ 5121' with
 150 sacks.

Top of cement behind 5 1/2"
 casing - 4494'

EXHIBIT "B"

RECEIVED

JAN - 4 1968

COLO. OIL & GAS CONS. COMM.

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

IN THE MATTER OF THE APPLICATION
OF SINCLAIR OIL & GAS COMPANY FOR
PERMISSION TO DISPOSE OF WATER
UNDERGROUND IN THE WEST PADRONI
FIELD, LOGAN COUNTY, COLORADO, IN
THE "J" SAND FORMATION THROUGH ITS
W. E. DICKINSON, JR. WELL NO. 4

)
)
) CAUSE NO. _____
)
)
) FILE NO. _____
)

A P P L I C A T I O N

Applicant, SINCLAIR OIL & GAS COMPANY, respectfully shows to the Oil and Gas Conservation Commission of the State of Colorado as follows:

1. Applicant is a Maine corporation duly authorized to transact business in the State of Colorado.
2. Applicant is the owner of valid and subsisting oil and gas leases covering certain lands in the West Padroni Field, Logan County, Colorado, which lands are delineated on Exhibit "A" attached hereto and made a part hereof. Applicant desires and proposes to dispose of water produced with oil from wells in said field by placement into the "J" Sand Formation underlying said lands.
3. The proposed disposal well is Applicant's W. E. Dickinson, Jr. Well No. 4 located 1980 feet from the south line and 660 feet from the west line of Section 6, Township 9 North, Range 52 West, West Padroni Field, Logan County, Colorado. Said well was completed as an "O" Sand producer July 15, 1963. It has been shut in since August 1, 1967 and Applicant proposes to plug back to "J" Sand and complete as a water disposal well as detailed herein.
4. The locations of the disposal well and all oil and gas wells, including abandoned and drilling wells and dry holes, within the area involved are shown and designated on Exhibit "A".
5. The wells in the area involved are producing oil from the "O" Sand Formation, the top of which sand occurs in the disposal well at a depth of approximately 5000 feet from the surface.

6. The water to be disposed of is brackish water which is produced with oil from the "O" Sand reservoir in the West Padroni Field. Such wells are currently producing water at a rate that evaporation pits are inadequate to take and receive all of the produced water from the field. In order to prevent waste and to achieve maximum benefits from subsurface disposal of produced water, Applicant proposes to dispose of said water through perforations in the "J" Sand in the disposal well at depths from 4790 feet to 4820 feet. The wells formerly completed in the "J" Sand reservoir in the West Padroni Field were abandoned in that formation after water-ing out. The estimated rate of injection is 1000 barrels per day.

7. A wire line bridge plug will be set at approximately 4900 feet thus blanking off the present "O" Sand perforations. The casing will be perforated opposite the "J" Sand from 4790 feet to 4797 feet and 4806 feet to 4820 feet. If necessary, the "J" Sand interval will be treated with acid prior to completion. Casing above the bridge plug will be pressure tested to 2000 psi. All proper precautions will be taken to protect oil, gas and fresh water re-sources.

8. The log of the proposed disposal well, which is attached hereto as Exhibit "B" and made a part hereof contains a description of the casing thereof, and also indicates the proposed disposal intervals.

9. The names and addresses of owners of record and other operators of drilling or producing wells within one-half mile of the proposed disposal well are to the best of Applicant's informa-tion and belief as follows:

Sinclair Oil & Gas Company
501 Lincoln Tower Building
Denver, Colorado 80203

W. J. McBride
620 Colorado Building
Denver, Colorado 80202

George Anderman
Patterson Building
Denver, Colorado 80202

Skelly Oil Company
10th Floor
Lincoln Tower Building
Denver, Colorado 80203

Edward Bolland
Petroleum Building
Casper, Wyoming

Harold W. Copeland
3120 - 11th Street
Boulder, Colorado

Lee A. Swedlund
3130 - 24th Street
Boulder, Colorado

Harold Lindbloom and Pauline
F. Lindbloom
University Building
Boulder, Colorado

J. H. McKnight, M.D.
Sterling, Colorado

Paul H. Umbach
Kossler Road
Boulder, Colorado

Arthur E. Sindt
Sterling, Colorado

Violet DuBois
1411 S. 64th Avenue
Omaha, Nebraska

William L. McNear and
Veda McNear
Sterling, Colorado

Simel Oil Co.
Box 11
Sterling, Colorado

Elliff Land Co.
Sterling,
Colorado

Jack L. Mackey and Brenda L.
Mackey
Sterling, Colorado

E. A. Elliff
Sterling,
Colorado

Francis J. Parke and Rose V.
Parke
R. F. D. #2
Sterling, Colorado

W. E. Dickinson, Jr.
Route 2
Sterling, Colorado

Kathryn M. Perkins
1506 N. Jackson
Livingston, Nebraska

10. Applicant has given notice to such owners of record and oil and gas lease operators by mailing copies of this Application to them at the addresses shown in Paragraph 9 as evidenced by an affidavit of mailing attached hereto.

11. Applicant believes and, therefore, alleges that the proposals herein set forth will be in the interests of conservation, will prevent waste and protect correlative rights, and that the Commission should enter its order approving the proposed water disposal program as applied for herein.

WHEREFORE, Applicant prays that this matter be approved administratively in accordance with the provisions of Rule 326 of the Colorado Oil and Gas Conservation Commission Rules of Practice and Procedure. If for any reason this Application cannot be approved administratively, that this matter be set for hearing, that notice thereof be given as prescribed by law and the rules of the Oil and Gas Conservation Commission of the State of Colorado, and that upon such hearing this Commission enter its

order approving the water disposal program herein described, including the conversion of Applicant's W. E. Dickinson, Jr. Well No. 4 to a water disposal well in the "J" Sand Formation.

SINCLAIR OIL & GAS COMPANY

By C. M. Peterson
C. M. Peterson
Attorney for Applicant

STATE OF COLORADO :
City and County of Denver : ss:

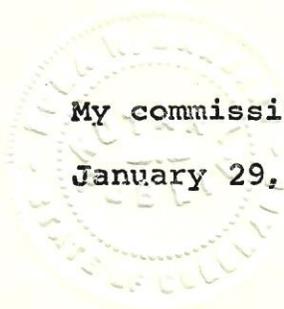
C. M. Peterson, being first duly sworn on oath, states that he is the Attorney for Applicant, Sinclair Oil & Gas Company; that he has read the foregoing Application; and that the matters and things therein contained are true of his own knowledge.

C. M. Peterson
C. M. Peterson

Subscribed and sworn to before me this 2nd day of January, 1968.

Erma W. Barbary
Notary Public

My commission expires:
January 29, 1969



T 53 W

T 52 W

T
I
O
N

T
9
N

S. GARY
6-15-65

W.C. McBRIDE
6-15-65

SINC. #100
TR. A

L A SWEDLUND

McBRIDE
Ø¹

SWEDLUND
Ø¹

H.L.W.
Ø¹

56

FALCON-SEABOARD
6-15-65

31

Fed. Land Bank
Beulah Fluharty

S. GARY
Ø¹

STUARCO
Ø¹

5

8

2

6

SINCLAIR
Ø¹

State

A. Sindt

SINC. # 88

F. Parke
Ø³

L A SWEDLUND

SINC # 88
H.B.P.

ELLIFF LAND CO. et al

SKELLY

SINC # 88

OPEN

2

Ø¹

Ø¹

Ø²

Ø¹

L.J. WILLIAMSON
Ø¹

L A SWEDLUND

Violet Dubois et al

SINC. # 90

SINC. #100
TR. A

1/2 MILE

Ø⁴

6

ELLIFF LAND CO. et al

F. Parke

SINC. #100

TR B

TR C

Rose & F. J. Parke

OPEN

OPEN

W. E. Dickinson

W. J. McBRIDE et al
HSP

A. Sindt

SINC #100
TR. A

C.B.G.
Ø¹

Ø⁴

Ø¹

Ø⁴

Violet Dubois et al

McBRIDE
Ø¹

Ø³

Ø⁷

Rose & F. J. Parke

SINCLAIR OIL & GAS CO.
CASPER DISTRICT

WEST PADRONI FIELD
LOGAN COUNTY, COLORADO

DRAWN BY _____ CHECKED BY _____ DATE 12-15-67

RECEIVED

JAN -4 1968

AFFIDAVIT

COLO. OIL & GAS CONS. COMM.

STATE OF COLORADO :
City and County of Denver : SS:

C. M. PETERSON, of lawful age, first duly sworn, upon oath, states:

That he resides at 2405 South Newton Street, Denver, Colorado, and that he is the General Attorney, Western Region, for Sinclair Oil & Gas Company, with offices in Denver, Colorado, and that he is well and personally acquainted with the Application of Sinclair Oil & Gas Company before the Oil and Gas Conservation Commission of the State of Colorado for an Order permitting disposal of produced water in the "J" Sand Formation, West Padroni Field, Logan County, Colorado.

Affiant further deposes and states that he knows of his own knowledge that in accordance with the rules of the said Oil and Gas Conservation Commission the said Applicant, Sinclair Oil & Gas Company, did on January 2, 1968 cause to be mailed by Certified Mail, Return Receipt Requested, a notice of Sinclair's said Application to the owners within one-half mile of the W. E. Dickinson, Jr. Well No. 4, which is the proposed disposal well. The names and addresses of the said owners are as follows:

Skelly Oil Company
10th Floor
Lincoln Tower Building
Denver, Colorado 80203

W. J. McBride
620 Colorado Building
Denver, Colorado 80202

Edward Bolland
Petroleum Building
Casper, Wyoming

George Anderman
Patterson Building
Denver, Colorado 80202

Harold W. Copeland
3120 - 11th Street
Boulder, Colorado

Simel Oil Co.
Box 11
Sterling, Colorado

Lee A. Swedlund
3130 - 24th Street
Boulder, Colorado

Elliff Land Co.
Sterling, Colorado

Harold Lindbloom and Pauline F. Lindbloom
University Building
Boulder, Colorado

Jack L. Mackey and Brenda L. Mackey
Sterling, Colorado

E. A. Elliff
Sterling, Colorado

J. H. McKnight, M.D.
Sterling, Colorado

Paul H. Umbach
Kossler Road
Boulder, Colorado

Francis J. Parke and Rose V. Parke
R. F. D. #2
Sterling, Colorado

Arthur E. Sindt
Sterling, Colorado

W. E. Dickinson, Jr.
Route 2
Sterling, Colorado

Violet DuBois
1411 S. 64th Avenue
Omaha, Nebraska

Kathryn M. Perkins
1506 N. Jackson
Livingston, Nebraska

William L. McNear and Veda McNear
Sterling, Colorado

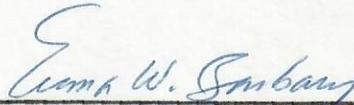
The notice mailed to said owners includes the attached Application.



C. M. PETERSON

Subscribed and sworn to before me this 2nd day of

January, 1968.



Notary Public

My commission expires:

January 29, 1969



RECEIVED

JAN -4 1968

COLO. OIL & GAS CONS. COMM.

AFFIDAVIT

STATE OF COLORADO :
City and County of Denver : ss:

C. M. PETERSON, of lawful age, first duly sworn, upon oath, states:

That he resides at 2405 South Newton Street, Denver, Colorado, and that he is the General Attorney, Western Region, for Sinclair Oil & Gas Company, with offices in Denver, Colorado, and that he is well and personally acquainted with the Application of Sinclair Oil & Gas Company before the Oil and Gas Conservation Commission of the State of Colorado for an Order permitting disposal of produced water in the "J" Sand Formation, West Padroni Field, Logan County, Colorado.

Affiant further deposes and states that he knows of his own knowledge that in accordance with the rules of the said Oil and Gas Conservation Commission the said Applicant, Sinclair Oil & Gas Company, did on January 2, 1968 cause to be mailed by Certified Mail, Return Receipt Requested, a notice of Sinclair's said Application to the owners within one-half mile of the W. E. Dickinson, Jr. Well No. 4, which is the proposed disposal well. The names and addresses of the said owners are as follows:

Skelly Oil Company
10th Floor
Lincoln Tower Building
Denver, Colorado 80203

W. J. McBride
620 Colorado Building
Denver, Colorado 80202

Edward Bolland
Petroleum Building
Casper, Wyoming

George Anderman
Patterson Building
Denver, Colorado 80202

Harold W. Copeland
3120 - 11th Street
Boulder, Colorado

Simel Oil Co.
Box 11
Sterling, Colorado

Lee A. Swedlund
3130 - 24th Street
Boulder, Colorado

Elliff Land Co.
Sterling, Colorado

Harold Lindbloom and Pauline F. Lindbloom
University Building
Boulder, Colorado

Jack L. Mackey and Brenda L. Mackey
Sterling, Colorado

E. A. Elliff
Sterling, Colorado

J. H. McKnight, M.D.
Sterling, Colorado

Paul H. Umbach
Kossler Road
Boulder, Colorado

Francis J. Parke and Rose V. Parke
R. F. D. #2
Sterling, Colorado

Arthur E. Sindt
Sterling, Colorado

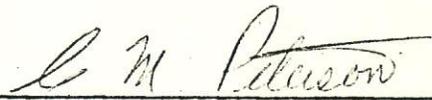
W. E. Dickinson, Jr.
Route 2
Sterling, Colorado

Violet DuBois
1411 S. 64th Avenue
Omaha, Nebraska

Kathryn M. Perkins
1506 N. Jackson
Livingston, Nebraska

William L. McNear and Veda McNear
Sterling, Colorado

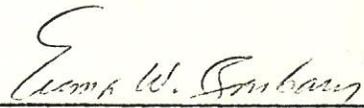
The notice mailed to said owners includes the attached
Application.



C. M. PETERSON

Subscribed and sworn to before me this 2nd day of

January, 1968.



Notary Public

My commission expires:

January 29 1969

E. A. Elliff
Sterling, Colorado

J. H. McKnight, M.D.
Sterling, Colorado

Paul H. Umbach
Kossler Road
Boulder, Colorado

Francis J. Parke and Rose V. Parke
R. F. D. #2
Sterling, Colorado

Arthur E. Sindt
Sterling, Colorado

W. E. Dickinson, Jr.
Route 2
Sterling, Colorado

Violet DuBois
1411 S. 64th Avenue
Omaha, Nebraska

Kathryn M. Perkins
1506 N. Jackson
Livingston, Nebraska

William L. McNear and Veda McNear
Sterling, Colorado

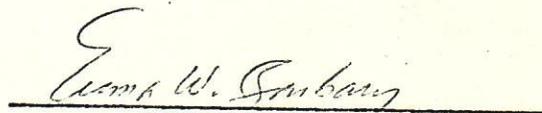
The notice mailed to said owners includes the attached
Application.



C. M. PETERSON

Subscribed and sworn to before me this 2nd day of

January, 1968.



Notary Public

My commission expires:

January 29 1969