Annual Kansas Enhanced Recovery and Repressuring Questionnaire 1981

Please return to: Kansas Geological Survey, 1930 Avenue A, Campus West
Lawrence, Kansas 66044

1. Company (Operator) Name: INEXCO OIL CO.

2. Current owner and address if project sold during 1981 _____

3. County: ALLEN Field: MORAN
4. K.C.C. No.: C-14856 Project or Unit Name: MORAN

5. Is information listed below correct? ( ) Yes, ( ) No (check one)
If "yes" please leave as is and turn to page two.
If "no" please correct only those items that have changed.

6. Type of Secondary Recovery (please check one if appropriate)
(✓) Controlled waterflood (W) ~~( ) Dump flood (D)~~
( ) Pressure maintenance (P) Project E

7. Type of Tertiary Recovery Project (please ~~check one if~~ appropriate)
( ) Steam Flood (S); ( ) Fire Flood (F); ( ) Surfactant Chemical Flood (C);
( ) CO_2 Injection (O); ( ) Air-Injection (A); ( ) N_2 Injection (N);
( ) Other E ✓

8. Lease Name and Legal Description:

	Sec:	Twp:	Rge:
	33, 34, 35	24S	20E
	2	25S	20E

9. Oil-producing zone:

Name: BARTL ; Depth: 810 ft.; Aver. Thickness: 10 ft.

Oil gravity: 22 A.P.I.

10. Type of injected water (please check proper ones):
( ) Fresh ( ) Mixture of fresh water and brine
(✓) Treated brine ( ) Untreated brine

11. Source of injected water (please check proper ones):
(X) Produced water ( ) Other
If "Other," name: MISS

12. Date of First Injection: 1958 (year)

Production and Injection Data - 1981

13. Injection wells:

    a. Total number injecting, 1982: 130 Average wellhead pressure _____ p.s.i.

    b. Number drilled in 1981: 0

    c. Number abandoned during 1981: 16

14. Production wells:

    a. Total number producing, 1981: 178

    b. Number drilled in 1981: 1

    c. Number abandoned in 1981: 0

Enter zeros in the 1981 columns only if no oil was produced or no water or gas was injected. If records are incomplete, please estimate the values, but in all cases report a value for 1981. The cumulative column should reflect total values since initiation of the project. If records are incomplete please estimate the values.

	1982	Cumulative	
15. Liquid injected or dumped into producing zone (BBLS)	536 .5	6572	6.6
16. Gas or air injected into producing zone (MCF)	0 0	0	
17. Oil production from project area (BBLS) (Total)	49.6 .05	1234	1.2
18. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	44.7 .04	1111	1.1
19. Oil recovered by Tertiary Recovery such as polymer-enhanced waterflood, surfactant-polymer injection, alkaline chemical injection, miscible fluid or gas injection, steam or hot water injection, or some combustion process, but excluding oil recovered by water-flood, or pressure maintenance, or dump flood operations.	.005 5.0 .5	37.8	.04

Summary of all Cases

Records will be permanent filed with Conservation Division, State Corporation Commission of Kansas, 200 Colorado Building, Wichita, KS 67202 after the annual report is compiled.

TERTIARY

1982
Moran Polymerflood Krieger Lease

Change

TO:
STATE CORPORATION COMMISSION
CONSERVATION DIVISION - UIC SECTION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

DOCKET NO. C-14,856 * [85-981-C]
KCC KDHE

SEC. 35, T 24S S, R 20E [ ] West [ ] East

Feet from N/S section line NA

Feet from W/E section line NA

Lease Legal Description SW¼ Sec. 35

ANNUAL REPORT OF PRESSURE MONITORING, FLUID INJECTION AND ENHANCED RECOVERY

Reporting Period Jan. 1982 thru Dec. 1982

Operator License Number 6032

Operator:
Name &
Address

Field Moran,

County Allen

Contact Person Kenneth Ogle

Phone 1-316-237-4575

INJECTION FLUID:

Type:
[ ] fresh water
[x] brine treated
[ ] brine untreated
[ ] water/brine mixture

Source:
[x] produced water
other: Small amount of Miss.

Quality:
Total disolved solids ____ ppm or mgm/liter
Additives Scale and corrission inhibitor
(attach water analysis, if available)

TYPE COMPLETION:

[ ] tubing & packer
[ ] packerless
[ ] tubingless

packer setting depth _____ feet.
Maximum authorized pressure _____ psi
Maximum authorized rate _____ bbl/day.

Month	Total Fluid Injected in Month (bbl)	Days of Injection	Maximum Injection Pressure	Average Injection Pressure	Aver. Pressure Tubing to Casing Annulus	Pressure psig Casing to Surf. Pipe
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sept.						
Oct.						
Nov.						
Dec.						

Well tests and the results during reporting period:

Project ~~Q~~ E

Type of Secondary Recovery (check one if appropriate; does not apply to disposal well)
~~[x]~~ Controlled waterflood [W]
[ ] Pressure maintenance [P]
[ ] Dump flood [D]

STATE CORPORATION COMMISSION
FEB 10 1983
CONSERVATION DIVISION
Wichita, Kansas

*This project covers a waterflood project & E project

ANNUAL KANSAS ENHANCHED RECOVERY QUESTIONAIRE 1982
INEXCO OIL COMPANY POLYMER FLOOD MORAN POOL KRIEGER LEASE

Type of Tertiary Recovery Project (check one if appropriate)

[ ] Steam Flood [S] [ ] Fire Flood [F] [ ] Surfactant Chemical Flood [C]

[ ] CO_2 Injection [O] [ ] Air Injection [A] [ ] N_2 Injection [N]

[ ] Natural Gas Injection [G] [x] Polymer/~~Miscible~~ Flood ~~[P]~~ Q [ ] Other

Oil Producing Zone:

Name: BARTSVILLE Depth 810 feet. Average Thickness 10 feet.

Oil Gravity 22.3 API VISCOSITY 172cp

Production wells from this docket:

a. Total number producing, 1982: 33

b. Number drilled in 1982: 0

c. Number abandoned in 1982: 0

d. Totol number injecting in 1982: 25 Of 27

Enter zeros in the current year column only if no oil was produced or no water or gas was injected. If records are incomplete, please estimate the volumes, but in all cases report a volume for the current year. The cumulative column should reflect total volumes since initiation of the project. If records are incomplete, please estimate the values.

	Current Year	Cumulative
A. Liquid injected or dumped into producing zone (BBLS) (from side one for current year)	130 130,444	1227 1,226,678
B. Gas or air injected into producing zone (MCF)	0	0
C. Oil production from project area (BBLS) (Total)	13,124 13.1	344,975 345
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	*11,800 11.8	310,500 311
E. Oil recovered by Tertiary Recovery such as polymer-enhanced waterflood, surfactant polymer injection, alkaline chemical injection, miscible flood or gas injection, steam or hot water injection, or some combustion process, but excluding oil recovered by waterflood, pressure maintenance, or dump flood operations.	4987 5.0	37767 37.8

* Includes oil recovered by use of polymer also.

Person (s) responsible Russel Guder & J. McBride

for monitoring well

I certify that I am personally familiar with the above information and all attachments and that I believe the information to be true, accurate, and complete.

Date 2-1-83

Signature Kenneth Ogle

Name Kenneth Ogle

Title Prod. Supt.

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.

1982
Moran waterflood al leases

TO:
STATE CORPORATION COMMISSION
CONSERVATION DIVISION - UIC SECTION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

DOCKET NO. C-14,856 (KCC) [85-981-C (KDHE)]

SEC. 33, T 24S S, R 20E [ ] West [ ] East

Feet from N/S section line 1000' FSL

Feet from W/E section line 2000' FWL

Lease Legal Description SW¼ SEC. 33

ANNUAL REPORT OF PRESSURE MONITORING, FLUID INJECTION AND ENHANCED RECOVERY

Reporting Period Jan 1982 thru DEC.1982

Operator License Number 6032

Operator: Name & Address INEXCO OIL CO.

Field Moran

County Allen

Contact Person Kenneth Ogle

Phone 1-316-237-4575

INJECTION FLUID:

Type:
[ ] fresh water
[x] brine treated
[ ] brine untreated
[ ] water/brine mixture

Source:
[x] produced water
other: Miss small amount

Quality:
Total disolved solids ____ ppm or mgm/liter
Additives Scale & corrission inhibtor
(attach water analysis, if available)

TYPE COMPLETION:

[ ] tubing & packer
[ ] packerless
[ ] tubingless

packer setting depth _____ feet.
Maximum authorized pressure _____ psi
Maximum authorized rate _____ bbl/day.

Month	Total Fluid Injected in Month (bbl)	Days of Injection	Maximum Injection Pressure	Average Injection Pressure	Aver. Pressure Tubing to Casing Annulus	Pressure psig Casing to Surf. Pipe
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sept.						
Oct.						
Nov.						
Dec.						

Well tests and the results during reporting period:

Project W

Type of Secondary Recovery (check one if appropriate; does not apply to disposal well)
[x] Controlled waterflood [W]
[ ] Pressure maintenance [P]
[ ] Dump flood [D]

FEB 10 1983

ANNUAL KANSAS ENHANCHED RECOVERY QUESTIONAIRE 1982
INEXCO OIL COMPANY MORAN FLOOD ALL LEASES

* Type of Tertiary Recovery Project (check one if appropriate)

[ ] Steam Flood [S] [ ] Fire Flood [F] [ ] Surfactant Chemical Flood [C]

[ ] CO_2 Injection [O] [ ] Air Injection [A] [ ] N_2 Injection [N]

[ ] Natural Gas Injection [G] [ ] Polymer/~~Miscible~~ Flood ~~[P]~~ [x] Other Waterflood

Oil Producing Zone:

Name: BARTSVILLE Depth 810 feet. Average Thickness ~~10~~ feet.

Oil Gravity 22 API

Production wells from this docket:

a. Total number producing, 1982: 178

b. Number drilled in 1982: ~~0~~ 1

c. Number abandoned in 1982: 0

d. Totol number injecting, 1982 130 } 146 Inj. Wells were reported in '81.
Num. Inj. Wells Abd., " 16 }

Enter zeros in the current year column only if no oil was produced or no water or gas was injected. If records are incomplete, please estimate the volumes, but in all cases report a volume for the current year. The cumulative column should reflect total volumes since initiation of the project. If records are incomplete, please estimate the values.

	Current Year	Cumulative
A. Liquid injected or dumped into producing zone (BBLS) (from side one for current year)	536 535,922	6572 6,571,649
B. Gas or air injected into producing zone (MCF)		
C. Oil production from project area (BBLS) (Total)	49.6 49,619	1234 1,233,894
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	44.7 44,657	1111 1,110,505
E. Oil recovered by Tertiary Recovery such as polymer-enhanced waterflood, surfactant polymer injection, alkaline chemical injection, miscible flood or gas injection, steam or hot water injection, or some combustion process, but excluding oil recovered by waterflood, pressure maintenance, or dump flood operations.	5.0 =4987	37.8 37,767

Person (s) responsible Russel Guder & Jack Mc Bride

for monitoring well

I certify that I am personally familiar with the above information and all attachments and that I believe the information to be true, accurate, and complete.

Date 2-1-83

Signature [signature]

Name Kenneth E Ogle

Title Prod. Supt.

Complete all blanks - add pages if needed.

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