

2-1-95

SAMEDAN OIL CORPORATION

12600 NORTHBOROUGH, #250
HOUSTON, TEXAS 77067
(713) 876-6150 FAX (713) 876-6106

OIL CONSERVATION DIVISION
RECEIVED

95 JAN 13 AM 8 52

January 6, 1995

Oil Conservation Division
PO Box 2088
Santa Fe, New Mexico 87504-2088

Atten: William LeMay:

**RE: Down Hole Commingling
Branex Federal Well #1
Unit L, Sec. 12, T-23S, R-37E
Cline Tubb (Assoc)
Cline Lower Paddock/Blinebry**

Samedan Oil Corporation requests administrative approval for the down hole commingling of the above mentioned pools.

We have enclosed the following:

1. Area Plat showing ownership of offsetting leases.
2. Plat showing acreage dedicated to the well.
3. Names and addresses of offsetting operators and a copy of the letter to notify them and the United States Bureau of Land Management of our intention.
4. Division Form C-116 showing 24-hr productivity test from each zone.
5. Well History and Prognostication of future production.
6. Estimated BHP for each artificially lifted zone.
7. Fluid description of each zone.
8. Valves of production.
9. Recommended formula for allocation of production.

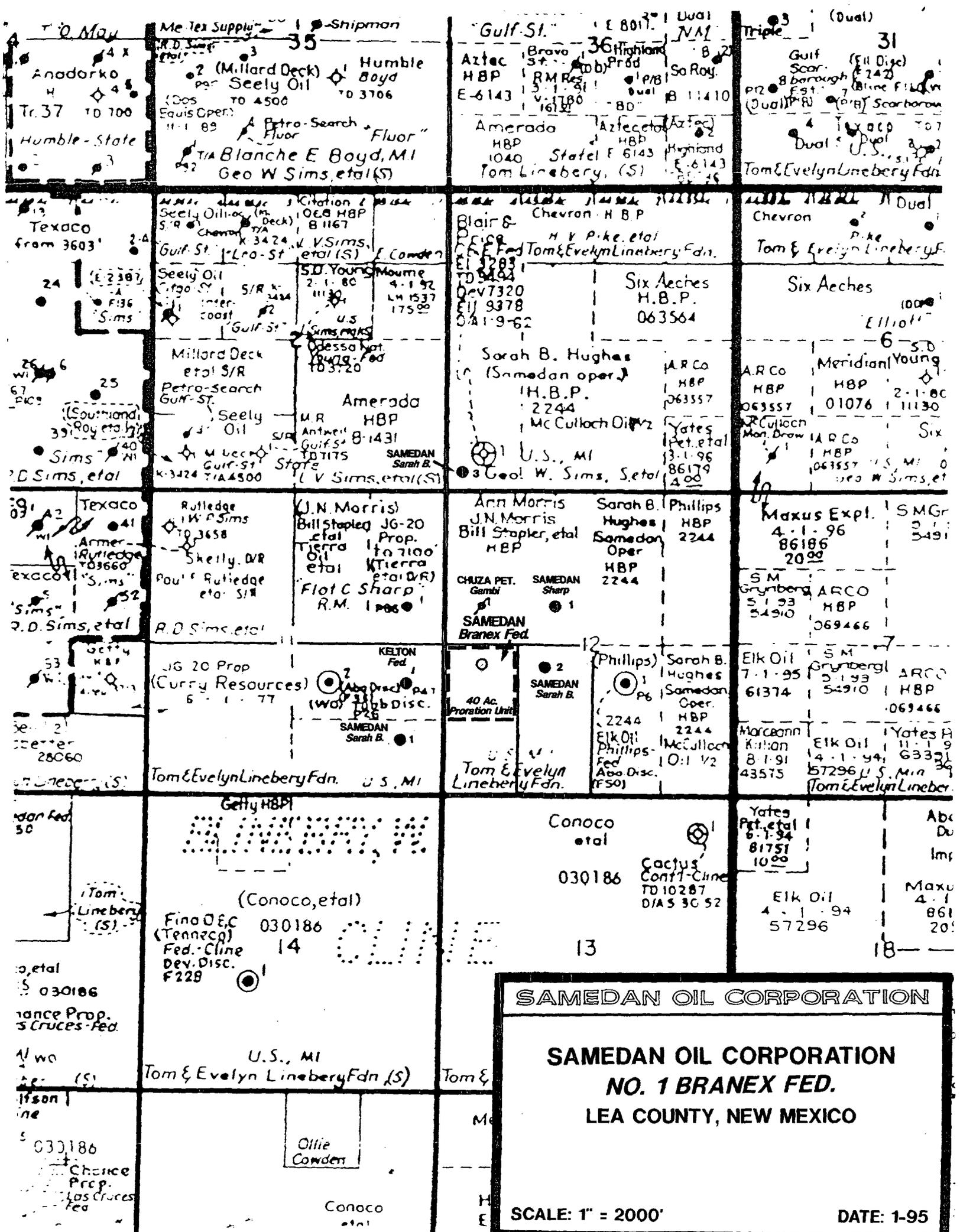
We appreciate your consideration in this matter. If you have any questions please call.

Thank you,


Judy Throneberry

attachments

xc: OCC - Hobbs District



SAMEDAN OIL CORPORATION

SAMEDAN OIL CORPORATION
NO. 1 BRANEX FED.
LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'
DATE: 1-95

0 May
 4 X
 Anadarko
 H
 Tr. 37 TO 700
 Humble - State

Me Tex Supply
 35
 2 (Millard Deck) Seely Oil
 (Dos TO 4500
 Equis Oper.)
 11-1-89
 Petro-Search
 Fluor
 Fluor
 Blanche E Boyd, MI
 Geo W Sims, etal (S)

Gulf St. E 8017
 Aztec Bravo 36
 HBP RMR
 E-6143
 Amerada Aztec
 HBP
 1040
 Tom Linebery, (S)

Triple 3
 (Dual)
 31
 Gulf Scar
 (E 11 Dige)
 8 barrough
 (Dual) P
 Tom & Evelyn Linebery Fdn

13
 Texaco
 from 3603'
 24
 (E 2387)
 S/R
 Sims

Citation
 Seely Oil
 S/R
 Gulf St.
 L-O-St
 V.Sims,
 etal (S)

Blair &
 Chevron H B P
 H V Pike, etal
 Tom & Evelyn Linebery Fdn.
 Dev 7320
 E 11 9378
 0419-62
 Six Aches
 H.B.P.
 063564

Chevron
 Tom & Evelyn Linebery F.
 Six Aches
 H.B.P.
 063564

26
 6
 67
 25
 (Southern)
 Roy etal
 Sims
 D Sims, etal

Millard Deck
 etal S/R
 Petro-Search
 Gulf-St.
 Seely Oil
 M R
 Antwell
 Gulf St.
 State
 L V Sims, etal (S)

Sarah B. Hughes
 (Samedan oper.)
 H.B.P.
 2244
 McCulloch Oil
 U.S., MI
 Geo W. Sims, Setal

ARCO
 HBP
 063557
 Meridian
 HBP
 01076
 Yates
 Pet. etal
 3-1-96
 86179
 400

09
 Texaco
 41
 Armer
 Rutledge
 03660
 Sims
 D.D. Sims, etal

Rutledge
 W.P. Sims
 TO 3658
 Shelly, DR
 Pouf Rutledge
 etal S/R
 R.D. Sims, etal

Ann Morris
 J.N. Morris
 Bill Stapler, etal
 HBP
 CHUZA PET.
 Gambi
 SAMEDAN
 Sharp
 1
 SAMEDAN
 Branex Fed.

Sarah B. Phillips
 Hughes
 HBP
 2244
 Samedan
 Oper
 HBP
 2244
 Maxus Expl.
 S.M.G.R.
 4-1-96
 86186
 2090

53
 2
 28060
 Tom & Evelyn Linebery Fdn.

JG 20 Prop
 (Curry Resources)
 5-1-77
 KELTON
 Fed.
 2
 (W) Tub Disc.
 SAMEDAN
 Sarah B.
 1
 Tom & Evelyn Linebery Fdn. U.S., MI

40 Ac.
 Proration Unit
 2
 SAMEDAN
 Sarah B.
 1
 (Phillips)
 Sarah B. Hughes
 HBP
 2244
 Samedan
 Oper.
 HBP
 2244
 Elk Oil
 Phillips
 Fed.
 Add. Disc.
 (FSO)

Elk Oil
 S.M.
 Grynberg
 HBP
 61374
 5-1-93
 54910
 069466
 Elk Oil
 S.M.
 Grynberg
 HBP
 61374
 5-1-93
 54910
 069466
 Yates H
 11-1-9
 63321
 Elk Oil
 S.M.
 4-1-94
 57296
 Tom & Evelyn Lineber

50
 Tom
 Linebery
 (S)
 030186
 Chance Prop.
 S Cruces Fed.

Getty HBP
 (Conoco, etal)
 Fino DEC
 (Tenneco)
 Fed. Cline
 Dev. Disc.
 F228
 030186
 14
 U.S., MI
 Tom & Evelyn Linebery Fdn (S)

Conoco
 etal
 030186
 Cactus
 Cont'l-Cline
 TO 10287
 DIA 30 52
 13

Yates
 Pet. etal
 8-1-94
 81751
 1000
 Elk Oil
 4-1-94
 57296
 Yates H
 11-1-9
 63321
 Elk Oil
 S.M.
 4-1-94
 57296
 Tom & Evelyn Lineber

030186
 Chance
 Prop.
 S Cruces
 Fed.

Oliver
 Cowden
 Conoco
 etal

SCALE: 1" = 2000'
DATE: 1-95

DISTRICT I
 P. O. Box 1980
 Hobbs, NM 88240

OIL CONSERVATION DIVISION
 P. O. Box 2088
 Santa Fe, New Mexico 87504-2088

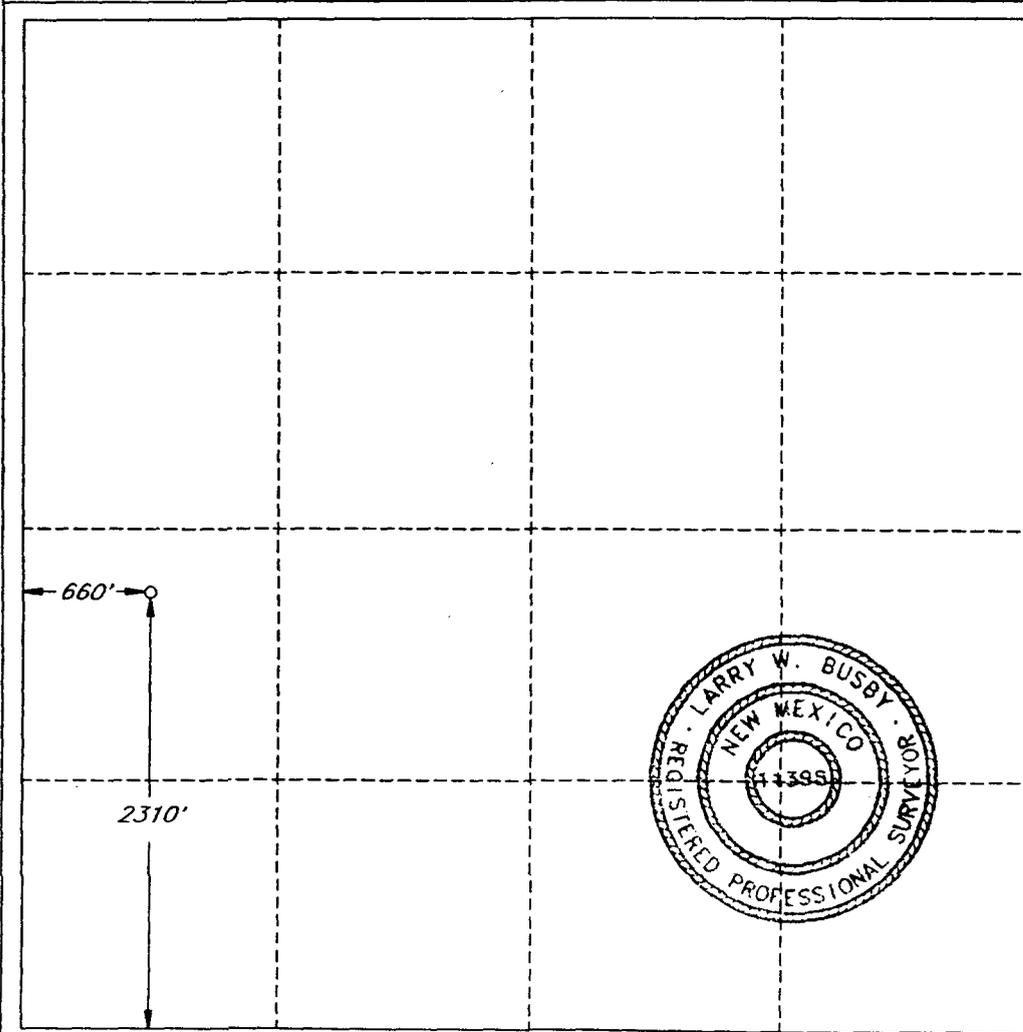
DISTRICT II
 P. O. Drawer DD
 Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd
 Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
 All distances must be from the outer boundaries of the section.

Operator SAMEDAN OIL CORPORATION			Lease BRANEX FED.		Well No. 1
Unit Letter L	Section 12	Township 23 SOUTH	Range 37 EAST, N.M.P.M.	County LEA	
Actual Footage Location of Well					
2310 feet from the SOUTH line and		660 feet from the WEST line			
Ground Level Elev. 3281'	Producing Formation Cline Lower Padk/Blby	Pool Lower Paddock/Blinebry	Acres 40		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.?
 Yes No. If answer is "yes", type of consolidation _____
 If the answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use the reverse side of this form if necessary.) _____
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief.

Signature
Judy Throneberry
 Printed Name
 Judy Throneberry

Position
 Div Production Clerk
 Company
 Samedan Oil Corporation

Date
 01/06/95

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

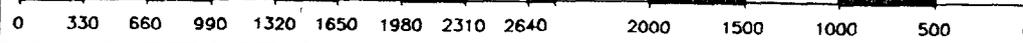
Date Surveyed
 SEPTEMBER 28, 1993

Signature and Seal of Professional Surveyor

[Signature]

Certificate No.
 LARRY W. BUSBY R.P.S. #11398

LWB / 99302-1 / 45SE



DISTRICT I
 P. O. Box 1980
 Hobbs, NM 88240

OIL CONSERVATION DIVISION
 P. O. Box 2088
 Santa Fe, New Mexico 87504-2088

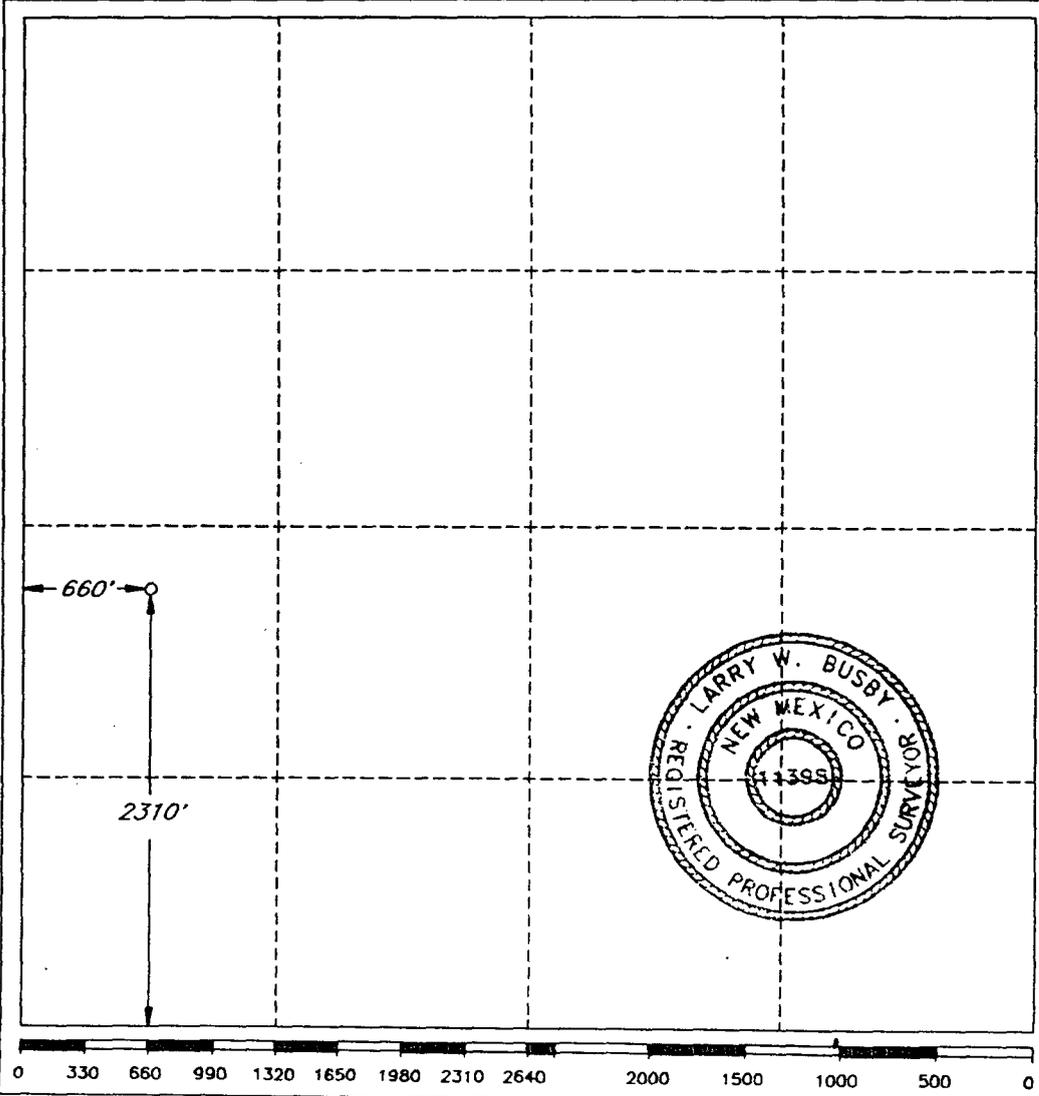
DISTRICT II
 P. O. Drawer DD
 Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd
 Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
 All distances must be from the outer boundaries of the section.

Operator SAMEDAN OIL CORPORATION			Lease BRANEX FED.		Well No. 1
Unit Letter L	Section 12	Township 23 SOUTH	Range 37 EAST, N.M.P.M.	County LEA	
Actual Footage Location of Well 2310 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. 3281'	Producing Formation Cline Tubb (Assoc)		Pool Tubb (Assoc)		Acres 40

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.?
 Yes No. If answer is "yes", type of consolidation _____
 If the answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use the reverse side of this form if necessary.) _____
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief.

Signature *Judy Throneberry*
 Printed Name **Judy Throneberry**
 Position **Div Production Clerk**
 Company **Samedan Oil Corporation**
 Date **01/06/95**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **SEPTEMBER 28, 1993**
 Signature and Seal of Professional Surveyor *[Signature]*
 Certificate No. **LARRY W. BUSBY R.P.S. #11398**
LWB / 99302-1 / 455E

OFFSET OPERATORS AND WELLS

CHUZA OPERATING
PO BOX 953
MIDLAND, TEXAS 79702
(915) 686-8985

KELTON OPERATING
PO BOX 276
ANDREWS, TEXAS 79714
(915) 523-6535

NOTIFICATION:

BUREAU OF LAND MANAGEMENT
PO BOX 1778
CARLSBAD, NEW MEXICO 88221-1778

SAMEDAN OIL CORPORATION

12600 NORTHBOROUGH, #250
HOUSTON, TEXAS 77067
(713) 876-6150 FAX (713) 876-6106

January 6, 1995

Chuza Operating
PO Box 953
Midland, Texas 79702

RE **Down Hole Commingling**
 Branex Federal #1
 Unit L, Sec 12, T-23S, R-37E, Lea County
 Cline Tubb (Assoc) Zone
 Cline Lower Paddock/Blinebry Zone

This is to notify you as an offset operator of the Branex Federal #1, that we are applying for administrative approval for down hole commingling of Tubb (Assoc) and Lower Paddock/Blinebry production in the above mentioned well.

If you have any questions please contact Gary Hendricks at (713) 876-6150. If you have no objections please sign and return the enclosed letter to the New Mexico Oil Conservation Commission in the self-addressed stamped envelope as soon as possible to expedite matters. Any objections must be filed with the Commission within 20 days of the date of this letter.

Thank you for your time and consideration in this matter.

Sincerely



Judy Throneberry
Division Production Clerk

attachments

xc: Oil Conservation Division
Santa Fe, NM

SAMEDAN OIL CORPORATION

12600 NORTHBOROUGH, #250
HOUSTON, TEXAS 77067
(713) 876-6150 FAX (713) 876-6106

January 6, 1995

**Kelton Operating Company
PO Box 276
Andrews, Texas 79714**

**RE Down Hole Commingling
 Branex Federal #1
 Unit L, Sec 12, T-23S, R-37E, Lea County
 Cline Tubb (Assoc) Zone
 Cline Lower Paddock/Blinebry Zone**

This is to notify you as an offset operator of the Branex Federal #1, that we are applying for administrative approval for down hole commingling of Tubb (Assoc) and Lower Paddock/Blinebry production in the above mentioned well.

If you have any questions please contact Gary Hendricks at (713) 876-6150. If you have no objections please sign and return the enclosed letter to the New Mexico Oil Conservation Commission in the self-addressed stamped envelope as soon as possible to expedite matters. Any objections must be filed with the Commission within 20 days of the date of this letter.

Thank you for your time and consideration in this matter.

Sincerely



**Judy Throneberry
Division Production Clerk**

attachments

**xc: Oil Conservation Division
Santa Fe, NM**

SAMEDAN OIL CORPORATION

12600 NORTHBOROUGH, #250
HOUSTON, TEXAS 77067
(713) 876-6150 FAX (713) 876-6106

January 6, 1995

**Bureau of Land Management
PO Box 1778
Carlsbad, NM 88221-1778**

Gentlemen:

**RE: *Down Hole Commingling
Branex Federal Well #1
Unit L, Sec 12, T-23S, R-37E, Lea County, NM
Cline Tubb (Assoc) Zone
Cline Lower Paddock/Blinebry Zone***

This is to notify you of our application for administrative approval for down hole commingling of production in the above mentioned zones for the Branex Federal Well #1. I have attached a copy of the application.

If you have any questions please contact Gary Hendricks at (713) 876-6150.

Thank you,



**Judy Throneberry
Division Production Clerk**

attachments

**xc: Oil Conservation Division
Santa Fe, NM**

Submit 2 copies to Appropriate District Office.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator 020153 Samedan Oil Corporation		Pool 12411 Cline Lower Paddock/B1 Inebry		County Lea												
Address 12600 Northborough, #250, Houston, Texas 77067		TYPE OF TEST - (X) <input type="checkbox"/> Scheduled <input type="checkbox"/> Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>														
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	SIZE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT./BBL.		
		U	S	T							R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.	GAS M.C.F.
013307 Branex Federal	1	L	12	23S	37E	01/05/95	F	24/64	185		24	4	40.2	8	194	24250

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Signature Judy Throneberry

Printed name and title
Judy Throneberry, Div Production Clerk

Date
01/06/95

Telephone No.
713-876-6150

Submit 2 copies to Appropriate District Office.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator 020153 - Samedan Oil Corporation		Pool 12440 Cline Tubb (Assoc)		County Lea											
Address 12600 Northborough, #250, Houston, Texas 77067		DATE OF TEST		TYPE OF TEST - (X)											
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	SCHEDULED	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PRODUCTION DURING TEST			GAS - OIL RATIO CU FT/ BBL		
		U	S	T	R					WATER BBL.	GRAV. OIL	OIL BBL.		GAS M.C.F.	
013307 Branex Federal	1	L	12	23S	37E	05/04/94	F	16/64	200	24	30	39.6	5	170	34000
The Cline Tubb (Assoc) zone has been TA since 7/94.															

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Signature Judy Throneberry

Printed name and title
Judy Throneberry, Div Production Clerk

Date 04/06/95 713-876-6150

Telephone No.

**Application to Downhole Commingle
Samedan Oil Corporation
Branex Federal #1
Unit letter L, Section 12, T-23-S, R-37-E. Lea County, New Mexico**

5. WELL HISTORY
See Well Configuration Sketches.

PROGNOSTICATION OF FUTURE PRODUCTION

Production decline rates for both zones Tubb and Lower Paddock/Blinebry can be assumed to be similar. Estimated monthly production for 1995 is submitted below based on latest production rates declined 50% annually. These declines were derived from other Samedan operated producing wells in the Cline Pools.

1995 ESTIMATE PRODUCTION

	TUBB			LOWER PADDOCK/BLINEBRY		
	OIL	WATER	GAS	OIL	WATER	GAS
Jan	150	150	5100	300	150	6000
Feb	142	150	4814	283	150	5663
Mar	134	150	4543	267	150	5345
Apr	126	150	4289	252	150	5045
May	119	150	4048	238	150	4762
Jun	113	150	3821	225	150	4495
Jul	106	150	3606	212	150	4243
Aug	100	150	3404	200	150	4005
Sep	95	150	3213	189	150	3780
Oct	89	150	3033	178	150	3567
Nov	84	150	2862	168	150	3367
Dec	80	150	2702	159	150	3178

ESTIMATED COMBINED PRODUCTION

	OIL	WATER	GAS
Jan	450	30	11100
Feb	425	30	10477
Mar	401	30	9888
Apr	378	30	9334
May	357	30	8810
Jun	338	30	8581
Jul	318	30	7849
Aug	300	30	7409
Sep	284	30	6993
Oct	267	30	6600
Nov	252	30	6229
Dec	239	30	5880

**Application to Downhole Commingle
Samedan Oil Corporation
Branex Federal #1
Unit letter L, Section 12, T-23-S, R-37-E. Lea County, New Mexico**

6. ESTIMATED BHP FOR EACH ARTIFICIALLY LIFTED ZONE

The wellbore will produce from the Tubb and Lower Paddock/Blinebry zones. Both producing zones will be artificially lifted. Measured BHP data for this well is not available. However, based on production rates and the fact that both zones will require artificial lift, it is estimated that each zone will be relatively close to the same BHP. Cross flow will not occur due to the fact that production will be artificially lifted and no differential pressure will exist.

7. FLUID DESCRIPTION OF EACH ZONE

Tubb Zone: Crude Oil, 33.8° API @ 60° F.
Produced water: SG = 1.055 @ 80°F, TDS - 10106 PPM
Total hardness = 19810 PPM

Lower Paddock/Blinebry zone: Crude Oil, 40° API @ 60°F.
Produced water: SG = 1.102 @ 60°F, TDS = 122744 PPM
Total Hardness = 24545 PPM

Permission to surface commingle production from the Cline Tubb and Cline Lower Paddock/Blinebry Zones has been previously approved by the NMOCD for the Sharp Well #1 in the Cline Pool under order PC-887. No adverse affects have occurred due to surface commingling. It is anticipated that fluid characteristics will not significantly change at the BHP or temperatures and no adverse conditions would be created by down hole commingling.

8. FOR VALUES OF PRODUCTION

Samedan owns and operates 100% of the Branex Federal Lease. We plan to surface commingle the production from the Tubb and Lower Paddock/Blinebry Pools. The commingled gravity at 60° on the offset Sharp lease is 38.7°. No reduction in valve has been realized by downhole commingling the Sharp lease and no reduction is anticipated for the Branex Federal #1.

9. FORMULA FOR ALLOCATION OF PRODUCTION

Production was allocated based on the projected production for the two reservoirs, since no history has been obtained from the Tubb Pool.

	<u>OIL</u>	<u>GAS</u>	<u>WTR</u>
Lower Paddock/Blinebry	66.7%	54.1%	50%
Tubb	33.3%	45.9%	50%

Samedan Oil Corporation
Configuration After Commingling

Branex Federal #1
Well Name

Lea, New Mexico
County, State

2310' FSL and 660' FWL
Section 12, T-23-S, R-37-E

Location
3281 GL
Elevation

Apr-94

Perforate the Tubb as follows:
6102-05 (4 holes), 6108-15 (8 holes),
6132-36 (5 holes), 6141, 6143,
6146-48 (3 holes), 6154-60 (7 holes)
6165-68 (4 holes) Total 33 holes

Acidize with 1500 gals 15% NEFE
HCL and 60 balls at 3000 psi at 4
BPM. No ball action
Frac down the casing with 28000
gals Spectra-Frac G-3000 with
84000# 20/40 Ottawa sand and
16000# 20/40 CRS sand as follows:
Pump 10000 gallons pad
Pump 3000 gals with 2 ppg
Pump 4000 gals with 4 ppg
Pump 5000 gals with 6 ppg
Pump 4000 gals with 8 ppg
Pump 2000 gals with 8 ppg CRS
Average rate 20 BPM at 2000 psi.

Flow test Tubb zone for one week
Potential test dated 5-1-94 flowing
2 BOPD, 23 BWPD and 170 MCFPD
at 180 psi on a 16/64" choke.

Set plug in top of Lokset packer at
5995'.

May-94

Perforate the Paddock as follows:
5601-04 (4 holes), 5606-08 (3 holes),
5612-14 (3 holes), 5617-19 (3 holes)
5622-32 (11 holes), 5640, 5641
Total 26 holes

Acidize with 1500 gallons 15% NEFE
HCL with 40 balls at 4 BPM and
2300 psi. No ball action.

- o 5601 Frac with 22000 gallons 30# Borate
gel containing 76000# 20/40 Ottawa
sand and 16000# CRS sand as
follows:
- o 5641 Pump 8000 gallons gelled pad
Pump 1000 gals with 2 ppg
Pump 2000 gals with 4 ppg
Pump 3000 gals with 6 ppg
- o 5995 Pump 6000 gals with 8 ppg
Pump 2000 gals with 8 ppg CRS
- o 6102 Average rate 15 BPM at 900 psi.

- o Well kicked off flowing and
potentialed on 5-10-94 flowing
- o 6168 30 BOPD, 110 BWPD and 706
MCFPD.

13 3/8" 48# H-40 casing at 892'.
Cemented with 400 sacks Class C
with 4% gel and 2% CaCl2. Tail in
with 200 sacks Class C with 2%
CaCl2. Circ 45 sacks to pit

Note: 11" hole drilled from surface
casing to 3300'. 7 7/8" hole drilled
from 3300' to TD.

Well will produce commingled from
the Blinbry and Tubb reservoirs
utilizing rod pumping artificial lift.

5 1/2" 15.5# J-55 casing at 6300'.
Cemented with 1150 sacks Class C
with 16% gel, 5# salt, 1/4# flocele
and 0.4% CFR3. Pump 450 sacks
Class C Light with 5#/sk salt, 1/4#
flocele and 0.4% Halad 9. Tail in
with 250 sacks Class H 50/50 Poz
with 3#/sk KCL and 0.4% Halad 9.
Circ 95 sacks to the pit.

Samedan Oil Corporation
Current Configuration

Branex Federal #1
Well Name

Lea, New Mexico
County, State

2310' FSL and 660' FWL
Section 12, T-23-S, R-37-E

Location
3281 GL
Elevation

Apr-94

Perforate the Tubb as follows:
6102-05 (4 holes), 6108-15 (8 holes),
6132-36 (5 holes), 6141, 6143,
6146-48 (3 holes), 6154-60 (7 holes)
6165-68 (4 holes) Total 33 holes

Acidize with 1500 gals 15% NEFE
HCL and 60 balls at 3000 psi at 4
BPM. No ball action
Frac down the casing with 28000
gals Spectra-Frac G-3000 with
84000# 20/40 Ottawa sand and
16000# 20/40 CRS sand as follows:
Pump 10000 gallons pad
Pump 3000 gals with 2 ppg
Pump 4000 gals with 4 ppg
Pump 5000 gals with 6 ppg
Pump 4000 gals with 8 ppg
Pump 2000 gals with 8 ppg CRS
Average rate 20 BPM at 2000 psi.

Flow test Tubb zone for one week
Potential test dated 5-1-94 flowing
2 BOPD, 23 BWPD and 170 MCFPD
at 180 psi on a 16/64" choke.

Set plug in top of Lokset packer at
5995'.

May-94

Perforate the Paddock as follows:
5601-04 (4 holes), 5606-08 (3 holes),
5612-14 (3 holes), 5617-19 (3 holes)
5622-32 (11 holes), 5640, 5641
Total 26 holes

Acidize with 1500 gallons 15% NEFE
HCL with 40 balls at 4 BPM and
2300 psi. No ball action.

5601 Frac with 22000 gallons 30# Borate
gel containing 76000# 20/40 Ottawa
sand and 16000# CRS sand as
follows:
5641 Pump 8000 gallons gelled pad
Pump 1000 gals with 2 ppg
Pump 2000 gals with 4 ppg
Pump 3000 gals with 6 ppg
5995 Pump 6000 gals with 8 ppg
Pump 2000 gals with 8 ppg CRS
6102 Average rate 15 BPM at 900 psi.

Well kicked off flowing and
potentialed on 5-10-94 flowing
30 BOPD, 110 BWPD and 706
MCFPD.

13 3/8" 48# H-40 casing at 892'.
Cemented with 400 sacks Class C
with 4% gel and 2% CaCl2. Tail in
with 200 sacks Class C with 2%
CaCl2. Circ 45 sacks to pit

Note: 11" hole drilled from surface
casing to 3300'. 7 7/8" hole drilled
from 3300' to TD.

Well flowing up 2 3/8" tubing with
no packer in the hole.

Baker Lokset at 5995' with 1.50
plug in profile in top of the packer.

5 1/2" 15.5# J-55 casing at 6300'.
Cemented with 1150 sacks Class C
with 16% gel, 5# salt, 1/4# flocele
and 0.4% CFR3. Pump 450 sacks
Class C Light with 5#/sk salt, 1/4#
flocele and 0.4% Halad 9. Tail in
with 250 sacks Class H 50/50 Poz
with 3#/sk KCL and 0.4% Halad 9.
Circ 95 sacks to the pit.

XX XX

o
o
o
o
o
o
o
o

**Samedan Oil Corporation
Branex Federal #1
Summary of Production**

Branex Fed #1			
Blinebry			
Month/Yr	BOPM	MCFPM	BWPM
May-94	95	2360	615
Jun-94	526	6146	253
Jul-94	788	12299	296
Aug-94	551	10928	193
Sep-94	426	8758	145
Oct-94	393	7800	166
Totals	2779	48291	1668

OIL CONSERVATION DIVISION
RECEIVED

'95 JAN 17 AM 8 52

DHC 1089

January 6, 1995

New Mexico Oil Conservation Commission
PO Box 2088
Santa Fe, New Mexico 87504

ATTENTION; MR. BILL LEMAY

RE: DOWN HOLE COMMINGLING PERMIT

This is to advise that we have been notified of Samedan Oil Corporation's application to down hole commingle the following described well in accordance with Commission Regulations:

Unit L, Sec 12, T-23S, R-37E, Lea County, NM
Branex Federal Well #1
Cline Tubb (Assoc)
Cline Lower Paddock/Blinebry

We,, as an off-set operator, have no objection to the proposed down hole commingling of the Tubb (Assoc) and Lower Paddock/Blinebry zones.

Very truly yours,

KELTON OPERATING COMPANY
PO BOX 276
ANDREWS, TEXAS 79714

BY 

NAME C. DALE KELTON, PRESIDENT

DATE JANUARY 10, 1995



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
RECEIVED OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

'95 JAN 13 AM 8 52 - 10-95

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-8161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DHC-1089

RE: Proposed:

- MC _____
- DHC _____ *X*
- NSL _____
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

<i>Samedan Oil Corp</i>	<i>Branex Fed</i>	<i>#1-L</i>	<i>12-23-37</i>
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed