

4-23-95

SAMEDAN OIL CORPORATION

12600 NORTHBOROUGH, #250

HOUSTON, TEXAS 77067

(713) 876-6150 FAX (713) 876-6106

OIL CONSERVATION DIVISION
RECEIVED

1995 APR 3 PM 8 52

March 28, 1995

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

Atten: William LeMay:

**RE: Down Hole Commingling
Sarah B Well #2
Unit K, 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. Listing address and a copy of the letter of notification to offset operators and the Bureau of Land Management.**
- 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
BLM**

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

SAMEDAN OIL CORP
 RECEIVED

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

MAR 8 1993

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

WELL LOCATION AND ACREAGE DEDICATION PLAT MIDLAND OFFICE

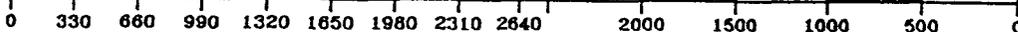
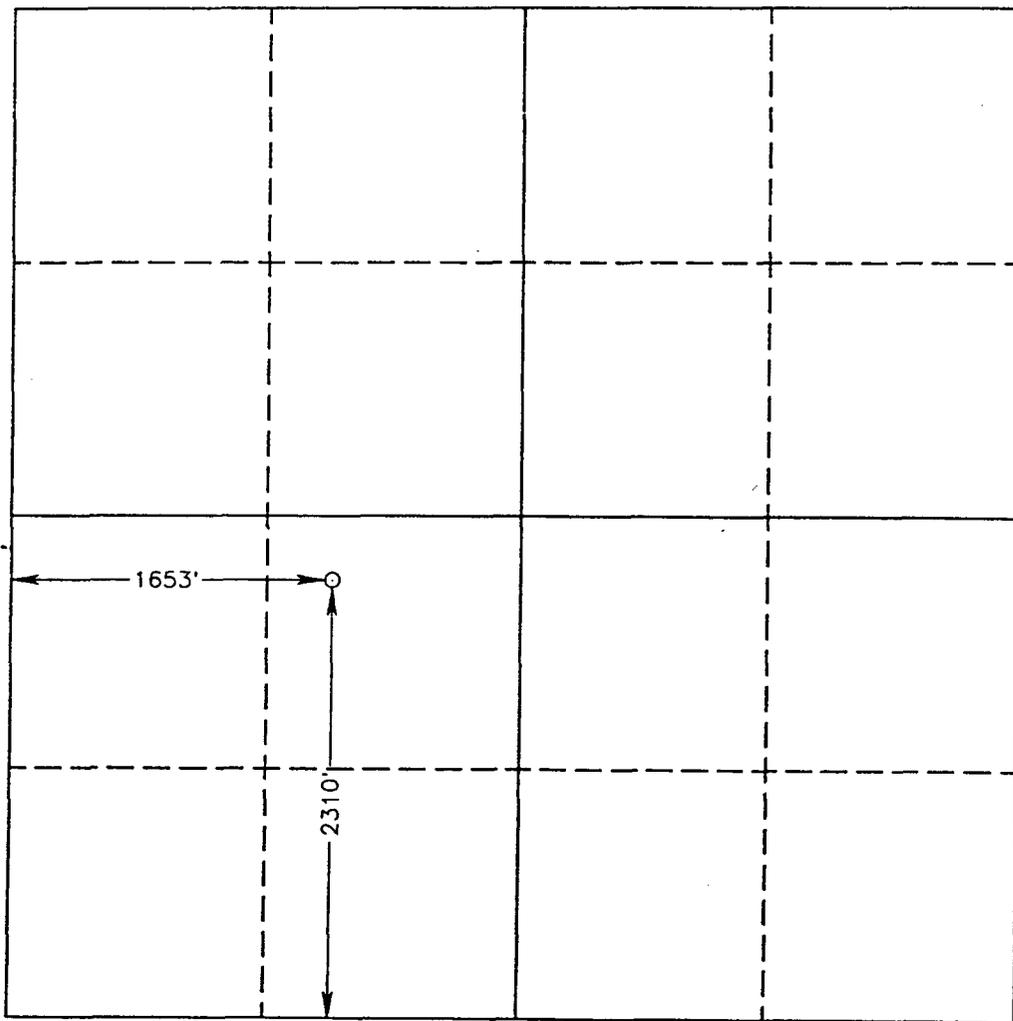
All Distances must be from the outer boundaries of the section

Operator SAMEDAN OIL CORPORATION		Lease SARAH "B"		Well No. 2
Unit Letter K	Section 12	Township 23 SOUTH	Range 37 EAST NMPM	County LEA
Actual Footage Location of Well: 2310 feet from the SOUTH line and 1653 feet from the WEST line				
Ground Level Elev. 3300.8'	Producing Formation Cline	Pool Lower Paddock/Blinebry		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
 Yes No If answer is "yes" type of consolidation _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Judy Throneberry
 Signature

Judy Throneberry
 Printed Name

Div Prod Clerk
 Position

Samedan Oil Corporation
 Company

03/28/95
 Date

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
 MARCH 04, 1993

Signature & Seal of Professional Surveyor

Certificate No. JOHN W. WEST, 676
 RONALD J. EDSON, 3239
 GARY L. JONES, 7977
 95-11-0565

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

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

MAR 8 1993

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WELL LOCATION AND ACREAGE DEDICATION PLAT MIDLAND OFFICE

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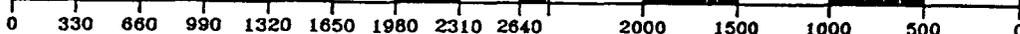
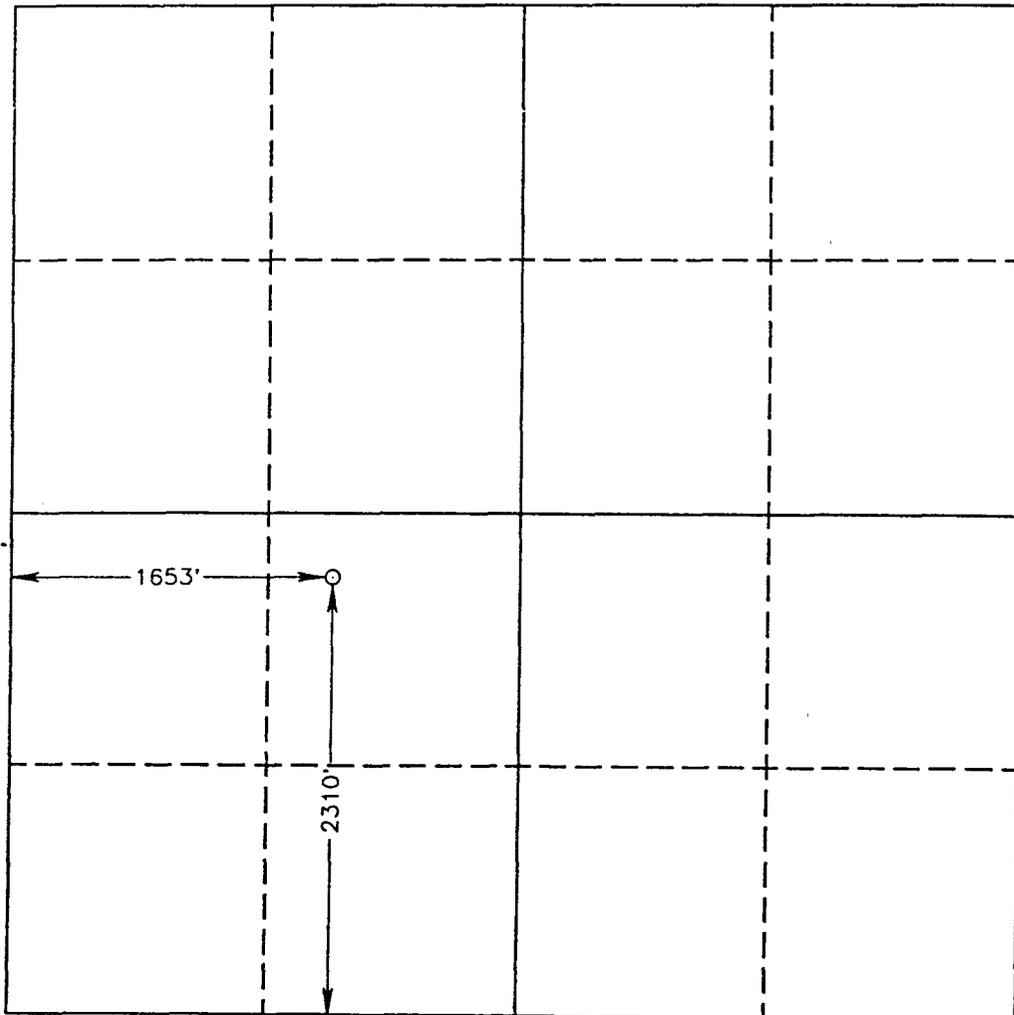
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Unit Letter K	Section 12	Township 23 SOUTH	Range 37 EAST NMPM	County LEA
Actual Footage Location of Well:				
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Ground Level Elev. 3300.8'	Producing Formation Cline	Pool Tubb (Assoc)	Dedicated Acreage: 40 Acres	

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Judy Throneberry
 Signature

Judy Throneberry
 Printed Name

Div Prod Clerk
 Position
 Samedan Oil Corporation
 Company

03/28/95
 Date

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Date Surveyed
 MARCH 04, 1993

Signature & Seal of Professional Surveyor

Certificate No. JOHN W. WEST, 676
 RONALD J. EDSON, 3239
 GABRIEL JONES, 7977
 95-11-9365

OFFSET OPERATORS

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

March 28, 1995

**Chuza Operating
PO Box 953
Midland, Texas 79702**

**RE Down Hole Commingling
 Sarah B Well #2
 Unit K, 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 *Sarah B Well #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**

March 28, 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 K, Sec 12, T-23S, R-37E, Lea County, NM
Sarah B Well #2
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,

**CHUZA OPERATING
PO BOX 953
MIDLAND, TEXAS 79702**

BY _____

NAME _____

DATE _____

SAMEDAN OIL CORPORATION

12600 NORTHBOROUGH, #250

HOUSTON, TEXAS 77067

(713) 876-6150 FAX (713) 876-6106

March 28, 1995

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

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Sarah B Well #2
Unit K, Sec 12, T-23S, R-37E, Lea County
Cline Tubb (Assoc) Zone
Cline Lower Paddock/Blinebry Zone**

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Division Production Clerk**

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Santa Fe, NM**

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Santa Fe, New Mexico 87504

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Very truly yours,

KELTON OPERATING COMPANY
PO BOX 276
ANDREWS, TEXAS 79714

BY _____

NAME _____

DATE _____

SAMEDAN OIL CORPORATION

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

March 28, 1995

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

Gentlemen:

***RE: Down Hole Commingling
Sarah B Well #2
Unit K, Sec 12, T-23S, R-37E, Lea County, NM
Cline Tubb (Assoc) Zone
Cline Lower Paddock/Blinbry 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 Sarah B 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

OIL CONSERVATION DIVISION

State of New Mexico
 Energy, Minerals and Natural Resources Department
 P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

Form C-116
 Revised 1/1/89

GAS - OIL RATIO TEST

Operator Samedan Oil Corporation		Pool Cline Lower Paddock/Blinebry (12411)		County Lea											
Address 12600 Northborough, #250, Houston, Texas 77067		TYPE OF TEST - (X) <input checked="" type="checkbox"/> P		Scheduled <input type="checkbox"/> Competition <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION				DATE 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.
009902 Sarah B	2	K	12	23S	37E	03/16/95				24	48	39.2	7	31	4429

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 PROD Clerk

Date 03/28/95 Telephone No. 713 876-6150

Submit 2 copies to Appropriate District Office.

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P.O. Box 1980, Hobbs, NM 88240

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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 Samedan Oil Corporation (020153)		Pool 12440 Cline Tubb (Assoc)		County Lea												
Address 12600 Northborough, #250, Houston, Texas 77067		TYPE OF TEST - (X) Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>		Completion <input type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	SCHEDULED TESTS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS M.C.F.	GAS - OIL RATIO CU FT/BBL.		
		U	S	T							R	WATER BBL.S.			GRAV. OIL	
009902 Sarah B	2	K	12	23S	37E	03/15/95	F	22/64	100		24	4	39.2	4	100	25,000

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.

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Signature Judy Throneberry

Printed name and title
Judy Throneberry, Div Production Clerk

Date 03/28/95 Telephone No. 713 876-6150

**Application to Downhole Commingle
Samedan Oil Corporation
Sarah B #2
Unit letter K, 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 the next 12 months is submitted below based on latest production rates declined 50% annually. These declines were derived from analysis of the production history of the Sarah B #2 and other Samedan operated producing wells in the Cline Pools.

12 MONTH FUTURE ESTIMATE OF PRODUCTION

	TUBB			LOWER PADDOCK/BLINEBRY		
	OIL	WATER	GAS	OIL	WATER	GAS
First	120	120	3500	200	1200	1200
Second	113	113	3303	189	1133	1133
Third	107	107	3118	178	1069	1069
Fourth	101	101	2943	168	1009	1009
Fifth	95	95	2778	158	952	952
Sixth	90	90	2622	150	899	899
Seventh	85	85	2475	141	849	849
Eighth	80	80	2336	133	801	801
Ninth	76	76	2205	126	756	756
Tenth	71	71	2081	119	714	714
Eleventh	67	67	1964	112	673	673
Twelfth	64	64	1854	106	636	636

ESTIMATED COMBINED PRODUCTION

	OIL	WATER	GAS
First	320	1320	4700
Second	302	1246	4436
Third	285	1176	4187
Fourth	269	1110	3952
Fifth	253	1047	3730
Sixth	240	989	3521
Seventh	226	934	3324
Eighth	213	881	3137
Ninth	202	832	2961
Tenth	190	785	2795
Eleventh	179	740	2637
Twelfth	170	700	2490

**Application to Downhole Commingle
Samedan Oil Corporation
Sarah B #2
Unit letter K, 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. The Tubb zone currently flows, however the tubing pressure has declined from over 1000 psi to approximately 100 psi. The Lower Paddock/Blinebry zone is currently artificially lifted. Commingled production from 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 Pools has been previously approved by the NMOCD for the Sarah B #2 Well under order PC-847. 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 100% of the Sarah B Lease. The oil produced from the Tubb Pool and Lower Paddock/Blinebry Pool in the Sarah B #1 and B #2 is currently commingled. No reduction in valve was realized by downhole commingling the Sarah B #1 and no reduction is anticipated for the Sarah B #2.

9. FORMULA FOR ALLOCATION OF PRODUCTION

Production was allocated based on the projected production for the two reservoirs. This allocation is shown below:

	<u>OIL</u>	<u>GAS</u>	<u>WTR</u>
Lower Paddock/Blinebry	62.5%	25.5%	90.9%
Tubb	37.5%	74.5%	9.1%

Samedan Oil Corporation
Sarah B #2
Summary of Production
Cline Blinebry and Tubb Pools

Month/Yr	Tubb			Blinebry		
	BOPM	MCFPM	BWPM	BOPM	MCFPM	BWPM
Aug-93	539	1,534	0	0	0	0
Sep-93	72	771	62	255	834	335
Oct-93	447	6,230	73	1,275	5,496	489
Nov-93	195	5,800	115	1,001	6,090	277
Dec-93	93	6,419	113	917	6,404	242
Jan-94	184	8,122	69	845	4,362	244
Feb-94	106	6,288	48	901	2,418	157
Mar-94	113	6,604	52	612	2,585	225
Apr-94	50	3,731	21	12	36	1,026
May-94	108	6,519	79	416	1,237	772
Jun-94	94	12,627	148	312	1,574	1,677
Jul-94	146	11,705	211	420	1,949	1,532
Aug-94	139	11,065	182	365	1,878	1,552
Sep-94	129	9,654	146	366	1,783	1,309
Oct-94	126	8,131	141	330	1,785	1,545
Nov-94	123	7,945	155	292	1,808	1,269
Dec-94	120	6,718	127	315	1,771	1,271
Jan-95	119	5,315	133	214	1,200	1,050
Feb-95	111	3,843	122	193	1,283	1,404
Totals	3,014	129,021	1,997	9,041	44,493	16,376

Samedan Oil Corporation
Current Producing Configuration

Sarah B #2
Well Name

Lea, New Mexico
County, State

2310' FSL and 1803' FWL
Section 12, T-23-S, R-37-E
Location
3302 GL
Elevation

Jul-93

Perforate the Tubb as follows:
6130-32 (3 holes), 6134-38 (5 holes),
6140-43 (4 holes), 6150-52 (3 holes),
6160-62 (3 holes), 6164-68 (5 holes),
6171-75 (5 holes), 6184-90 (7 holes)
Total 35 holes

Acidize with 1500 gals 15% NEFE
HCL and 50 balls at 3 BPM at 3000
psi. 100 psi increase due to balls

Well kicked off flowing. SI well to
tie in pipeline

Sep-93

Frac well with 29000 gals 40Q foam
and 77,000# 20/40 sand as follows:

Pump 10000 gals pad
Pump 2000 gals with 1 ppg
Pump 2000 gals with 2 ppg
Pump 3000 gals with 3 ppg
Pump 3000 gals with 4 ppg
Pump 4000 gals with 5 ppg
Pump 5000 gals with 6 ppg
Flush with 40Q foam
Rate 25-30 BPM at 2300 psi

Clean out sand to PBTD of 6205'.
Set Lokset packer with 1.50" profile
at 6081'

5456 Perforate the Blinebry as follows:

xx 5642-46 (5 holes), 5654-56 (3 holes),
xx 5658-60 (3 holes), 5662-71 (10 holes),
xx 5676-81 (6 holes) Total 27 holes

xx 5530

Acidize with 1750 gals 15% NEFE
HCL and 60 balls at 4.5 BPM at 2600
psi. Ball out to 4000 psi

5642 Frac with 33000 gals 40Q foam and

o 68620# 20/40 sand and 15,000#
o 20/40 CRS sand at 25 BPM and
o 1700 psi. Sand concentration

o 5681 ramped from 1-6 ppg.

Clean out well to packer. TIH with
2 1/16" 10 RD IJ tubing and on/off

xx 6078 tool. Engage packer at 6081'

Ran 2 1/16" 10 RD IJ tubing and set
at 5613'. Pulled plug out of packer
and completed well as a dual
producer in the Cline Tubb Pool
and Cline Blinebry Pool

o 6130
o
o
o 6190

Oct-94

Set 228 pumping unit and ran rods
and pump in Blinebry. Blinebry now
pumping and Tubb flowing.

13 3/8" 48# H-40 casing at 925'.
Cemented with 560 sacks Class C
with 4% gel and 2% CaCl2. Tail in
with 200 sacks Class C with 2%
CaCl2. Circ 250 sacks

Note: 11" hole drilled from surface
casing to 3617'. 7 7/8" hole drilled
from 3617' to TD.

Apr-94

Isolate Tubb and Blinebry.

Perforate the Paddock as follows
5456-58 (5 holes), 5479-81 (5 holes),
5483-85 (5 holes), 5493-96 (7 holes),
5504-08 (9 holes), 5528-30 (5 holes)

Acidize with 2000 gals 15% NEFE
HCL and 67 balls at 3.8 BPM at 3050
psi. Balled out

Frac with 22,444 gals gel with
58,000# 20/40 Ottawa and 16,000#
20/40 CRS sand at 20 BPM and
1400 psi.

Pump test well and well produced
0 BO, 106 BW and 0 MCF

Squeeze Upper Paddock with 150
sacks Class C with 0.3% Halad 9
tailing in with 150 sacks Class C
with 1% CaCl2 and 5# sand/sk
Sqz to 3300 psi.

Drill out and test squeezed perms to
1000 psi.

Reran production equipment and
return well to dual operation as a
Blinebry pumping well and a Tubb
flowing well. Baker Lokset packer
now set at 6078'.

xx xx xx

xx

5 1/2" 17# J-55 casing at 6250'.
Cemented with 900 sacks Class C
with 16% gel, 5# salt, 1/4# flocele
and 0.4% CFR3. Tail in with 250
sacks 50/50 Poz with 3#/sk KCL,
0.4% Halad 9. Did not circ. Ran
TOC svy, TOC at 1100'

Samedan Oil Corporation
Configuration after Commingling

Sarah B #2
Well Name

Lea, New Mexico
County, State

2310' FSL and 1803' FWL
Section 12, T-23-S, R-37-E

Location
3302 GL

Elevation

Jul-93

Perforate the Tubb as follows:
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Total 35 holes

Acidize with 1500 gals 15% NEFE
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psi. 100 psi increase due to balls

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Sep-93

Frac well with 29000 gals 40Q foam
and 77,000# 20/40 sand as follows:

Pump 10000 gals pad
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Pump 3000 gals with 3 ppg
Pump 3000 gals with 4 ppg
Pump 4000 gals with 5 ppg
Pump 5000 gals with 6 ppg

Flush with 40Q foam
Rate 25-30 BPM at 2300 psi

Clean out sand to PBTD of 6205'.
Set Lokset packer with 1.50" profile
at 6081'

5456 Perforate the Blinebry as follows:
5642-46 (5 holes), 5654-56 (3 holes),
5658-60 (3 holes), 5662-71 (10 holes),
5676-81 (6 holes) Total 27 holes

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xx
xx
xx

5530
Acidize with 1750 gals 15% NEFE
HCL and 60 balls at 4.5 BPM at 2600
psi. Ball out to 4000 psi

5642 Frac with 33000 gals 40Q foam and
68620# 20/40 sand and 15,000#
20/40 CRS sand at 25 BPM and
1700 psi. Sand concentration

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5681 ramped from 1-6 ppg.

Clean out well to packer. TIH with
2 1/16" 10 RD IJ tubing and on/off
tool. Engage packer at 6081'

6130 Ran 2 1/16" 10 RD IJ tubing and set
at 5613'. Pulled plug out of packer
and completed well as a dual
producer in the Cline Tubb Pool
and Cline Blinebry Pool

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6190

Oct-94

Set 228 pumping unit and ran rods
and pump in Blinebry. Blinebry now
pumping and Tubb flowing.

13 3/8" 48# H-40 casing at 925'.
Cemented with 560 sacks Class C
with 4% gel and 2% CaCl2. Tail in
with 200 sacks Class C with 2%
CaCl2. Circ 250 sacks

Note: 11" hole drilled from surface
casing to 3617'. 7 7/8" hole drilled
from 3617' to TD.

Apr-94

Isolate Tubb and Blinebry.
Perforate the Paddock as follows
5456-58 (5 holes), 5479-81 (5 holes),
5483-85 (5 holes), 5493-96 (7 holes),
5504-08 (9 holes), 5528-30 (5 holes)

Acidize with 2000 gals 15% NEFE
HCL and 67 balls at 3.8 BPM at 3050
psi. Balled out

Frac with 22,444 gals gel with
58,000# 20/40 Ottawa and 16,000#
20/40 CRS sand at 20 BPM and
1400 psi.

Pump test well and well produced
0 BO, 106 BW and 0 MCF

Squeeze Upper Paddock with 150
sacks Class C with 0.3% Halad 9
tailing in with 150 sacks Class C
with 1% CaCl2 and 5# sand/sk
Sqz to 3300 psi.

Drill out and test squeezed perms to
1000 psi.

Reran production equipment and
return well to dual operation as a
Blinebry pumping well and a Tubb
flowing well. Baker Lokset packer
now set at 6078'.

5 1/2" 17# J-55 casing at 6250'.
Cemented with 900 sacks Class C
with 16% gel, 5# salt, 1/4# flocele
and 0.4% CFR3. Tail in with 250
sacks 50/50 Poz with 3#/sk KCL,
0.4% Halad 9. Did not circ. Ran
TOC svy, TOC at 1100'