

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

GOVERNOR

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

DHC-1189

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

RE: Proposed: MC DHC NSL NSP SWD WFX PMX

Gentlemen:

I have examined the application for the:

Hix 4 Federal #-L 4 -2:35-376 Samea analis don Operator

and my recommendations are as follows:

Yours) very truly, Jerry Sexter Supervisor, District 1

/ed

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

February 1, 1996

Oil Conservation Division **2040 South Pacheco** PO Box 6429 Santa Fe, New Mexico 87505

Atten: William LeMay:

Exception to Rule 303-A RE: Administrative Approval to Downhole Commingle Langlie Mattix "4" Federal #1 Teague, N. Lower Pad-Blinebry (Associated) Teague, N. Tubb (Associated) Teague, N. Drinkard-Abo Unit Letter L, Section 4, T-23-S, R-37-E Lea County, New Mexico

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

We have enclosed the following:

6

- 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 Gary Hendricks, (713) 876-6150, or myself.

Thank you,

Judy Aroncherry

attachments

xc: OCC - Hobbs District BLM

SAMEDAN OIL CORPORATION LANGLIE MATTIX "4" FEDERAL #1 TEAGUE NORTH FIELD LEA COUNTY, NEW MEXICO

•...

-

Offset Ownership Map

..

	The second se	8.9 m Marty Pro 1 Anna Anna Anna Anna Anna Anna Anna An
a Greenen [17] in Jone in a start	Training and the second s	talla feile total and sorte out ers ! contil frit
Learne de profession de Tell Ande al		Autor and a state of a
2 (Dipport is u) . the state of the state	There is teneco is teneco is Anadora	Dellerd Drets of Aspe Atles Se Bobrie Safe Safe
	4 4 4	the state state from the state and the state of the state
	and and the R D. Sime, and R D. Sime, and	FraBlanche E Bayd, MI
Alerena fande in en fanger er in y men er in er in		wan daan staten gan fan stilde Anter fillte
Morole Morole Altractor	upper the saf / read france france	Bair & Charles Bair & Charles & Bair & Charles & Bair & Charles &
and an an an an Arran Arran		The of a set of a set the Tarte Dis Acche
A.Deck Lifest & Low	Antice centre A.D. Sims, etal a C.S. myrord -	terre an and the train of still the best
tien Oil Di Oil _ 45 Out no +12 +	11 Sundan an an in an	Minere Dech forting : Smah B. Hughas der
Tr. 11 PAROSEB LANS	THE PENROSE AMUNIT	Seely HR HR
Arman I the state of the sea of t		A sugar fritten Roll has all
(11) The Second at Line works Tr 12 " Second works in the second	A contra an san a contra a sim ater	Ante that see [P Sime provent Good W. Sime, Leber 24
Stand Standard Trelling Land Trelling Trelling	Mine office of the second seco	Andrew Legrand sitten Sill Services and Services at Services at the services and services at the services at t
Control office Printing . Tr 14 (12 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEXACO (OPER)	Tant tanger Friere Shere Tanta and the
and a first cherry	James of the sing of sing of a sing of the	CS me etc. Richardsmether Anthermongler 04 11
al and a second se		Cart for and the second
ososse and free at a set and the set and the set at a set	Tr.13 - m7457	10.0.P. 1244 1
• • • • • • • • • • • • • • • • • • •	7 de stantes es se rechertes	Services er Pretty Indiana
son etter J.C.E.J.W.Wierts	l'hat ba	Contemptor (Contemptor 1999)
exertie of viel and the weeks	HATTIK T-T	ren de antes en el conece en el conece en el conece
1 ANGLIE	MATTIX B-4" HET Course , and Co	(Conoca, et al)
A stand and the Hagner Jokel Bran Ichard		fine Off 010184 and 2 2 5 2 am
orma a line a line a line	Cherry Pel 1 Canton String Advis Cherry Pel 1 Cancernal	New 14 (
	artig Setting and Strate and Strate	°
All JT Connect (5)	if all all all a manuels was	U.S., MI U.S., MI
Cull PNA ARM III Soler John	AND CALCULAR TO AN TABLE IN THE OWNER AND	om & Evelyn Lineberg Film 15) Tom & Evelyn Lineberg Filt Meridian Eitha Excel
This France Or B OSALST LAN!	137 1 4 9 and read and read and a children the state	044 64104
ist a Charles Outrie Andrews () Shelly	- allayen Bay a 14 - A Sharee	Gui
in sime face JT Disaudie (S)	G-Wegerre prese werd wirden States 2 - 40 Cours	Coneco H.B.P. j elas E-1451 j
the start of the start of Besterl Funne well	The dig 1 at a Nichola 1 at 5 the 1 at a new for	23 n g p
services I amon the first the internation and the service the	Mer fin finder auf an in finder anter ante	Tom & Confyn Linebery Fan fs. 13.1.30 4.1000 4.1000
1	Che the the second of the second	For OLG MIL
$\begin{array}{cccc} c_{1}c_{2}c_{2}c_{3}c_{4}\\ \hline \\ b_{1}c_{2}c_{3}c_{4}\\ \hline \\ b_{1}c_{2}c_{3}c_{4}\\ \hline \\ b_{1}c_{2}c_{3}\\ \hline \\ b_{1}c_{3}\\ \hline \\ b_{1}c_{3}$	Sign Stranger Starter Tom & Evelyn Lineberry Fon(3)	Elmo H, Hunt Store
transfer at the state of the st	tanter te state te st	nderter, w.C. Sarah B. Hughea 1986 - Millioper, Samadan 65469 Aurbz - M.B.P. viggi
Antipat tracks of the A	Lever cart is Munyon'	# 8-914 1949 - 2010 - 22 44 1949 - 2010 - 2010 - 2010 - 2010
	B.W. Weir (5) Boll Soll Soll (1) Soll (S W. C. Holbe Gaine, S
		AZAN KUNT I LAAKA, INCO.
- 「「「」」「「」」」「「」」」」」「「」」」」」」」」」」」」」」」」」」	Carrite Stand 27726 Creteron Control Agent Astron	
Ret Arter Statistic and Breding Westenert	A felin D. Comine, S Ton Londory 13: Ent, alart &	anne Articon Landon annu S. Starte Starte Articon Landon annu S. Starte Sanne Articon Landon annu S. Cites I. Yafes Petiget
Herr Bit and and the state of t	ten auf fart and and an and an	Sporters is a service for the set of the set
	Terece Januar, Espi. Alerteiter (maine the fille	Tomore A tomate

Samedan Oil Corporation Langlie Mattix "4" Federal # 1 Unit Letter P, Section 4, T-23-S, R-37-E Lea County, New Mexico Offset Ownership Map

-

	123S R37E	-
Sec 3	1233	
Texaco	Texaco	Техасо
Texaco	Samedan	Техасо
Texaco 4	1235 A37E Samedan Sametan Samadan	Техасо
Texaco Sec 4	723S Samedan	Техасо
Texaco	Samadan LM 4 #1	Техасо
Техасо	Техасо	Техасо
 5	723S R37E	
Sec 5	723S	

÷

Samedan Acreage is Shaded

•

1/31/96 7:45 AM DISTRICT I

DISTRICT III

. -

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

1000 Rio Brazos Ed., Artec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.0. Box 2088

Santa Fe, New Mexico 87504-2088

CI AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API :	Number			Pool Code				Pool Name		
30-02	5-32743	3	96	314		Teag	ue; Lower Pac	l-Bli N.(Ass	oc)	
Property C					-	erty Nan			Well Num	nber
16069			*		LANGLIE				1	
OGRID No					-	ator Nam			Elevatio	a
20153		L		SAN	EDAN O	L COR	PORATION		3325	•
					Surfa	e Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
L	4	23 S	37 E		16	50	SOUTH	660	WEST	LEA
L		4 	Bottom	Hole Lo	cation 1	f Diffe	rent From Sur	lace	L	L
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
					ł		-			
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.		1.·		L	L
NO 4110										
NO ALLO	WABLS W						UNTIL ALL INTER APPROVED BY		EN CONSOLIDA	ATED
						DEEN	AFFROVED BI			
	T		<u> </u>					OPERATO	R CERTIFICAT	TION
	· · · ·							11		1
									y certify the the in n is true and compl	
				-				11	viedge and beitef.	
	1					1			11	
						1		$\square \square \square$	Aironel	/
	10010							Julay	Monul	ung]
	4.06 <u>AC</u> +	<u>mr 3 -</u>	44.2UAC	TTTT S	- 44.32		<u>07_1 - 44.46AC</u>			F
	1					- 1		Printed Nam	roneberry	
	1					Ì		Div Pro		
	Í					1		Title		
	Ì			1	٠	Ì		11/17/9	5	
	j			1		i		Date		
	i					i				
								SURVEYC	OR CERTIFICAT	HON
	i			Ì		1		I hereby certify	, that the well locat	ion shown
								on this plat w	as plotted from field	d notes of
	1					1			made by me or id that the same is	-
3326.6'	3324.7'					1		11 -	e best of my belie	
	יז ו נ					1			uşt 230,1994	
660'				}		1			the second s	
3322.6'	3322.6					ر 		Date Survey	Seal of	
	·					·- 十 - 1		Professional	Surveyor	
	1					1			, Desan	
650	1			}		1		Monit	1140	1 and
	1							W.O. N	im 94=1.1-1	500
	1					1				÷{
	1					1		Certificate	HOWALD' U. EIDSC	
	1								TURALD J. LIDSC	
L				J						

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

۰.

DISTRICT III

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

State of New Mexico

Energy, Minerais and Natural Resources Department

Form C-102 Revised February 10, 1994 instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

.

OIL CONSERVATION DIVISION P.O. Box 2088 1000 Rio Brazos Rd., Artec, NM 87410

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number			Pool Code				Pool Name		
30-025-32	2743		9631	15		N.	Teague Tubb			
Property	Code	1			Prop	erty Nan			Well Nun	aber
16069					LANGLIE	MATTIX	4		1	
OGRID N	٥.				Oper	ator Nam	ae		Elevatio	a
020153				SAN	AEDAN O	L CORI	PORATION		3325	•
<u> </u>		1			Surfac	ce Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
L	4	23 S	37 E		1	50	SOUTH	660	WEST	LEA
<u>د</u>	+	23 3	1	l	1		I		WESI	
		1					erent From Sur		1	
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
			1		<u> </u>				J	
Dedicated Acres	s Joint o	or Infill Co	nsolidation (Code O	rder No.					
40							· · · · · · · · · · · · · · · · · · ·			
NO ALLO	WABLE W	TILL BE A	SSIGNED	ro this	COMPLE	TION U	JNTIL ALL INTER	ESTS HAVE B	EEN CONSOLID.	ATED
i.,		ORAI	NON-STAN	DARD U	NIT HAS	BEEN	APPROVED BY	THE DIVISION		
	·7			I	······································					
	1					1		OPERATO	OR CERTIFICA	TION
	1					I		11	ny certify the the in	· ·
	1					Í		11	n is true and comp wledge and beilef.	ate to the
	Í					Ī				
	i		•	ļ		i				1
	i					i.				
LOT 4 - 4	4.06AC	<u>lot 3 -</u>	44.20AC	LOT_2	- 44.32		OT_1 - 44.46AC			
	i					i i			oneberry	
				-		i		Printed Nam		
	1					1		Div Prod	Clerk	
	1			{	•	1		Title		
	1					1		08/17/95) 	
	1					1			·····	
	1					 1		SURVEY	OR CERTIFICA	TION
	1			1		1		I herebu certit	y that the well local	ton shown
				1		1		on this plat u	as plotted from fiel	d notes of
	1								made by me or us shat the same is	true and
3396 61	3324 7' 1			ł		1		correct to the	ie best of mir bell	v.
3326.6'	3324.7					1		SA SA		
						ł		S AUG	UST 23, 1994	÷.
7700 0	1102 6					1		Date Survey		
<u> </u>	-3322.6"			+				- Signature & Professional	Seal of	
	1					ł			· A. S	1.11
650'-	1					l		1 Walt	11 la	\mathcal{D}
-165	1				•	ł		1 Uni	NY OD	an
	1					1		W.O. N	um/94-11-1	500
						1		Certificate N	IO. JOHN W. WE	ST. 676
	Í					1			RONALD J. EIDSC	DN, 3239
1	L			<u> </u>		i		[

.

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

٩.

٠

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

.

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

•

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

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

арі 30-025-32	Number 743		9631	Pool Code .3		N. Te	ague Drinkar	Pool Name 1/Abo		
Property (16069	Code				Prop	erty Nam MATTIX		······································	Well Num	ıber
O20153	o.			·····		ator Nam			Elevatio	a
020155		<u> </u>		SA	MEDAN O	L COR	PORATION		3325	
					Surfa	ce Loc				
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County
L	4	23 S	37 E			50	SOUTH	660	WEST	LEA
						·	rent From Sur			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	om the	North/South line	Feet from the	East/West line	County
Dedicated Acres	I loint a	r Infill C	onsolidation (Code 6	Drder No.		1,			
					/1001 //O.					
40 NO 4110	WARLE		SSIGNED 7		COMPTE	TION 1	UNTIL ALL INTER	PESTS UNVE DE	EN CONSOLID	
NO ALLO							APPROVED BY		EN CONSOLIDA	ILED
Г				r	·····			-1 [
						1		OPERATO	R CERTIFICAT	TION
								11	, certify the the inj . is true and compl	15
	·							best of my know	•	
	1									
	1									
10T_4 - 4	4.06 <u>AC</u>	<u>107 3 -</u>	44.20AC	LOT_2	<u>- 44.32</u>	VC + T	0T_1 <u>44.46A(</u>	Signature		
	İ					į		Judy Thro Printed Name	oneberry	
								Div Prod	Clerk	
	1				•	l		08/17/95		
	l					1		Date		
	ا +					 		SURVEYO	R CERTIFICAT	TION
	į					İ			that the well locat is plotted from field	
	1							actual surveys	made by me or	under my
3326.6	3324.7°							correct to the	t that the same is bast of my belie	r.
660' - 0						ł		AUGI	JST 23, 1994	
3322.6'	3322.6							Date Surveye		
								- Signature de		
	ĺ					1		E Do	11.0.	h
	ļ					ļ		W.O. Nu	1 014 m/94-11-1	200
	1					1		Certificate No	1971	
						ļ			RONALD J. EIDSO	
L¥				L				[

NOTIFICATIONS OF EXCEPTION TO RULE 303-A

•

.

OFSET OPERATOR

-

ι,

TEXACO EXPLORATION & PRODUCTION, INC. PO Box 3109 Midland, Texas 79702

BUREAU OF LAND MANAGEMENT

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

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

February 1, 1996

Texaco Exploration & Production, Inc. PO Box 3109 Midland, Texas 79702

Gentlemen:

 i_{i}

RE: Exception to Rule 303-A Downhole Commingling Permit Langlie Mattix "4" Federal Well #1 Teague, N. Lower Pad-Blinebry (Assoc) Teague, N. Tubb (Assoc) Teague, N. Drinkard-Abo

This is to notify you of our application for Administrative approval for downhole commingling of production in the above mentioned zones for the Langlie Mattix "4" Federal Well #1. I have attached a copy of the application.

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,

- Thrandecery

Judy Throneberry Division Production Clerk

attachments

xc: Oil Conservation Division Santa Fe, NM February 1, 1996

New Mexico Oil Conservation Commission 2040 South Pacheco PO Box 6429 Santa Fe, New Mexico 87505

ATTEN: MR. BILL LEMAY

RE: DOWNHOLE COMMINGLING PERMIT

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

Langlie Mattix "4" Federal Well #1 Teague, N. Lower Pad-Blinebry (Assoc) Teague, N. Tubb (Assoc) Teague, N. Drinkard-Abo Unit Letter L, Section 4, T-23-S, R-37-E Lea County, New Mexico

We, as an offset operator, have no objection to the proposed down hole commingling of the above mentioned zones.

.

Very truly yours,

Texaco Exploration & Production, Inc

BY: _____

NAME: _____

DATE: _____



SAMEDAN OIL CORPORATION

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

February 1, 1996

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

Gentlemen:

ί.

RE: Exception to Rule 303-A Downhole Commingling Permit Langlie Mattix "4" Federal Well #1 Teague, N. Lower Pad-Blinebry (Assoc) Teague, N. Tubb (Assoc) Teague, N. Drinkard-Abo

This is to notify you of our application for Administrative approval for downhole commingling of production in the above mentioned zones for the Langlie Mattix "4" Federal Well #1. I have attached a copy of the application.

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,

hedy Thrombury

Judy Throneberry Division Production Clerk

attachments

xc: Oil Conservation Division Santa Fe, NM

(See Rule 301, Rule 1116 & appropriate pool rules.)	Report casing pressure in lieu of tubing pressure for any well producing through casing.	Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of Specific gravity base will be 0.60.	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 allowable runter and a source the sector of the se	Instructions:				16069 Langlie Mattix "4" Fed			Address 12600 Northborough, #250,	Samedan Oil Corporation		1000 Rio Brazos Rd., Aztec, NM 87410	P.O. Drawer DD, Artesia, NM 88210	P.O. Box 1980, Hobbs, NM 88240 DISTRICT II	Submit 2 copies to Appropriate District Office. DISTRICT I
priate p	ng pressu	CF meas	nallowable		 			. مىز	, C	WELL		020					
اللہ ا	re for a	wred at	erator i	-	 			L 4	с	\$* 	Houston,	020153					
es.)	ny weli	a pres	s encou		 				S	LOCATION	Texas					I 0	ਸੂ
	l produ	sure ba	uraged	•	 	• 		235		Ŋ	s 77067					LC	ıergy,
	cing th	vine Di	exceedi to take	:	 			37E	R)67	96315	GA	Santa	2	ON	Miner
	ough casing	vision. 5.025 psia a	ng the top u advantage of				7	10/8/95	TEST	DATE OF		- N.	GAS - OIL RATIO TEST	Santa Fe, INEW MEXICO 87504-2088	P.O. Box 2088	OIL CONSERVATION DIVISION	State of New Mexico Energy, Minerals and Natural Resources Department
i,	-	and a	nit allc f this 2		 			면	STA	TUS	TYPE OF TEST - (X)	Teague	RAT	lexic	30x 2(ATT	New N
		temperatu	bwable fo S percent		 				SIZE	CHOKE	€ [™]	ue Tubb	IO TE	0.87504	880	I NO	Mexico Resourc
		re of 60° F.	tolerance in		^				PRESS.	TRO	Scheduled	b (Assoc)	IST	-2088		DIVI	es Depa
				I h					ALLOW-	DAILY		oc)				SION	rtment
	nted name 2/1/96	Judy Ti	£	ereby ce plete p		•		24	HOURS	REAT							
	Printed name and title 2/1/96	Thidneberry,	le la	rtify that the best of		<u> </u>		11	WATER BBLS.	P	Completion						
		rry,	Alte	I hereby certify that the above information complete up the best of my knowledge and belief.	 			38.3	GRAV.	PROD. DURING TEST] [County					
	713	Div Pr	condum	ove infi owledge			<u> </u>	6	OL Bals	ING TEST		Lea					
Tele	876-6150	Prod Cl.	In	ormatior and beli	 			61	· M.C.F.		Spacial [Rev	For
Telephone No.	150	Clerk		n is true and lef.	 • <u>.</u>	•		10167	~	GAS - OIL	X			Ма		Revised 1/1/89	Form C-116
		1															

-

Form C-116 Revised 1/1/89 38 GAS - OIL GAS - OIL FATIO 38 4750 38 4750 876-6150 Telephone No.	CD. DURING TEST GR.V. BOLS OL BBLS OL BBLS OL BBLS OL BBLS I BBLS I He above inform f my knowledge and f my knowledge and	Assoc) (Assoc) Completion V V V V Test V Test V HOURS BBLS		DIVIS DIVIS 4-2088 Fad-Bli, PAd-Bli, PAESS PRESS PRESS Unit tolerance i	Mexico Resource 2088 2088 2088 2008 10 10 10 10 10 10 10 10 10 10 10 10 10	of New Me I Natural Re O. Box 208 O. Box 208 We Mexico : Teague Lo Teague Lo TEST-(X) G P Status ct st st test-(X) ge of this 25 I psia and a ten	State of New Mexico Energy, Minerals and Natural Resources Department P.O. Box 2088 Santa Fe, New Mexico 87504-2088 GAS - OIL RATIO TEST 96314 - Teague Lower Pad-B11, N. 96314 - Teague Lower Pad-B11, N. 96314 - Test CN TEST CN NTEOF 5 CHOKE TBA. ALLON NTEOF 5 CHOKE TBA. ALLON 238 37E 1/11/96 P 238 37E 1/11/96 P 1/11/96 P 1/11	Santi Santi Santi Santi Santi Santi G. G. G. G. G. G. G. G. G. G. G. G. G.	Energy, Mi OIL CO Sar Sar Texas 77067 LOCATION s T R 23S 37 23S 37 23S 37 23S 37 23S 37 23S 4 23S 4 23S 5 23S rules.)	Houston, ELL I. Produce I be produce I be produce	0, Ho 0, Ho NO. 1 1 1 1 1 1 1 0 20 0 20 0 1 0 20 0 1 0 20 0 2 0 0 2 0 0 2 0 20 0 2 0 0 2 0 0 0 20 0 2 0 2 0 2 0 2 0 2 0 0 2 0 0 2 0 0 0 0 0 0 2 0	Shahil 2 ropies to Appropriate Distriction State of New Mexico Energy, Minerals and Natural Resources Departm DISTRICTI P.O. Box 1990, Hobb, NM 88240 OIL CONSERV ATTON DIVISI P.O. Box 2008 Distriction Distriction P.O. Box 2008 P.O. Box 2008 P.O. Box 2008 Distriction Distriction P.O. Box 2008 Santa Fe, New Mexico 87504-2008 P.O. Box 2008 Distriction Distriction P.O. Box 2008 Santa Fe, New Mexico 87504-2008 Santa Fe, New Mexico 87504-2008 Distriction Distriction Samedan 011 Corporation 020153 9314 - Frague Lower Fad-Bill, - Frague Lower Fad-Bill, - Frague Lower Fad-Bill, - Standon 01 State of New Mexico Presson Vision Distriction Districtions: User No. Vision New Mexico 87504-2008 State of New Mexico Presson During gas-oil ratio usit, each well shall be produced at a rate not exceeding the top unit allowable for the produced which well is located by more than 35 persent. Operator is encouraged to take advanues of this 25 persent oberator is required in MCF measured at a pressure base of 15025 pist and a temperature of 60° P. Report casing pressure in Using Insure for any well producing through casing. (See Rule 301, Rule 1116 & appropriate pool nules.) See Nule 201 nules.)	
---	--	--	--	---	--	---	--	--	--	---------	--	--	---

. .

(See Rule 301, Rule 1116 & appropriate pool rules.)	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 loc ated 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.	Instructions:	•	16069 Langlie Mattix "4" Fed	LEASE NAME	12600 Northborough, #250,	Samedan Oil Corporation		DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410	P.O. Box 1980, Hobbs, NM 88240 DISTRICT II	Submit 2 copies to Appropriate District Office. DISTRICT 1
priate p	nall be p cent. O allowabl CF mea ng pressi			. مىر	NO.		020153				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	rroduce perator les when sured a ure for :			Ч	С	Houston,	153				
les.)	d at a ra is encou n authou t a pres t a pres			4	S T	Texa				10	ਸ਼
	uraged by sure ba		· ·	235	- 1 Q	Texas 77067				LC	ıergy,
	to take to take the Di the di the of i			37E	<b>P</b>	)67	96313	GA	Santa	ON	Miner
	ing the top u advantage of ivision. 15.025 psia <i>:</i> rough casing			7/31/95	DATE OF TEST		I PO No.	GAS - OIL RATIO TES	Г.О. БОХ 2088 Santa Fe, New Mexico 87504-2088	OIL CONSERVATION DI	State of New Mexico Energy, Minerals and Natural Resources
6	nit allo [ this 2: and a t			뇌	STATUS	TYPE OF TEST - (X)	Teague	RAT	fox 20	ILLY	lew M tural H
	wable fr 5 percen emperat				CHOKE	×."	e Drinka	IO TI	988 98750 9	NON STATE	lexico Resourt
	or the pool in It tolerance in ure of 60° F.			•	TBG. PRESS.	Scheduled	ıkard/Abo	EST	4-2088		
Date					ALLOW-	<b>D</b>	ŏ			VISION	Department
č	Signature Printed name and title 2/1/96 Signature 2/1/96	arahy ca	•	24	HOURS	0			·		
	Throneberry	nifer ober		110	PA WATER BBLS.	Completion	2				
	ure and f my kno My My			36.4	PROD. DURING TEST R GRAV. OL . OL BBLS.		County				
	, Div Prod Cle			26	NG TES OL BBLS.		Lea				
Tele	and belief. LUM rod Clerk			5 1	T GAS M.C.F.	Spocial				Re	Fo
Telephone No.		•		1962		X				Revised 1/1/89	Form C-116
No.			•	;2	GAS - OIL PATIO CU.FT/BBL.					68/1/	16

### Application to Downhole Commingle Samedan Oil Corporation Langlie Mattix "4" Federal #1 Unit Letter L, Section 4, T-23-S, R-37-E Lea County, New Mexico

.

### Well History

...

Shown below is a history of the work performed on the Langlie Mattix "4" Federal #1. Casing and cement details can be obtained from the wellbore sketch

Spud well with 12 1/4" bit.
Set 9 5/8" casing at 1,185'. Cement with 650 sacks and circulate cement.
Drill to total depth of 7,151' with 7 7/8" bit.
Set 7" casing at 7,150' and cement with 3,400 sacks cement. TOC at 1,600'.
Perforate Abo zone from 6,766' to 7,092' with 107 holes.
Acidize Abo with 3,000 gallons 15% NEFE HCL at 5.6 BPM and 4110 psi.
Acidize Abo with 5,000 gallons 15% NEFE HCL at 11.5 BPM and 6,260 psi. Frac with 45,400 gallons XL gel and 20,000# sand at 29 BPM and 7,500 psi. Screen out on 4 ppg sand stage.
Set CIBP at 6,740'. Perforate Drinkard from 6,450' to 6,712' with 99 holes.
Acidize Drinkard with 3,000 gallons 15% NEFE HCL at 8 BPM and 3000 psi. Frac with 68,375 gallons XL gel and 182,000# 20/40 Ottawa sand at 32 BPM and 5700 psi.
Drill out CIBP at 6,740' and install artificial lift equipment. Begin pumping testing Drinkard-Abo zone.
Potential test in Teague, North Drinkard-Abo Pool: 24 BOPD, 165 BWPD and 51 MCFPD.
Last production test in Drinkard-Abo: 26 BOPD, 110 BWPD and 51 MCFPD.
Set CIBP at 6,400'. Perforate the Tubb 6,164' to 6,302' with 110 holes.

Application to Downhole Commingle

ί,

Samedan Oil Corporation Langlie Mattix "4" Federal #1 Unit Letter L, Section 4, T-23-S, R-37-E Lea County, New Mexico Page: 2

- 8-3-95 Acidize_Tubb with 4,000 gallons 15% NEFE HCL at 5.5 BPM and 2,700 psi.
- 8/4/95 Frac Tubb with 65,000 XL gel and 196,000# 20/40 Ottawa sand at 30 BPM and 2,550 psi.
- 8/9/95 Ran rods and pump and began pump testing Tubb zone.
- 8/14/95 Potential test in Teague, North Tubb (Associated) Pool: 45 BOPD, 118 BWPD and 128 MCFPD.
- 10/8/95 Last production test in Tubb: 6 BOPD, 11 BWPD and 61 MCFPD.
- 10/11/95 Set CIBP at 6,100'. Perforate Blinebry 5,690' to 5,968' with 150 holes.
- 10/12/95 Acidize Blinebry with 4,000 gallons 15% NEFE HCL at 6 BPM and 3,700 psi.
- 10/13/95 Frac Blinebry with 65,000 gals XL gel and 196,000# 20/40 Ottawa sand at 32 BPM and 2,400 psi.
- 10/20/95 Ran rods and pump and began pump testing Blinebry zone.
- 11/3/95 Potential test in Teague, North Lower Paddock-Blinebry (Associated) Pool: 33 BOPD, 132 BWPD and 86 MCFPD.
- 1/11/96 Current test in Blinebry: 8 BOPD, 58 BWPD and 38 MCFPD.

### Application to Downhole Commingle Samedan Oil Corporation Langlie Mattix "4" Federal #1 Unit Letter L, Section 4, T-23-S, R-37-E, Lea County, New Mexico

### Other Informational Items Required by Rule 303 D

6. Estimated bottomhole pressure for each zone:

Teague, North Lower Pad-Blinebry (Associated)	700 psi	(Estimated)
Teague, North Tubb (Associated)	800 psi	(Texaco Application)
Teague, North Drinkard-Abo	975 psi	(Texaco Application)

Production from all zones will be maintained in a pumped off condition. No crossflow between zones is expected to occur.

7. Texaco currently surface commingles production from all three zones in their B.F. Harrison lease located in Sections 5 and 9. Texaco has stated in their B.F. Harrison #15 Exception to Rule 303-A filing that no operational difficulties have been encountered due to incompatible fluids.

### 8. Computation of the Value of the Commingled Production

Pool	Oil Rate	Gravity	Value	Total Daily Value
	BPD	at 60 deg	\$/bbl	\$/day
Blinebry Associated	8	40.3	18.50	148.00
Tubb Associated	6	38.3	18.50	111.00
Drinkard/Abo	26	36.4	18.50	481.00

Currently only the Blinebry is producing so the current value of the daily production is \$148.00 per day. The commingled value is shown below. Oil produced from the well from all zones is deemed 40 degrees by the purchaser and no deductions for gravity will be incurred the commingled value is shown below:

Pool	Oil Rate	Gravity	Value	Total Daily Value
	BPD	at 60 deg	\$/bbl	\$/day
Commingled	50	37.5	18.50	925.00

### 9. Allocation of Future Production

Ι.

Based on the expected producing rate after commingling, the production from the well should be allocated by the following percentages:

Pool	Oil%	Gas%
Blinebry (Associated)	20%	25%
Tubb (Associated)	15%	41%
Drinkard/Abo	65%	34%

10. Texaco offsets this acreage on all sides. Texaco has been notified of this proposal by copy of this application package.

## Samedan Oil Corporation Langlie Mattix "4" Federal #1 Summary of Production

Langlie Mattix "4" Federal #1 Unit Letter L, Sec 4, T-23-S, R-37-E

	Drinkar	d/Abo Poo	bl
Month/Yr	BOPM	MCFPM	BWPM
Jul-95	594	889	4497
Aug-95	0	0	0
Sep-95	0	0	0
Oct-95	0	0	0
Nov-95	0	0	0
Totals	594	889	4497

	Tub	b Pool	
Month/Yr	BOPM	MCFPM	BWPM
Jul-95	0	0	0
Aug-95	402	2275	2003
Sep-95	183	1462	530
Oct-95	66	479	128
Nov-95	0	0	0
Totals	651	4216	2661

÷,

# Lower Paddock/Blinebry Pool

Month/Yr	BOPM	MCFPM	BWPM	
Jul-95	0	0	0	
Aug-95	0	0	0	
Sep-95	0	0	0	
Oct-95	117	329	1242	
Nov-95	709	1415	3616	
Totals	826	1744	4858	

# Application to Downhole Commingle Samedan Oil Corporation Langlie Mattix "4" Federal #1

# Prognistication of Future Zone for Blinebry, Tubb and Drinkard/Abo Zones

Tweifth	Eleventh	Tenth	Ninth	Eighth	Seventh	Sixth	Fifth	Fourth	Third	Second	First	Commingling	Month After
თ	6	6	თ	σ	7	7	7	7	8	œ	œ	<u>0</u>	Blinebr
27	28	29	30	31	32	33	34	35	36	37	38	Gas	y Zone
4	4	თ	G	თ	თ	თ	თ	თ	ი	თ	ი	<u>Oi</u>	Tubb .
44	45	47	48	50	51	53	54	56	57	59	61	Gas	Zone
19	19	20	20	21	22	22	23	24	24	25	26	Qi	Drinkard//
37	38	39	40	41	43	44	45	47	48	50	51	Gas	d/Abo Zone
29	3Q-	31	32	32	33	34	36	37	38	39	40	<u>O</u>	Total Com
108	111	115	118	122	125	129	133	137	141	146	150	Gas	mingled

Production from all zones is estimated to decline at 30% per year after commingling.

Water production is expected to decline quickly in all zones as was noted in the Tubb zone during it's test period from August 14, 1995 to October 8, 1995 where production declined from 118 BWPD to 11 BWPD.

of production. Blinebry water production declined from 132 BWPD to 58 BWPD during the first two months

Water production is expected to fall within the guidelines of Rule 303 C (iii).

.

Samedan Oil Corporation

Configuration After Commingling

ř.

Langlie Mattix 4 Federal #1					660' FWL and 1650' F
Well Name					Section 4, T-23-S, R-37
					Location
Lea, New Mexico					3325' GL, 3341' KB
County, State					Elevation
	1 1	1 1	1	1	
				1	
i				1	
				1	
				1	
5/8" 36# J-55 casing at 1185'				1	
emented with 450 sacks Class C				1	
ith 4% gel, 1/4# celloflake/sk and					
% CaCl2. Tail in with 200 sacks				1	
ass C with 2% CaCl2.					
rc 100 sacks cement				1	
				I	
				L	
					······
o of cement at 1260'					
	xx		xx	-	······
	xx		xx.		
	xx		xx		
	xx		хx		
	xx		хx		
	xx		хx		
	xx		хx		• • • • • • • • • • • • • • • • • • •
	xx		xx		
	xx		xx		
	xx		хx		
	xx		хx		
	xx		хх		
· ···	xx		хx	5690	
	xx		0	]	
	xx		0		Blinebry Completion
	xx		0		
	xx		0	5968	
	xx		хx	-	
	xx		хx		
··· ··································	XX (		хx		······
	xx		хx		CIBP at 6100'
	xx		xx		
	xx		хx	6164	
	xx		0		*····
	××		0		Tubb Completion
<u></u>	xx		0		
	xx		0	6302	
	xx		хx		* ***
	xx		хx		
<u> </u>	××		xx		CIBP at 6400'
	××		xx		
	xx		хх	6450	
	xx	1	0		
	xx		0		Drinkard Completion
26# J-55 casing at 7150'	xx		0		
mented with 2800 sacks Class C	xx		0	6712	
ht with 5% salt and 1/4# Cello	xx		хх		
ke/sk. Tail in with 600 sacks	xx		xx	6766	
ass H 50/50 Poz with 2% gel, 0.6%	xx		0		
A, 0.3% dispersant and 0.3%	xx		0	.	Abo Completion
MS Full circ through cement job	xx		0	<b></b>	
not circulate cement. Ran	xx		0	7092	
np svy, TOC at 1260'	XX		хx		

.

ί,



### Samedan Oil Corporation

**Current Configuration** 



