Mobil Producing Texas & New Mexico Inc. 2 Wells

ebruary 11, 1986

FEB 17 1986

State of New Mexico Energy and Minerals Departmentervation Division Oil Conservation Division CANTA FE

State Land Office Building Post Office Box 2088

Santa Fe, New Mexico 87501

NSL-2037 RULE-104 F(I)

MIDLAND, TEXAS 79702

\$ 507 - 1/50 FSL & 1200 FEL - Section 26, T-178 R-348, NMPM - 40 Accorded, SENSE, Section

\$ 508 - 2580 FNL & 1090 FEL -Section 26, T-178, R-34E 40 Acre dul SEIX NEIX Section 26

Vacuum Graybung San Andres Pool

UNORTHODOX WELL LOCATIONS MOBIL PRODUCING TX & NM, INC. BRIDGES STATE, WELL NOS. 507 & 508 VACUUM (G-SA) FIELD LEA COUNTY, NEW MEXICO

#### Gentlemen:

Mobil Producing TX & NM, Inc. (MPTM), respectfully requests authority to drill the subject wells at an unorthodox location under the provisions of Rule 104 (F). The wells are located closer than 330 feet from the quarter-quarter line but more than 330 feet from the lease line. These wells will be completed in the Vacuum (Grayburg-San Andres) Pool, which is a secondary recovery project.

In order to develop a 20-acre spacing program, these wells are needed at these locations to improve the recovery pattern and recover hydrocarbons that might otherwise be left in place.

The following items are being submitted in triplicate in support of this request:

- 1. Form C-101 - Application for Permit to Drill, Deepen or Plug Back
- 2. Form C-102 - Well location and acreage dedication plat
- 3. Certified plat showing all well locations and offset operators
- Copy of letter to Offset Operators

A copy of this letter and attachments are being furnished to the Offset Operators as notice of this application.

State of New Mexico Unorthodox Well Locations Bridges State, Well Nos. 507 & 508

Due to the above reason, we are requesting administrative approval on the unorthodox locations.

If you have any questions, please contact Jean B. Partanen at (915) 688-2244.

Yours very truly,

G. E. Tate

Env. & Reg. Manager

S. E. Sate by GBG

JBPartanen/dwc

Attachments

cc: Oil Conservation Division - Hobbs
 Offset Operators (w/attach)

	<del></del>	•			
NO. OF COPIES RECEIVED					
DISTRIBUTION SANTA FE	NEW	MEXICO OIL CONSER	RVATION COMMISSION	Form C-101 Revised 1-1-6	5
FILE	+			5A. Indicate	Type of Lease
U.S.G.S.	<del></del>			STATE	¬''
LAND OFFICE				.5, State Oil	& Gas Lease No.
OPERATOR .				B-15	520
ST ENATOR	1		4		
APPLICATIO	N FOR PERMIT TO	DRILL DEEPEN (	OR PLUG BACK		
1a. Type of Work	THORT EXAMPLE	Ditte, Deel ell,	51. 1 200 B. 101.	7. Unit Agree	ement Name
	i I				
b. Type of Well DRILL X	· ·	DEEPEN	PLUG B	8. Farm or Le	ease Name
OIL X GAS WELL	OTHER		SINGLE X MULT	Bridges	State
2. Name of Operator	OTHER		20NE 123	9. Well No:	
Mobil Producing	TX & NM, Inc.	•		508	
3. Address of Operator		<del></del>		10. Field and	i Pool, or Wildcat
Post Office Box 6	33, Midland, Te	exas 79702		Vacuum	(G-SA)
4. Location of Well UNIT LETTE		ATED 2700 F	south	LINE	
UNIT LETTE	.00	- FI	weirnym Ins		
AND 1090 FEET FROM	THE east LIN	E OF SEC. 26 TV	WP. T-17-S RGE. R-34	1-E NMPM ((())	
	HIIIIIII.			12. County	
				Lea	
			9. Proposed Depth 19	A. Formation	20. Rotary or C.T.
			5000' G1	ayburg-San Andr	es Rotary
21. Elevations (Show whether DF,	<i>RT</i> , etc.) 21A. Kind	& Status Plug. Bond 2	1B. Drilling Contractor	22. Approx.	Date Work will start
4017	Blanket	t-On File	Unknown	03/	15/86
23.	P	ROPOSED CASING AND	CEMENT PROGRAM		
		<del>,</del>	<del></del>		
SIZE OF HOLE 12-1/4"	SIZE OF CASING	WEIGHT PER FOOT		SACKS OF CEMENT	EST. TOP
7/8"	8-5/8" 5-1/2"	24#	0 - 1700'	1 Circulate	Surface
//8	3-1/2"	14#	0 - 4800'	2 Circulate	Surface
1 (1222 ( 1 2%	C-C1 1 1// #/			·	•
1. Class C + 2%	CaC12 + 1/4 #/8	SX FC			
2 Iead - Class	C + 4%  gel + 25	5 #/ev eal+ + 1	// #/cv EC		
	C + 4%  geI + 25 $C + 2\% \text{ CaCl}_2 +$		/4 1//5X FC	,	
Idii Ciass	0 1 2% Cac12	1/4 #/3X FG			
				,	
BLOWOUT PREVENTOR	R PROGRAM				
BEGNOOT THE VENTOR	THO OTHER				
Casing String	Equipment Size	& Series	No. & Type	Т	est Pressure (psi)
			<u>-</u>		от 11000010 (рот.
Surface	13-5/8" X 300	00#	1 Pipe Ram & 1	-MG	3000
Intermediate	9 - 11" X 500		1 Pipe Ram & 1		5000
and the state of the state of					
NOTE: Texaco is	the only Offset	Operator of a	11 land surround	ling the 40-acre	proration unit.
	Ť	-	,	,	
N ABOVE SPACE DESCRIBE PR	OPOSED PROGRAM: IF	PROPOSAL IS TO DEEPEN OF	R PLUG BACK, GIVE DATA ON	PRESENT PRODUCTIVE ZONE	AND PROPOSED NEW PRODUC-
hereby certify that the informati	on above is true and com-	alete to the hest of my be	nowledge and heliaf		
increase certain that the information				•	
Signed Y. E- Jate	G. E. Tate	Title Env. & Re	g. Manager	Date 2/12	/86
TIN ABI	State Use)				
(Invs space for	siale Usej				
•					
APPROVED BY		TITLE	•	DATE	

### P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator			Leo	10		<del></del>	Well No.	
Mobil Producing TX & NM, Inc.			В	Bridges State			508	
Unit Letter	Section	Township		Range	County	•		
' Н	26	T-17-S		R-34-E	Le	a		
Actual Foolage Loca								
2700	feet from the Sout	h Iine or	10 IO	90	feet from the		line	
Ground Level Elev. 4017	Graybur	g-San Andres	P∞ V	ı acuum		Ded	40 (2 wells)	
1. Outline the	e acrenge dedicat	ted to the subject	well b	y colored penci	l or hachur	e marks on the pl	at helow.	
	-	•	-	•		•		
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 tha	n one lense of di	sserent ownership is	s dedic	cated to the we	I, have the	interests of all	owners been consoli-	
dated by co	onimunitization, u	nitization, force-poc	oling. e	tc?		•	·	
Yes	No II an	swer is "yes;" type	of cor	solidation				
		, , ,,						
		owners and tract des	scription	ons which have	actually b	een consolidated.	(Use reverse side of	
•	necessary.)							
							tization, unitization.	
forced-poch	ing, cr otherwise)	or until a non-standa	aro uni	t, eliminating s	uch interes	sts, has been appr	roved by the Division.	
						_ 1	<u> </u>	
	1					CE	RTIFICATION	
-	1		•	1		<b>!</b>	that the information con-	
	1					<i>t</i> t	s true and complete to the	
	i			1	ļ	best of my know	wledge and belief.	
	i			i		M.E. Ja	te.	
	_ +			- <del>-  </del>		Name	ly JBO	
				ţ		G. E. Tate		
	l .			•		Env. & Reg.	Mgr.	
	1		,			Company		
	ı			ŀ		Mobil Produ	icing TX & NM, Inc.	
·	1				182	Date		
				508	1090'	February 11	, 1986	
·						ugged.	AND Silve	
	1					LIE L	1 / A	
	1 1 ·			1 '		here's cert	The fill location	
•	1					shown on this p	10 mos plogredirom field	
						notes my second	vision and the the same	
	1			9		is the Group Wo	MEX mo we do not of my	
•	l			276		knowledge ond	SKAN LILL	
	-+					, and	HSO IIII	
	1			1		19/1/	17/10019	
	1					Date Surveyed	1	
	I I			!!!	I	1-74		
	•	,		<b>,</b> (		Registered Profes and/or Land Surve		
	}	· ·		! !	. ,			
						H. A.	Carson Jr.	
	Parties Parties		- Children	T	<del></del>	Certificate No.		
330 660 - 60	1370 1680 1940	2310 2640 200	0 1	300 1000	t00 0	50	63	

NO. OF COPIES RECEIVED							
DISTRIBUTION	NEW	MEXICO OIL CONSE	ERVATION COMMISSION	٠.	Form C-101	e·	-
SANTA FE	<del>                                     </del>				Revised 1-1-65		
FILE .	-				STATE	Type of Lease	$\neg$
U.S.G.S.	+		•				
LAND OFFICE	+				i .	& Gas Lease No.	
OPERATOR					B-1520	mm	m
- I DOLLGATION	L FOR REPUIT TO	DDÍLL DEEDEN	OD DI UC DACK				
	N FOR PERMIT TO	DRILL, DEEPEN,	UR PLUG BACK				777777
1a. Type of Work					7. Unit Agree	ment Name	
DRILL X		DEEPEN	PLUG I	BACK 🗌	Ca F		
b. Type of Well			SINGLE X MUL	TIBLE [	8. Farm or Le		
WELL A WELL	OTHER	·	ZONE X MUL	ZONE		s State	
2. Name of Operator	V C NM T				9. Well No.		
Mobil Producing T	A & NM, Inc.		<del></del>		507		· · · · · · · · · · · · · · · · · · ·
3. Address of Operator	1 J m 7(	1702			Į	i Pool, or Wildcat	
P.O. Box 633, Mid.				<del> </del>	vacuum	(G-SA <u>)</u>	
4. Location of Well UNIT LETTE	R <u> </u>	CATED	FEET FROM THESOUT	h LINE	VIIIII		
·	•						
AND 1200 FEET FROM	THE east LIN	NE OF SEC. 26	TWP:T-17-5 RER-34	-E NMPM	7777777	.11111111	<i>11111</i>
					12. County		
	4444444			<i>HHH</i>	Lea	4444	4444
							UIII.
	<i>:::::::::::::::::::::::::::::::::::::</i>		19. Proposed Depth	9A. Formatio	7111111	20, Rotary or C.1	7////
							••
21. Elevations (Show whether DF,		& Status Plug. Bond		rayburg-	<del></del>	es Rotary	
		. 1	21B. Drilling Contractor		l l	Date Work will s	tart
4009	brank	ket-On File	2 Unknown		03.	-15-86	
23.	P	PROPOSED CASING AN	D CEMENT PROGRAM			•	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T SETTING DEPTH	SACKS OF	F CEMENT	EST. TO	P
12-1/4"	8-5/8"	24#	0 - 1700'		culate	Surface	<del>`</del>
7/8"	5-1/2"	14#	0 - 4800'	2 Cir	culate	Surface	
.,,,		2 177	0 1000		Carace	Barrace	
1. Class C + 2%	CaCl <sub>2</sub> + 1/4 #/s	x FC			İ		
	2						
2. Lead - Class	3 + 4%  gel + 15	5	1/4 #sx FC				
	$C + 2\% CaCl_2 +$						
	2						
	•					•	
BLOWOUT PREVENTOR	PROGRAM						
							٠.
Casing String	Equipment Si	ize & Series	No. & Type		Test Pres	ssure (psi)	)
				_			-
Surface	13-5/8" X 3	3000#	l Pipe Ram &	1-MG	3000		
Intermediate	9 - 11 X 5	5000#	l Pipe Ram &	1 -MG	5000		
perfect the service of the service of the service of		· · · · · · · · · · · · · · · · · · ·	A Commence of the Commence of		e	y San	
NOTE: Conoco and	Texaco are the	only Offset C	perators of all	land su	rrounding	g the 40-ac	re
proration w	unit.		•				
IN ABOVÉ SPACE DESCRIBE PROTIVE ZONE. GIVE BLOWOUT PREVENTE	OPOSED PROGRAM: IF IR PROGRAM, IF ANY.	PROPOSAL IS TO DEEPEN	OR PLUG BACK, GIVE DATA ON	PRESENT PR	DUCTIVE ZONE	AND PROPOSED NEV	V PRODUC-
I hereby certify that the informatio	<del></del>					· · ·	
MC YILL B	Tato	France F	log Manager		0/1/	106	•
Signed J. C. At C. E.	. Tate	_ TitleEnv. & R	leg. Manager		Date2/12	<u> </u>	
(This space for S	tate Use)						
-							
APPROVED BY		TITLE			DATE		

CONDITIONS OF APPROVAL, IF ANY:

# ENERGY AND MINERALS DEPARTMENT

# P.O. BOX 2088

#### P.O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator			Lease	~ <del>, ~~1 , ~~1 <b>, ~</b> </del>		<del></del>	Well No.
Mobil Producing TX & NM, Inc.			Bridges-State				507
Unit Letter Section Township		IRA	Range County				
P	. 26	T-17-S	1 "	R-34-E	Lea		
		- I I I	<del></del>	1. 31 E	ПСИ		
Actual Footage Loca		south	120	n <sup>:</sup>		east	
.TT20	feet from the	SOUCII line and	120	fret	from the	east	line
Ground Level Elev.	Producing Form		Pool	•			Dedicated Acreage:
4009	Graybur	g-San Andres	,	Vacuum			40 (3 wells)
1. Outline the	e acrenge dedicat	ed to the subject w	ell by c	colored pencil or	hachure	marks on th	e plat below.
i.					-		•
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 tha	n one lease of di	fferent ownership is	dedicat	ed to the well, h	ave the	interests of	all owners been consoli-
		nitization, force-pooli					
unica, ny co	Julius de la company de la com						
	N ' 1(	:. !!!!		1:3-4:			
Yes	No Han	swer is "yes;" type o	1 conso	ligation	<del></del>		
		wners and tract desc	riptions	which have act	tually be	en consolida	ited. (Use reverse side of
this form if	necessary.)					<del> </del>	
No allowab	le will be assigne	d to the well until all	interes	sts have been co	onsolidat	ted (by comm	nunitization, unitization.
iorceu-poor	ing, or otherwise,	or until a non-standare	unit,	enminating such	interes	is, nas been	approved by the Division.
•	4		•	,			
,				-:			
1	1			1	ł		CERTIFICATION
}	1				- 1	j	· ·
*				1		I heraby a	ertify that the information con-
1	i	į		Į.	1	1	·
	, <b>I</b>	i		1 .		1	ein is true and complete to the
•	•	į		1		best of my	knowledge and belief.
	i.	į		1		1110	J
	1		•	1	İ	VJ. C.	Jale 1, DOD
		į			ļ	Name	2900
	- +					G. E.	Tate
	ŧ	i.		1		Position	
	Į.	•		1	. 1	Env. 8	Reg. Mgr.
	ı	1 .		i	j.		
		•		i	1	Company Mobil Dr	oducina my c ww
	•		•	i.	}	<del></del>	coducing TX & NM,
	•		•	i		Date	11 1006 Inc.
,			-		1	rebruary	11, 1986 Inc.
				·			
	ş .					100	W CAVD Box
	i	ł		1	1		certify that of he well location
		<b>]</b> .	•	. !	į.	2000	ا من دی
				1.	1	1	his plat was plotted from field
	•			1	.	notes of d	ctubit Gurveys made by me or
		ł				under my	uber is and that the some
		1		1 .		Is trub wh	correct to the fest of my
	1	1		<u> </u>	. 1	knowledge	and belief S
	i			<u> </u>		14.4	· · · · · · · · · · · · · · · · · · ·
				1200		1 /7	Committee 1
	1	i		507	7 7	10-4-	11/1/1997
	1	i ·	•	1	1	Date Surveyed	d
				12		1-	24-86
	·			•		Bertines C	rolessional Engineer
:	1			1 1/4	180	and/or Land S	· •
	•	1		1 3		unavoi Luna :	Julyeyor
	1 .	1			ļ		
				<u> </u>		H. A.	Carson Sr
And the second	propert pass	1000 January 1000		Transferrence of T		Certificate No	
310 660 90	1320 1050 1980	2310 2640 2000	1500	. 1000 500		1	5063