		TIOND	IVISION	Revised 10-1-78
CTATE OF NEW MEXICO	OII ONS	ERVATION D		SA. Indicate Type of Loase
TORY AND MINEHALS DUT		P. O. BOX MEXICO	87501	
	SANTA F	P. O. BOX 2000		1. State Oll & Gas Lease No.
DISTRIBUTION				B-2317
SANTA FE	-			
TILE	,			
U.S.G.S.	API NO. R PERMIT TO DRIL	TEREN OR P	LUG BACK	7. Unit Agreement hame
DERATOR	DEPMIT TO DRIL	L, DEEPEN, OK		
APPLICATION FU	K F LIGHT	_	PLUG BACK L	8. Farm of Lease Name
. Type of Work SEE ORDER R-7	<u>103.</u> DEE	PEN	IN THE	Hale, M. E.
DRILL X		51866	EX MULTIFLE	9. Well No.
Trop of Woll	OTHER Water In-	jection 10		16
OIL WELL	OTHER HOUSE	_		10. Field ond Pool, or Wildcot Vacuum
WELL L				Gravburg San Andres
2. Nome of Operation Phillips Petroleum Com	pany			
Phillips Petroleum Com 3. Address of Operator Room 401, 4001 Penbroc	. atmost Odess	a, Texas 79762	FROM THE South	- rive ()
3. Addition 4001 Penbroc	K STIELL COMMENTE	2630 FEET	FROM THE	
4. Location of Well UNIT LETTER_	Uu		17-5 34-E	NUPW 12. COUNTY
4. Loculture	LINEO	r stc. 35 TWP.	IIIIIIIIIIIIIII	Lea AHHH
1330 FEET FROM THE	Fastinnin		///////////////////////////////////////	44440000000000000000000000000000000000
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44111111111111	++++++++	HHHHHT		Fermation Potary
UTTATATAHHH		ITTI THAT	Froposed Depth 194.	burg/San Andres Rotary
LLUUUUUUUUU	<i>HHHHHH</i>		4800' Gray	
//////////////////////////////////////			B. Drilling Contractor	Upon Approval
	1111 21A. Kind 6	Status Plug. Bond 21	Advise Later	
Li Llevoisons (Show whether Dr. K		• •		
4009.5' GR (Unprep	ared)	ROPOSED CASING AND	SETTING DEPTH	LOKS OF CEMENT EST. TOP
400700	P	RUPUSEE	THE DEPTH IS	SACKS 01 - 129 CaC12
**		TOOT	I SETTING DET	ing an Class """ W/La
23.		WEIGHT PER FOOT	SETTING DE	400 Surtcae
_	SIZE OF CASING	WEIGHT PER FOOT 48#, H-40	ISETTING DE	ane <u>Circ to Surfcae</u>
SIZE OF HOLE		WEIGHT PER FOOT	<u>1/4#/sx Celloph</u>	ane <u>Circ to Surfcae</u> Circulate to sunface in two Circulate to sunface 10 30%
_	SIZE OF CASING	WEIGHT PER FOOT	<u>1/4#/sx Celloph</u> 3190'	<u>ane</u> <u>Circ to Surfcae</u> Circulate to sunface in two Circulate to sunface in two age. Caliper volume plus 307
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	<u>1560'</u> <u>1/4#/sx Celloph</u> <u>3190'</u> stages. 1st st	ane <u>Circ to Surfcae</u> . Circulate to sunface in two Cage. Caliper volume plus 307 oht w/15#sx salt, 1/4#/sx
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	<u>1560'</u> <u>1/4#/sx Celloph</u> <u>3190'</u> stages. 1st st	ane <u>Circ to Surfcae</u> . Circulate to sunface in two Cage. Caliper volume plus 307 oht w/15#sx salt, 1/4#/sx
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SIZE OF HOLE 17-1/2" ** 11"	SIZE OF CASING 13-3/8" 8-5/8"	WEIGHT PER FOOT	SETTING DE 1560' 1/4#/sx Cellophe 3190' stages. 1st st excess HOWCO Li Cellophane & 5# Class "C" w/2% "H" w/2% CaCl2 4800'	<u>Circ td Surfcae</u> . <u>Ane</u> <u>Circ td Surfcae</u> . Circulate to sunface in two age. Caliper volume plus 307 ght w/15#sx salt, 1/4#/sx s/sx Gilsonite followed by 15 CaCl ₂ . 2nd stage. 450sx Cl <u>Circulate to surface with</u> plus 30% excess TLW w/10% Suppose a light of the surface of the surfa
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SIZE OF HOLE 17-1/2" ** 11" 7-7/8" Use mud additives	SIZE OF CASING 13-3/8" 8-5/8" 5-1/2" as required for	weight per FOOT 48#, H-40 32#, K-55 15.5#, K-55 or control. water flow.	SETTING DE 1560' 1/4#/sx Cellophe 3190' stages. 1st st excess H0WCO Li Cellophane & 5# Class "C" w/2% "H" w/2% CaCl ₂ 4800' caliper volume Diacel D, 10% Gilsonite foll	Circ td Surfcae. Circulate to sunface in two age. Caliper volume plus 307 ght w/15#sx salt, 1/4#/sx /sx Gilsonite followed by 15 CaCl ₂ . 2nd stage. 450sx Cl Circulate to surface with plus 30% excess TLW w/10% salt, 1/4#/sx Cellophane & 3 lowed by 300sx Class "C" Neat
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NEW XICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supersedes C-128 Effective 1-1-65

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

			t de trois die puter bounde:			
Operator PHILLIPS PETROLEUM CO.			Lease M.	E. HALE		Well No. 16
Unit Letter	Section	Tewnship	Range	County		· · · · · · · · · · · · · · · · · · ·
J	35	17 SOUTH	34 EAST		LEA	
Actual Foctage L 2630	ocation of Well: feet from the	SOUTH	and 1330	feet from the	EAST	line
Ground Leve, Ele	v. Freducing	Formation	Fool		Deat	Lated Acreage:
4009.5 Unprêpared	Graybur	g-San Andres	Vacuum Gray	yburg-San An	dres	Acres
1. (Jutline	the acreage ded	icated to the subje	ct well by colored pe	ncil or hachure	marks on the pla	it below.
	than one lease and royalty) .	is dedicated to the	well, outline each ar	nd identify the o	ownership thereo	f (both as to working
		f different ownershi a, unitization, force-	p is dedicated to the pooling. etc?	well, have the i	nterests of all a	owners been consoli-
Tes Yes	No I	fanswer is "yes," t	ype of consolidation _			·····
11	· •• •?]:		demostrations which he			
	r is no, list un if necessary.)	ie owners and tract	descriptions which he	ave actuary bee	n consciluated.	It se reverse side of
		gned to the well uni	il all interests have b	een consolidate	ed thy communi	tization, unitization,
	ooling, or otherwi	se) or until a non-sta	indard unit, eliminatio	ig such interests	s, has been appr	oved by the Commis-
sion.			i		<u> </u>	
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	L :	# 5 M.E. HALE	#16 7	I	<u>,</u>	
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	ENGINEER &		HALE ME HALE		1	ision, and that the some
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- Θ SERIES 900 RAM-TYPE BOP
- \odot 2" SERIES 900 VALVE
- Θ SERIES 900 DRILLING SPOOL
- ٩ 2" MUD PRESSURE GAUGE
- ଡ 2" SERIES 900 CHOKE
- 0 2" SERIES 900 CHECK VALVE
- 7 . 2" SERIES 900 STEEL TEE
- NOTES:
- 3000 PSI WP CLAMP HUSS MAY BE SUBSTITUTED FOR FLANGES
- 2. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOP RUN MUST DE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER OPENED MANUALLY FAILURE AND BE CAPABLE OF BEING

..... OPTIONAL EQUIPMENT

PHILLIPS PETROLEUM COMPANY

REV 6/73 FIGURE NO. (SERIES 900 FLANGES OR BETTER BLOWOUT PREVENTER HOOK-UP

3000 PSI WORKING PRESSURE



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762 4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP Permian Basin Region

November 2, 1982

Waiver of Objection to Drill Lease-Line Injection Wells at Unorthodox Locations, Phillips Hale-Mable Vacuum G-SA Pressure Maintenance Project, Vacuum Grayburg-San Andres Field, Lea County, New Mexico

New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico

Gentlemen:

As an authorized representative of the below named offset operator, I have been duly informed by Phillips Petroleum Company of their application to drill the attached lease-line injection wells. It is understood that the wells will be drilled to a depth of approximately 4,800 feet for the purpose of water injection into the Grayburg and San Andres formations at pressures not to exceed 0.2 psi/ft., at an average rate of 1,500 BWPD/well. I hereby waive any objection to the granting of their request to drill the attached wells.

It is understood that the subject wells are to be located as per attached.

<u>Texaco Inc.</u> Offset Operator

By <u>R.J. Leve</u> Date <u>11-4-82</u>

DH:1bb



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762 4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP Permian Basin Region

November 2, 1982

Waiver of Objection to Drill Lease-Line Injection Wells at Unorthodox Locations, Phillips Hale-Mable Vacuum G-SA Pressure Maintenance Project, Vacuum Grayburg-San Andres Field, Lea County, New Mexico

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It is understood that the subject wells are to be located as per attached.

CONOCO INC. Offset Operator

By

NOVEMBER 3, 1982 Date

DH:1bb



PHILLIPS HALE-MABLE VACUUM G-SA PRESSURE MAINTENANCE PROJECT

Well Name and No.

M. E. Hale Co-op Well No. 14

M. E. Hale Co-op Well No. 15

M. E. Hale Co-op Well No. 16

M. E. Hale Co-op Well No. 17

M. E. Hale Co-op Well No. 18

M. E. Hale Co-op Well No. 19

Mable Co-op Well No. 4

Mable Co-op Well No. 5

Location

2630' FSL & 1330' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

2630' FSL & 2630' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

2630' FSL & 1330' FEL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

1310' FSL & 1330' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

1410' FSL & 10' FEL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

10' FSL & 1210' FEL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

1330' FNL & 1310' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

1330' FNL & 110' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

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