GARREY CARRUTHERS

GOVERNOR

RE:

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

5-23-89

POST OFFICE BOX 1990 HOBBS, NEW MEXICO - 80241 - 1980 (505) 393-6161

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

> Proposed: MC DHC NSL X NSP SWD WFX PMX

Gentlemen:

I have examined the application for the:

-0. M.E. Hale #21-0 35-17-34 Lease & Well No. Unit S-T-R Up a Operator

and my recommendations are as follows:

Youns very truly

Jerry(Sexton Supervisor, District (

/ed

1. But, A Ca 1. 2.663



PHILLIPS PETROLEUM COMPANY

ODESSA TEXAS 79762 4001 PENERODK

EXPLORATION AND PRODUCTION GROUP

May 16, 1989

Order R-7103 - Expansion of Authority by Administrative Action M. E. Hale Lease Well No. 21 Vacuum Grayburg/San Andres Pool Lea County, New Mexico

State of New Mexico Energy, Minerals and Natural Resources Dept. Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501-2088

Attn: William J Lemay Director

Gentlemen:

Administrative approval, provided by Order No. 7103 and Statewide Rule 104F (III)(IV), is requested to permit drilling the unorthodox location of the subject well.

As offset operator, Texaco, Inc. has been notified of this application and has waived any objections. Attached is a project plat identifying all producing and injection wells therein, and a statement explaining the necessity for this location.

Your early consideration is appreciated. Contact me at (915) 367-1488 if you have any questions.

Yours very truly,

and M. Janker

Larry M. Sanders, Supervisor Regulation and Proration

LMS: AP

Attachment

cc: New Mexico Dept. of Energy and Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Submit to Appropriate District Office State Lasse - 6 copies Pee Lasse - 9 copies		State of New Me Minerals and Natural Re	sources Department		Form C-101 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbe, N	OIL (M 88240	API NO. (assigned by OCD on New Wells) S. Indicate Type of Lasse			
DISTRICT II P.O. Durwer DD, Artesia,	.NM \$8210				
DISTRICT III				6. State Oil & Gas	STATE X PEE
1000 Rio Brazos Rd., Azte				B-2317	
APPLICA 1. Type of Work:	TION FOR FERMIT	TO DRILL, DEEPEN, C	R PLUG BACK		
DRIL	L X RE-ENTER			7. Lease Name or U	Jait Agreement Name
b. Type of Well:	_	2			
VEL X VEL	OTHER	2018		M. E. Hal	e
2. Name of Operator Philling Pet	roleum Company			R. Well No.	· · · · · · · · · · · · · · · · · · ·
3. Address of Operator		21 9. Pool same or Wildca			
4001 Penbroo	k Street:, Odes:	sa, Texas 79762		Vacuum Gb	/SA
) : 1000 Feet P	ma The south	Line and 2240	Feet From T	east 1
13. Elevations (Show which 4015.7' GR	unorepared	4. Kind & Sutur Flug. Bood Blanket	15. Drilling Contractor Will advise		res! Rotary Wos. Date Work will start Don approval
17.	PR	OPOSED CASING AN			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEME	
17-1/2"	1 17	54 5# T-55 ODCO!	1	leees non	
<u>17-1/2"</u> 11"	<u>13-3/8"</u> 8-5/8"	54.5# J-55 ST&C	<u> </u>	1500 sx "C",	
<u>11"</u> 7-7/8"	8-5/8* 5-1/2*		<u>3200'</u> 4800'	1500 sx "C", 800 sx "C", Caliper + 301	5% salt*
11" 7-7/8" * 8-5/8" liner * If 8-5/8" lin temperature s Lead: Class " Tail: Class "	8-5/8" 5-1/2" will be run only her not set circu survey will be run "C" 65/35 Poz + 0 "C" Neat	24# J-55 ST&C 14# J-55 ST&C y if waterflow en alate to surface; un.	3200' 4800' ncountered. if 8-5/8" line	800 sx "C", Caliper + 309	51 salt* Surface
11" 7-7/8" * 8-5/8" liner * If 8-5/8" lin temperature s Lead: Class " Tail: Class " Phillips Petr	8-5/8" 5-1/2" will be run only her not set circu survey will be run "C" 65/35 Poz + 0 "C" Neat	24# J-55 ST&C 14# J-55 ST&C y if waterflow en alate to surface; un. 6% Bentonite tes all wells sha	3200' 4800' ncountered. if 8-5/8" line	800 sx "C", Caliper + 309	51 salt* Surface
11" 7-7/8" * 8-5/8" liner * If 8-5/8" lin temperature s Lead: Class " Tail: Class " Phillips Petr Use mud addit BOP Equip: 3	<pre>8-5/8" 5-1/2" will be run only her not set circu survey will be run "C" 65/35 Poz + 0 "C" Neat coleum Co. operatives tives as sequire Series 500, 3000</pre>	24# J-55 ST&C 14# J-55 ST&C y if waterflow en alate to surface; un. 6% Bentonite tes all wells sha ed for control. D# WP (See attache	3200' 4800' ncountered. if 8-5/8" line aring proration ed schematic -	800 sx "C", Caliper + 309 r set circula unit. Fig. 7-9 or	51 salt* Surface ate to 1500' and 7-10)
11" 7-7/8" * 8-5/8" liner * If 8-5/8" lin temperature s Lead: Class " Tail: Class " Phillips Petr Use mud addit BOP Equip: S	8-5/8" 5-1/2" will be run only her not set circu survey will be run "C" 65/35 Poz + 0 "C" Neat tives as sequire Series 900, 3000 CRIBE PROPOSED PROGR	24# J-55 ST&C 14# J-55 ST&C y if waterflow en alate to surface; un. 6% Bentonite tes all wells sha	3200' 4800' ncountered. if 8-5/8" line aring proration ed schematic -	800 sx "C", Caliper + 309 r set circula unit. Fig. 7-9 or	51 salt* Surface ate to 1500' and 7-10)
11" 7-7/8" * 8-5/8" liner * If 8-5/8" lin temperature s Lead: Class " Tail: Class " Phillips Petr Use mud addid BOP Equip: 2 MABOVE SPACE DESC EXEL GYE BLOWOUT MAN	8-5/8" 5-1/2" will be run only her not set circus survey will be run "C" 65/35 Poz + 0 "C" Neat "C" Neat tives as sequire Series 500, 3000 CRIBE PROPOSED PROGR	24# J-55 ST&C 14# J-55 ST&C y if waterflow en alate to surface; un. 6% Bentonite tes all wells sha ed for control. D# WP (See attache	3200' 4800' ncountered. if 8-5/8" line aring proration ed schematic -	800 sx "C", Caliper + 309 r set circula unit. Fig. 7-9 or	51 salt* Surface ate to 1500' and 7-10)
11" 7-7/8" * 8-5/8" liner * If 8-5/8" lin temperature s Lead: Class " Tail: Class " Phillips Petr Use mud addid BOP Equip: 2 N ABOVE SPACE DESC EXEL GYE ELONOUT MEN	8-5/8" 5-1/2" will be run only her not set circu survey will be r "C" 65/35 Poz + 0 "C" Neat "C" Neat tives as sequire Series 900, 3000 CRIBE PROPOSED PROOR Briter PROGRAM, B ANY.	24# J-55 ST&C 14# J-55 ST&C 14# J-55 ST&C y if waterflow er alate to surface; un. 6% Bentonite tes all wells sha ed for control. 0# WP (See attach AM: # MOROSAL ENDERFOR	3200' 4800' ncountered. if 8-5/8" line aring proration ed schematic - CR FLUX BACK GIVE DATA ON	800 sx "C", Caliper + 305 r set circula unit. Fig. 7-9 or	51 salt* 5** Surface ate to 1500' and 7-10) NE AND FROMOSED NEW PRODUCTS
11" 7-7/8" * 8-5/8" liner * If 8-5/8" lin temperature s Lead: Class " Tail: Class " Phillips Petr Use mud addid BOP Equip: 2 NABOVE SPACE DESC EXAL GYE ELONOUT MEN	8-5/8" 5-1/2" will be run only her not set circus survey will be run 'C" 65/35 Poz + 0 'C" Neat 'C" Neat tives as sequire Series 900, 3000 CRIBE PROPOSED PROFR ENTER PROFILE (1990)	24# J-55 ST&C 14# J-55 ST&C y if waterflow end alate to surface; un. 6% Bentonite tes all wells sha ed for control. D# WP (See attached AM: # MORGALE TO DEPEND	3200' 4800' ncountered. if 8-5/8" line aring proration ed schematic - cm RLOBACK GIVE DATA ON the Regulation & F	800 sx "C", Caliper + 305 r set circula unit. Fig. 7-9 or	51 salt* 5** Surface ate to 1500' and 7-10) NE AND FROMOSED NEW PRODUCTS

.

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

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

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

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

			All Distances mus	t be from the outer boundaries			
Operator				Lease		Well No.	
		Petroleum		M.E. Hale		21	
Jak Letter	Į.	Section	Township	Range		County	
0	1	35	17 South	34 East	NMPM	Lea	
ctual Foo	tage Locati	on of Well:					
16	000	feet from the	Se ith line a		feet from		
round lev	el Elev.	Produ	cing Formation	Pool		Dedicated Acreage	e:
401	5.7	Gravh	irg-San Andres	Vacuum Graybu	rg-San Andı	res 40	Acres
		he acreage dedic	ated to the stubject well by colore	d pencil or hachure marks on the p	plat below	······································	
	3. If more t	than one lease of	different ownership is dedicated (n and identify the ownership there to the well, have the interest of all		•	
		on, force-pooling. Yes		s" type of consolidation			
				have actually been consolidated.	(Use reverse side of	(
		beccessary.					
			ed to the well until all interests ha eliminating such interest, has been	ive been consolidated (by community approved by the Division.	nitization, unitization	n, forced-pooling, or otherwise)	
						OPERATOR CERTIFIC	ATION
		D	c	7	A	I hereby certify that the	
				1	l i a	contained herein in true and cor	
		i	l	1		best of my knowledge and belief	
						Lm am	lus
		1				Signature	
1		ļ	i		i i	L. M. Sanders	
		ł		f	, i i i i i i i i i i i i i i i i i i i	Printed Name	
<u> </u>			F ⁺		н	Regulation & Prora	tion Sup
		l				Phillips Petroleum Company	Company
				1		May 10, 1989	·
		1				Date	
		i			F	SURVEYOR CERTIFIC	ATION
N		2540.8	2	J2041.5'	-		
\mathbf{P}		1 2040.0	R	02047.5	T]:,	I hereby certify that the well lo	cation shown
1			:	i		on this plat was plotted from f	field notes of
1		1		i		actual surveys made by me o	
1		!		1		supervison, and that the same correct to the best of my kn	
		1		l.			owieuge unu
ŀ.						helief	
No.		1	<u> </u>			Date Surveyed	· - · ·
¥				»	¥	May 31-1-1889	
[⁸]		Mj	N QUIZ	0	PX	Signature Sea Dr. Star	· ·
		1	· · · · · · · · · · · · · · · · · · ·	-564'10 2240'		Protocologi Surveyor	
		1	#21	Sa. 8.			7
		ļ					II.
		I	Ż			- () /	AL -
1						Amshill	149
1		ĺ		4		AND AND A	()
4		26 41.3		26 41. 3'		CADITIONIA NO JOHN W WEST.	676
						AONALO J. ENDE	N. 3230 I
• 330	0 660	990 1320 10	550 1950 2310 2640	2000 1000 1500	500 0	WA W	1
ادد ⊌	· • • • • • • • • • • • • • • • • • • •						

M. E. HALE LEASE Vaccum Grayburg/San Andres Field Lea County, New Mexico Well No. 21

The proposed 10 acre infill producer is required to increase secondary as well as tertiary recovery efficiency from the Phillips M. E. Hale Lease.

Hale-Mable Vacuum Gb/SA Pressure Maintenance Project

• - PROPOSED WELLS





PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762 400% PENBROOK

EXPLOFIATION AND PRODUCTION GROUP

May 15, 1989

Unorthodox Location M. E. Hale Lease Well Nos. 20, 21, 22, and 23 Vacuum Grayburg/San Andres Pool Lea County, New Mexico

Texaco, Inc. P. 0. 728 Hobbs, New Mexico 88240

Gentlemen:

Phillips Petroleum Company has made application to the Oil Conservation Division of the State of New Mexico Energy, Minerals and Natural Resources Department, requesting approval of an unorthodox location for the subject wells. As offset operator to the proration units of these locations, your waiver is requested.

If you have no objections to these locations, please sign below and return to the undersigned.

Yours very truly,

Aavery 91. Sandus by mp

Larry M. Sanders, Supervisor Regulation and Proration

Texaco, Inc. hereby waives any and all objections to the drilling of the subject wells.

Texaco, Inc.

A. Seeman Stigned - Seeman 5/19/89

LMS:AP Attachment