	AMO	CD - Arte	sia -	Form approved.	clst
Form 3160-5 November 1983) Formerly 9-331)		D STATES	SUBMIT IN TE-PLICATE. (Other instructions on re-	Budget Bureau N Expires August	31, 1985
	BUREAU OF LA			S. LEASE DESIGNATION NM-054493666 NM-0546732-A	
			S ON WELLS itug back to a different reservoir. seb proposals.)	6. IF INDIAN, ALLOTTER	OR TRIBE NAME
1. OIL CAS WELL WELL	OTREE		RECEIVED	7. UNIT AGENEMENT NAI	18
2. NAME OF OFFEATOR Phillips Petrol	eum Company		SEP - 8 1993	8. FARM OF LEASE NAME Christopher	-
3. ADDESS OF OPERATOR			Q. C. D.	9. WBLL NO.	
4001 Penbrook S	treet, Odes:	sa, TX 791	762 *****	& Leah 31 Fe	d Leases
4. LOCATION OF WELL (Repor See also space 17 below.) At surface	t location clearly and	in accordance with	any State requirements.*	10. FIBLE AND FOOL, OR Undesignated	
				11. SPC., T., R., M., OR BI SURVEY OR ABBA	LE. AND
				Sec.31,T-23-	S,R-31-E
14. PERNIT NO.	15. BLBY	ATIONS (Show wheth	er BP, ET, GR, etc.)	12. COUNTY OR PARISE	18. STATE
. <u></u>		3347' GR (1	Jnprepared)	Eddy	NM
16.	Check Appropriate	e Box To Indica	te Nature of Notice, Report, or C	Other Data	
NOTIC	CE OF INTENTION TO:		Speasure -	TENT REPORT OF :	
TEST WATER SEUT-OFF	PELL OR AN	TER CASING	WATER SHUT-OFF	BEPAIRING W	
PRACTURE TREAT	NULTIPLE	COMPLETE	PRACTURE TREATMENT	ALTERING CA	
SHOOT OF ACIDISS	ABANDON*		SECOTING OF ACIDISING	ABANDONNEN	r •
REPAIR WELL	CHANGE PL	ANB	(Other)		
(Other) Surface	Commingle		(Nots: Report results Completion or Recompl	of multiple completion election Report and Log form	Well
17. DESCRIBE PROPOSED OR COM	PLETED OPERATIONS (learly state all per	tinent details, and give pertinent dates,		

17. DESCRIBE PROPORED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and somes pertinent to this work.) *

Request to surface commingle approval per attached letter previously filed 5/24/93.

	ARE IN RE	
、	0EIVED 8 22 M '93	
18. I hereby certify that the foregoing is true and correct		-
SIGNED Unic TITLE Supv., Regulatory Affairs	08-11-93 (915) 368-1488	-
(The open of formal of State office tase) J. Shaw Control of State office tase) J. Shaw Control of State office tase of the state of th	DATE 9/1/93	-

*See Instructions on Reverse Side

PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762 4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

May 24, 1993

Re: Christopher Federal "31" (NM-0546732-A) Leah Federal "31" (NM-0544986-B) Surface Commingling Authority

Bureau of Land Management Carlsbad Resource Office P. O. Box 1778 Carlsbad, New Mexico 88220

Gentlemen:

Phillips Petroleum Company requests approval to combine production from the Christopher Federal "31" and Leah Federal "31" leases.

The proposed commingling operation is located in Section 31, T-23-S, R-32-E, Eddy County, New Mexico. The Christopher Federal "31" lease consists of all of Section 31 with the exception of the NE 1/4 SE 1/4, which is the Leah Federal "31." The U. S. Government owns a 1/8 royalty interest in both leases.

At this time, Phillips plans to drill four Delaware oil wells in Section 31:

Christopher Fed No. 1	330' FNL & 330' FEL 🍃 De	nied (POTASH)
Christopher Fed No. 2	1980' FNL & 330' FEL	
Christopher Fed No. 3	660' FSL & 330' FEL	(2C2)
Leah Fed No. 1	1980' FNL & 330' FEL	

It is expected that production from these wells will be from two Brushy Canyon (Delaware) pay zones at ± 7740 ' and ± 7835 '. The gravity of the oil from each well should be the same - approximately 39°.

Proposed Operation:

The Leah Federal "31" No. 1 will be equipped with a test heater treater with oil metering pot for oil production allocation purposes. Oil production from the Leah Federal "31" No. 1 will be metered and recombined with the well's produced water. The recombined fluid will flow through a flow line to the inlet header at the Christopher Federal "31" tank battery where it will be commingled with produced fluids from the Christopher Federal "31" wells. Oil production will be allocated back to the Leah Federal lease based on the daily oil volume measurements



Bureau of Land Management Carlsbad, New Mexico

at the oil metering pot. The remaining oil production to be allocated to the Christopher Federal "31" lease will be calculated as total oil sales volume at the tank battery minus oil production allocated to the Leah Federal "31" No. 1.

-2-

Produced gas from the Leah Federal "31" No. 1 will be sold through a gas sales meter to be installed at the well site. Produced gas sold at the Christopher Federal "31" tank battery will be allocated to the Christopher Federal lease only.

A map showing the participating leases and wells is attached with a diagram depicting the flow regime and production equipment to be used in the commingling operation.

The three Christopher Federal "31" wells are forecasted to initially produce a total of ± 550 BOPD and 550 BWPD. The Leah Federal "31" No. 1 is forecasted to initially produce ± 150 BOPD and 150 BWPD.

Federal royalties will not be reduced in any way from the commingling of production from the two federal leases.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

L. M. Sanders, Supervisor Regulatory Affairs

LMS:JM:ehg Attachments

cc: Oil Conservation Division - Artesia

RegPro:JMapl:Chs&LehF.BLM



telet Office n Lonso - 4 ocpie Lonso - 3 ocpies n La

PHILL Unit Later

Actual Foctor

Ground level

339

Ġ

990

1320

1690

1990 2310 2640

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

DESTRUCT H F.O. Donver DD, Astonia, NM 86210

DISTRICT III 1000 Ris Branes Rd., Annes, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Reviewd 1-1-89

4882

Cittilicate

an she

WEI NA

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

....

Land

HILLIPS			I COMPA	ANY		STOPHER"	BI"FE			<u>+1</u>	
A	Section 3		23 SO	UTH	Jango 3 (EAST	NM	Com	ED.	DY	
Footage Loos 3 3 0	tion of Well: fost from the	NO	RTH	tion and		330	feet from		EAS	Γ το	
level Hev.	h	oducing I	lormálica.		Pool					Dedicated Acresge:	
<u>3347</u> 1. Outline				ELAWARE)		urbs on the plot bal	.			Acres	
2. ¥ more	than one long	s is dedice	and to the well,	, extiles each and	identify the em	aurthip thereof (bati	h as to wor	ting fate	rest and re	yaky).	•
	than one long ion, force-pool		•	a dedicated to the	well, have the	interest of all owner	s been con	olidated	by comm	estimation,	
	Yes in "no" list the		No Ya	nower is "yes" typ tions which have	o of constitut	on muchidated. (Use su	verse side	4			
this form	Y seccessry.					(by commutizatio			d-modiles	or otherwise)	
er until a :	non-standard u	ait, elimi	sting such into	met, has been app	roved by the D	visioe.	↓			· · · · · · · · · · · · · · · · · · ·	
	-				29()' Proposed Lse 3 30'	° ∖ ⊢	l contain	hareby ed herein	OR CERTIFICATION certify that the inform in true and complete in ingo and ballef.	
						Existing L	se. Ad.	Signatu			
				+				Positice	,		
								Compet	y		
	İ								RVEY	OR CERTIFICATION	
								l herol on shis actual supervi	ry cartify plat wa surveyo ison, and	that the well location s a platial from field and made by me or under that the same is put	
								belief.		bat of my bandadge L 23, 1993	
	l)		Signat Profes	no & Soa signal Sur	of wyor	

1500

1000

506

.

2000



Submit to Appro District Office Sale Lease - 4 o Per Lease - 3 or

DISTRUCT 1 F.O. Box 1980, Holde, NM 18240

PAL DIRITED, Astala, MM 98210

LAND BAN MANAGE BAL. Astac. PM 87410

State of New Maxico dnargy, Minerals and Natural Resources Department

!

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

Openant Construction Construction Construction PHILLIPS PETROLEUM COMPANY CHRISTOPHER FEDERAL "31" #3 Unde Lation Township Range Construction P 31 23 SOUTH 31 EAST Construction Actual Protogo Location of Well: 660 SOUTH 330 foot from the EAST
Unit Lease Township Hange Country P 31 23 SOUTH 31 EAST NOTM E D D Y Annual Process Leastings Leastings Leastings Leastings Leastings Leastings Leastings of Web: 2.7.0 7.7.0 7.7.0
Annual Persona of Wel:
I DDU Anatanana 3UUIR Hasani JJU fathanana EASI Has
Cround Lovel Blov. Producing Paramitico Poil Dedicated Annage:
3386' WEST SAND DUNE (DELAWARE) Anne
2. If more than one lease is dedicated to the well, ending and identify the eventship thereof (both as to working interest and reyaky).
3. If more than one loans of different overandely is dedicated to the well, have the interest of all owners been concellulated by communitation, unbianica, force-posing, etc.?
[] Yes [] No If another is "yes" type of consolidation
this form if accounty
er unit a sen-standard unit, etizienting such interest, has been approved by the Division. OPERATOR CERTIFICATION
I haroby early that the beform
heat of my browledge and bally.
Signature
Printed Name
Position
Сощину
PROPOSED SURVEYOR CERTIFICATION
LSE. RD. II I have by early that the well leaden at 2643.1' 1320' II and the plan was planed from field and an atlas plan was planed from field and and arrays made by one or under
4293.6' ADDITIONAL Reportion, and that the same to the PROPOSED RETAILS AND
LSE. NO. 4-30-93
PWR. & FLOW LN. Signature & Soci of Professional Surveyor
330'
660' Sublining
Carillinia Na.
• 330 000 990 1330 1000 2330 2600 2000 1000 1000 000 0

Submit to Appropriate District Office State Losse - 4 explos Pos Losse - 3 explos

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

PAL Derver DD, Astania, NM 88210

DESTRUCT III 1000 Rio Brunes Rd., Antes, NM 87450

State of New Mexico Energy, Minerals and Natural Resources Department

×,

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

fojalite?				
PHILLIPS PETROLI		LEAH FE	DERAL "31"	*1
Unit Lotter Section 3	23 SOUTH	31 EAST	County	EDDY
Actual Pootage Location of Well: 1980 feat from the	SOUTH In and	330	fort from the EA	ST m
Ground level Elev. Produc	sing Parmation	Post		Dedicated Acresge:
	SAND DUNE (DELAWARE) and to the addject well by enlared pe		plat balan.	Acres
2. If more than one lange is d	indicated to the well, outline each and	I identify the encountrie there	If (both as to working interest and	royaky).
3. If more than one issue of d	Efferent oversetsip is dedicated to the	- well, have the interest of all	ewners been consolidated by com	maltization,
Unitiantica, forme-pooling, (Yes [ett.7 No If answer is "yes" ty we and treat descriptions which have	pe of consultation	film many dile of	
this form if personancy.	t to the well will all interests have b	•	•••••••••••••••••••••••••••••••••••••••	
er until a son-standaré vait, e	distincting such interest, has been ap	proved by the Division.		
· 1		1		TOR CERTIFICATION
		ļ	contained here	certify that the information in in true and complete to the rindge and ballef.
		i i		nedge and bally.
		i	Signature	
		8 . 1	Printed Plane	
		PROPO		
		1323' ADDITIO PROPOS		
		LSE. RD.		
			1 SURVEY	OR CERTIFICATION
	1		I hereby cartif	y that the well location shown
		PWR.8		er plotted from field assue of made by nu or under ag
		3 30		d that the same is true and best of my insurfaces and
		656		- 30 - 9 3
			Date Serveyed	
		ļ	Signature & Se Professional Se	
		ľ	1980' Freedood Se	
		•		. ^
			July.	limo
		i	Cartificate No.	4882
9 339 669 999 1330 1689	1980 2310 2640 200	0 1900 1000	500 0	

.