1000 Rio Brazos Road

District IV - (505) 827-7131

Aztec, NM 87410

2040 S. Pacheco

Santa Fe, NM 87505

Energy Minerals and Natural Resources Department Artesia, NM 88210 District III - (505) 334-6178

Oil Conservation Division

2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

SUBMIT ORIGINAL PLUS 2 COPIE: TO APPROPRIATI DISTRICT OFFIC

APPLICATION FOR WELL WORKOVER PROJE

I.	Operate	or and Wel	II					.).	·	
Operato	or name & a	ddress							OGRID Number	
	_	Petroleu	m Co.						017654	
	25 Hwy									
Farmington, NM 87401 Contact Party						Pho		Phone 5	Phone 505-599-3454	
	Patsy Clugston Property Name					Well Number		API Number		
San	San Juan 29-6 Unit				#54		30-039-07695			
UL	Section	Townshi	Range	Feet From The	North/South Line	Feet	From The	East/	West Line	County
K	4	^p 29N	6W	1800'	south	15	50'	We	st	Rio Arriba
11.	Workover									
	orkover Co	mmenced:	Previous	Producing Pool(s)	(Prior to Workover):					
	1/25/99	malatad:								
Date W	orkover Co /1/99	mpietea.	В1.	anco Mesaver	de					
111.	Attach	a descripti	on of the	Workover Proc	edures performe	d to it	ncrease pr	oducti	on.	
IV.	Attach	a production	on declir	ne curve or table	showing at leas	t twel	e months	of pro	duction pi	rior to the workover and at
	least th	ree month	s of pro	duction following	the workover re	flectin	g a positiv	e prod	uction ind	crease.
_V	AFFID									<u>, , , , , , , , , , , , , , , , , , , </u>
	State c	of New Me	xico_)						
Ì) ss. `						
		of <u>San</u>		boing first duly	sworn, upon oat	h stati	₽¢.			
		y Clugst	Operate	, peing institutiy r or authorized i	representative of	the C	os. Inerator, o	f the a	bove-refe	erenced Well.
Ì	1. 2.	I have m	ade or o	raused to be ma	de la diligent sea	arch o	f the produ	ction r	ecords re	easonably available for this
	۷.	Well								
	3.	To the be	est of my	knowledge, this	s application and	the d	ata used to	prepa	are the pr	oduction curve and/or table
		for this V	Vell are	complete and ac	curate.					
		\ \rightarrow \rightarrow \ \rightarrow \rightarrow \ \rightarrow \ \rightarrow \ \rightarrow \rightarrow \ \rightarrow \rightarrow \ \rightarrow \rightar	\bigcap	1. 1.	Sr. Res	ulat	ory Cle	rk	D-	6-22-00
Signa	iture <u>/-</u>	alses	- (H	481/1-	: iue				Da	ate
SUBS	SCRIBED	AND SXX	ORN TO	before me this	22 day of _	June		2000	 ·	
					, Hio	(mi)	mil')	atra		
1					Notary F	Public	-	- 112.7	OFFIC	IAL SEAL
MAY C	ommieeic	n expires:	10/3	12m3			San A	A .	BILLIAN	ARMENTA
Wiy C	OHIHIOSIC	m expires.						Notar	VIARY PUBL V Bond Filed 1	with Secretary of State
								_	CHIMOSION	CYPINES
FOR (FOR OIL CONSERVATION DIVISION USE ONLY:									
VI.	VI CERTIFICATION OF APPROVAL:									
	This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the									
	Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was									
	completed on(///, 52									
	Compi		- 1							·
Signature District Supervisor OCD District Date										
			•	< > (•	_\$	C	7/1/0) 6
L				-)/	> '				. (. ,	
VII.	DATE	OF NOTIFI	CATION	TO THE SECRET	TARY OF THE TA	KATIO	N AND REV	/ENUE	DEPART	MENT:

Submit 3 Copies to Appropriate District Office

CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

District Office	OTT CONCEDUATE	ON DIVICION			
<u>DISTRICT J</u> P.O. Box 1980, Hobbs NM 88241-1980	OIL CONSERVATION 2040 Pacheco	St.	WELL API NO. 30-039-07695		
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, NM	87505	5. Indicate Type of Lease STAT	re D FEE X	
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lease No.		
SUMPRIME STATE	ICES AND REPORTS ON WEI	LS			
(DO NOT USE THIS FORM FOR PRODUCTION OF THE PROD	OPOSALS TO DRILL OR TO DEEPEN RVOIR. USE "APPLICATION FOR PE -101) FOR SUCH PROPOSALS.)	OR PLUG BACK TO A	7. Lease Name or Unit Agree	ement Name	
1. Type of Well: OIL GAS WELL WELL X	OTHER	017654	San Juan 29-6 Unit	009257	
2. Name of Operator Phillips Petroleum Company			8. Well No. SJ 29-6 Unit #54		
3. Address of Operator 5525 Highway 64, NBU 3004,	Farmington NM 87401		Pool name or Wildcat Blanco Mesaverde	72319	
4. Well Location Unit Letter K : 180		Line and15	Feet From The	West Line	
,	Township 29N	Range 6W	NMPM Rio Arr	iba <u>County</u>	
Section 4		ther DF, RKB, RT, GR, et			
	ppropriate Box to Indicate	a Nature of Notice	Report, or Other I)ata	
	NTENTION TO:	SUI	BSEQUENT REPO	ORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERIN	NG CASING	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN	G OPNS. PLUG AF	ND ABANDONMENT L	
PULL OR ALTER CASING		CASING TEST AND C		ſ	
OTHER:			dd pay and stimulate		
12. Describe Proposed or Completed O work) SEE RULE 1103.		~			
See the attached for the existing Mesaverde form	he procedure used to add pamation.	ay and stimulate th	e Lewis Shale intervention of the state of t	al within the	
		Call (6031. EE77. Diet. 3		
I hereby certify that the information above	is true and complete to the best of my know			11/2/99	
SIGNATURE 1 alsy	lugim	mre Regulato	ry Assistant DA	TE	
TYPE OR PRINT NAME	Patsy Clugston		TELEPHO	DNE NO. 505-599-345	
(This space for State Use) TRIGINAL' SIGN	ed by ernie busch	DEPUTY OIL &	gas inspector, dist. 🎉	NOV 5 199	
APPROVED BY		TITLE	DAT	E	

San Juan 29-6 Unit #54 Fee: Unit K, 1800' FSL &: 1550' FWL Section 4, T29N, R6W; Rio Arriba County, New Mexico

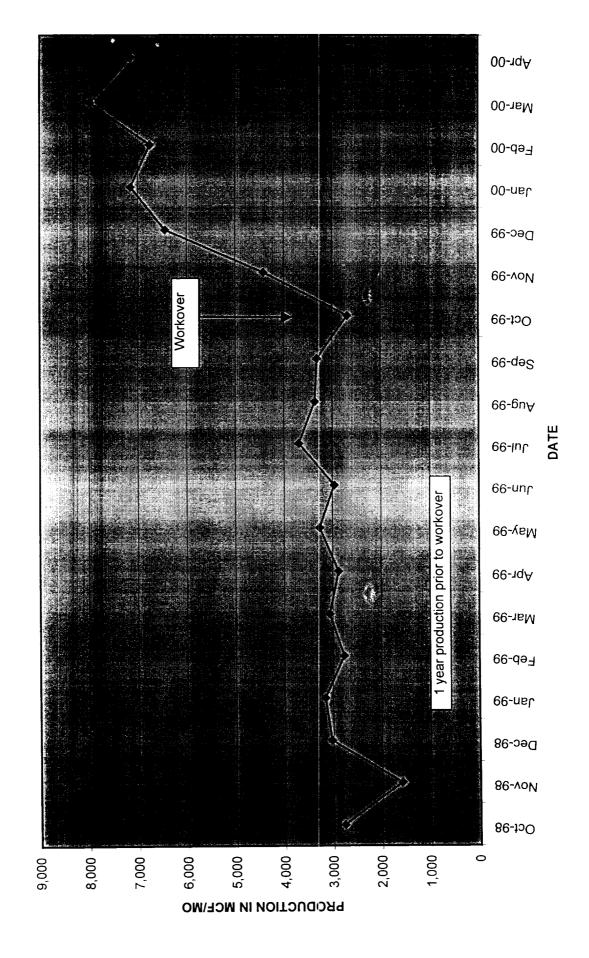
Procedure used to add pay and stimulate the Lewis Shale interval within the existing Mesaverde formation.

10/25/99

MIRU Key Energy #29. Kill well. ND WH & NU BOPs. PT - OK. COOH w/2-3/8" tubing. RIH w/5-1/2" CIBP & set @ 5050'. Load hole w/2% KCL & PT plug, casing and rams to 550 psi. Held 30 minutes. Good test. POOH. RU Blue Jet & ran GR/CCL/CBL from 5070' to surface. TOC @ 4180'. Perforated Lewis Shale @ 1 spf .38" holes as follows:

4766' - 4768' (3');	4758' - 4760' (3');	4748' - 4750' (3');	4658' - 4660' (3');
	4564' - 4566' (3');	4534' - 4536' (3');	4500' - 4502' (3');
4608' - 4610' (3'); 4488' - 4490' (3');	4434' - 4436' (3');	4290' - 4292' (3');	4282' - 4284' (3') Total 36 holes

RIH w/FB packer & set @ 4712'. RU BJ to acidize. Pumped 1000 gal 15% HCL & ballsealers. Unset packer & knocked balls off. POOH w/packer. RIH w/FB packer & set @ 4073'. RU to frac. Pumped 79,548 gal of 60 Qualtiy N2 foam consisting of 30,100 gal of 30# X-link gel & 892,000 scf N2. Pumped a 4200 gal foam pad followed by 75,348 gal of foam containing 207,500 # 20/40 Brady sand. ATR - 35 bpm, ATP - 3610 psi. ISDP - 450 psi. Flowed back on 1/4" and 1/2" choke for approx. 32 hours. RD flowback equipment. Unset packer & POOH. RIH w/4-3/4" bit & tagged sand fill @ 4875'. Cleaned out fill to CIBP @ 5050'. Drilled out CIBP. Circulated bottoms up. Continue cleaning out to PBTD. RIH w/2-3/8" 4.7# tubing and landed @ 5585' with "F" nipple set @ 5552'. ND BOP & NU WH. Pumped off exp. check and RD & MO 11/1/99. Turned well over to production department.



API#	29-6 #54	mcf/Month
30-039-07695	Oct-98	2,769
	Nov-98	1,590
	Dec-98	3,028
	Jan-99	3,159
	Feb-99	2,767
	Mar-99	3,061
	Apr-99	2,875
	May-99	3,264
	Jun-99	2,960
	Jul-99	3,691
	Aug-99	3,359
	Sep-99	3,313
	Oct-99	2,683
	Nov-99	4,420
	Dec-99	6,439
	Jan-00	7,144
	Feb-00	6,752
	Mar-00	7,971
	Apr-00	7,156