1043 Ct. Fremen LA 180bbs. NM 88241-1980 <u>District II</u> - (505) 748-1283 811 S. First Arnesia, NM 88210 <u>District III</u> - (505) 334-6178 1000 Rio Brazos Road Aztoc, NM 87410 <u>District IV</u> - (505) 827-7131

Energy Minerals and Natural Resources Department Oil Conservation Division

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

PEGETYED

SUBMIT ORIGINA PLUS 2 COPIE TO APPROPRIAT DISTRICT OFFIC

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Revised 06/9

MELL WORKOVER PROJECTION GOING DIVING

I.	Operat	or and We	Jf					边发	N. B	
	or name & a		:II	<u> </u>					OGRID N	lumber
•		Petroleu	m						[
	25 Hwy.									
Far	aninato	n, NM 8	7401						01769	54
Contac	t Party								Phone 505-59	99–3454
Pat	tsy Clu	gston					Well Numl	305	API Num	
	y Name	20 6 Uni	+				32A	<i>)</i> E1		39 –21 423
<u>Sai</u> UL	Section	29-6 Uni		Feet From The	North/South Line	Feet F	rom The	East/\	Vest Line	County
F	11	29N	6W	1560	North	149	90	Wes	t	Rio Arriba
11.	Worko			1500						
		ommenced:	Previous	Producing Pool(s) (Prior to Workover):					
	20/98		·							
	orkover Co	mpleted:	D1	co Mesaverde						
	25/98	1 - 1 - 1			adverse performe	d to in	orease n	oduction	00	
III.	Attach	a descript	on or the	e vvorkover Proc	edures performe	twelv	e months	of nm	duction n	rior to the workover and at
IV.	Attach	a producu	on decil	le curve or table	the workover re	flecting	a a positiv	e prod	uction inc	crease.
V .	AFFID	AVAT.	is or pro	adedon lonowing	uic workerer re	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3 a boon	- - - - - - - - - -		
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	Otale (EXICO) ss.						
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	2.	I have m	ade, or o	aused to be ma	de, a diligent sea	ırch of	the produ	iction r	ecords re	easonably available for this
		Wall								
	3.	To the be	est of my	knowledge, this	application and	the da	ata used to	prepa	are the pr	roduction curve and/or table
		for this V	Vell are o	complete and ac	cyrate.					
		1/4		70 -	/	4	3	n+	D-	ate 7/1/99
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му С	ommissio	n expires:	70	-8-2001						\cdot
FOR (OIL CONS	FRVATION	DIVISIO	N USE ONLY:						
VI.	CERT	IFICATION	OF AP	PROVAI ·						
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	Distinct	n horahu s	varifiae H	na data ehowe a	positive producti	on inc	rease. By	CODV	nereot. Tr	Je DMSiou Homises me
	Secre	tary of the	Taxation	and Revenue D	epartment of this	s Appr	oval and	ertifies	s that this	Well Workover Project was
	compl	eted on _	7/20	5 , 58						
Signat	ure District	Supervisor	-		OCD Distr	rict		Dat	le	
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					. DV OF THE TAY	ATIO11	AND DEM	ENII IE I	TEDARTI	AENT.
VII.	DATE	of Notific	CATION	TO THE SECRET	ARY OF THE TAX	MOIL	WAND KEA	ENUE		ILIT!!

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

PORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-012698	NM - C	126	98_
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Phillips Petroleum Company Address and Telephone No. 39.039-21423 10. Field and Pool, or exploratory Area Blanco Mesaverde 11. County or Parish, State Blanco Mesaverde 11. County or Parish, State Rio Arriba. NV CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION Notice of Inters X Subsequent Report Prigating Back Recompletion Prigating Back Non-Routine Fracturing Water Shut-Off Conversion to Injection Conversion to Injection Conversion to Injection Conversion and measured and true vertical depths for all markers and zones pertinent dates, including estimated date of starting any proposed work. If well is directionally give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* See attached for the procedure used to add pay and stimulate the Lewis Shale interval in the existing Mesaverde formation. 4. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Argeoing is fine/shapecorrect A. I hereby certify Six the Arge			NM-012698
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Type of Well Saturdary Control Saturdary Saturd		→	7. If Unit or CA, Agreement Designation
Type of well Court County of Parish County of	SUBMIT	T IN TRIPLICATE	San Juan 29-6 Unit
Charles Char	Type of Well		
Phillips Petroleum Company Address and Telephone No. 30-039-21423 30	Oil X Gas		
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San Juan 29-6 Unit #32A NM-012698; Unit F, 1560' FNL & 1490' FWL Section 11, T29N, R6W; Rio Arriba County, NM

Procedure used to perf & stimulate the Lewis Shale interval in the existing Mesaverde formation.

7/20/98

MIRU Big A #38. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag at 5354'. COOH. RIH w/4 1/2" CIBP & set @ 5200'. Load hole & pressure test CIBP & casing to 500 psi - 30 min. OK. RIH to log well from 5186' - 3693' good bond. Logged 7" from 3693' to surface. TOC @ 2400'. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3864').

```
4612' - 4615' (3');
                                                    4625' - 4628' (3');
                          4630' - 4633' (3');
4654' - 4657' (3');
                                                                              4475' - 4478' (3');
                                                    4482' - 4485' (3');
                          4496' - 4499' (3');
4542' - 4545' (3');
                                                                              4225' - 4228' (3'); 36 Holes Total
                                                    4237' - 4240' (3');
                          4265' - 4268' (3');
4406' - 4409' (3');
```

GIH w/4 1/2" packer & set @ 4050'. PT casing annulus & packer to 500 psi - OK. RU to Acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3716'. PT casing annulus -OK. RU to frac Lewis Shale. Pumped 76,000 gal of 60 Quality N2 30# X-link borate foam with 196,000 # 20/40 Brady sand. Total N2 - 994,000 scf, total fluid to recover 794 bbls. AVT - 2900 psi and ATR 45 bpm. Flowed back on 1/2" choke for approximately 44 hrs.

Released packer and COOH. RIH & cleaned out to CIBP @ 5200'. Drilled out CIBP and chased down 5786' (PBTD). RIH w/2-3/8" 4.7# tubing and cleaned out to PBTD - 5786'. Land tubing @ 5660' with "F" nipple set @ 5628'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 7/25/98. Turned well over to production department.

WORK OVER 29-6 #32a Workover Production Increase 2,000 MCF/Month 8,000 12,000 000'9 4,000 18,000 16,000 14,000

API# 29	-6 # 32a MC	F/Month
21423	Jul-97	11,656
	Aug-97	15,875
	Sep-97	14,418
	Oct-97	13,177
	Nov-97	8,379
	Dec-97	11,911
	Jan-98	6,309
	Feb-98	9,520
	Mar-98	10,035
	Apr-98	7,072
	May-98	8,099
	Jun-98	7,891
	Jul-98	4,629
	Aug-98	12,887
	Sep-98	11,137
	Oct-98	12,434