State of New Mexico
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division-District 4
1220 South St. Francis Drive
Sante Fe, New Mexico 87505
Attn.: Ed Martin, District Supervisor

Shell Exploration & Production Co.

Regulatory Affairs-EP Americas 4582 S. Ulster Street Parkway Suite 1400 Denver, Colorado 80237

May 13, 2010

**Subject:** Well Completion Report and Log, and Notice of Intent to Temporarily Abandon Shell Exploration & Production Co., Latigo Ranch 3-5 (API No. 30-019-20137) Guadalupe County, New Mexico

Dear Mr. Martin:

Shell Exploration & Production Company (Shell), as service provider to SWEPI LP in New Mexico, is submitting our Well Completion Report and Log (Form C-105) for the subject well to New Mexico Oil Conservation Division-District 4 (OCD) for your review and recordkeeping. Downhole geophysical logs will be submitted under separate cover. Additionally, Shell is submitting our Notice of Intent (Form C-103) to temporarily abandon the subject well.

If you have any questions or require any additional information regarding these reports, please contact me at (303) 222-6347, or David Janney at Kleinfelder in Albuquerque at (505) 344-7373.

Regards,

Milael L. Bergstrom

Senior Regulatory Advisor

Shell Exploration & Production Company

Attachments: Form C-105 w/mud logs

Form C-103

Submit To Appropriate District Office Two Copies					S	State of N	ew N	<i>M</i> exic	0			-				Form C-105			
District I 1625 N. French Dr., Hobbs, NM 88240				Energy, Minerals and Natural Resources					July 17, 2008										
District II										1. WELL API NO. 30-019-20137									
1301 W. Grand Avenue, Artesia, NM 88210 District III				Oil Conservation Division						2. Type of Lease									
1000 Rio Brazos Rd., Aztec, NM 87410 District IV				1220 South St. Francis Dr.							STATE SEE FED/INDIAN								
1220 S. St. Francis						Santa Fe,						3. State Oil &				100 November 750 S			
		LETION (	OR RE	ECO	MPLE	ETION RE	EPO	RT A	<u>ND</u>	LOG	1	STATE OF THE STATE							
4. Reason for fil	ing:										i	<ol><li>Lease Name Singleton Pro</li></ol>				ame			
<b>⊠</b> COMPLET	ION RE	PORT (Fill in b	oxes #1	throu	gh #31 f	or State and F	ee well	s only)			İ	6. Well Number	er:						
C-144 CLO: #33; attach this a	ınd the pla										or/	Latigo Ranch	1 3-5	5					
7. Type of Comp		☐ WORKOVE	R 🗆 D	EFPE	NING	□PLUGBAC	^к □	DIFFF	REN	IT RESERV	'OIR	OTHER							
8. Name of Oper		_ worker	<u> </u>	, cc. L	41110		<u> </u>	DILLE	, CLI	T RESERV		9. OGRID							
SWEPI LP 10. Address of O	\		_									250036	11	/:1.4 4					
P.O. Box 576,		, TX 77001										Wildcat	or w	nacat					
12.Location	Unit Lt		Т	Towns	hip	Range	Lot			Feet from t	he	S Line	Fee	t from the	W Li	ne	County		
Surface:	K	5	Ī	0N		23E				1831			176	8			Guadalupe		
вн:											Ţ								
13. Date Spudde 2-09-09	d 14. E	Date T.D. Reach	ied	15. E 4-5-0		Released				Date Compl 2-09	eted	(Ready to Produ	ıce)			tions (Di	F and RKB,		
18. Total Measur 14,538'				19. Plug Back Measured Depth 13.812'				20. Was Directiona					21. Ty	Type Electric and Other Logs Run Neutron					
22. Producing In T. Penn, B. P		of this complet	ion - To	p, Bot	tom, Na	me								<u> </u>					
23.					CASI	NG REC	COR	D (R	epo	ort all sti	ing	s set in we	ell)						
CASING SI	IZE	WEIGHT				DEPTH SET			НΟ	LE SIZE		CEMENTING		CORD	A	MOUNT	PULLED		
10-3/4"	· 	40		0-1,308'				14.75		660 sx									
7-5/8" 29. 4-1/2" 13.			0-6,258' 0-14,529'			9.875 6.5		1,172 sx 802 sx											
		13				0 14,525				0.5		002	SA.				·		
24.	Leon		L D OTTO	1014	LINE	R RECORI		Loop	DEN		25.			NG REC		<u> </u>	TD OCT		
SIZE NA	TOP		BOTT	OM		SACKS CEI	MENI	SCR	EEN		SIZ		╀	EPTH SE	<u> </u>	PACK	ER SET		
		-	_					1					T						
		interval, size, a		er)				27.	ACI	D, SHOT,	FRA	ACTURE, CE							
Intervals 12,792'-12,910'	<b>Siz</b> 0.23		l <b>umber</b> 5/foot							NTERVAL 12.910'		AMOUNT All 294,000#, 20/			<u>TERIA</u>	L USED	·		
12,996'-13,200'	0.2	8"	/foot							13,200'		194,520#, 20/							
13,322'-13,416' 13,702'-13,810'	0.23 0.23		5/foot 5/foot					- /-		3,416'		52,500#, 20/4							
14,152'-14,217'	0.23	8"	/foot						13,810' 14,217'		63,500#, 20/40 sand 136,650#, Econoprop								
14,312'-14,410'	0.23	8 (	5/foot					14,3	12'-1	14,410'		215,758#, Eco	onop	гор			*		
28.										ΓΙΟΝ									
Date First Produc	ction	l Pi		n Metl	nod (Flo	wing, gas lift,	pumpii	ng - Size	e and	type pump)	)	Well Status Shut-in	(Pro	d. or Shu	t-in)				
Date of Test		ırs Tested	Choke			Prod'n For		Oil -	Bbl			- MCF	. W	ater - Bb	l.	Gas -	Oil Ratio		
9/22/09 - 10/3/09			12/64	-24/64	•	Test Period		0			273 818		1	269 112		NA			
1/17/10 - 1/22/10				- 16/6	64						317			25					
1/24/10 – 1/26/10	0   53		14/64			•					240		22	24					
Plant W. L. P		ina Desar	C-1	lat - 1.0		Oil - Bbl.		Щ,	7	MCE		20 CUM	12	2430 CUN		<u> </u>			
Flow Tubing Pre Avg. 827		ing Pressure g. 167	Hour	lated 2 Rate	24-	NA			Gas - MCF Wa 289				avity - API - <i>(Corr.)</i>						
29. Disposition of	of Gas (Sa	old, used for fue	l, ventea	l, etc.)									30.	rest Witn	essed By	,	<del></del>		
All flared	omt-																		
31. List Attachm Mud and geophy		on CDs																	
32. If a temporar cuttings removed	y pit was I and tran	used at the wel sported to Gan	l, attach ly-Marly	a plat y, Inc.	with the Tatum,	location of the NM	ne temp	orary p	it. T	emp pit use	d for	completions on	ly, d	rilling use	d closed	loop sy	stem all		
L												<del></del>							

33. If an on-site burial was used at the well, report the exact	location of the	e on-site burial:			·
	Latit	tude		Longitude	NAD 1927 1983
I hereby certify that the information shown on b	oth sides of	f this form is true and cor	nplete to	the best of my knowledge and	belief
	Printed				
Signature	Name I	Michael L. Bergstrom	Title	Senior Regulatory Advisor	Date
E mail Address Michael Bergstrom@shall.com	•				

## **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southea	astern New Mexico	Northy	Northwestern New Mexico					
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"					
T. Salt_	T. Strawn	T. Kirtland	T. Penn. "B"					
B. Salt_	T. Atoka	T. Fruitland	T. Penn. "C"					
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"					
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville					
T. Queen	T. Silurian	T. Menefee	T. Madison					
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert					
T. San Andres	T. Simpson	T. Mancos	T. McCracken					
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte					
T. Paddock	T. Ellenburger_	Base Greenhorn	T.Granite					
T. Blinebry	T. Gr. Wash	T. Dakota						
T.Tubb	T. Delaware Sand	T. Morrison						
T. Drinkard	T. Bone Springs	T.Todilto						
T. Abo	T.	T. Entrada						
T. Wolfcamp	T	T. Wingate						
T. Penn 6,375'	T.	T. Chinle						
T. Cisco (Bough C)	T.	T. Permian						

OIL OR GAS SANDS OR ZONES

No. 3, from13,322to		, 11011114,312.	14,410	
No. 4, from13,702to	•			
	,			
	IMP	ORTANT WATI	ER SANDS	
Include data on rate of water inflow	and elevation to	which water rose	in hole.	
No. 1, from975	to	1,140	feet	
No. 2, from1,140	to	1,170	feet	
,		,		

No. 1, from.....12,792...to......12,910... No. 5, from.....14,152......to.....14,217......

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology		From	То	Thickness In Feet	Lithology

Please see mud log on enclosed CD.