



Shell Exploration & Production

State of New Mexico
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division-District 4
1220 South St. Francis Drive
Santa 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

September 27, 2011

Subject: Notice of Intention to Plug and 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 Notice of Intention (Form C-103) to plug and abandon the subject well to New Mexico Oil Conservation Division-District 4 (OCD) for your review and approval.

If you have any questions or require any additional information regarding this request, please contact me at (303) 222-6347, or David Janney at AMEC in Albuquerque at (505) 821-1801.

Regards,

Michael L. Bergstrom
Senior Regulatory Advisor
Shell Exploration & Production Company

Attachments: Form C-103 w/wellbore diagram

Submit 1 Copy to Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-019-20137
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. NA
7. Lease Name or Unit Agreement Name Singleton Properties LLC
8. Well Number Latigo Ranch 3-5
9. OGRID Number 250036
10. Pool name or Wildcat Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator

SWEPI LP

3. Address of Operator

P.O. Box 576, Houston, TX 77001

4. Well Location

Unit Letter **K** : **1831+/-** feet from the **South** line and **1768+/-** feet from the **West** line

Section **5** Township **10 N** Range **23 E** NMPM County **Guadalupe**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4684' +/- graded

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Estimated start date is October 15, 2011

Pertinent details are as follows:

Cap with P&A marker

Cut and retrieve 7 5/8" casing and cut off wellhead 6' BGL

Set 100' plug across all casing strings.

Cement retainer @ 950'. Circulate 200' of cement into both annuli. Set additional 200' cement plug on top of retainer.

Cement retainer @ 5,880'. Circulate 200' of cement into annulus. Set additional 200' cement plug on top of retainer.

Cement retainer @ 12,725'. Squeeze cement into upper perms. Set additional 200' cement plug on top of retainer.

Obstruction at 12,792'

Latitude/Longitude location is: North 35.119508, West 104.526053 (NAD 83)

Spud Date: **2-9-09**

Rig Release Date: **4-5-09**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Michael L. Bergstrom TITLE Senior Regulatory Advisor DATE September 27, 2011

Type or print name: Michael L. Bergstrom E-mail address: Michael.Bergstrom@shell.com PHONE: (303) 222-6347

For State Use Only

APPROVED BY: Ed Martin TITLE **DISTRICT SUPERVISOR** DATE 10/24/2011

Conditions of Approval (if any):

Form C-103
October 13, 2009

CSG. Info	Casing	Depth (From-To)		Size	Wt	Grade	Burst	Collapse	Collar	Drift	ID	bb/ft	Hole	Mud	Cement	TOC	Comments
	Surf	0	1,308	10 3/4"	40.5#	K-55	3130	1580	STC R3	9.894	10.05	0.0981	14.75	8.9	660 sx	Surface	Bumped Plug, Floats Held, Full returns
	Prot	0	6,268	7 5/8"	29.7#	P-110	9470	5340	LTC	6.75	6.875	0.0459	9.875	9	1172 sx	?	Bumped Plug, Floats Held, Full returns
	Prod	0	14,529	4-1/2"	13.5#	P-110	12410	10670	DWC	3.795	3.92	0.0149	6	8.6	802 sx	5900' cbl	Bumped Plug, Floats Held, Full returns

NOTE: Per Casing Report: Flag Joints @ 9972, 12001, 12973 FC @ 14527' Per CBL: Flag Joints @ 12,984', 12,012', 9,985' FC @ 14,537'

TBG. Info.	Depth	Size	Wt.	Grade	Coupling	Drift	Burst	Collapse	ID	bb/ft					
	12,693	2 3/8"	4.7	L-80	EUE	1.901	11200	11780	1.995	0.00387					
	12,701	2-3/8"	Wireline Re-Entry Guide							1.995"					
LNDG NIPPLE Info.	Depth	Size	MFG	TYPE	Profile ID	NO GO ID	PACKER DETAIL				Depth	Type	Bore		
	12,657	2-3/8"	Baker	BX w/ PXN plug & prong	1.875"	N/A					12,693	Bkr	1.930"		
											Upper Tree:		2-1/16", 5K		2" Cameron "H" type BPV in tree, 1/4x100.
											Lower Tree:		2-1/16", 5K		

Stage	Perf Top		Perf Bot	Shots	Status	Rate (bbl/min)	Date	Frac'd	F.G.	size	Type	Lbs	mm/vy	BHP	BHT
6	12,792	12,794	12		Open	37	18-Nov-09	0.595				0			
	12,810	12,812	12						by TVD	30/50	Bulk Sand 20/40	294000			
	12,824	12,828	12												
	12,848	12,850	12												
	12,872	12,874	12												
	12,908	12,910	12												
5	12,996	12,998	12		Open	33	15-Nov-09	0.584				0			
	13,010	13,011	8						by TVD	30/50	Bulk Sand 20/40	194520			
	13,070	13,072	12												
	13,080	13,082	12												
	13,173	13,178	12												
	13,181	13,183	12												
4	13,322	13,323	6		Open	35	8-Nov-09	0.682				0	Sep-09	6,512	226
	13,339	13,341	12						by TVD	30/50	Bulk Sand 20/40	52500			
	13,368	13,368	12												
	13,382	13,384	12												
	13,394	13,395	8												
	13,414	13,418	12												
3	13,702	13,704	12		Open	28	8-Nov-09	0.698				0	Sep-09	6,778	230
	13,734	13,736	12						by TVD	30/50	Bulk Sand 20/40	63500			
	13,760	13,762	12												
	13,788	13,790	12												
	13,808	13,810	12												
2	14,152	14,154	12		Open	32	22-Sep-09	0.781				0	Sep-09	7,073	235
	14,170	14,172	12						by TVD	30/50	Econoprop	136,650			
	14,192	14,194	12												
	14,205	14,207	12												
	14,215	14,217	12												
1	14,312	14,314	12		Open	30	22-Sep-09	0.708				0	Sep-09	7,195	237
	14,324	14,328	12						by TVD	30/50	Econoprop	215,758			
	14,360	14,362	12												
	14,381	14,382	6												
	14,408	14,410	12												

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Set 100' plug across all casing strings.

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Obstruction 12,792'

Solid CBP @ 13,835'

~TOC @ 13,890'

Solid CBP @ 13,900'

PBTD: 13,812' WLM

FC per Tally: 14,527'

FC per CBL: 14,537'

4-1/2" @ 14,529'

TD @ TMD: 14,538'

TVD: 14,533'

BHT: 238 @ 14,474'