



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 2-34 (API No. 30-019-20136)
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 these reports, 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. 30-019-20136
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 2-34
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 **F**: **1919+/-** feet from the **North** line and **2019+/-** feet from the **West** line
Section **34** Township **11 N** Range **23 E** NMPM County **Guadalupe**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4717' +/- 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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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 October 10, 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' surface plug across all 3 casing strings.

Set cement retainer at 1400'. Circulate 200' of cement into both annuli and set a 200' plug above the retainer.

Set cement retainer at 6000'. Circulate 200' of cement into annulus and set a 200' plug above the retainer.

Spot 200' of additional cement on top of previously set plug.

Latitude/Longitude location is: North 35.162697, West 104.473350 (NAD 83)

Spud Date: **9-22-08**

Rig Release Date: **2-3-09**

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	1,483	10 3/4"	40.5#	K-55	3130	1580	STC R3	9.894	10.05	0.0981	14.75	8.9	636 sx	Surface	Bumped Plug, Floats Held, Full returns
	Prot	0	6,078	7 5/8"	29.7#	P-110	9470	5340	LTC	6.75	6.875	0.0459	9.875	9.4	1000 sx	?	Bumped Plug, Floats Held, Full returns
	Prod	0	13,854	4-1/2"	13.5#	P-110	12410	10670	DWC	3.795	3.92	0.0149	6.5	9	1155 sx	7070'	Bumped Plug, Floats Held, Full returns

NOTE: Per Casing Report: Flag Joints @ 9464, 10988, 12486 FC @ 13842' Per CBL: Flag Joints @ 12,486', 10,996', 9,471' FC @ 13,842'

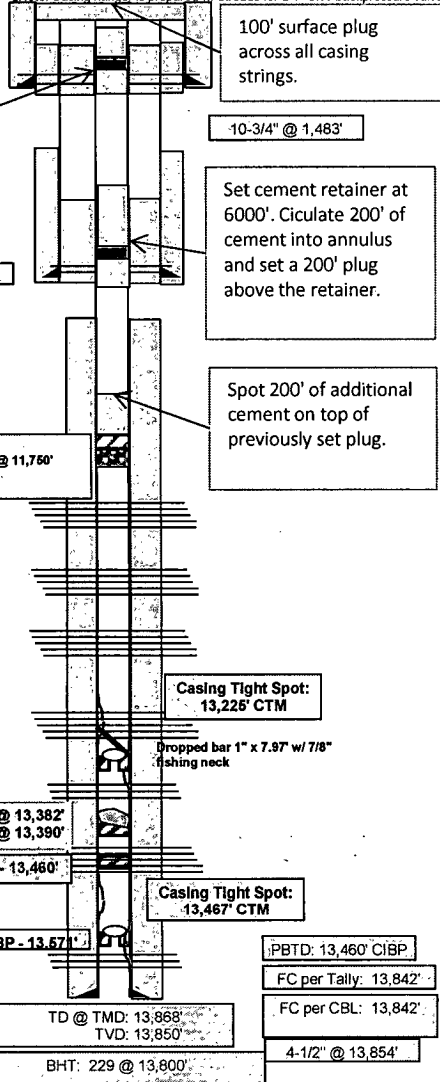
TBG. Info.	Depth	Size	Wt	Grade	Coupling	Drift	Burst	Collapse	ID	bb/ft
	11,675	2 3/8"	4.7	L80	EUE	1.901"	14,970	15,280	1.995"	0.00387
	11,682	2-3/8"							1.995"	

LNDG NIPPLE	Depth	Size	MFG	TYPE	Profile ID	NO GO ID	PACKER DETAIL	Depth	Type	Bore
	11,638	2-3/8"	Baker	BX	1.875"	N/A		11,676	Baker	1.930"

Stage	Perf Top	Perf Bot	Shots	Status	Rate (bbl/min)	Date Frac'd	F.G.	size	Type	Lbs	mm/ly	BHP	BHT
7	11,776	11,778	12	Open	28		0.662	-	0	0			
	11,784	11,796	12				by TVD	30/50	Bulk Sand 20/40	205500			
	11,811	11,813	12										
	11,825	11,827	12										
	11,834	11,836	12										
6	12,604	12,606	12	Open	30		0.54	-	0	0	Sep-09	5,774	216
	12,612	12,614	12				by TVD	30/50	Bulk Sand 20/40	180000			
	12,642	12,643	6										
	12,659	12,661	12										
	12,692	12,694	12										
	12,704	12,706	12										
5	13,006	13,008	12	Open	29		0.579	-	0	0	Sep-09	5,998	220
	13,020	13,022	12				by TVD	30/50	Bulk Sand 20/40	60000			
	13,030	13,032	12										
	13,053	13,054	6										
	13,063	13,064	6										
	13,071	13,072	6										
	13,090	13,092	12										
4	13,180	13,182	12	Open	29		0.606	-	0	0	Sep-09	6,087	222
	13,194	13,196	12				by TVD	30/50	Bulk Sand 20/40	45081			
	13,213	13,215	12										
	13,246	13,248	12										
	13,252	13,254	12										
				Screened out placed 56%									
3	13,290	13,292	12	Open	29		0.582	-	0	0	Sep-09	6,158	223
	13,352	13,354	12				by TVD	30/50	Bulk Sand 20/40	58529			
	13,368	13,372	24										
				Screened out placed 35%									
2	13,402	13,404	12	Open	34	27-Sep-09	0.554	-	0	0	Sep-09	6,232	225
	13,427	13,429	12				by TVD	30/50	Econoprop	290,853			
	13,444	13,446	12										
	13,458	13,460	12										
	13,508	13,510	12										
	13,520	13,522	12										
				CIBP 13,460' Screened out placed 87%									
				SKIPPED									
1	13,722	13,724	12	Below	28		0.689	-	0	0	Sep-09	6,399	228
DFIT	13,760	13,762	12	FTCBP	9/28/2009	SO	by TVD	30/50	Econoprop	31,672			
	13,768	13,790	12		9/17/2009	SO	by TVD	30/51	0	30,546			

Upper Tree:	2-1/16", 5K	2" Cameron "H" type
Lower Tree:	2-1/16", 5K	BPV in tree, 4/10/10
Tbg Spool:	5-1/8", 10k	

Note: Casing hanger is prepared w/ threads for a 4" CIW backpressure valve.



NOTES:

11/2/09: During CTCO, tight spot encountered at 13,467' CTM w/ 3.70" bladed mill.