

Submit 3 Copies 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  
May 27, 2004

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

WELL API NO. <b>30-019-20134</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Hage &amp; Webb Land &amp; Cattle Co.</b>
8. Well Number <b>Webb CD-1</b>
9. OGRID Number <b>250036</b>
10. Pool name or Wildcat <b>Wildcat</b>

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 **N** : **825+/-** feet from the **South** line and **1815+/-** feet from the **West** line

Section **25** Township **11N** Range **23E** NMPM County **Guadalupe**

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

**4574' graded**

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water **N/A**

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1/6/12 Set 2 7/8 CIBP @ 9334'. Perf @ 9330' pump rate of 1/4 bpm @ 1500psi. Perf @ 9325' pump rate of 1 bpm @ 2200psi.

1/7/12 Sqz 55 sx cmt through perfs & disp to ctoc 6800' (taged @ 7944') pressure test good @ 1500 psi.

1/9/12 Set CIBP @ 3300'. Perf @ 3250' sqz 77 sx cmt & disp to ctoc 3050' leaving 200' in 2 7/8, 5 1/2, & 9 5/8 (Tag @ 2990') Pressure tested good @ 1500psi.

1/10/12 Set CIBP @ 1190' perf @ 1140' get pump rate all casing circ to pit. Sqz 145 sxs cmt & disp to ctoc 940' leaving 200' in 2 7/8, 5 1/2, 9 5/8, & 13 3/8 (Tagged cmt @ 889')

1/11/12 Pressure test all casing strings for 30 min. (tested good) cut off well head & RIH w/lin & fill 5 1/2 w/cmt from 30' & 2 7/8, 9 5/8, 13 3/8 from 100' w/65 sxs cmt total.

1/12/12 Attempt to cap well, but well had bubbles. Weld on to 13 3/8 & shut in well. Monitor from 12<sup>th</sup> to 31<sup>st</sup>.

2/3/12 Drill out 2 7/8 to 95' & tag next plug @ 885'.

2/5/12 Cut 2 7/8 @ 850' w/jet cutter attempt to pull pipe (not free)

2/6/12 Wash over 2 7/8 to 45'. Continued on next page.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE **P & A Supervisor (Basic Energy Services)** DATE **2-24-12**

Type or print name:

E-mail address:

Telephone No. 432-563-3355

**For State Use Only**

APPROVED BY: [Signature] TITLE **DISTRICT SUPERVISOR** DATE **1/23/2013**  
Conditions of Approval (if any):

2/9/12 Cut 2 7/8 @ 300' & pull pipe out, cut 2 7/8 @ 798' pooh.  
2/10/12 Set cmt rtnr in 5 1/2 @ 778' attempt pump rate pressure tested @ 800 psi. Spot 106' cmt on top of rtnr to ctoc 672'.  
2/12/12 Start washing over 5 1/2 drilling out cmt.  
2/18/12 Continue washing over 5 1/2 lost circulation pooh & noticed we split 5 1/2 & 9 5/8 & knocked a hole in 13 3/8.  
2/19/12 Tag cmt in 5 1/2 @ 725'. Perf @ 700'. Perf @ 150'. Set cmt rtnr @ 675' sqz 370 sxs cmt sting out & circ  
5 1/2 cut @ 120'.  
2/20/12 Tag cmt @ 118' perf @ 115'.  
2/21/12 Set 5 1/2 CIBP @ 100' spot 15 sxs cmt @ 100' to surface.  
2/22/12 Check well for bubbles then Cut & Cap well.

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Mechanical Well Sketch

Webb CD #1  
Cuervo Field

CSG. Info	Casing	Depth (From-To)		Size	Wt	Grade	Burst	Collapse	Collar	Drift	ID	bbl/ft	Hole	Mud
	Surf	0	1,216	13 3/8	54.5	J-55	2730	1130		12.459	12.615	0.1546	17.5	8.3
	Prot	0	3,315	9 5/8"	.36	J55	3520	2020	STC	8.765	8.921	0.0773	12.25	8.7 WB
	Prod	0	10,926	5-1/2"	17	P-110	10640	7460		4.767	4.892	0.0232		13.5
	Prod	0	10,879	2-7/8"	7.9	L80	13450	13890	RTS-6	2.229	2.323	0.00524	7.875	
No Flags in 5 1/2" casing. 2-7/8" Marker Joints @ 9,248' & 10,122'														
TBG. Info.	Depth	Size	Wt.	Grade	Coupling	Drift	Burst	Collapse	ID	bbl/ft				
	10864'	2 7/8"	7.9#	L80	RTS6	2.229"	13,450	13,890	2.323"	0.00524				
LNDG NIPPLE	Depth	Size	MFG	TYPE	Profile ID	NO GO ID								
	none						PACKER DETAIL							
Stage	Perf Top	Perf Bot	Shots	STATUS	DATE	DATE	F.G.	size	Type	Lbs				
	Propellant Information													
12	9,462	9,464	12	OPEN	20	15-Feb-10	0.563	-	0	0				
	9,480	9,482	12								by TVD 30/50 Bulk Sand 30/50 165,000			
	9,524	9,526	12											
	9,533	9,535	12											
11	9,584	9,586	12	OPEN	19	14-Feb-09	0.523	-	0	0				
	9,601	9,603	12								by TVD 30/50 Bulk Sand 30/50 130,000			
	9,619	9,621	12											
	9,646	9,648	12											
10	9,682	9,684	12	OPEN	19	14-Feb-10	0.613	-	-	0				
	9,715	9,717	12								by TVD 30/50 Bulk Sand 30/50 255,000			
	9,732	9,734	12											
	9,764	9,766	12											
9	9,837	9,839	12	OPEN	19	13-Feb-10	0.613	-	0	0				
	9,847	9,849	12								by TVD 30/50 Bulk Sand 30/50 270,000			
	9,864	9,866	12											
	9,884	9,886	12											
8	9,902	9,904	12	OPEN	20	12-Feb-10	0.609	-	0	0				
	9,941	9,943	12								by TVD 30/50 Bulk Sand 30/50 181,000			
	9,950	9,952	12											
	9,990	9,992	12											
7	10,001	10,003	12	OPEN	17	11-Feb-10	0.585	-	0	0				
	10,017	10,019	12								by TVD 30/50 Bulk Sand 30/50 101,000			
	10,030	10,032	12											
	10,069	10,071	12											
6	10,094	10,096	12	OPEN	20	10-Feb-10	0.607	-	-	0				
	10,104	10,106	12								by TVD 30/50 Bulk Sand 30/50 114,000			
	10,120	10,122	12											
	10,134	10,136	12											
5	10,152	10,154	12	OPEN	19	9-Feb-10	0.618	-	-	0				
	10,213	10,215	12								by TVD 30/50 Bulk Sand 30/50 165,000			
	10,223	10,225	12											
	10,257	10,259	12											
4	10,266	10,268	12	OPEN	19	8-Feb-10	0.553	-	-	0				
	10,278	10,280	12								by TVD 30/50 Bulk Sand 30/50 78,500			
	10,334	10,336	12											
	10,342	10,344	12											
3	10,364	10,366	12	OPEN	25	7-Feb-10	0.594	-	-	0				
	10,396	10,398	12								by TVD 30/50 Bulk Sand 30/50 69,200			
	10,450	10,452	12											
	10,467	10,469	12											
2	10,494	10,496	12	OPEN	24	6-Feb-10	0.64	-	-	0				
	10,506	10,508	12								by TVD 30/50 Bulk Sand 30/50 111,500			
	10,535	10,537	12											
	10,572	10,574	12											
1	10,598	10,600	12	OPEN	20	5-Feb-10	0.644	-	-	0				
	10,623	10,625	12								by TVD 30/50 Bulk Sand 30/50 136,000			
	10,632	10,634	12											
	10,648	10,650	12											
	10,683	10,685	12											
	10,694	10,696	12								by TVD 30/50 Bulk Sand 30/50 111,500			
	10,704	10,706	12											
	10,724	10,726	12											
	10,734	10,736	12											
	10,782	10,784	12								by TVD 30/50 Bulk Sand 30/50 136,000			
	10,801	10,803	12											
	10,809	10,811	12								by TVD 30/50 Bulk Sand 30/50 136,000			
Went to flush early due to rising pressure - placed 95% of planned job														

CIBP at 1,190'. Perf at 1140'. Pump 145 sxs Class H 16.4 ppg cement. Circ 200' cement in 2 7/8" X 5 1/2", 5 1/2" X 9 5/8", and 9 5/8" X 13 3/8" annulus and inside 2 7/8". Tag TOC @ 887' inside 2 7/8".

CIBP at 3,300. Perforate at 3,250'. Pump 77 sxs Class H 16.4 ppg cement. Circ 200' cement in 2 7/8" X 5 1/2", 5 1/2" X 9 5/8", and 9 5/8" X 13 3/8" annulus and inside 2 7/8" X 5 1/2" (~200'). Tag cement inside 1/2" at 2,990'.

Set CIBP @ 9,330' pump Class H 16.4 ppg cement display 45 bbbbs mud TOC inside 5,7,9,44'.

2/19/12. Split 5 1/2" & 9 5/8" knocked hole in 13 3/8" trying to wash over. Tag cement inside 5 1/2" @ 725'. Perf at 700' and 150'. Set cement retainer at 675'. Circ 70 bbls (371 sx of cement to surface. Pull up to 118' and circ out cement w/ 10# mud. Tag cement inside 5 1/2" @ 118'. Perforate at 114'. Observe well. RIH and set CIBP at 100' pumped 16.4 ppg class H cement to surface.

1815' FWL, Sec 25, T11N, R23E  
ce Elevation: 4574' KB: 17' to GL  
API#: 30-019-20134

Comments
Bumped Plug, Floats Held, Full returns
No losses assume to surface casing
Bumped Plug, Floats Held, Full returns
Set 100' surface plug across all casing string 30' plug inside 2 7/8" 1/2

CIBP at 1,190'. Perf at 1140'. Pump 145 sxs Class H 16.4 ppg cement. Circ 200' cement in 2 7/8" X 5 1/2", 5 1/2" X 9 5/8", and 9 5/8" X 13 3/8" annulus and inside 2 7/8". Tag TOC @ 887' inside 2 7/8".

CIBP at 3,300. Perforate at 3,250'. Pump 77 sxs Class H 16.4 ppg cement. Circulate 10 bbls up inside 5 1/2" X 9 5/8" annulus (~200') and 3 bbls inside 2 7/8" X 5 1/2" (~200'). Tag cement inside 4 1/2" at 2,990'.

Set CIBP @ 9,344'. Squeeze perfs @ 9,330' pump 55 sxs Class H 16.4 ppg cement displaced w/ 45 bbls mud. Tag TOC inside 5 1/2" at 7,944'.

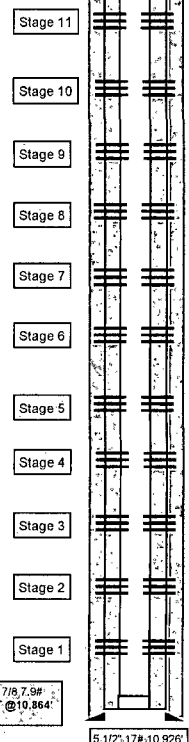
Drilled out 2 7/8" and washed over 2 7/8" X 5 1/2" cement and cut & pulled 2 7/8" from ~798'. Set retainer in 5 1/2" at 778' and pressure test. Tested to 750 psi. Held. Spot 106' of 16.4# Class H cement on top of retainer. Est TOC @ 672'.

TOC 2 7/8" 6730' per CBL

TOC 5 1/2" 7600' per CBL

CIBP set at 9,344'

BP set @ 9360' 9/10



PBTD = 10,831' (correlated) 1/30/10

BHT: 194 deg F (CBL)

CTCO PBTD: 10,822'  
FC: 10,879' (tally)  
FS: 10,926' (tally)  
TMD: 10,927' (drill)  
TVD: 10,865' (drill)



# Shell Exploration & Production

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

December 27, 2012

**Subject:** Subsequent Notice of Plugging and Abandonment  
Shell Exploration & Production Co., Webb CD-1 (API No. 30-019-20134)  
Guadalupe County, New Mexico

Dear Mr. Martin:

Shell Exploration & Production Company (Shell), as service provider to SWEPI LP in New Mexico, is submitting a Subsequent Notice of Plugging and Abandonment (Form C-103) to detail well plugging and abandonment activities conducted for 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 Steve Compton at (303) 305-4017.

Regards,

A handwritten signature in cursive script that reads "Michael L. Bergstrom".

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

Attachments: Form C-103  
Mechanical Well Sketch