

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  
 Revised June 10, 2003

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

WELL API NO. 30-025-01337
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Corbin-Abo SWD
8. Well Number 031
9. OGRID Number 14811
10. Pool name or Wildcat SWD; San Andres

**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  Salt Water Disposal Well

2. Name of Operator  
 Southwestern Energy Production Company

3. Address of Operator  
 2350 N. Sam Houston Parkway, E., Suite 300, Houston, Texas 77032

4. Well Location  
 Unit Letter G : 1,980 feet from the N line and 1,980 feet from the E line  
 Section 31 Township 17S Range 33E NMPM County Lea

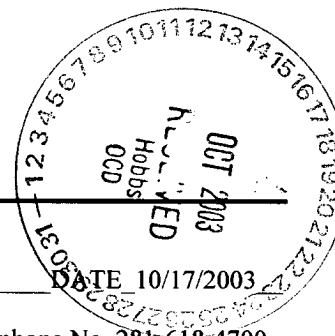
11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 GL = 3,983'

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Mechanical Integrity Test <input checked="" type="checkbox"/>	

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.

07/14/2003 to  
 07/21/2003 Flow well to frac tanks  
 07/22/2003 Attempt to kill well w/ 10.0# brine  
 07/23/2003 Kill well w/ 10.7# mud, POOH w/ tbg & RIH w/ bit & scraper to 4517'  
 07/24/2003 Circ hole w/ 10.7# mud, POOH w/ bit & scraper & RIH w/ 5-1/2" tension packer. Pressure test casing & found that the squeeze perms at 3,446' to 3,786' could not maintain pressure integrity. POOH.  
 07/25/2003 Circ hole w/ 10.7# mud, kill well w/ 11.0# mud. RIH w/ rock bit and tag fill at 5,593'.  
 07/26/2003 POOH w/ rock bit. MIRU Baker Atlas. Ran Baker PIPE log f/ 3,820' to surface.  
 07/27/2003 to  
 09/28/2003 Shut-in well pending new SWD injection permit from NM OCD.  
 See back of page for remainder of completed operations details



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

SIGNATURE [Signature] TITLE Production Engineer DATE 10/17/2003

Type or print name Lee I. Williams E-mail address: liwilliams@swn.com Telephone No. 281-618-4700

(This space for State use)

APPROVED BY [Signature] TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE OCT 21 2003

Conditions of approval, if any:

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Continued from Page 1:

09/29/2003 Flow well back and kill well w/ 11.0# mud. RIH w/ tension packer. Set pkr @ 3,424' and perform step-rate injectivity tests.

10/30/2003 Perform injectivity tests.

10/01/2003 Perform injectivity tests.

10/02/2003 Kill well w/ 11.0# mud. POOH w/ packer. RIH w/ RBP and set @ 3360'. Pressure test csg. Circ hole w/ clean 11.0# mud. Work on well head.

10/03/2003 Work on well head. RIH w/ workstring.

10/06/2003 POOH w/ RBP. RIH w/ 4-3/4" rock bit to 4,854'.

10/07/2003 Circ hole w/ 10.0# brine. Clean out open hole to top of cement plug at 6,132'.

10/08/2003 Circ hole clean w/ 10.0# brine. Kill well w/ 11.0# mud. POOH w/ rock bit. RIH w/ Mod R packer and set at 3375'. Test casing.

10/09/2003 Release packer and set 4013'. Pressure test casing and perform step-rate injectivity test. Release packer and circ hole w/ 11.0# mud.

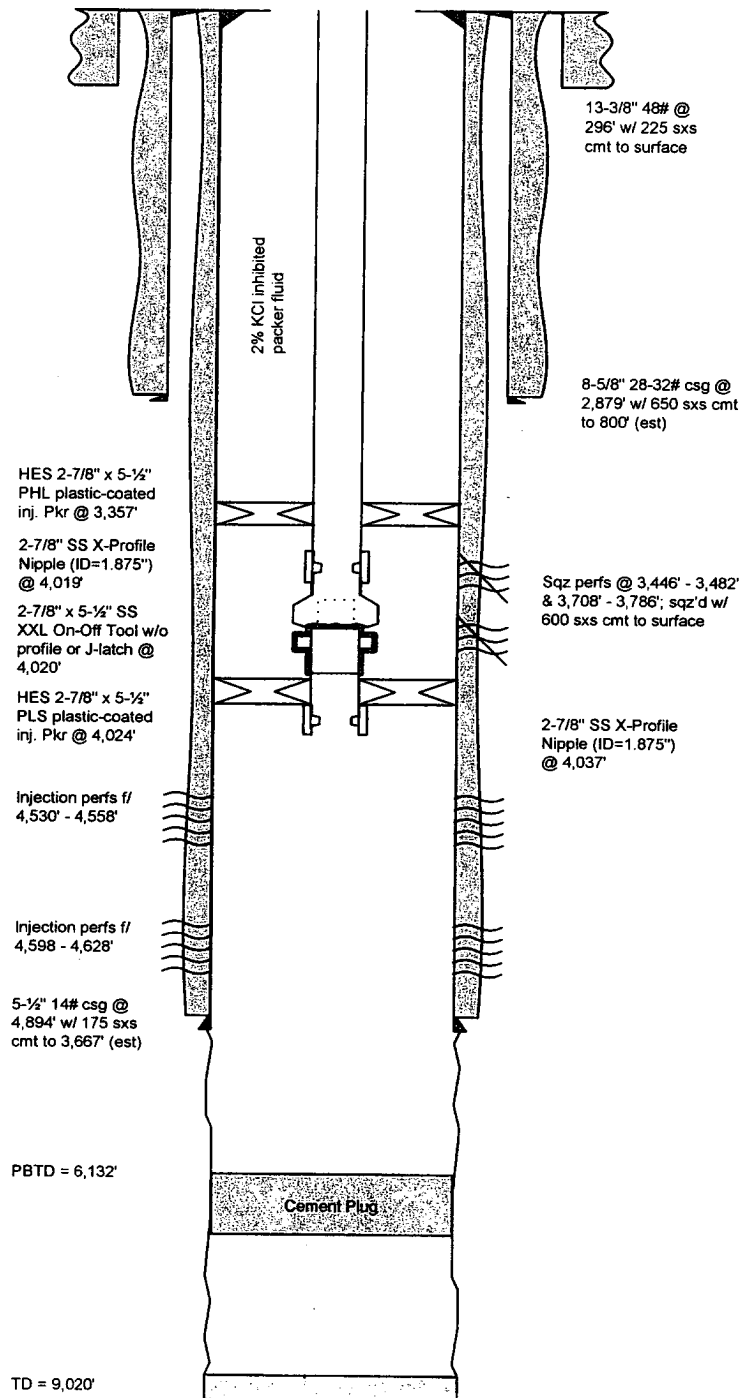
10/10/2003 POOH w/ test packer. PU and RIH w/ pump-out plug, X-profile, plastic-coated HES PLS injection packer and On-Off tool. Set packer at 4,049'. Unlatch On-Off tool and circ hole w/ inhibited 2% KCL packer fluid. POOH w/ workstring.

11/13/2003 PU and RIH w/ On-Off tool, X-profile, Duoline 20 injection tubing, plastic-coated HES PHL injection packer and Duoline 20 injection tubing. Set top packer at 3357'. Pump out pump-out plug.

**11/14/2003 Performed MIT test on 5-1/2" casing. Casing successfully tested.**

11/15/2003 MIRU Cudd Coil Tubing. RIH w/ 1.25" CT to 6132'. Wash hole clean w/ 10.0# brine. Wash hole w/ 2000 gal of toluene. Perform CT wash/squeeze with 5,796 gal of 15% NEFE HCl acid w/ 10% toluene. Pump broke and could not repair. Jet hole w/ N2 and POOH w/ CT. Flow well back to frac tanks.

11/16/2003 MIRU Cudd Pumping Services. Pump 10 bbls 2% KCl down tubing. Pump 8,148 gal 15% NEFE HCl acid w/ 10% toluene at 9 bbls/min. Flush w/ 30 bbls 2% KCl. Shut-in well 2 hours. Displace w/ 69 bbls 2% KCl. Shut-in well pending construction of new water injection battery.



**Casing Detail**

1. 13-3/8" 48# @ 296" w/ 225 sxs cmt to surface (17-1/2" hole)
2. 8-5/8" 28-32# @ 2,879' w/ 650 sxs cmt to 800' (estimated) (12-1/2" hole)
3. 5-1/2" 14# J-55 @ 4,894' w/ 175 sxs cmt to 3,667' (estimated); squeezed w/ 600 sxs to surface in 1992, 07-26-2003 CBL showed good bond (unable to see TOC between 5-1/2" & 8-5/8") (7-7/8" hole)
4. 4-1/2" openhole to 9,020' w/ cmt plug set @ 6,132'

**Tubing Detail**

Item	OD	ID	Length	Depth
1. KB correction			12.00'	0'
2. 2-7/8" Duo Line 20 tubing	3.660"	2.195"	31.33'	12.00'
3. 2-7/8" Duo Line 20 subs	3.660"	2.195"	20.84'	43.33'
4. 2-7/8" Duoline-20 tbg (105 jts)	3.660"	2.195"	3,292.90'	64.17'
5. 5-1/2" x 2-7/8" 13-17# PHL pkr (nickle plated & plastic coated)	4.700"	2.360"	5.02'	3,357.07"
6. 2-7/8" Duoline-20 tbg (21 jts)	3.660"	2.195"	657.22'	3,362.09'
7. 2-7/8" S/S 'X' Profile Nipple	3.625"	1.875"	0.82'	4,019.31'
8. 5-1/2" x 2-7/8" 'XXL' On-Off Tool (no profile or J-latch)	4.380"	2.375"	3.50'	4,020.13'
9. 5-1/2" x 2-7/8" PLS 10k pkr (nickle plated & plastic coated)	4.700"	2.360"	3.99'	4,023.63'
10. 2-7/8" EUE plastic coated tbg sub	3.440"	2.441"	10.14'	4,027.62'
11. 2-7/8" S/S 'X' Profile Nipple	3.625"	1.875"	0.82'	4,037.76'
12. 2-7/8" EUE plastic coated tbg sub	3.440"	2.441"	10.12'	4,038.58'
13. Re-entry guide	3.625"	2.500"		4,048.70'

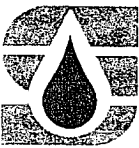
**Well Information**

Well: Corbin-Abo SWD #G-31  
 Field: Maljamar  
 Location: 1,980' FNL & 1,980' FEL, Sec. 31, T 17 S, R 33 E  
 Lea County, New Mexico  
 Elevation: GL = 3,983', KB = 3,994.8'  
 Operator: Southwestern Energy Production Company  
 API #: 35-025-01337  
 Spud Date: 12-27-1959  
 Com. Date: 12-10-1968  
 Engineer: Lee I. Williams, Office PH#: 281-618-4788  
 Update: 10-17-2003

Date of last successful MIT: 10-14-2003

**Perforations**

Top Perf	Bottom Perf	Interval	Description
1. 4,530'	4,558'	28'	Grayburg perforations
2. 4,598'	4,628'	30'	Grayburg perforations
3. 4,894'	6,132'	1,238'	San Andres openhole
<b>Total:</b>			<b>1,296'</b>
4. 3,446'	3,482'	36'	Squeeze perforations
5. 3,708'	3,786'	78'	Squeeze perforations

 <p><b>Southwestern Energy Production Company</b>          2350 N. Sam Houston Parkway E., Suite 300          Houston, Texas 77032          Office: 281-618-4700 Fax: 281-618-4755</p>	<p>WELL: Corbin-Abo SWD #G-31</p>	<p>DATE: 10-17-2003          BY: LIW</p>
	<p>LOCATION: Lea County, New Mexico</p>	<p>CURRENT</p>



Southwest Energy  
Corbin ABO SWD G#31  
Pat's Trucking #67  
Alex Lopez  
10/14/03