

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87401
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

Revised August 1, 2011

HOBBS OCD

OIL CONSERVATION DIVISION

SEP 26 2012

1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-041-20823
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 Cook
8. Well Number 001
9. OGRID Number 263940
10. Pool name or Wildcat Tule;Montoya;Penn

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
Sovereign Eagle, LLC

3. Address of Operator
P.O. Box 968, Roswell, NM 88202-0968

4. Well Location

Unit Letter B : 330 feet from the North line and 1980 feet from the East line
Section 34 Township 2S Range 29E NMPM County Roosevelt

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

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.

Attachment:

Spud Date:

4/22/1988

Rig Release Date:

5/15/1988

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

SIGNATURE

Jennifer Zapata

TITLE Production Analyst

DATE 09/25/2012

Type or print name Jennifer Zapata

E-mail address: jzapata@stratanm.com

PHONE: 575-622-1127

For State Use Only

APPROVED BY

[Signature]

TITLE

[Signature]

DATE

9-27-2012

Conditions of Approval (if any)

SEP 27 2012

**Strata Production
Cook Fee #1
Sec.34-T2S-R29E
API#-30-041-20823**

8-13-2012

Move in and unload 216 joints 3 ½" 9.3# PH-6 tubing .

8-14-2012

Set Hornet frac packer at 6,764' with 215 joints 3 ½" tubing in the hole

8-17-2012

Move in and rig up Elite well services frac equipment. Perform QC on fluids and verify that all sand is on location. Pressure test treating lines to 9,500 psi. Set backside pop-off to 1500 psi. Pressure up and hold 750 psi during job. Frac well down 3 ½" frac string as follows: Frac Perf's 6873' – 7116' w/ 3000 bbls 4% KCL 10# gel. Place 47,000# 20/40 on formation. SION. Flow well back. Lay down 3 ½" frac string and GIH w/ production string.

Strata Production
Cook Fee #1
Sec.34-T2S-R29E
API#-30-041-20823

Company:	Strata Production
Well:	Cook Fee #1
Date:	8-17-2012
Service Co.	Elite Well Services (Artesia NM Crew)

Open Well:	260	psi
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Ooloite,Penn,Montoya Perforations	6,853'	7,116'	
20/40 Ottawa	48,800	Lbs	
Proppant Laden Fluid:	57,053	gal	
Containing:	48,800	lbs	
Design Proppant Volume	150,000	lbs	
Proppant in Wellbore	47,000	lbs	
Range of Concentrations	.25-1.5	ppg	
	RATE		PRESSURE
			Stage Sand
			Clean Volume
Acid Spearhead 15%	9	BPM	4,520 PSI 0 0 3,000 Gal
10# Linear gel pad	30	BPM	7,030 PSI 0 0 17,784 Gal
¼ ppg sand slug	29	BPM	7,226 PSI 1,300 Lbs 2,069 Gal
10# Linear gel pad	29	BPM	7,402 PSI 0 Lbs 34,636 Gal
Sand ramp from ¼# to 1.5#	27	BPM	7,238 PSI 42,000 Lbs 43,616 Gal
Flush perfs	25	BPM	8,021 PSI 0 0 9,988 Gal
15% HCL	15	BPM	7,220 PSI 0 0 1,000 Gal
½# 20/40 sand	25	BPM	8,430 PSI 5,500 Lbs 11,368 Gal
10# Linear gel flush	21	BPM	8,490 PSI 0 lbs 4,200 Gal

Avg. Rate:	20.5	bpm	Max Rate:	30	bpm
Avg. Pressure:	7,260	psi	Max Pressure:	8,490	psi

ISIP	6,236	psi
Load to Recover	3,039	Bbls
5 Minute	4,875	Psi
10 Minute	4,481	Psi
15 Minute	4,163	Psi