

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM106714

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator **SM ENERGY** Contact: **VICKIE MARTINEZ**  
E-Mail: **VMARTINEZ@SM-ENERGY.COM**

3. Address **3300 N A ST BLDG 7 STE 200 MIDLAND, TX 79705** 3a. Phone No. (include area code) **Ph: 432-688-1709**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
-At surface **SWNE 2080FNL 1935FEL 32.440467 N Lat, 103.491451 W Lon**  
At top prod interval reported below **SWNE 2080FNL 1935FEL 32.440467 N Lat, 103.491451 W Lon**  
At total depth **SWNE 2080FNL 1935FEL 32.440467 N Lat, 103.491451 W Lon**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. **NMNM101361X**

8. Lease Name and Well No. **ESDU 33**

9. API Well No. **30-015-41623-00-S1**

10. Field and Pool, or Exploratory **SHUGART**

11. Sec., T., R., M., or Block and Survey or Area **UNKNOWN** Sec 24 T18S R31E Mer NMP

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **10/09/2013** 15. Date T.D. Reached **10/16/2013** 16. Date Completed  D & A  Ready to Prod. **11/02/2013**

17. Elevations (DF, KB, RT, GL)\* **3707 GL**

18. Total Depth: **MD 5514** TVD **MD 5423** 19. Plug Back T.D.: **MD 5423** TVD **MD 5423** 20. Depth Bridge Plug Set: **MD 5423** TVD **MD 5423**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CBL CNL GR CCL**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	982		537	157	0	
7.875	5.500 J-55	15.5	0	5514		928	290	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5349							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON	5064	5159	5064 TO 5159	0.370	15	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5064 TO 5159	1,088 BBLs GELLED FLUID, 40,720# 16/30 MESH, 30,060# 16/30 SLC

**RECEIVED**  
JAN 15 2014  
NMOCD ARTESIA

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/02/2013	11/13/2013	24	→	14.0	8.0	222.0	41.4		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	50	50.0	→	14	8	222	571	POW	

**ACCEPTED FOR RECORD**

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**ACCEPTED FOR RECORD**  
JAN 13 2014  
/s/ Chris Walls  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #227531 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				TOP SALT YATES SEVEN RIVERS QUEEN	1213 2401 2851 3502

32. Additional remarks (include plugging procedure):  
LOGS WILL BE PUT IN MAIL TODAY

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #227531 Verified by the BLM Well Information System.  
For SM ENERGY, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 12/19/2013 (14KMS7906SE)**

Name (please print) RYAN HARRISON Title RESERVOIR ENGINEER

Signature (Electronic Submission) Date 11/21/2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\***