

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 14 2014

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM90807

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
OSAGE FEDERAL 169. API Well No.
30-015-26283-00-S110. Field and Pool, or Exploratory
PARKWAY11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
SM ENERGY COMPANYContact: VICKIE MARTINEZ
E-Mail: VMARTINEZ@SM-ENERGY.COM3a. Address
3300 N A ST BLDG 7 STE 200
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-688-1709
Fx: 432-688-1701

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T19S R29E NWSE 2310FSL 1750FEL

12. CHECK APPROPRIATE

REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

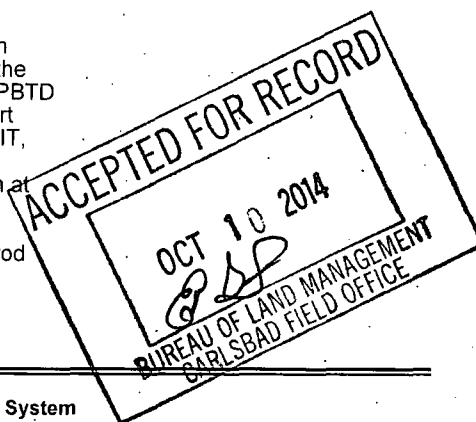
Provide C102 for new pool on current form
NM OCD

TYPE OF ACTION

- ☐
- Deepen
-
- ☐
- Fracture Treat
-
- ☐
- New Construction
-
- ☐
- Plug and Abandon
-
- ☐
- Plug Back
-
- ☐
- Convert to Injection
-
- ☐
- Production (Start/Resume)
-
- ☐
- Reclamation
-
- ☒
- Recomplete
-
- ☐
- Temporarily Abandon
-
- ☐
- Water Disposal
-
- ☐
- Water Shut-Off
-
- ☐
- Well Integrity
-
- ☐
- Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/12/13 a 10K cast iron bridge plug was set at 6,700? to protect the wellbore from the frac on the Osage 34-Federal 6H. A packer was run and the casing was pressure tested to 500 psi and the CIBP was tested to 4,000 psi. Two sacks of cement were dump bailed on the CIBP, making the PBTD 6680?. On 11/25/13 the casing was pressure tested to 500 psi for 30 min and charted. (The chart is attached.) USIT, gamma ray, and di-pole sonic logs were run from 6,675? to 5,300?. (The USIT, cement bond log header is attached and original in mail.) A 2 7/8? frac string was run with a treating packer on bottom. The well was perforated from 6595? to 6598?. No pressure was seen at surface after perforating. A breakdown was performed with 59 bbls of 2% KCl fluid. Then a hydraulic stimulation was performed with 2,465 bbls of gelled fluid, 64,980 lbs of 30/50 white sand, and 13,900 lbs of 30/50 resin coated sand. The well was flowed back and later placed on rod pump 1/9/13. A current wellbore diagram is attached. The well is currently on rod pump.



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #234948 verified by the BLM Well Information System
For SM ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by MEIGHAN SALAS on 05/01/2014 (14JLD1487SE)

Name (Printed/Typed) VICKIE MARTINEZ

Title ENGINEER TECH II

Signature (Electronic Submission)

Date 02/07/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

EDWARD FERNANDEZ
Title PETROLEUM ENGINEER

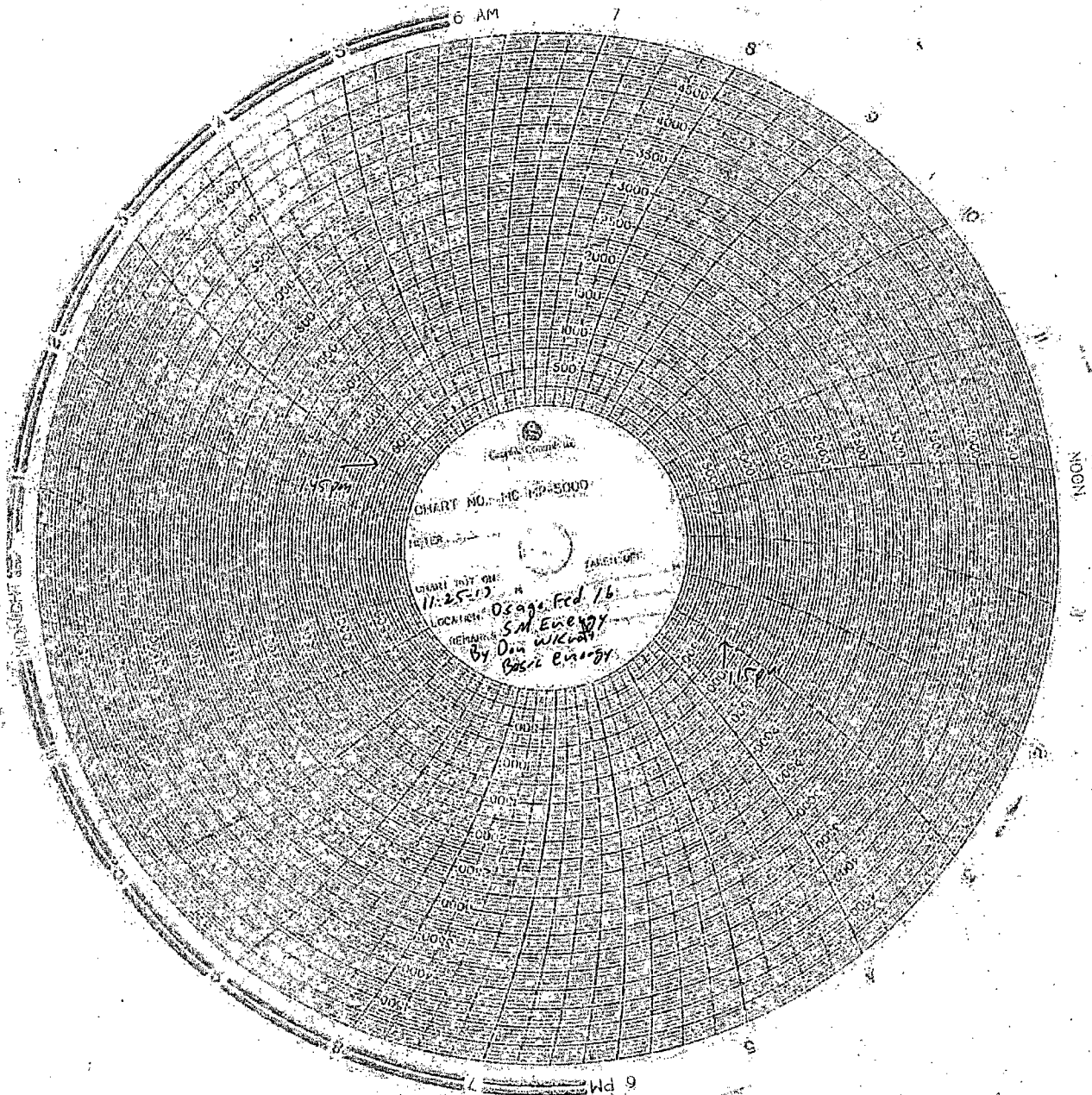
Date 10/10/2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **



Company: SM Energy Company
 Well: Osage Federal #16
 Field: Osage
 County: Eddy State: New Mexico

UltraSonic Imager

Cement Print

Gamma Ray

County: Eddy
 Field: Osage
 Location: 2310' FSL & 1750' FEL
 Well: Osage Federal #16
 Company: SM Energy Company

Location:	2310' FSL & 1750' FEL		Elev.:	K.B.	3335.50 ft
				G.L.	3320.50 ft
				D.F.	3334.50 ft
	Permanent Datum:	Ground Level	Elev.:	3320.50 f	
	Log Measured From:	Kelly Bushing	15.00 ft	above Perm.Datum	
	Drilling Measured From:	Kelly Bushing			
API Serial No.		Section:	Township:		Range:
30-015-26283		34	19S		29E

Logging Date	25-Nov-2013	
Run Number	Three	
Depth Driller	8300.00 ft	
Schlumberger Depth	6675.00 ft	
Bottom Log Interval	6675.00 ft	
Top Log Interval	5300.00 ft	
Casing Fluid Type	Water	
Salinity	0 ppm	
Density	9.3 lbm/gal	
Fluid Level	8.00 ft	
BIT/CASING/TUBING STRING		
Bit Size	8.63 in	
From	0.00 ft	
To	6675.00 ft	
Casing/Tubing Size	5.5 in	
Weight	17 lbm/ft	
Grade	J55	
From	0.00 ft	
To	6675.00 ft	
Max Recorded Temperatures	114 degF	
Logger on Bottom	Time	25-Nov-2013 12:54:07
Unit Number	Location:	2357 Roswell, NM
Recorded By	Erik Olson	
Witnessed By	Richard Choate	

Osage Federal #16

API # : 30-015-26283
SPUD: 2/10/90
COMP: 3/28/90
INITIAL FROM: BoneSprings
Recompletion Start: 11/28/13
Recomplete Target: Avalon Shale

DATE: 1/29/2014
PREPARED BY:
NDL