Form 3160-5 (August 2007)

# ISERVATION DISTRICT

# UNITED STATES DEPARTMENT OF THE INTERIOR ; BUREAU OF LAND MANAGEMENT

JUL 1 4 2014

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

| 5. | Lease Serial No. |  |
|----|------------------|--|
|    | NMNM67102        |  |

| SUNDRY NOTICES AND REPORTS ON WELLS                                 |
|---|
| Do not use this form for proposals to drill or to renter a RECEIVED |
| abandoned well. Use form 3160-3 (APD) for such proposals            |

6. If Indian, Allottee or Tribe Name

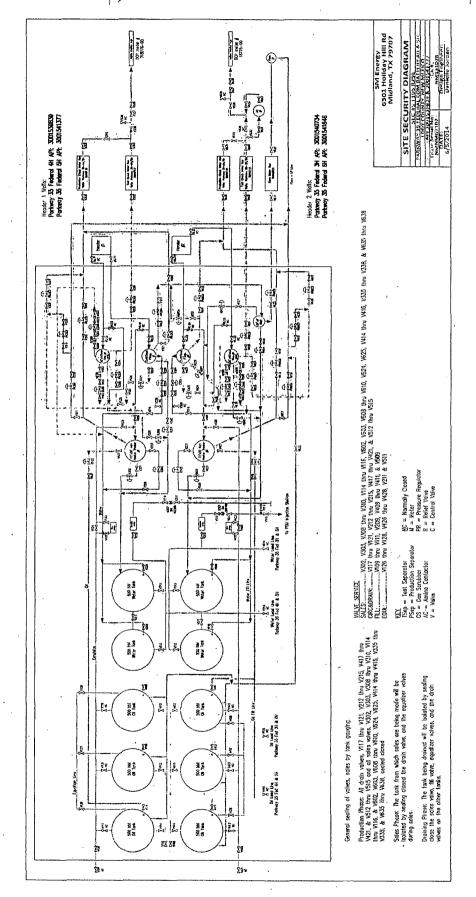
| SUBMIT IN TRI  | PLICATE - Other instruct  | ions on rev                               | erse side.                                  |                         | 7. If Unit or CA<br>NMNM131       | /Agreement, Nan<br>078 🏑 | ne and/or No.          |
|--|---|---|---|-------------------------|-----------------------------------|--------------------------|------------------------|
| Type of Well   |   |   |   | ,                       | 8. Well Name an<br>MultipleSe     |                          |                        |
| Name of Operator     SM ENERGY COMPANY   | TINEZ<br>GY.COM   |   | 9. API Well No<br>MultipleS                 | ee Attached             |                                   |                          |                        |
| 3a. Address<br>3300 N A ST BLDG 7 STE 20<br>MIDLAND, TX 79705  | 0   | 3b. Phone No<br>Ph: 432-68<br>Fx: 432-688 |   | )                       | 10. Field and Po<br>PARKWAY       | ool, or Exploratory      | y                      |
| 4. Location of Well (Footage, Sec., T  | ., R., M., or Survey Description)   |   | :   |                         | 11. County or P.                  | arish, and State         |                        |
| MultipleSee Attached   | •   |   |   |                         | EDDY COL                          | JNTY, NM                 | •                      |
|  |   |   |   |                         |                                   |                          |                        |
| 12. СНЕСК АРРІ   | ROPRIATE BOX(ES) TO   | INDICATE                                  | NATURE OF                                   | NOTICE, I               | REPORT, OR O                      | THER DATA                |                        |
| TYPE OF SUBMISSION   |   |   | TYPE O                                      | F ACTION                |                                   |                          |                        |
| Notice of Intent     ■     Notice of Intent     Notice of Inten          | ☐ Acidize   | ☐ Dee                                     | pen   | ☐ Produ                 | ction (Start/Resum                | ne) 💮 🔲 Wate             | er Shut-Off            |
|  | ☐ Alter Casing  | Frac                                      | ture Treat                                  | Reclai                  | nation                            | ☐ Well                   | Integrity              |
| ☐ Subsequent Report  | ☐ Casing Repair   | .□ New                                    | Construction                                | ☐ Recon                 | nplete                            | Othe                     | er .                   |
| ☐ Final Abandonment Notice   | ☐ Change Plans  | Plug                                      | and Abandon                                 |                         | orarily Abandon                   |                          |                        |
| 13. Describe Proposed or Completed Ope   | ☐ Convert to Injection  | ☐ Plug                                    | ·   | ■ Water                 | •                                 |                          |                        |
| testing has been completed. Final Abdetermined that the site is ready for fit SM is attaching information infextension date of 6/14/14 was. This also includes the well bel Lease Name UL:Sec:Townshi PARWAY 35 FEDERAL COM See attached.  | inal inspection.) formation BLM requested of given to SM by BLM. ow: p:Range API Number Loca 5H P-34-19S-29E 30-015 | on Notice of<br>ation<br>41377 530        | Written Order #<br>FSL & 15 FEL (           | 14CD53W.                | ACCEPTED  JUL  GOME  BUREAU OF LA | FOR RE 7 2014 ND MANAGEN | Or record CD 1874 CORD |
| 14. I hereby certify that the foregoing is   | true and correct. Electronic Submission #24   | 19567 verifie                             | hy the BIM We                               | II Information          |                                   | FIELD OFFICE             |                        |
| Co   | For SM ENEF   | RGY COMPA                                 | NY, sent to the C                           | Carlsbad                | •                                 |                          |                        |
| Name(Printed/Typed) VICKIE M.  |   | cooning by C                              |   | 06/19/2014.<br>EER TECH | • • • •                           |                          |                        |
|  |   |   |   |                         |                                   |                          |                        |
| Signature (Electronic S  | Submission)   |   | Date 06/13/2                                | 014                     |                                   |                          |                        |
|  | THIS SPACE FOR  | R FEDERA                                  |   |                         | JSE                               |                          |                        |
|  |   |   |   | ,                       |                                   |                          |                        |
| Approved By  |   |   | Title                                       |                         |                                   | Da                       | te                     |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conductive to the conductive that the applicant to conductive the applicant to conduct the applicant the applicant the applicant the applicant to conduct the applicant the applic | itable title to those rights in the s<br>ct operations thereon.   | ubject lease                              | Office                                      |                         |                                   | •                        |                        |
| Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s   | U.S.C. Section 1212, make it a creatatements or representations as to   | rime for any pe<br>o any matter w         | rson knowingly and<br>thin its jurisdiction | willfully to r          | nake to any departm               | ent or agency of t       | he United              |

## Additional data for EC transaction #249567 that would not fit on the form

Wells/Facilities, continued

Agreement NMNM131078 NMNM13107.8 Lease NMNM67102 NMNM67102 Well/Fac Name, Number API Number
PARKWAY 35 FEDERAL COM 4H 30-015-39839-00-S1
PARKWAY 35 FEDERAL COM 5H 30-015-41377-00-S1

**Location**Sec 35 T19S R29E SWSW 450FSL 330FWL
Sec 34 T19S R29E SESE 530FSL 15FEL
32.364000 N Lat, 104.031500 W Lon



# **Orifice Meter Test Report**



| Meter: 718776-00 - Parkway 35-4                 | 1/5H                | Date               | Performed: Se    | ptember 3, 2013          | 09:09 Rev 2        |
|---|---------------------|--------------------|------------------|--------------------------|--------------------|
| Producer: SM Energy City:                       |                     | State ID:          |                  |                          |                    |
| Division: County:                               | Eddy                | Federal ID:        |                  | · <del>···········</del> |                    |
| Area: State:                                    | New Mexico          | API Code:          |                  |                          |                    |
| Closing Group W22 Agency:                       | BLM ·               | Latitude:          | 32.615780        | <del></del>              |                    |
| Last Test: 09/03/2013 Reason for Test:          | New Install         | Longitude:         | 104.052775       | Site Elevation:          |                    |
| Flowing Conditions                              |                     |                    | 10-4             |                          |                    |
|   | A.com == *          | Calculation Method |                  | onstants<br>FPV Method:  | AGA8-Detail        |
| Found Left Differential: 0.00 0.00              | Average<br>0.00     | PSIA/PSIG:         | PSIA             | Btu:                     | 1191.60            |
|   | 13.00               | Contract Atmos. Pr | 13.20            | Specific Gravity:        | 0.68370            |
| Pressure: 12.20 12.70                           |                     | Pressure Base:     | 14.730           | N2:                      | 0.48600            |
| Temperature: 67.00 85.30                        | <u>85.<b>00</b></u> | Temp. Base:        | 60 .             | CO2:                     | 0.37200            |
| EFM Flow Rate: 0.60 0.00                        | •                   |                    |                  |                          |                    |
| Battery Voltage:                                |                     |                    | ,                |                          |                    |
|   |                     |                    |                  |                          |                    |
| Meter Inspection                                | •                   |                    |                  |                          |                    |
| PrimBrand: Daniel Model: Senior Ser             | #_13140178          |                    |                  |                          | •                  |
|   | # T131010196        |                    |                  |                          |                    |
| DP Range: 0-250 Model: IMV Ser                  |                     | ,                  |                  | alibration               |                    |
| SP Range: 0-100 Model: IMV Ser                  |                     | Standard           | Found            | Left                     | Flow Rate Error    |
| Tmp Range: 0-200 Model: RTD Ser                 |                     | Reset A.P.0        | . 0.11           | Len                      | Flow Nate Life:    |
| mp karge. <u>9299</u> Model. <u>Krib</u> Ser    | r                   | Reset W.P.O No     | 0,11             | 0.00                     |                    |
| Static Location: Upstream Tap Typ               | e: Flange           | 0.00               | 0.11             | . 0.00                   | Jan Bridge Alex    |
| Replace Seal Ring: No No Flow Cuto              |                     | 50.00              | 50,17            | 50.00                    | 0.17 %             |
| Replace Seal King. No Flow Cuto                 | . 0,40              | 175.00             | 175,39           | 175.00                   | D.11 <sub>02</sub> |
|   |                     | 250.00             | 250,55           | 250.00                   | 0.11%              |
|   |                     | 200.00             | 200,46<br>125,31 | 199.98                   | 0.110              |
|   | •                   | 75.00              | 75.26            | 125.00<br>75.00          | 0.12 g             |
| Orifice Plate                                   |                     | 20.00              | 20.18            | 20.00                    | 0.45%              |
| Plate Size Existing ( 2.0000                    |                     | 0.00               | 0.12             | . 0.00                   |                    |
| Plate Size Found (dr 2.0000 Ring Inspection: G  | ood                 | 4.00               | 4.16             | 4.00                     | 1.98%              |
| Tube ID Existing (Dr 3.0680 Tube Serial:        |                     |                    |                  |                          |                    |
|   |                     |                    | SP Ca            | libration                |                    |
| Plate Inspected: Yes Plate Clean Yes Edge Sharp |                     | Atmos. Press. Sour |                  | Obs. Atmos. Press:       | 13.10              |
| Smooth Yes Surface Flat                         |                     | Standard (PSIG)    | Found (PSIA)     | Left (PSIA)              | Flow Rate Error    |
| Bevel Yes Beveled DS                            |                     | 0.00               | 12.80            | 13.10                    | -1.15%             |
| Bowed No Nicked                                 | 140                 | 50.00              | 62.82            | 63.11                    | -0.22%             |
| Plate Changed: Yes                              |                     | 100.00             | 112.93           | 113.10                   | -0.08%             |
| New Plate Size (dr) 2.000                       | 00                  |                    | <del></del>      |                          |                    |
|   |                     |                    |                  |                          |                    |
|   |                     | <del></del>        | Tomporati        | re Calibration           |                    |
| •   |                     | Standard           | Found            | Left                     | Flow Rate Error    |
|   |                     | 84.00              | 84.00            | 84.00                    | 0.00%              |
|   |                     | 44.00              | 44.05            | 44.00                    | -0.06%             |
|   |                     | 74.40              | 74.20            | 74.40                    | 0.13%              |
| •   |                     | l ———              |                  |                          |                    |
| Remarks:  |                     |                    |                  | Total Error:             |                    |
|   |                     |                    |                  |                          |                    |
|   |                     |                    |                  |                          |                    |
| Witness   |                     | 0:                 | n                |                          |                    |
| Witness:  |                     | Signed: Paul. A    | Men B            |                          |                    |

Powered by TEST: ( Copyright @ 2006-2014 Flow-Cal, Inc. Houston, Texas

May 13, 2014 15:02 - Page 1

### **Monthly Meter Analysis**

4/1/2014



lbs/mm

0 ppm

Meter #. 718776-00 Name: Parkway 35-4H/5H Sample
Date: 03/21/2014
Type: Spot

 Pressure:
 40.0
 H2O:

 Temperature:
 98.0
 H2S:

| Component            | Mole %          | Liquid<br>Content | Máss %  |
|----------------------|-----------------|-------------------|---------|
| Carbon Dioxide, CO2  | 0.3751          |                   | 0.7587  |
| Nitrogen, N2         | 2.2225          |                   | 2.8615  |
| Methane, C1          | 76.3137         |                   | 56.2682 |
| Ethane, C2           | 11.4422         | 3.0708            | 15.8131 |
| Propane, C3          | 5.407Ò          | 1.4948            | 10.9582 |
| Isobutane, iC4       | 0.7047          | 0.2314            | 1.8825  |
| n-Butane, nC4        | 1.7545          | 0.5551            | 4.6869  |
| Isopentane, iC5      | 0.4288          | 0.1574            | 1.4219  |
| n-Pentane, nC5       | ·0.45 <b>46</b> | 0.1654            | 1.5075  |
| Hexanes Plus, C6+    | 0.8969          | 0.3928            | 3.8415  |
| Water, H2O           |                 |                   | •       |
| Hydrogen Sulfide, H2 |                 | •                 | 0.0000  |
| Oxygen, O2           | 0.0000          |                   | 0.0000  |
| Carbon Monoxide, CC  | )               |                   |         |
| Hydrogen, H2         |                 |                   |         |
| Helium, He           | 0.0000          |                   | 0.0000  |
| Argon, Ar            |                 |                   |         |

| Property                      | Total<br>Sample |
|-------------------------------|-----------------|
| Pressure Base                 | 14.730          |
| Temperature Base              | 0.00            |
| Relative Density              | 0.7537          |
| HV, Dry @ Base P.T            | 1278.55         |
| HV, Sat @ Base P, T           | 1256.17         |
| HV, Sat @ Sample P, T         |                 |
| Fws Factor                    |                 |
| Cricondentherm                |                 |
| HCDP @ Sample Pressure        |                 |
| Free Water GPM                |                 |
| Stock Tank Condensate Bris/mm |                 |
| 26 # RVP Gasoline             | 1.099           |
| Testcar Permian               | 0.899           |
| Testcar Panhandle             | 0.852           |
| Testcar Midcon                | 0.733           |
|                               |                 |

Totals 100,0000 6.0677 100,0000

\*\*\* End of Report \*\*\*

### WATER DISPOSAL ONSHORE ORDER #7

The following information is needed before your method of water disposal can be considered for approval.

| 1.           | Farkway; Bone Spring  |
|--------------|---|
| <b>2</b> . , | Amount of water produced from each formation in barrels per day.  |
| 3.           | How water is stored on the lease. FIDE VALOS TONKS  |
| 4.           | How water is moved to disposal facility.  TVANSFER PUMPS  |
| 5.           | Operator's of disposal facility  a. Lease name or well name and number Parkway Pelaware Un Injection Statum |
|              | b. Location by %% Section, Township, and Range of the disposal system                                       |
|              | c. The appropriate NMOCD permit number $2-9821$ and $R-9822$  |
| :            |   |
|              |   |
|              |   |
|              |   |