

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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 & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address OXY USA Inc. P.O. Box 50250 Midland, TX 79710				<sup>2</sup> OGRID Number 16696	
				<sup>3</sup> Reason for Filing Code/ Effective Date NW	
<sup>4</sup> API Number 30-015-40760		<sup>5</sup> Pool Name North Seven Rivers; Glorieta-Yeso		<sup>6</sup> Pool Code 97565	105
<sup>7</sup> Property Code 39484		<sup>8</sup> Property Name Osage 18 Fee B Com		<sup>9</sup> Well Number 1H	

**II. <sup>10</sup> Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	18	20S	25E		480'	South	2160'	West	Eddy

**<sup>11</sup> Bottom Hole Location - TP= 1094 FSL 2173 FWL (N) BP= 446 FNL 2215 FWL (L)**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	20S	25E		302	North	2216	West	Eddy

<sup>12</sup> Lsc Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection 11/8/14	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/V
239284	Occidental Energy Transportation LLC (Bridger LLC)	0
151618	Enterprise Field Services LLC	G

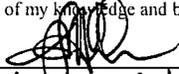
**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
NOV 17 2014  
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**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBSD	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
4/4/14	10/10/14	6765' m 2511' V	6883' m 2511' V	2880-6620'	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
14 3/4"	11 3/4"	363'	800		
10 5/8"	8 5/8"	693'	400		
7 7/8"	5 1/2"	6758'	1250		

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
11/2/14	11/2/14	11/8/14	24 hrs.		
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
	74	1490	7 mcf		

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  
Signature: 

Printed name: Janalyn Mendiola  
Title: Regulatory Coordinator  
E-mail Address: janalyn-mendiola@oxy.com  
Date: 11/13/14  
Phone: 422-685-5936

OIL CONSERVATION DIVISION	
Approved by: 	Title: "Geologist"
Approval Date: 11-19-2014	
Pending BLM approvals will subsequently be reviewed and scanned	

TCS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMNM99016

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
OSAGE 18 FEE B COM 1H

9. API Well No.  
30-015-40760

10. Field and Pool, or Exploratory  
N. SEVEN R GLORIETA-YESO

11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
OXY USA INC.  
Contact: JANA LYN MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

3a. Address  
P.O. BOX 50250  
MIDLAND, TX 79710

3b. Phone No. (include area code)  
Ph: 432-685-5936  
Fx: 432-685-5742

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T20S R25E SESW 480FSL 2160FWL  
32.567558 N Lat, 104.525370 W Lon

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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.)

Spud 14-3/4? hole 4/4/14, drill to 363? 4/5/14. RIH & set 11-3/4? 42# H-40 LTC csg @ 363?, pump 30BFW spacer w/ red dye then cmt w/ 400sx (119bbl) Thixotropic C w/ additives 14.2ppg 1.67 yield followed by, 400sx (95bbl) PPC w/ additives 14.8ppg 1.34 yield, circ 201sx (60bbl) to surface, WOC. RIH Tagged cmt @ 312? drill out to 363? & begin drilling new formation to 384?.

4/7/14 Drill 10-5/8? hole to 693? 4/8/14. RIH & set 8-5/8? 32# J-55 LTC csg @ 693?. Pump 30BFW w/ red dye spacer then cmt w/ 400sx (95bbl) PPC w/ additives 14.8ppg 1.33 yield, circ 253sx (60bbl) to surface, WOC. 4/9/14, Install WH, test to 1771#, test passed. RU BOP, test 250# low 3000# high. 4/9/14 RIH & tag cmt @ 603?, test csg to 2751# for 30 min, test passed. Drill out cement & begin drilling new formation to 703?. Perform FIT test to EMW=14ppg, 179psi good test.

4/10/14 Drill 7-7/8? hole to 6765?M 2511?V, 4/17/14. RIH & set 5-1/2? 17# L-80 BTC csg @ 6758?.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
NOV 17 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #278713 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad**

Name (Printed/Typed) DAVID STEWART Title SR. REGULATORY ADVISOR

Signature (Electronic Submission) Date 11/12/2014

THIS SPACE FOR FEDERAL OR STATE OFFICIAL APPROVAL

Approved By \_\_\_\_\_ Title \_\_\_\_\_

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 \_\_\_\_\_

Pending BLM approvals will subsequently be reviewed and scanned  
*TCS*

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #278713 that would not fit on the form**

**32. Additional remarks, continued**

Pump 50bbl tuned spacer then cmt w/ 350sx (155bbl) IFC w/ additives @ 11.9ppg 2.49 yield followed by 900sx (248bbl) PPC w/ additives @ 14.2ppg 1.55 yield, circ 426sx (176bbl) to surface. ND BOP, RD ReI Rig 4/20/14.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMNM99016

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
OSAGE 18 FEE B COM 1H

9. API Well No.  
30-015-40760

10. Field and Pool, or Exploratory  
N. SEVEN R GLORIETA-YESO

11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
OXY USA INC. Contact: JANA LYN MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

3a. Address  
P.O. BOX 50250  
MIDLAND, TX 79710

3b. Phone No. (include area code)  
Ph: 432-685-5936  
Fx: 432-685-5742

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T20S R25E SESW 480FSL 2160FWL  
32.567558 N Lat, 104.525370 W Lon

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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.)

RU CTU 8/3/14, RIH & Tag PBTD @ 6683', pressure test csg to 5000# for 30 min, test good. RIH & perf @ 6620-6400, 6300-6080, 5980-5760, 5660-5440, 5340-5120, 5020-4800, 4700-4480, 4380-4160, 4060-3840, 3740-3520, 3420-3200, 3100-2880' Total 300 holes. Frac in 12 stages w/ 2588512g Slick Water + 35406g 15% HCl acid w/ 1772236# sand, RD Nabor. RIH & clean out well, tag up @ PBTD @ 6683', POOH, RIH with 2-7/8" tbg & TAC set @ 1976'. RIH w/ Rod Pump and test well for potential.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

NOV 17 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #278755 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad**

Name (Printed/Typed) DAVID STEWART Title SR. REGULATORY ADVISOR

Signature (Electronic Submission) Date 11/12/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_  
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 \_\_\_\_\_

Pending BLM approvals will subsequently be reviewed and scanned *TES*

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 furnish to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 17 2014

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM99016

**RECEIVED**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
OXY USA INC. Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

8. Lease Name and Well No.  
OSAGE 18 FEE B COM 1H

3. Address P.O. BOX 50250  
MIDLAND, TX 79710

3a. Phone No. (include area code)  
Ph: 432-685-5936

9. API Well No.  
30-015-40760

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SESW 480FSL 2160FWL 32.567559 N Lat, 104.525371 W Lon

At top prod interval reported below SESW 1094FSL 2173FWL

At total depth NENW 302FNL 2216FWL 32.579994 N Lat, 104.525163 W Lon

10. Field and Pool, or Exploratory  
N. 7R GLORIETA YESO

11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T20S R25E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
04/04/2014

15. Date T.D. Reached  
04/17/2014

16. Date Completed  
 D & A  Ready to Prod.  
10/10/2014

17. Elevations (DF, KB, RT, GL)\*  
3568 GL

18. Total Depth: MD 6765  
TVD 2511

19. Plug Back T.D.: MD 6683  
TVD 2511

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL/PLATFORM EXPRESS/CBL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	11.750 H40	42.0	0	363	0	800	214	0	0
10.625	8.625 J55	32.0	0	693	0	400	95	0	0
7.875	5.500 L80	17.0	0	6750	0	1250	403	0	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	1976	0						

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	2225	2419	2880 TO 6620	0.430	300	OPEN
B) YESO	2420	2511				
C)						
D)						

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

Depth Interval	Amount and Type of Material
2880 TO 6620	35406G 15% HCL ACID + 2588512G SLICKWATER W/ 1772236# SAND

### 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
11/02/2014	11/08/2014	24	→	74.0	7.0	1490.0	38.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	74	7	1490	95	POW	

### 28a. Production - Interval B

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

Pending BLM approvals will  
 subsequently be reviewed  
 and scanned  
TOS

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

ELECTRONIC SUBMISSION #278762 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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	Tbg. 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	Tbg. 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
SAN ANDRES	670	2224	OIL, GAS; WATER	GRAYBURG	400
GLORIETA	2225	2419	OIL, GAS, WATER	SAN ANDRES	815
YESO	2420	2511	OIL, GAS WATER	GLORIETA	2225
				YESO	2420

32. Additional remarks (include plugging procedure):  
Per Jennifer Duarte, all logs were mailed to the BLM & NMOCD, date unknown. Additional copies if needed will be furnished upon request.

Directional survey, As-Drilled Amended C-102 plat, WBD and Fracturing Fluid Disclosure are attached.

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 #278762 Verified by the BLM Well Information System.  
For OXY USA INC., sent to the Carlsbad**

Name (please print) DAVID STEWART Title SR. REGULATORY ADVISOR

Signature (Electronic Submission) Date 11/12/2014

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**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***