

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 PO BOX 4294 HOUSTON, TX 77210		<sup>2</sup> OGRID Number 16696
		<sup>3</sup> Reason for Filing Code/ Effective Date NEW WELL - 05/14/2014
<sup>4</sup> API Number 30 - 015-40759	<sup>5</sup> Pool Name N SEVEN RIVERS GLORIETA YESO	<sup>6</sup> Pool Code 97565
<sup>7</sup> Property Code 39481	<sup>8</sup> Property Name OSAGE 18 FEE A 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
O	18	20S	25E		330	SOUTH	1800	EAST	EDDY

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	20S	25E		282	NORTH	1675	EAST	EDDY
<sup>12</sup> Lse Code FEDERAL	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
239284	OCCIDENTAL ENERGY TRANSPORTATION PO BOX 50250; MIDLAND, TX 79710	O
151618	ENTERPRISE FIELD SERVICES L.L.C.	G
	NM OIL CONSERVATION ARTESIA DISTRICT JUN 20 2014 RECEIVED	

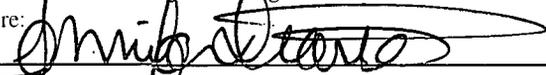
**IV. Well Completion Data**

<sup>21</sup> Spud Date 03/06/2014	<sup>22</sup> Ready Date 05/14/2014	<sup>23</sup> TD 6897' MD / 2500' TVD	<sup>24</sup> PBSD 6821' MD / 2484' TVD	<sup>25</sup> Perforations 2875' - 6757'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
11"	8.625" J55 32#	710'	690 SKS		
7.875"	5.5" L80 17#	6897'	1050 SKS		
	2.875"	1817'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 05/27/2014	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date 06/06/2014	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure 350	<sup>36</sup> Csg. Pressure 90
<sup>37</sup> Choke Size 64/64	<sup>38</sup> Oil 132	<sup>39</sup> Water 797	<sup>40</sup> Gas 67	<sup>41</sup> Test Method PUMPING	

<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:  
JENNIFER DUARTE

Title:  
REGULATORY SPECIALIST

E-mail Address:  
JENNIFER\_DUARTE@OXY.COM

Date:  
06/19/2014

Phone:  
713-513-6640

OIL CONSERVATION DIVISION

Approved by: 

Title: Dist. Specialist

Approval Date: 6/26/14

Pending BLM approvals will subsequently be reviewed and scanned

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.  
NMNM99017

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

2. Name of Operator  
OXY USA INC  
Contact: JENNIFER A DUARTE  
E-Mail: jennifer\_duarte@oxy.com

9. API Well No.  
30-015-40759

3a. Address  
PO BOX 4294  
HOUSTON, TX 77210

3b. Phone No. (include area code)  
Ph: 713-513-6640

10. Field and Pool, or Exploratory  
N SEVEN RIVERS GLOR YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T20S R25E SWSE 330FSL 1800FEL

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

**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.)

03/06/2014 ? SPUD 11? SURFACE HOLE.  
03/08/2014 ? TD SURFACE HOLE @ 710?. RAN 8.625? J55 32# SURFACE CASING TO 710?. CEMENTED W/ 690SX 1.66 YLD. TOC = 0?; CIRCULATED 338SX TO SURFACE.  
03/11/2014 ? PRESSURE TESTED SURFACE CASING TO 2750 PSI ? 30 MIN ? GOOD TEST. BEGAN DRILLING 7.875? PRODUCTION HOLE.  
03/20/2014 ? TD PRODUCTION HOLE @ 6897?.  
03/21/2014 ? RAN 5.5? L80 17# PRODUCTION CASING TO 6897?. CEMENTED W/ 1050SX 2.45 YLD. TOC = 0?; CIRCULATED 178SX TO SURFACE.  
03/22/2014 ? RELEASED RIG.

Accepted for record  
JRD NMOCD 6/26/14

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JUN 20 2014

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #250170 verified by the BLM Well Information System for OXY USA INC, sent to the Carlsbad

Name (Printed/Typed) JENNIFER A DUARTE Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 06/19/2014

RECEIVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_  
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.

Pending BLM approvals will subsequently be reviewed and scanned

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person to knowingly and willfully 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 \*\***

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.  
NMNM99017

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

2. Name of Operator  
OXY USA INC  
Contact: JENNIFER A DUARTE  
E-Mail: jennifer\_duarte@oxy.com

9. API Well No.  
30-015-40759

3a. Address  
PO BOX 4294  
HOUSTON, TX 77210

3b. Phone No. (include area code)  
Ph: 713-513-6640

10. Field and Pool, or Exploratory  
N SEVEN RIVERS GLOR YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T20S R25E SWSE 330FSL 1800FEL

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

**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 checked="" 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 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.)

04/12/2014 ? RU CTU. Clean to PBDT at 6821?. RD CTU. RU wireline and run CBL/VDL/GR/CCL from 2500? to surface. RD wireline.

04/14/2014 ? Tested casing to 6,200 psi for 30 minutes. RU CTU. Perforate at 6757? (11 holes), 6623? (10 holes) and 6489? (9 holes) total 30 holes. Broke perforations with 3000 glns of 15%HCL. RD CTU.

04/19/2014 ? Performed 10 stages Plug & Perf frac with: FLUID ? 29,979 glns 15% HCL; 53,690 glns 15# Linear fluid; 705,726 glns 15# BXL; 163,730 glns 15# BXL (Activator); 41,813 glns treated water. SAND - 19,440 lbs 40/70 OTTAWA; 1,017,800 lbs 20/40 OTTAWA and 452,340 lbs 16/30 Momenive Siberpro

PERF INTERVALS:

6757? (11 holes), 6623? (10 holes), 6489? (9 holes) TOTAL: 30 holes; 6355? (11 holes), 6221? (10 holes), 6087? (9 holes) TOTAL: 30 holes; 5953? (11 holes), 5819? (10 holes), 5685? (9 holes) TOTAL:

APD 6/26/14  
Accepted for record  
NMOC

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUN 20 2014

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

Electronic Submission #250171 verified by the BLM Well Information System  
For OXY USA INC, sent to the Carlsbad

RECEIVED

Name (Printed/Typed) JENNIFER A DUARTE

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 06/19/2014

**THIS SPACE FOR FEDERAL OR ST**

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

Title

Pending BLM approvals will subsequently be reviewed and scanned

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

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 #250171 that would not fit on the form**

**32. Additional remarks, continued**

30 holes; 5551? (11 holes), 5417? (10 holes), 5283? (9 holes) TOTAL: 30 holes; 5149? (11 holes), 5015? (10 holes), 4881? (9 holes) TOTAL: 30 holes; 4747? (11 holes), 4613? (10 holes), 4479? (9 holes) TOTAL: 30 holes; 4345? (11 holes), 4211? (10 holes), 4077? (9 holes) TOTAL: 30 holes; 3943? (11 holes), 3809? (10 holes), 3675? (9 holes) TOTAL: 30 holes; 3541? (11 holes), 3407? (10 holes), 3273? (9 holes) TOTAL: 30 holes; 3139? (11 holes), 3005? (10 holes), 2875? (9 holes) TOTAL: 30 holes; Perforating: 3-1/8" casing gun; 19 grams; 0.42" EHD; 32" penetration; 6 spf; 60 degrees phasing.  
04/21/2014 ? Frac job completed.

05/06/2014 ? RU CTU. Milled nine plugs at 3204?, 3606?, 4007?, 4411?, 4810?, 5214?, 5617?, 6021? and 6423?. Cleaned to 6821? (PBTD). POH. RD CTU.  
05/13/2014 ? RU wireline. Set RTBP at 1210?. RD wireline. ND Frac head. NU Oxy tubing head. Retrieved RTBP at 1210?. RIH 2-7/8? production tubing with 2.75? tubing pump at 1817?.  
05/14/2014 ? RIH rod string. Released Rig.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 20 2014

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

**WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED**

5. Lease Serial No.  
NMNM99015

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: JENNIFER A DUARTE  
E-Mail: jennifer\_duarte@oxy.com

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

3. Address PO BOX 4294  
HOUSTON, TX 77210  
3a. Phone No. (include area code)  
Ph: 713-513-6640

9. API Well No.  
30-015-40759

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SWSE 330FSL 1800FEL  
At top prod interval reported below SWSE 970FSL 1822FEL  
At total depth NWNE 292FNL 1675FEL

10. Field and Pool, or Exploratory  
N SEVEN RIVERS GLOR 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  
03/06/2014  
15. Date T.D. Reached  
03/20/2014  
16. Date Completed  
 D & A  Ready to Prod.  
05/14/2014

17. Elevations (DF, KB, RT, GL)\*  
3560 GL

18. Total Depth: MD 6897 TVD 2500  
19. Plug Back T.D.: MD 6821 TVD 2484  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMBO; 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11.000	8.625 J55	32.0	0	710		690		0	
7.875	5.500 L80	17.0	0	6897		1050		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	1817							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	2875	6897	2875 TO 6757	0.420	300	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2914 TO 6757	FLUID 29,913 GLNS 15% HCL; 65,816 GLNS 15# LINEAR FLUID; 668,402 GLNS 15# BXL; 168,812 GLNS 15# BX

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
05/27/2014	06/06/2014	24	→	132.0	67.0	797.0	39.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI 350	90.0	→	132	67	797	508	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
	SI		→				

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #250183 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
GRAYBURG	400	670	DOLOMITES, SHALE, ANHYDRITE OIL, GAS, WATER; DOLOMITES ANHYD WATER; SAND, SHALE, DOLOMITES OIL, GAS, WATER; DOLOMITES	GRAYBURG SAN ANDRES GLORIETA YESO	400
SAN SANDRES	670	2225			670
GLORIETA	2225	2420			2225
YESO	2420	2498			2420

32. Additional remarks (include plugging procedure):

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 #250183 Verified by the BLM Well Information System.  
For OXY USA INC, sent to the Carlsbad**

Name (please print) JENNIFER A DUARTE Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 06/19/2014

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.

\*\* ORIGINAL \*\*