

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

¹ Operator name and Address OXY USA INC PO BOX 4294 HOUSTON, TX 77210		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date NEW WELL – 05/08/2014
⁴ API Number 30 – 015-41060	⁵ Pool Name N SEVEN RIVERS GLORIETA YESO	⁶ Pool Code 97565
⁷ Property Code 39689	⁸ Property Name OSAGE 18 FEDERAL	⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no. P	Section 18	Township 20S	Range 25E	Lot Idn	Feet from the 330	North/South Line NORTH	Feet from the 660	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. A	Section 18	Township 20S	Range 25E	Lot Idn	Feet from the 306	North/South line NORTH	Feet from the 359	East/West line EAST	County EDDY
¹² Lse Code FEDERAL	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ 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 17 2014 RECEIVED		

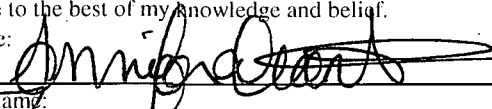
IV. Well Completion Data


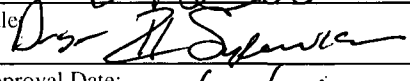
²¹ Spud Date 03/23/2014	²² Ready Date 03/31/2014	²³ TD 6940' MD / 2498' TVD	²⁴ PBTD 6871'	²⁵ Perforations 2914' – 6755'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
11"	8.625" J55 32#	725'	550 SKS		
7.875"	5.5" L80 17#	6940'	1040 SKS		
	2.875"	1817'			

V. Well Test Data

³¹ Date New Oil 05/23/2014	³² Gas Delivery Date	³³ Test Date 05/25/2014	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 290	³⁶ Csg. Pressure 120
³⁷ Choke Size 14/64	³⁸ Oil 72	³⁹ Water 765	⁴⁰ Gas 125		⁴¹ Test Method PUMPING

⁴² 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:
06/16/2014
Phone:
713-513-6640

OIL CONSERVATION DIVISION
Approved by: 
Title: 
Approval Date: 6/26/14
Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM99015

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.1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
OSAGE 18 FEDERAL 1H2. Name of Operator
OXY USA INCContact: JENNIFER A DUARTE
E-Mail: jennifer_duarte@oxy.com9. API Well No.
30-015-410603a. Address
PO BOX 4294
HOUSTON, TX 772103b. Phone No. (include area code)
Ph: 713-513-664010. Field and Pool, or Exploratory
N SEVEN RIVERS GLOR YESO4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T20S R25E SESE 330FSL 660FEL11. 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 recompleat 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 recompleat 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.)

03/23/14 ? SPUD 11? SURFACE HOLE.

03/24/14 ? TD 11? SURFACE HOLE @ 725?. RAN 8.625? J55 32# SURFACE CASING TO 725?. CEMENTED W/ 550 SKS 1.66 YLD. TOC = 0?; CIRCULATED 270 SKS TO SURFACE.

03/26/14 ? PRESSURE TESTED SURFACE CASING TO 2751 PSI ? 30 MIN ? GOOD TEST. BEGAN DRILLING 7.875? PRODUCTION HOLE.

03/31/14 ? TD 7.875? PRODUCTION HOLE @ 6940?.

04/01/14 ? RAN 5.5? L80 17# PRODUCTION CASING TO 6940?.

04/02/14 ? CEMENTED WITH 1040 SKS 2.45 YLD. TOC = 0?; CIRCULATED 91 SKS TO SURFACE. RELEASED RIG.

Accepted for record
NMOC

LSD 6/26/14

NM OIL CONSERVATION
ARTESIA DISTRICT

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

Electronic Submission #249722 verified by the BLM Well Information System JUN 17 2014
For OXY USA INC, sent to the Carlsbad

Name (Printed/Typed) JENNIFER A DUARTE

Title REGULATORY SPECIALIST RECEIVED

Signature (Electronic Submission)

Date 06/16/2014

THIS SPACE FOR FEDERAL OR STATE

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

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 **

Duarte, Jennifer A

From: wis-submission@blm.gov
Sent: Monday, June 16, 2014 11:50 AM
To: Duarte, Jennifer A
Subject: EC Document Submitted
Attachments: WIS_PRINT_SUBMITTED_249722.pdf

Your EC Transaction 249722, Serial Number 792-9732, was submitted to the Carlsbad, NM BLM Office. You may wish to view this action by clicking <https://www.blm.gov/wispermits/wis/SP/show-form.do?FormId=792&FormInstanceNumber=9732>.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM99015

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.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

OSAGE 18 FEDERAL 1H

2. Name of Operator
OXY USA INCContact: JENNIFER A DUARTE
E-Mail: jennifer_duarte@oxy.com9. API Well No.
30-015-410603a. Address
PO BOX 4294
HOUSTON, TX 772103b. Phone No. (include area code)
Ph: 713-513-664010. 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 SESE 330FSL 660FEL

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 recompleat 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 recompleat 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.)

Completion to Yeso Details

04/11/2014 ? RU CTU. Tag PBTD at 6871?. RD CTU. RU wireline and run CBL/VDL/GR/CCL from 2900? to surface. RD wireline.

04/12/2014 ? Tested casing to 6,300 psi for 30 minutes. RU CTU. Perforate at 6755? (11 holes), 6615? (10 holes) and 6532? (9 holes) total 30 holes. Broke perforations with 3000 glns of 15%HCL.

RD CTU.
04/16/2014 ? Performed 10 stages Plug & Perf frac with: FLUID ? 29,913 glns 15% HCL; 65,816 glns 15# Linear fluid; 668,402 glns 15# BXL; 168,812 glns 15# BXL (Activator); 70,417 glns treated water. SAND - 20,440 lbs 40/70 OTTAWA; 1,027,120 lbs 20/40 OTTAWA and 454,320 lbs 16/30 Momenive Siberpro

6755? (11 holes), 6615? (10 holes), 6532? (9 holes) TOTAL: 30 holes; 6398? (11 holes), 6264? (10

Accepted for record
RED NMOC 6/26/14

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

Electronic Submission #249739 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 06/16/2014

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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

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 #249739 that would not fit on the form

32. Additional remarks, continued

holes), 6130? (9 holes) TOTAL: 30 holes; 5956? (11 holes), 5862? (10 holes), 5728? (9 holes) TOTAL: 30 holes; 5594? (11 holes), 5460? (10 holes), 5326? (9 holes) TOTAL: 30 holes; 5192? (11 holes), 5058? (10 holes), 4924? (9 holes) TOTAL: 30 holes; 4790? (11 holes), 4656? (10 holes), 4522? (9 holes) TOTAL: 30 holes; 4388? (11 holes), 4254? (10 holes), 4120? (9 holes) TOTAL: 30 holes; 3986? (11 holes), 3852? (10 holes), 3718? (9 holes) TOTAL: 30 holes; 3584? (11 holes), 3450? (10 holes), 3316? (9 holes) TOTAL: 30 holes; 3182? (11 holes), 3048? (10 holes), 2914? (9 holes) TOTAL: 30 holes; 3-1/8" casing gun; 19 grams; 0.42" EHD; 32" penetration; 6 spf; 60 degrees phasing.

04/17/2014 - Frac job completed.

04/23/2014 ? RU CTU. Milled nine plugs at 3249?, 3661?, 4053?, 4465?, 4867?, 5259?, 5651?, 6063? and 6465?. Cleaned to 6858? (PBSD). POH. RD CTU.

05/06/2014 ? RU wireline. Set RTBP at 1200?. RD wireline. ND Frac head. NU Oxy tubing head. Retrieved RTBP at 1200?.

05/08/2014: RIH production tubing with 2.75" tubing pump at 1817?. RIH rod string. Released Rig.

Duarte, Jennifer A

From: wis-submission@blm.gov
Sent: Monday, June 16, 2014 12:21 PM
To: Duarte, Jennifer A
Subject: EC Document Submitted
Attachments: WIS_PRINT_SUBMITTED_249739.pdf

Your EC Transaction 249739, Serial Number 792-9733, was submitted to the Carlsbad, NM BLM Office. You may wish to view this action by clicking <https://www.blm.gov/wispermits/wis/SP/show-form.do?FormId=792&FormInstanceNumber=9733>.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			5. Lease Serial No. NMNM99015		
2. Name of Operator OXY USA INC Contact: JENNIFER A DUARTE E-Mail: jennifer_duarte@oxy.com			6. If Indian, Allottee or Tribe Name		
3. Address PO BOX 4294 HOUSTON, TX 77210			7. Unit or CA Agreement Name and No.		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 330FSL 660FEL At top prod interval reported below SESE 1006FSL 615FEL At total depth NENE 306FNL 359FEL			8. Lease Name and Well No. OSAGE 18 FEDERAL 1H		
9. API Well No. 30-015-41060			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 03/23/2014		
15. Date T.D. Reached 03/31/2014			16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/08/2014		
17. Elevations (DF, KB, RT, GL)* 3563 GL			18. Total Depth: MD 6940 TVD 2498		
19. Plug Back T.D.: MD 6871 TVD 2498			20. Depth Bridge Plug Set: MD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	725		550		0	
7.875	5.500 L80	17.0	0	6940		1040		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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	2420	6940	2914 TO 6755	0.420	300	PRODUCING
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
2914 TO 6755	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
05/23/2014	05/25/2014	24	→	72.0	125.0	765.0	39.0		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	
14/64	SI 290	120.0	→	72	125	765	1736	POW	

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #249809 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.)
CAPTURED

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	GRAYBURG	400
SAN SANDRES	670	2225	OIL, GAS, WATER; DOLOMITES ANHYD	SAN ANDRES	670
GLORIETA	2225	2420	WATER; SAND, SHALE, DOLOMITES	GLORIETA	2225
YESO	2420	2498	OIL, GAS, WATER; DOLOMITES	YESO	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 #249809 Verified by the BLM Well Information System.
For OXY USA INC, sent to the Carlsbad

Name (please print) JENNIFER A DUARTETitle REGULATORY SPECIALISTSignature (Electronic Submission)Date 06/16/2014

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 ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **