

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Operator Notice Regarding
C-104 Denial and Request for Information

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

- 30-D15-45630 Amend C-104
- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner
 - ☐ Applicable Order (NSL, NSP, Other _____)
 - ☐ Deviation Survey for Vertical Wells
 - ☐ Directional Survey
 - ☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☒ C-103 Completion Sundry (or BLM equivalent) Approved
- ☒ C-105 Completion Report (or BLM equivalent) Amend
- ☐ All Logs Run on Well

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. If OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

If you have any questions, please contact the local OCD District Office.

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

NOV 05 2019

Submit one copy to appropriate District Office

RECEIVED

☐ AMENDED REPORT

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

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date - NW
⁴ API Number 30 - 015-45630	⁵ Pool Name PIERCE CROSSING; BONE SPRING	⁶ Pool Code 50371
⁷ Property Code: 323065	⁸ Property Name: HEIGHT CC 6-7 FEDERAL COM	⁹ Well Number: 311H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	6	24S	29E		170	NORTH	1700	WEST	EDDY

¹¹ Bottom Hole Location FTP- 176' FNL 352' FWL LTP- 432' FSL 393' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	7	24S	29E		32	SOUTH	389	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 8/17/19		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
214754	LPC CRUDE OIL, INC.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 4/12/19	²² Ready Date 8/17/19	²³ TD 20066'M 9605'V	²⁴ PBTD 20002'M 9605'V	²⁵ Perforations 9505-19666' ✓	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	434'		440	
9-7/8"	7-5/8"	9079'		2018	
6-3/4"	5-1/2"	20056'		883	
	2-7/8"	8855'		N/A	

V. Well Test Data

³¹ Date New Oil 8/17/19	³² Gas Delivery Date 8/17/19	³³ Test Date 9/2/19	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 919
³⁷ Choke Size 128/128	³⁸ Oil 2844	³⁹ Water 12018	⁴⁰ Gas 6107		⁴¹ Test Method F

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:
Jana Mendiola

Title:
Regulatory Specialist

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 11/1/2019

Phone: 432-685-5936

Approved by:

Title:

Appr:

OIL CONSERVATION DIVISION

DENIED
See Attached Cover Sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

5. Lease Serial No. NMNM13996
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. HEIGHT CC 6-7 FEDERAL COM 311H
9. API Well No. 30-015-45630
10. Field and Pool or Exploratory Area PIERCE CROSSING; BONE SPG
11. County or Parish, State EDDY COUNTY, NM

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator OXY USA INC. Contact: JANA 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
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T24S R29E Mer NMP NENW 170FNL 1700FWL 32.253808 N Lat, 104.026848 W Lon	

12. CHECK THE 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"/> Hydraulic Fracturing	<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	Hydraulic Fracture
	<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 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

RUPU 5/30/19, RIH & POOH w/ RBP, clean out to PBTD @ 20002', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 19534-19666, 19305-19501, 19109-19273, 18913-19070, 18717-18881, 18521-18687, 18325-18491, 18129-18293, 17933-18097, 17737-17901, 17705-17541, 17345-17509, 17149-17313, 16953-17117, 16757-16921, 16561-16725, 16365-16529, 16173-16333, 15973-16137, 15777-15941, 15581-15745, 14993-15157, 14843-15038, 14797-14961, 14601-14765, 14405-14569, 14209-14373, 14013-14177, 13817-13981, 13621-13785, 13425-13589, 13229-13393, 13035-13199, 13033-13197, 12446-12609, 12249-12413, 12053-12217, 11970-12165, 11857-12021, 11661-11825, 11465-11629, 11269-11433, 11073-11237, 10877-11041, 10681-10845, 10485-10649, 10289-10453, 10093-10257, 9897-10061, 9701-9865, 9505-9669' Total 1248 holes. Frac in 52 stages w/ 12158160g Slickwater w/ 15631698# sand, RD Schlumberger 6/29/19. 10/23/19 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & ESP set @ 8855', RD 10/25/19. Pump to clean up and turn well over to production.

Please amend, if needed & re-submit to BLM. ASAP

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

Electronic Submission #490865 verified by the BLM Well Information System
For OXY USA INC., sent to the Carlsbad

Name (Printed/Typed) JANA MENDIOLA	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 11/01/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title	Date
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.

(Instructions on page 2)

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

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

5. Lease Serial No.
NMNM13996

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.
HEIGHT CC 6-7 FEDERAL COM 311H

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

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

9. API Well No.
30-015-45630

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 6 T24S R29E Mer NMP
NENW 170FNL 1700FWL 32.253808 N Lat, 104.026848 W Lon
At top prod interval reported below Sec 6 T24S R29E Mer NMP
NWNW 176FNL 352FWL 32.253800 N Lat, 104.031210 W Lon
At total depth SWSW 32FSL 389FWL 32.225080 N Lat, 104.031180 W Lon

10. Field and Pool, or Exploratory
PIERCE CROSSING; BONE SPG

11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T24S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
04/12/2019

15. Date T.D. Reached
05/11/2019

16. Date Completed
☐ D & A ☒ Ready to Prod.
08/17/2019

17. Elevations (DF, KB, RT, GL)*
2958 GL

18. Total Depth: MD 20066
TVD 9605

19. Plug Back T.D.: MD 20002
TVD 9605

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMA RAY

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	10.750 J55	45.5	0	434		440	107	0	
9.875	7.625 HCL80	26.4	0	9079		2018	651	0	
6.750	5.500 P110	20.0	0	20056		883	217	6000	

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	8855							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 3RD BONE SPRINGS	9505	19666	9505 TO 19666	0.370	1248	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9505 TO 19666	12158160G SLICKWATER W/ 15631698# 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
08/17/2019	09/02/2019	24	→	2844.0	6107.0	12018.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
128/128	SI	919.0	→	2844	6107	12018	2147	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	
	SI		→						

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

ELECTRONIC SUBMISSION #490864 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
BELL CANYON	2784	3661	OIL, GAS, WATER	RUSTLER	295
CHERRY CANYON	3662	4865	OIL, GAS, WATER	SALADO	565
BRUSHY CANYON	4866	6580	OIL, GAS, WATER	CASTILE	1410
BONE SPRING	6581	7599	OIL, GAS, WATER	LAMAR	2762
1ST BONE SPRING	7600	8344	OIL, GAS, WATER	BELL CANYON	2784
2ND BONE SPRING	8345	9464	OIL, GAS, WATER	CHERRY CANYON	3662
3RD BONE SPRING	9465	9605	OIL, GAS, WATER	BRUSHY CANYON	4866
				BONE SPRING	6581

32. Additional remarks (include plugging procedure):
52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7600' MD
2ND BONE SPRING 8345' MD
3RD BONE SPRING 9465' MD

Logs were mailed 11/1/19.

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 #490864 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) JANA MENDIOLA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 11/01/2019

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.

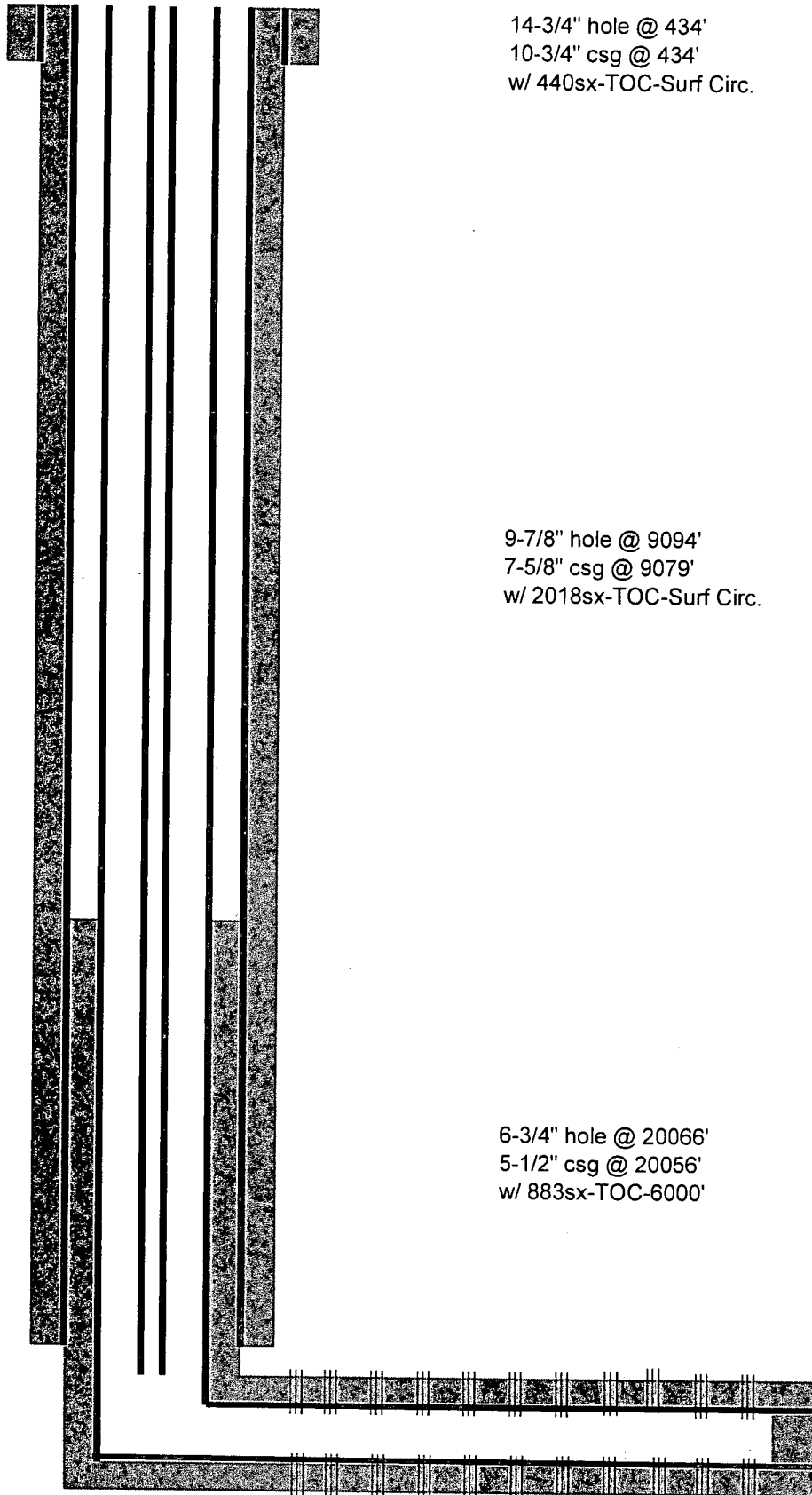
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Additional data for transaction #490864 that would not fit on the form

32. Additional remarks, continued

Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.

OXY USA Inc.
Height CC 6-7 Federal Com 311H
API No. 30-015-45630



14-3/4" hole @ 434'
10-3/4" csg @ 434'
w/ 440sx-TOC-Surf Circ.

9-7/8" hole @ 9094'
7-5/8" csg @ 9079'
w/ 2018sx-TOC-Surf Circ.

6-3/4" hole @ 20066'
5-1/2" csg @ 20056'
w/ 883sx-TOC-6000'

2-7/8" tbg w/ ESP @ 8855'

Perfs @ 9505-19666'

TD- 20066'M 9605'V