

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. P.O. BOX 50250 Midland, TX 79710		² OGRID Number 16696	
⁴ API Number 30-015-45079		³ Reason for Filing Code/ Effective Date - NW	
⁵ Pool Name Cotton Draw Bone Spring		⁶ Pool Code 13367	
⁷ Property Code: 319619		⁸ Property Name: Patton MDP1 17 Federal	
		⁹ Well Number: 176H	

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
A	17	24S	31E		772	NORTH	1297	EAST	EDDY

¹¹ Bottom Hole Location FTP- 374' FNL 525' FEL LTP- 206' FSL 348' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	24S	31E		31	SOUTH	353	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 12/15/18		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

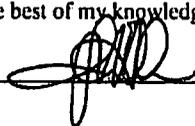
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	GREAT LAKES PETROLEUM TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES CONSERVATION ARTESIA DISTRICT	G
JAN 31 2019		
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IV. Well Completion Data

²¹ Spud Date 7/18/18	²² Ready Date 11/11/18	²³ TD 14025'M 8976'V	²⁴ PBDT 13963'M 8976'V	²⁵ Perforations 9098-13849'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	772'		776 - CUC	
9-7/8"	7-5/8"	11386'		2075 - CUC Green emb	
6-3/4"	5-1/2" X 4-1/2"	14010'		715 TOC 4910	
	2-7/8"	8600'		N/A	

V. Well Test Data 4 1/2" 13.5# P110 9115-14010'; 5 1/2" 20# P110 0-9115

³¹ Date New Oil 12/19/18	³² Gas Delivery Date 12/15/18	³³ Test Date 1/12/19	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1136
³⁷ Choke Size 128/128	³⁸ Oil 1294	³⁹ Water 1230	⁴⁰ Gas 5018		⁴¹ Test Method P

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:
1/31/19

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by:


Business Ops Spec A

Title:

Approval Date:

1-31-2019

Pending BLM approvals will subsequently be reviewed and scanned

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 31 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM89172

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		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. PATTON MDP1 17 FEDERAL 176H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		9. API Well No. 30-015-45079	
3a. Phone No. (include area code) Ph: 432-685-5936		10. Field and Pool, or Exploratory COTTON DRAW; BONE SPRING	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 772FNL 1297FEL 32.222475 N Lat, 103.795496 W Lon At top prod interval reported below NENE 374FNL 525FEL 32.223560 N Lat, 103.792990 W Lon At total depth SESE 31FSL 353FEL 32.210150 N Lat, 103.792520 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T24S R31E Mer NMP	
14. Date Spudded 07/18/2018		15. Date T.D. Reached 10/07/2018	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/11/2018		17. Elevations (DF, KB, RT, GL)* 3546 GL	
18. Total Depth: MD 14025 TVD 8976		19. Plug Back T.D.: MD 13963 TVD 8976	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, GR	
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 Cemen-ter Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
1 S 14.750	10.750 J55	45.5	0	772		C 776	198	0	
3 P 6.750	5.500 P110	20.0	0	9115		715	209	4910	
2 I 9.875	7.625 L80	29.7	0	11386	4521	C 2075	842	0	
4 P 6.750	4.500 P110	13.5	9115	14010		H 715	209	4910	

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	8600	8600						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRINGS	9098	13849	9098 TO 13849	0.370	576	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9098 TO 13849	947058G SLICKWATER + 1848G 15% HCL ACID + 27216G 7.5% HCL ACID + 6853728G LINEAR GEL

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
12/19/2018	01/12/2019	24	→	1294.0	5018.0	1230.0			GAS LIFT
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	1136.0	→	1294	5018	1230	3878	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	
	SI		→					

Pending BLM approvals will subsequently be reviewed and scanned
11-31-19

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #452778 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** O**

** 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	4427	5315	OIL, GAS, WATER	RUSTLER	686
CHERRY CANYON	5316	6562	OIL, GAS, WATER	SALADO	1032
BRUSHY CANYON	6563	8355	OIL, GAS, WATER	CASTILE	2983
BONE SPRINGS	8356	8976	OIL, GAS, WATER	DELAWARE	4398
				BELL CANYON	4427
				CHERRY CANYON	5316
				BRUSHY CANYON	6563
				BONE SPRINGS	8356

32. Additional remarks (include plugging procedure):
Logs were mailed 1/31/19.

Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD 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 #452778 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 01/31/2019

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.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT

FORM 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.

JAN 31 2019

RECEIVED

5. Lease Serial No. NMNM89172
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. PATTON MDP1 17 FEDERAL 176H
9. API Well No. 30-015-45079
10. Field and Pool or Exploratory Area COTTON DRAW, BONE SPRING
11. County or Parish, State EDDY COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other Instructions on page 2

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 17 T24S R31E Mer NMP NENE 772FNL 1297FEL 32.222475 N Lat, 103.795496 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 Hydraulic Fracture
	<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 must 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 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 10/12/18, RIH & clean out to PBD @ 13963', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 13849-13698, 13649-13498, 13444-13298, 13249-13098, 13049-12898, 12849-12702, 12649-12498, 12449-12298, 12249-12098, 12049-11898, 11849-11698, 11649-11495, 11449-11298, 11245-11098, 11049-10898, 10849-10698, 10649-10492, 10449-10298, 10245-10098, 10049-9898, 9849-9698, 9649-9501, 9449-9298, 9251-9098' Total 576 holes. Frac in 24 stages w/ 947058g slick water + 6853728g linear gel + 1848g 15% HCl Acid + 27216g 7.5% HCl Acid w/ 9631402# sand, RD Schlumberger 10/25/18. 11/19/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 8600', RIH w/gas lift, RD 11/20/18. Pump to clean up and turn well over to production.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #452779 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 01/31/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

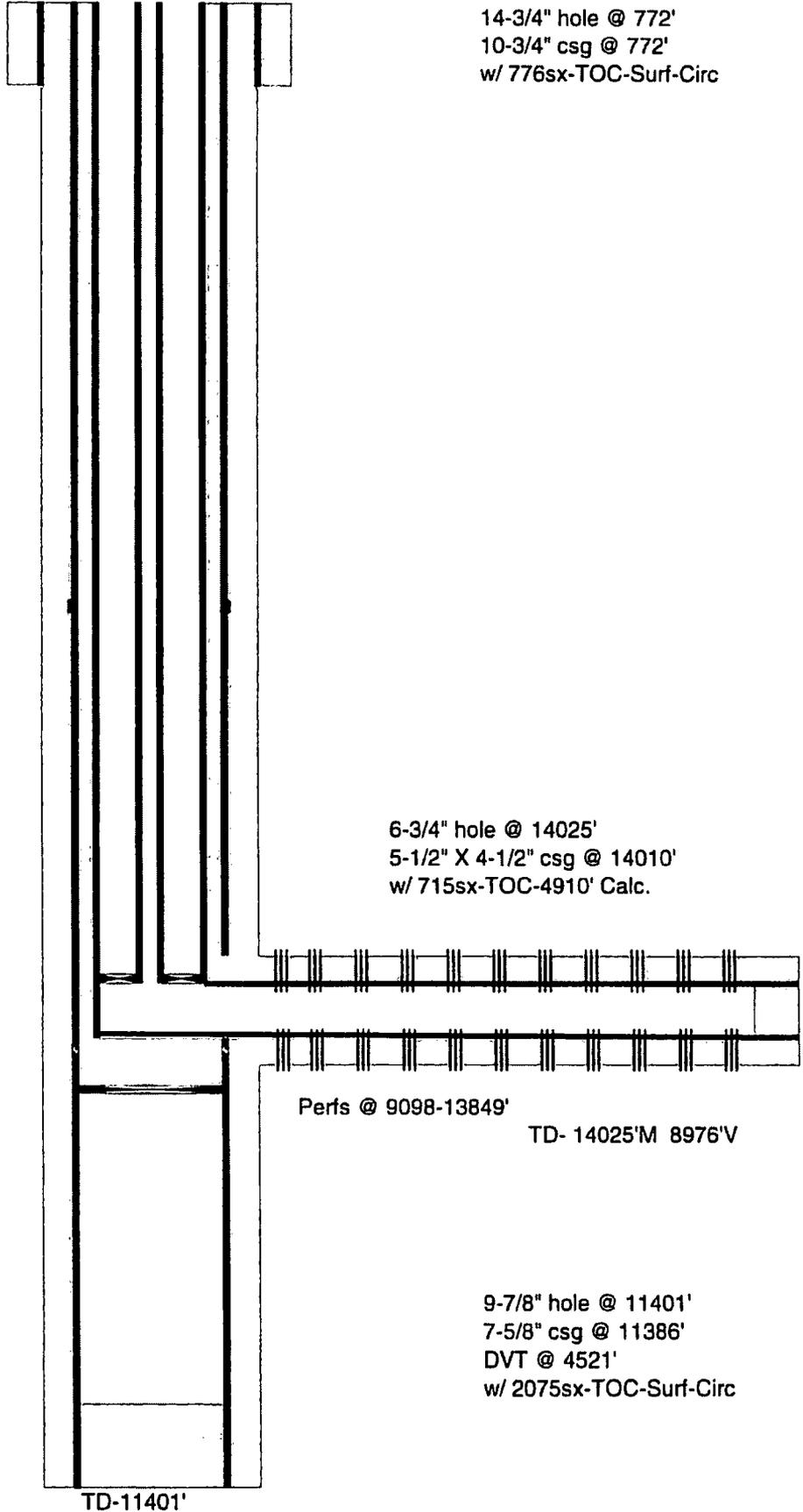
Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Pending BLM approvals will subsequently be reviewed and scanned
1-31-19

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 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 ****

OXY USA Inc. - Current
Patton MDP1 17 Federal #176H
API No. 30-015-45079



14-3/4" hole @ 772'
10-3/4" csg @ 772'
w/ 776sx-TOC-Surf-Circ

6-3/4" hole @ 14025'
5-1/2" X 4-1/2" csg @ 14010'
w/ 715sx-TOC-4910' Calc.

2-7/8" tbg & pkr @ 8600'

CIBP @ 8426' w/ 100sx cmt to 8172' Tagged
Csg Part @ +/-8226-8258'

Perfs @ 9098-13849'

TD-14025'M 8976'V

75sx cmt @ 11320-10980' Tagged

9-7/8" hole @ 11401'
7-5/8" csg @ 11386'
DVT @ 4521'
w/ 2075sx-TOC-Surf-Circ

PBTD-11330'

TD-11401'