

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

NM OIL CONSERVATION
State of New Mexico
ARTESIA DISTRICT
Energy, Minerals & Natural Resources
APR 16 2015
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
RECEIVED

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA WTP LP P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number 192463
⁴ API Number 30 - 015-41413		³ Reason for Filing Code/ Effective Date NW Pool Name LEO; BONE SPRING, SOUTH ⁶ Pool Code 37920
⁷ Property Code: 39934	⁸ Property Name: MISTY 35 FEDERAL COM. ⁹ Well Number: 4H	

II. ¹⁰ Surface Location

Ul or lot no. P	Section 35	Township 18S	Range 30E	Lot Idn	Feet from the 1223	North/South Line SOUTH	Feet from the 386	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location Top Perf - 1765' FSL 729' FEL Bottom Perf - 1957' FSL 424' FUL

UL or lot no. L	Section 35	Township 18S	Range 30E	Lot Idn	Feet from the 1962	North/South line SOUTH	Feet from the 206	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: TBD		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

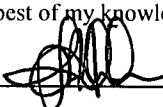
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
239284	OCCIDENTAL ENERGY TRANSPORTATION (BRIDGER LLC)	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 12/2/14	²² Ready Date 3/24/15	²³ TD 13232'M 8610'V	²⁴ PBDT 13119'M 8610'V	²⁵ Perforations 8879-13014'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
14-3/4"		11-3/4"	529'		633
10-5/8"		8-5/8"	3720'		1110
7-7/8"		5-1/2"	13204'		1390
		2-7/8"	7992'		0

V. Well Test Data

³¹ Date New Oil 4/7/15	³² Gas Delivery Date TBD	³³ Test Date 4/8/15	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure 257	³⁶ Csg. Pressure 122
³⁷ Choke Size -	³⁸ Oil 432	³⁹ Water 432	⁴⁰ Gas Too small to measure		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: 

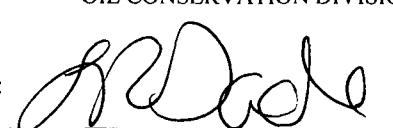
Printed name:
JANA MENDIOLA

Title:
REGULATORY COORDINATOR

E-mail Address:
janalyn_mendiola@oxy.com

Date: 4/10/15
Phone: 432-685-5936


OIL CONSERVATION DIVISION

Approved by: 

Title:

Approval Date:

4-29-15

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NNNM06245
2. Name of Operator OXY USA WTP LP		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 50250 MIDLAND, TX 79710		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-5717 Fx: 432-685-5742		8. Well Name and No. MISTY 35 FEDERAL COM. 4H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T18S R30E SESE 1223FSL 386FEL 32.699903 N Lat, 103.934820 W Lon		9. API Well No. 30-015-41413
		10. Field and Pool, or Exploratory LEO BONE SPRING, S.
		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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations

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.)

Spud 14-3/4" hole 12/2/14, drill to 530'. RIH & set 11-3/4" 47# J-55 BTC csg @ 529', pump 40bbl FW spacer w/ red dye then M&P 100sx (30bbl) thixotropic C cmt w/ additives 14.2ppg 1.668 yield followed by 200sx (63bbl) PPC w/ additives 13.5ppg 1.759 yield followed by 333sx (80bbl) PPC w/ additives 14.8ppg 1.347 yield, had full returns, circ 395sx (140bbl) cmt to surface, WOC. Weld and test wellhead to 1057', good test. NU BOP, test BOP's @ 250# low 5000# high. Test csg to 2150# for 30 min, tested good. 12/3/14 RIH & tag cmt @ 484'. Drill new formation to 540', perform FIT to EMW=14.0ppg to 120#, good test.

12/3/14 drill 10-5/8" hole to 3730', 12/6/14. RIH & set 8-5/8" 32# J55 BTC csg @ 3720', pump 30BFW spacer w/ red dye then cmt w/ 740sx (245bbl) Light PPC w/ additives 12.9ppg 1.8563 yield followed by 370sx (88bbl) PPC w/ additives 14.8ppg 1.326 yield, had 70% returns, circ 75sx (25bbl) cmt to surface, WOC. Install seal assembly, test to 5000#, good test. 12/8/14, RIH & tag cmt @ 3680'.

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

**Electronic Submission #293271 verified by the BLM Well Information System
For OXY USA WTP LP, sent to the Carlsbad**

Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 02/26/2015

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 #293271 that would not fit on the form

32. Additional remarks, continued

pressure test csg to 2750# for 30 min, good test. Drill new formation to 3740', perform FIT test EMW=11.5ppg, 467psi, good test.

12/8/14 Drill 7-7/8" hole to 8964'M 8620'V 12/15/14. POOH w/ MWD tools, RIH w/ combo logging tools (69'), tools got stuck going in hole. Attempt to fish wireline and logging tools from 12/15-12/22/14. Rec BLM, NMOCD, NMED approval to abandon and sidetrack well. 12/23/14, TOF @ 7002', circ hole, monitor returns at shakers for radioactive sources, zero reading. RIH & set whipstock @ 6983', drop actuator bearing to activate whipstock, pressure up to 2500# to set anchor, pressure up to 3500# to burst disk, pump 15bbl spacer followed by 170sx (29bbl) CI H cmt w/ additives 17.5ppg, .948 yield below whipstock followed by 160sx CI H cmt w/ additives & red dye 17.5ppg 1.01 yield to +/- 5840', WOC. Test BOP's @ 250# low 5000# high.

12/24/14, RIH & tag cmt @ 6132', drill out cmt and sidetrack @ 6195', drill 7-7/8" hole to 13232'M 8612'V 1/1/15. RIH & set 5-1/2" 17# P-110 Tenaris Blue csg @ 13204'. Pump 50BFW spacer w/ red dye then cmt w/ 600sx (326bbl) Tuned Light w/ additives @ 10.2ppg 3.054 yield followed by 790sx (232bbl) Super H w/ additives @ 13.2ppg 1.652 yield, had full returns, circ 220sx (404bbl) cmt to surface. RIH & set RBP @ 8100', ND BOP, Install wellhead & test to 5000# for 15min, tested good. RD Rel Rig 1/6/15.

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM06245
2. Name of Operator OXY USA WTP LP		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 50250 MIDLAND, TX 79710		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-5936 Fx: 432-685-5742		8. Well Name and No. MISTY 35 FEDERAL COM. 4H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T18S R30E SESE 1223FSL 386FEL 32.699903 N Lat, 103.934820 W Lon		9. API Well No. 30-015-41413
		10. Field and Pool, or Exploratory LEO BONE SPRING, S.
		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
	<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.)

RU WL 1/15/15, RIH & tag RBP @ 8100', POOH w/ RBP, pressure test csg to 8500# for 15 min, good test. RIH & perf @ 13014-12929, 12819-12649, 12529-12359, 12239-12069, 11949-11779, 11659-11489, 11369-11199, 11079-10909, 10789-10619, 10499-10329, 10209-10039, 9919-9749, 9629-9459, 9339-9169, 9049-8879' Total 614 holes. Frac in 15 stages w/ 14360 bbls 18# linear gel pre-pad + 43296 bbls 18# crosslinked gel + 1071 bbls 15% HCl + 4153 bbls treated water w/ 4275790# sand, RD Schlumberger. 2/12/15, clean out well, RIH with 2-7/8" tbg @ 7992' & ESP set @ 8030', POOH, RD 3/24/15. Pump to clean up and test well for potential.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #297926 verified by the BLM Well Information System For OXY USA WTP LP, sent to the Carlsbad	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 04/10/2015

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
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and scanned

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**** 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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No.
NMNM06245

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 WTP LP
Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com

8. Lease Name and Well No.
MISTY 35 FEDERAL COM 4H

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

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

9. API Well No.
30-015-41413

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SESE Lot P 1223FSL 386FEL 32.699902 N Lat, 103.934820 W Lon
At top prod interval reported below SESE Lot P 1765FSL 729FEL
At total depth NWSW Lot L 1962FSL 206FWL

10. Field and Pool, or Exploratory
LEO BONE SPRING, S.

11. Sec., T., R., M., or Block and Survey
or Area Sec 35 T18S R30E Mer

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
12/02/2014

15. Date T.D. Reached
01/05/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/24/2015

17. Elevations (DF, KB, RT, GL)*
3512 GL

18. Total Depth: MD
TVD 13232
8610

19. Plug Back T.D.: MD
TVD 13119
8610

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/MUD LOG/GR

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
14.750	11.750 J55	47.0	0	529	0	633	173	0	0
10.625	8.625 J55	32.0	0	3720	0	1110	333	0	0
7.875	5.500 P110	17.0	0	13204	0	1390	558	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	7992							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8879	13014	8879 TO 13014	0.430	614	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8879 TO 13014	14360 BBLS 18# LINEAR GEL PRE-PAD + 43296 BBLS 18# CROSSLINKED GEL + 1071 BBLS 15% HCL ACID +

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
04/07/2015	04/08/2015	24	→	432.0	0.0	432.0			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	
	257	122.0	→	432	0	432	0	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	
			→						
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 *AD*

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

ELECTRONIC SUBMISSION #297925 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
DELAWARE BONE SPRING	4451 5961	5960 8610	OIL, GAS, WATER OIL, GAS, WATER	RUSTLER SALADO TANSILL YATES SEVEN RIVERS DELAWARE BONE SPRING	447 634 1846 2062 2388 4451 5961

32. Additional remarks (include plugging procedure):

Logs were mailed 4/10/15.

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 #297925 Verified by the BLM Well Information System.
For OXY USA WTP LP, sent to the Carlsbad

Name (please print) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 04/10/2015

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