

Initial Application Part I

Received: 06/06/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 06/06/2019	REVIEWER: MAM	TYPE: PLC	APP NO: pMAM19157 54800
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: <u>OXY USA INC</u>	OGRID Number: <u>16696</u>
Well Name: <u>HARROUN 15-15 & MULTIPLE</u>	API: <u>30-015-33317 & MULTIPLE</u>
Pool: <u>PIERCE CROSSING; BONE SPRING, EAST & MULTIPLE</u>	Pool Code: <u>96473 & MULTIPLE</u>

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

PLC-580

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location – Spacing Unit – Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
- [I] Commingling – Storage – Measurement
 DHC CTB PLC PC OLS OLM
- [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

SANDRA MUSALLAM
 Print or Type Name

6/6/19
 Date

713-366-5106
 Phone Number

Sandra Musallam
 Signature

SANDRA_MUSALLAM@OXY.COM
 e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: OXY USA INC
OPERATOR ADDRESS: P O BOX 4294 HOUSTON, TX 77210
APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No. PLC-563____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
 Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes
SEE ATTACHED				

(2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No.
(4) Measurement type: Metering Other (Specify) WELL TEST
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Sandra Musallam TITLE: REGULATORY ENGINEER DATE: 6/6/19

TYPE OR PRINT NAME SANDRA MUSALLAM TELEPHONE NO.: 713-366-5106

E-MAIL ADDRESS: SANDRA_MUSALLAM@OXY.COM

APPLICATION FOR POOL AND LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES AND STORAGE
Commingling proposal for the Whomping Willow Battery

OXY USA INC requests to amend PLC-563 to add Cedar Canyon 16 State 2H, 6H and 12H to the Whomping Willow Battery (F-15-T24S-R29E, LAT 32.135.56 N, LONG -103.5833.94W).

Process flow for wells remaining at Cedar Canyon 16-1 Battery does not change.

Wells to be added to Whomping Willow Battery; currently producing to Cedar Canyon 16-1 CTB

Well	API	Surface Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BTU/CF	BWPD
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - STATE LEASE NO. VA-0836-0001								
Cedar Canyon 16 State #2H	30-015-41024	P-16-T24S-R29E	Jun-2013	0	45	48	1297	0
Cedar Canyon 16 State #6H	30-015-41595	L-15-T24S-R29E	Sep-2014	82	45	256	1290	242
Cedar Canyon 16 State #12H	30-015-42683	M-15-T24S-R29E	Mar-2015	51	45	136	1283	248

Wells currently approved to be sent to Whomping Willow Battery per PLC-563

Well	API	Surface Location	Date Online	EST. BOPD	EST. OIL GRAVITY	EST. MSCFD	EST. BTU/CF	EST. BWPD
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)								
*Refried Beans CC 15_16 State Com 12H	30-015-45215	H-15-24S-29E	est. June 2019	632	44	2728	1300	1031
*Refried Beans CC 15_16 State Com 13H	30-015-45216	H-15-24S-29E	est. June 2019	632	44	2728	1300	1031
*Refried Beans CC 15_16 State Com 14H	30-015-45217	I-15-24S-29E	est. June 2019	632	44	2728	1300	1031
POOL: PURPLE SAGE; WOLFCAMP (GAS) (98220)								
*Whomping Willow CC 15_16 State Com 44H	30-015-45218	I-15-24S-29E	est. June 2019	488	44.4	5421	1325	1626

*Production estimates are average of first 6-month volumes for wells not online yet

Well	API	Surface Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BTU/CF	BWPD
POOL: CEDAR CANYON; DELAWARE (11540)								
Harroun 10 #1	30-015-30375	N-10-24S-29E	Jul-2004	5	42.9	36	1289	43
Harroun 10 #2	30-015-31709	M-10-24S-29E	Jul-2004	2	42.9	2	1289	14
Harroun 10 #3	30-015-32617	L-10-24S-29E	Aug-2004	8	42.9	20	1289	44
Harroun 15 #7	30-015-29987	C-15-24S-29E	Jul-2004	4	42.9	2	1289	23
Harroun 15 #8	30-015-30253	F-15-24S-29E	Jul-2004	5	42.9	56	1289	62
Harroun 15 #14	30-015-32620	D-15-24S-29E	Jun-2005	4	42.9	3	1289	28

POOL: CORRAL DRAW; BONE SPRING (96238)

Cedar Canyon 17 Fee #1H	30-015-42058	A-17-24S-29E	Aug-2014	40	42.9	256	1292	133
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POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)

Harroun 15 #15	30-015-33317	E-15-24S-29E	Oct-2004	1	42.9	2	1288	3
Harroun 15 #16A	30-015-33823	L-15-24S-29E	May-2005	5	42.9	11	1307	17
Harroun 15 #17	30-015-33822	M-15-24S-29E	Jan-2008	17	42.9	46	1307	29
Cedar Canyon 15 #2H	30-015-41032	M-15-24S-29E	Aug-2013	17	43	62	1307	75
Cedar Canyon 15 #3H	30-015-41594	L-15-24S-29E	Sep-2014	59	42.9	315	1328	253
Cedar Canyon 22 #2H	30-015-41327	D-22-24S-29E	Aug-2013	47	42.9	146	1315	151

POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - CA NMNM134544 (NMNM88137)

Cedar Canyon 15 Fed Com 5H	30-015-42421	D-15-24S-29E	Jan-2015	34	42.5	88	1294	287
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POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)

Cedar Canyon 15 #4H	30-015-41291	E-15-24S-29E	Aug-2013	175	43	42	1307	741
Harroun 9 #1	30-015-34997	P-09-24S-29E	Jan-2008	11	43	5	1308	3
Harroun 9 #3H	30-015-41488	P-09-24S-29E	Feb-2014	44	43	100	1307	330

PROCESS DESCRIPTION

Production from all wells except Cedar Canyon 15 Fed Com 5H will flow to the header at Whomping Willow Battery. Initially, Refried Beans CC 15-16 State Com 12H, 13H, 14H and Whomping Willow CC 15-16 State Com 44H will each have a dedicated 6' X 20' test separator. The other wells will share an 8' X 20' production separator and two 4' X 20' test separators. Each test separator will be equipped with an oil turbine meter, gas orifice meter and water turbine meter. After separation, oil production will be sent through an 8' X 20' heater treater. It will then flow through a 48" vapor recovery tower before flowing to five oil storage tanks. From the tanks, the oil is pumped through a LACT meter and sent to sales.

Gas production will be combined after the three-phase separators. It will then flow through two 5' X 10' gas scrubbers then sent to two Oxy check meters, which will serve as the point of royalty payment.

Oil and gas production will be allocated back to each well based on well test. Wells will be tested according to Hearing Order R-14299. Refried Beans CC 15_16 State Com 12H, 13H, 14H and Whomping Willow CC 15_16 State Com 44H will be tested daily prior to Range 1 of decline, and will be tested at least three times per month during Range 1 of decline. When Range 2 decline is started, the wells will be tested at least twice per month. Wells will be tested at least once per month when Range 3 of decline is started. All existing wells have been on production for over three years and are in Range 3 of decline. They will be tested at least once per month.

As the Whomping Willow and Refried Beans reach the later ranges of decline, they will be taken off dedicated separation and flow to the 8' X 20' production separator. A sundry will be filed when this occurs.

Production from Cedar Canyon 15 Fed Com 5H is separated and measured separated through a 6' X 20' three-phase separator located on its well site. The separator has an oil turbine meter, gas orifice meter and water turbine meter. Oil production will flow to a storage tank before being pumped through a Coriolis meter (S/N 14351664, FMP) then sent to the Whomping Willow Battery oil storage tanks. Gas is sent to sales after being measured through the separator orifice meter (FMP).

All water from the Whomping Willow Battery and Cedar Canyon 15 Fed Com 5H will be sent to the Cedar Canyon Water Disposal Distribution system.

**Cedar Canyon 16-1 Battery:
Process flow remains unchanged from PLC-563**

Well	API	Surface Location	Date Online
POOL: CEDAR CANYON; DELAWARE (11540) - STATE LEASE NO. VA-0836-0001			
Cedar Canyon 16 State #11H	30-015-42062	C-16-T24S-R29E	Apr-2015
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - STATE LEASE NO. VA-0836-0001			
Cedar Canyon 16 State #1H	30-015-39856	D-16-T24S-R29E	Sep-2012
Cedar Canyon 16 State #7H	30-015-41251	E-15-T24S-R29E	Aug-2013
Cedar Canyon 16 State #8H	30-015-41596	A-16-T24S-R29E	Oct-2014
Cedar Canyon 16 State #9H	30-015-42061	D-16-T24S-R29E	Sep-2015
Cedar Canyon 16 State #10H	30-015-42055	C-16-T24S-R29E	Dec-2014
POOL: PURPLE SAGE; WOLFCAMP (98220) - STATE LEASE NO. VA-0836-0001			
Cedar Canyon 16 State #33H	30-015-43844	A-16-T24S-R29E	Dec-2016
Cedar Canyon 16 State #34H	30-015-43843	A-16-T24S-R29E	Dec-2016

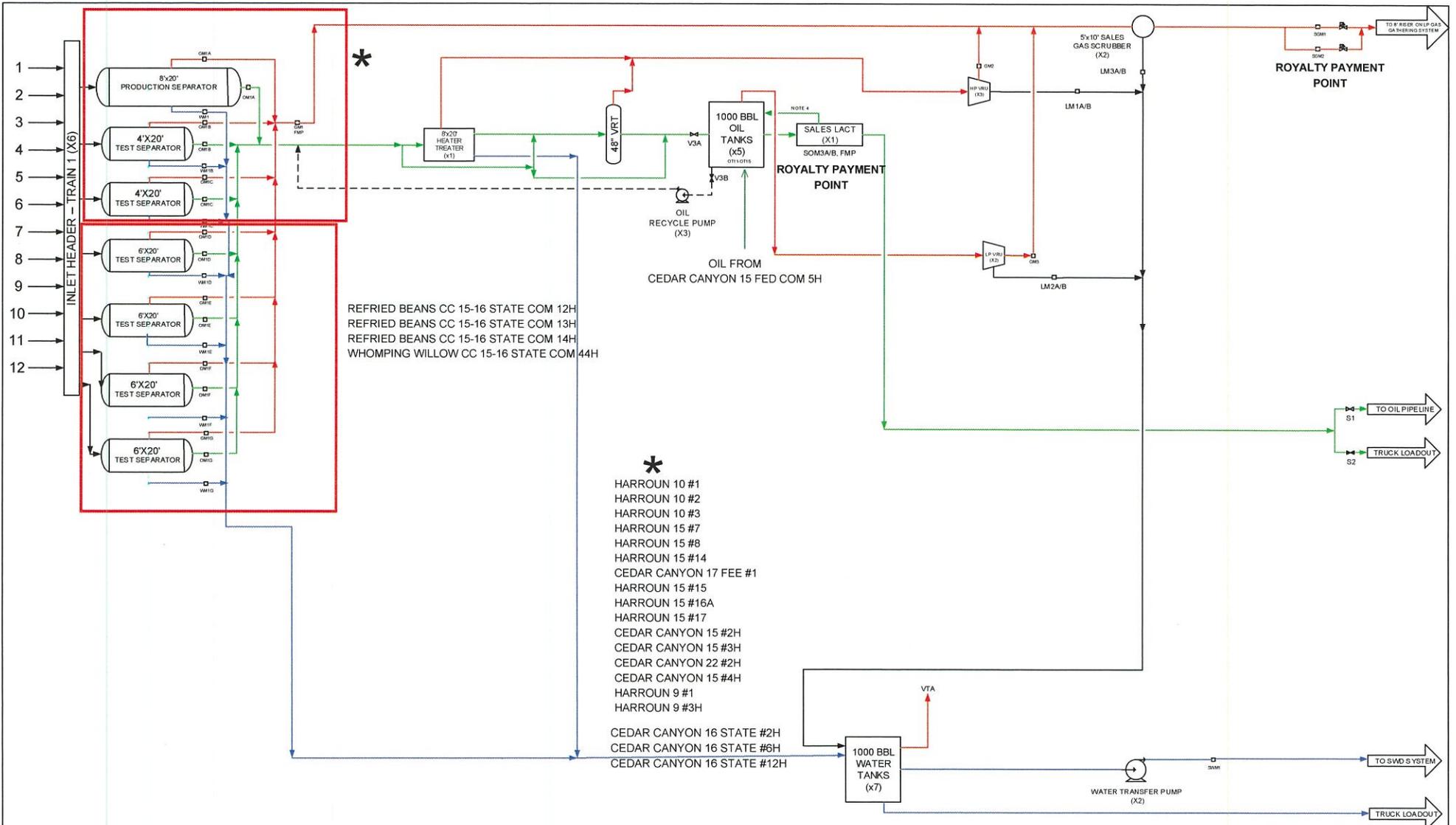
Additional Application Components:

The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

The oil and gas meters will be calibrated on a regular basis per API and NMOCD specifications.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the Order for future additions.

Commingling this production is the most effective means of producing the reserves. OXY USA INC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

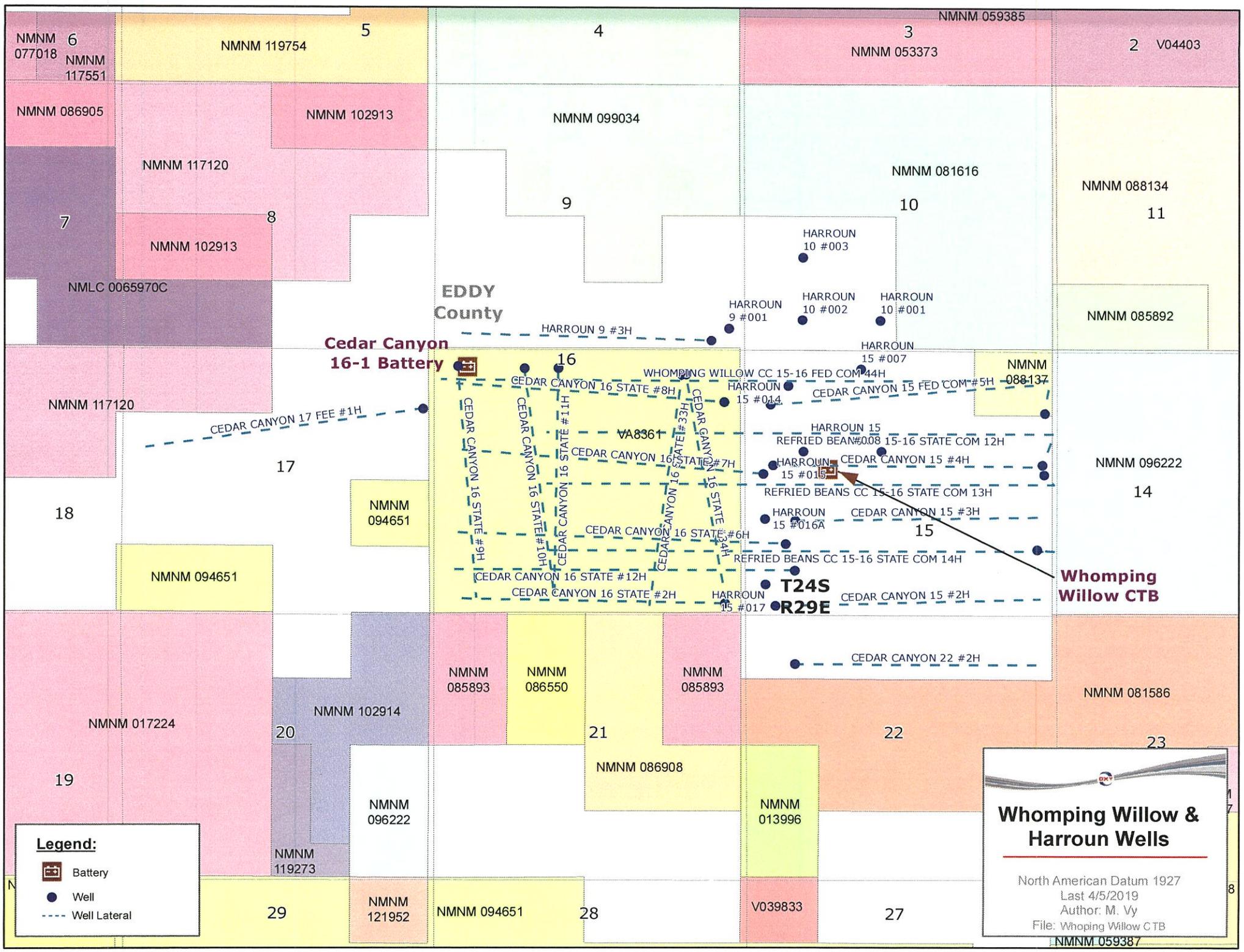


- NOTES:
- 1 VTA= VENT TO ATMOSPHERE
 - 2 LACT= LEASE AUTOMATED CUSTODY TRANSFER
 - 3 VRT= VAPOR RECOVERY TOWER
 - 4 BAD OIL DIVERT LINE BACK TO SAME ROYALTY OIL STORAGE TANKS
 - 5 EQUIPMENT NOT INCLUDED ON BFD INCLUDES CONTAINMENT SUMP/PUMP AND INSTRUMENT AIR SYSTEM
 - 6 ALL DOTTED EQUIPMENT INDICATE FUTURE EQUIPMENT
 - 7 LOCATED IN SECTION 34, TOWNSHIP 23, EDDY COUNTY, LAT= 32 259600' LONG= 103.761750'

LEGEND	
WATER:	
OIL:	
GAS:	
MIX:	
RECYCLE:	

REV.	DESCRIPTION	DATE	BY	DESCRIPTION
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
A	DRAFT	08/27/18	JS	
				DESCRIPTION: PROCESS BLOCK FLOW DIAGRAM

FACILITY: WHOMPING WILLOW CTB					OXY USA INC. - Permian Resources (Operator)					
AREA:	NEW MEXICO	TYPE:	CTB		ONEOXY:	TBD	ASSET	FACILITY	ENG DISC	NUMBER
REV.		DATE		BY		PER	RESSTD00415	PRO	00001	001



NMNM 6
077018 NMNM
117551

NMNM 119754

NMNM 053373

V04403

NMNM 086905

NMNM 102913

NMNM 099034

NMNM 117120

NMNM 081616

NMNM 088134

7

NMNM 102913

9

10

11

NMLC 0065970C

**EDDY
County**

HARROUN
10 #003

HARROUN
9 #001

HARROUN
10 #002

HARROUN
10 #001

NMNM 085892

**Cedar Canyon
16-1 Battery**

HARROUN 9 #3H

HARROUN
15 #007

NMNM
088137

NMNM 117120

CEDAR CANYON 17 FEE #1H

16

WHOMPING WILLOW CC 15-16 FED COM #44H
HARROUN 15 #014

CEDAR CANYON 15 FED COM #5H

17

NMNM
094651

HARROUN 15
REFRIED BEAN#008 15-16 STATE COM 12H

NMNM 096222

18

NMNM 094651

VA8361
CEDAR CANYON 16 STATE #7H

HARROUN 15 #015

CEDAR CANYON 15 #4H

14

REFRIED BEANS CC 15-16 STATE COM 13H

HARROUN 15 #016A

CEDAR CANYON 15 #3H

15

REFRIED BEANS CC 15-16 STATE COM 14H

**T24S
R29E**

**Whomping
Willow CTB**

CEDAR CANYON 16 STATE #12H
CEDAR CANYON 16 STATE #2H

HARROUN 15 #017

CEDAR CANYON 15 #2H

CEDAR CANYON 22 #2H

NMNM
085893

NMNM
086550

NMNM
085893

NMNM 081586

NMNM 017224

NMNM 102914

21

NMNM 086908

22

23

19

NMNM
096222

NMNM
013996

**Whomping Willow &
Harroun Wells**

Legend:

-  Battery
-  Well
-  Well Lateral

North American Datum 1927

Last 4/5/2019

Author: M. Vy

File: Whomping Willow CTB

29

NMNM
121952

NMNM 094651

28

V039833

27

NMNM 059387

Whomping Willow CTB

Previous 6 Month Production Data

Cedar Canyon 15 #4H (30-015-41291)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	0	0	0
Nov-2018	45	195	45
Dec-2018	5926	1343	23739
Jan-2019	2620	1489	16832
Feb-2019	0	0	1937
Mar-2019	4037	0	10769

Harroun 9 #1 (30-015-34997)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	722	0	116
Nov-2018	147	0	77
Dec-2018	31	3	30
Jan-2019	13	4	6
Feb-2019	0	0	0
Mar-2019	109	444	57

Harroun 9 #3H (30-015-41488)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	0	0	0
Nov-2018	0	0	0
Dec-2018	55	0	262
Jan-2019	712	1808	4409
Feb-2019	0	0	996
Mar-2019	21	0	270

Cedar Canyon 17 #1H (30-015-42058)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	1344	19	2377
Nov-2018	1118	7034	3939
Dec-2018	1266	12085	3230
Jan-2019	944	8826	5878
Feb-2019	995	11229	4758
Mar-2019	1233	4775	2645

Cedar Canyon 15 #3H (30-015-41594)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	2211	29547	5234
Nov-2018	1770	8117	8990
Dec-2018	1945	6572	5606
Jan-2019	1306	1118	10705
Feb-2019	1399	4383	8214
Mar-2019	1545	4507	4755

Cedar Canyon 15 #2H (30-015-41032)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	513	1584	1200
Nov-2018	414	1605	2111
Dec-2018	504	1871	1755
Jan-2019	407	1450	2980
Feb-2019	512	2846	2911
Mar-2019	471	1110	1608

Cedar Canyon 22 #2H (30-015-41327)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	1634	4588	1696
Nov-2018	1299	5622	2991
Dec-2018	1509	4697	4691
Jan-2019	1104	2078	6796
Feb-2019	1215	5054	5745
Mar-2019	1241	3137	4056

Harroun 10 #1 (30-015-30375)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	203	2477	1057
Nov-2018	110	579	1474
Dec-2018	150	1125	1134
Jan-2019	69	525	1416
Feb-2019	107	616	1375
Mar-2019	117	452	582

Harroun 10 #2 (30-015-31709)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	83	99	170
Nov-2018	51	30	424
Dec-2018	86	61	385
Jan-2019	55	27	595
Feb-2019	43	41	538
Mar-2019	65	31	270

Harroun 10 #3 (30-015-32617)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	371	1261	897
Nov-2018	264	336	1648
Dec-2018	255	656	1124
Jan-2019	147	460	1649
Feb-2019	117	353	1279
Mar-2019	172	308	872

Whomping Willow CTB

Previous 6 Month Production Data

Harroun 15 #7 (30-015-29987)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	102	137	474
Nov-2018	92	38	725
Dec-2018	107	50	563
Jan-2019	70	59	979
Feb-2019	84	61	757
Mar-2019	220	53	436

Harroun 15 #8 (30-015-30253)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	174	3602	1287
Nov-2018	148	1114	2205
Dec-2018	92	1164	1057
Jan-2019	93	979	2133
Feb-2019	110	970	1789
Mar-2019	94	539	792

Cedar Canyon 15 Fed Com 5H (30-015-42421)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	1226	3758	7605
Nov-2018	812	0	7615
Dec-2018	1034	3130	7779
Jan-2019	661	1517	8504
Feb-2019	757	1498	7708
Mar-2019	1058	4286	7359

Harroun 15 #14 (30-015-32620)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	136	203	605
Nov-2018	115	53	922
Dec-2018	102	63	704
Jan-2019	77	44	1198
Feb-2019	104	58	823
Mar-2019	93	68	576

Harroun 15 #15 (30-015-33317)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	37	64	49
Nov-2018	51	23	90
Dec-2018	44	63	90
Jan-2019	21	44	157
Feb-2019	41	40	108
Mar-2019	45	27	80

Harroun 15 #16A (30-015-33823)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	163	867	362
Nov-2018	144	184	553
Dec-2018	167	345	447
Jan-2019	110	221	694
Feb-2019	108	203	486
Mar-2019	137	154	318

Harroun 15 #17 (30-015-33822)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	622	3445	1148
Nov-2018	527	834	944
Dec-2018	628	1383	910
Jan-2019	463	920	675
Feb-2019	390	794	625
Mar-2019	296	412	504

Cedar Canyon 16 State #2H (30-015-41024)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	0	2156	0
Nov-2018	0	1182	0
Dec-2018	0	1975	0
Jan-2019	0	596	0
Feb-2019	0	82	0
Mar-2019	0	0	0

Cedar Canyon 16 State #6H (30-015-41595)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	3400	28792	3685
Nov-2018	1990	6699	10560
Dec-2018	1701	3381	4744
Jan-2019	2272	3055	9914
Feb-2019	2490	1023	8960
Mar-2019	1943	0	2752

Cedar Canyon 16 State #12H (30-015-42683)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Oct-2018	1812	5251	5545
Nov-2018	1078	2496	8572
Dec-2018	0	0	0
Jan-2019	0	0	0
Feb-2019	0	0	0
Mar-2019	0	0	0



**OXY USA WTP Limited Partnership / OXY
USA INC / OCCIDENTAL PERMIAN LTD**
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046
P.O. Box 4294, Houston, Texas 77210-4294
Direct: 713.366.5106
Sandra_Musallam@oxy.com

June 6, 2019

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Application for Amendment to Pool and Lease Commingle Permit and Off-lease Measurement, Sales, & Storage for Wells at the Whomping Willow Battery in Eddy County, New Mexico.

Dear Interest Owner:

This is to advise you that OXY USA INC is filing an amendment to Order PLC-563 for surface commingling at the Whomping Willow Battery. A copy of the application submitted to the Division is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact Sandra Musallam at (713) 366-5106.

Respectfully,

OXY USA INC
Sandra Musallam
Regulatory Engineer – Compliance Lead
Sandra_Musallam@oxy.com

OWNER NAME	ADDRESS	CITY	STATE	ZIP	TRACKING
COMMISSIONER OF PUBLIC LANDS ATTN: COMMINGLING MANAGER	P O BOX 1148	SANTA FE	NM	87504-1148	7018 0680 0001 8041 8570
ANDERSON AND,CURTIS A	9314 CHERRY BROOK LANE	FRISCO	TX	75033	7017 3380 0000 9737 5992
COLLINS & WARE INC	950 THIRD AVE 22ND FL	NEW YORK	NY	10022	7017 3380 0000 9737 5985
FFF INC	P O BOX 8874	DENVER	CO	80201	7017 3380 0000 9737 5978
HANNIFIN JTWRs,SHAWN & FRANCES	PO BOX 350010	WESTMINSTER	CO	80035	7017 3380 0000 9737 5961
HANNIFIN,ALAN R	P O BOX 8874	DENVER	CO	80201	7017 3380 0000 9737 5954
LOWE ROYALTY PARTNERS LP	P O BOX 4887	HOUSTON	TX	77210	7017 3380 0000 9737 5947
MAP 98A-OK	P O BOX 268988	OKLAHOMA CITY	OK	73126	7017 3380 0000 9737 5930
MAP98B-NET	P O BOX 268984	OKLAHOMA CITY	OK	73126	7017 3380 0000 9737 5923
MW OIL INVESTMENT COMPANY INC	PO BOX 350010	WESTMINSTER	CO	80035	7017 3380 0000 9737 7033
S & E ROYALTY LLC	8470 WEST 4TH AVENUE	DENVER	CO	80226	7017 3380 0000 9737 6012
SANDOVAL,MICHELLE R	1395 RAVEAN CT	ENCINITAS	CA	92024	7017 3380 0000 9737 6005
WAMBAUGH,ANNETTE O	6203 ALDEN BRIDGE RD. APT 2209	THE WOODLANDS	TX	77382	7017 3380 0000 9737 7026

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources Department
ARTESIA DISTRICT
OIL CONSERVATION DIVISION SEP 26 2014
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

RECEIVED

AMENDED REPORT
As Directed

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41595	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, East
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 6H
OGRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2927'

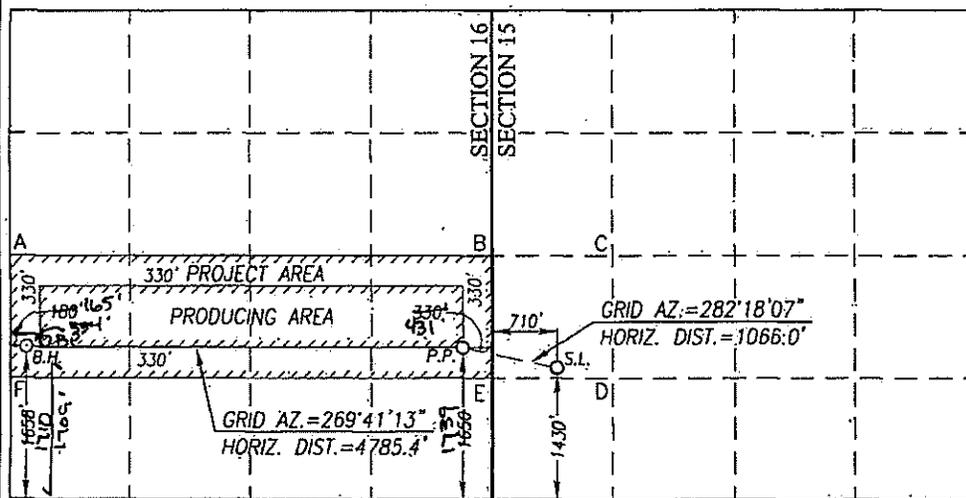
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24-S	29-E		1430	SOUTH	710	WEST	EDDY

Bottom Hole Location If Different From Surface									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	16	24-S	29-E		1658 1710	SOUTH	180 165	WEST	EDDY

(Top Pent Penetration Point Location - Bottom Pent - 1709 FSL 334 FWL (L))									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	24-S	29-E		1650 1739	SOUTH	330 431	EAST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION
I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *David Stewart* Date: 9/23/14
Printed Name: David Stewart Sr. Reg. Ado.
E-mail Address: david.stewart@oxy.com

GEODETC COORDINATES
NAD 27 NME

SURFACE LOCATION
Y=441785.8 N
X=609864.2 E
LAT.=32.214087° N
LONG.=103.978100° W

BOTTOM HOLE LOCATION
Y=441986.6 N
X=604038.6 E
LAT.=32.214691° N
LONG.=103.996934° W

PENETRATION POINT
Y=442012.8 N
X=608822.9 E
LAT.=32.214721° N
LONG.=103.981464° W

CORNER COORDINATES TABLE

A - Y=442982.3 N, X=603852.8 E
B - Y=443013.2 N, X=609146.1 E
C - Y=443011.8 N, X=610470.3 E
D - Y=441683.8 N, X=610477.5 E
E - Y=441684.7 N, X=609155.0 E
F - Y=441655.2 N, X=603860.6 E

SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 28, 2013

Date of Survey: _____
Signature of Professional Surveyor: *Gary G. Eidson*

GARY G. EIDSON
NEW MEXICO
12641
REGISTERED PROFESSIONAL SURVEYOR
3/16/14

Certification Number: Gary G. Eidson 12641
M. J. Eidson 3239

ACK REL. W. O. 14.13.0208

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 13 2017

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

AMENDED REPORT

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION RECEIVED
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42683	Pool Code 96473	Pool Name Pierce Crossing; Bone Spring, East
Property Code 39668	Property Name CEDAR CANYON "16" STATE	Well Number 12H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2926.4'

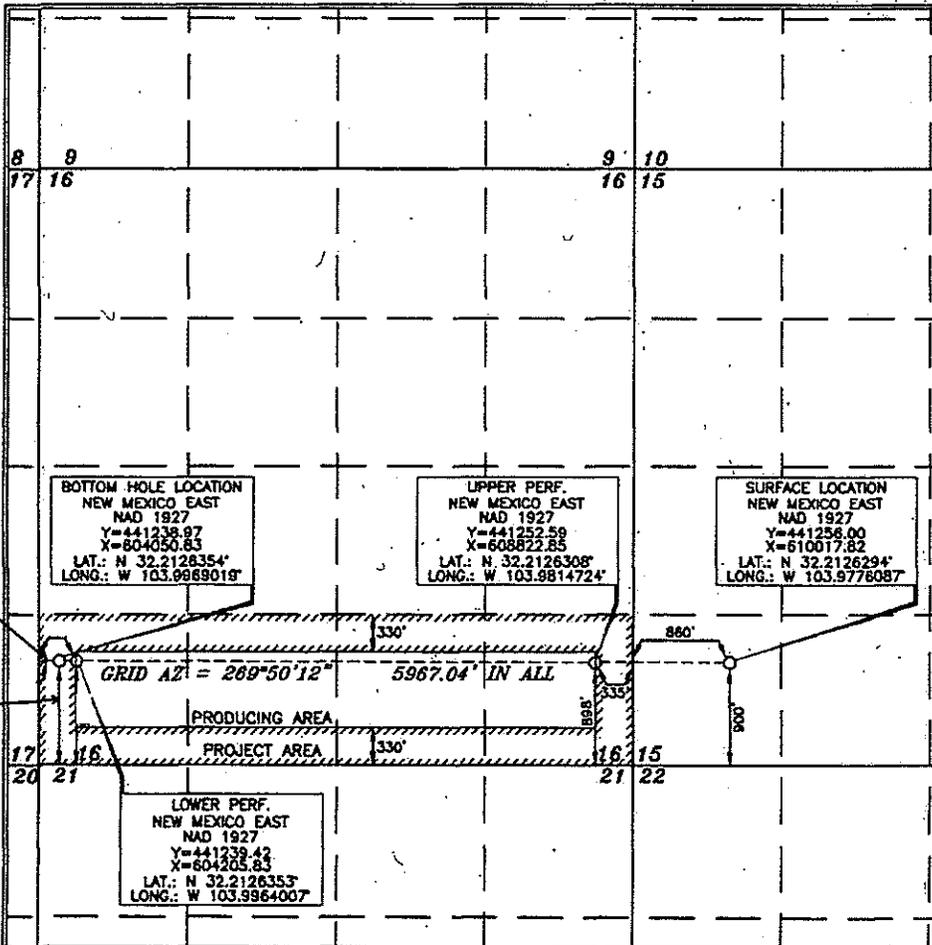
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	24 SOUTH	29 EAST, N.M.P.M.		900'	SOUTH	860'	WEST	EDDY

Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	24 SOUTH	29 EAST, N.M.P.M.		901'	SOUTH	133'	WEST	EDDY
Dedicated Acres 160	Joint or Infill Y	Consolidation Code	Order No. Top perf- 938' FSL 432' FEL, Bottom perf- 906' FSL 341' FWL						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sarah Mitchell 2/9/17
Signature Date

Sarah Mitchell
Printed Name
sarah_mitchell@oxy.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from the best available actual surveys made by the professional surveyor, and that the same is true and correct to the best of my belief.

DATE 19, 2014
Date of Survey

Signature and Seal
Professional Surveyor

Tommy O'Neil 6/30/2014
Certificate Number 15079



**OXY USA WTP Limited Partnership / OXY
USA INC / OCCIDENTAL PERMIAN LTD**
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046
P.O. Box 4294, Houston, Texas 77210-4294
Direct: 713.366.5106
Sandra_Musallam@oxy.com

June 6, 2019

Re: Production of Wells Going to Whomping Willow Tank Battery

Lease: VA-8361
Eddy County, New Mexico

Dear Mr. McMillan:

Regarding the submitted commingle application for Whomping Willow Central Tank Battery, the production decline of all of the wells going to the battery is in accordance with the production decline presented in Order R-14299.

For questions regarding this application, please contact me at (713) 366-5106.

Respectfully,

A handwritten signature in blue ink that reads 'Sandra Musallam'.

OXY USA INC
Sandra Musallam
Regulatory Engineer
Sandra_musallam@oxy.com