

RECEIVED: 3/9/20	REVIEWER: DM	TYPE: PLC	APP NO: pMAM1915754800
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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: OXY USA INC **OGRID Number:** 16696
Well Name: H BUCK STATE #003 & OTHERS **API:** 30-015-33821 & OTHERS
Pool: PIERCE CROSSING: BONE SPRING, EAST & OTHERS **Pool Code:** 96473 & OTHERS

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

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☐ PPR2) **NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ 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

Signature

Date

2/18/2020

713-366-5106

Phone Number

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-580____
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: 2/18/2012
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-580 to add H Buck State #005, H Buck State #010, Harroun 15-2, Harroun 15 #008 and Harroun 22 #001 to the Whomping Willow Battery (F-15-T24S-R29E, LAT 32.135.56 N, LONG -103.5833.94W).

Wells to be added to Whomping Willow Battery

WELL	API	SURFACE LOCATION	DATE ONLINE	BOPD	OIL GRAVITY	MSCFD	BTU/CF	BWPD
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)								
H Buck State #005	30-015-35042	L-15-24S-29E	Dec-2006	6	42.5	2	1224	12
H Buck State #010	30-015-34695	P-16-24S-29E	May-2006	5	42.5	5	1224	15
POOL: CEDAR CANYON; DELAWARE (11540)								
Harroun 15-2	30-015-29763	D-15-24S-29E	Oct-1997	5	43	34	1290	73
Cedar Canyon 15 #001H	30-015-39857	M-15-24S-29E	Oct-2012	11	42.3	35	1275	40
Harroun 15 #008	30-015-30253	F-15-24S-29E	Dec-1993	3	42.0	36	1250	42
Harroun 22 #001	30-015-28639	D-22-24S-29E	Feb-1997	3	42.3	6	1281	13

Wells currently approved to be sent to Whomping Willow Battery per PLC-580

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	6	42.9	22	1289	46
Harroun 10 #2	30-015-31709	M-10-24S-29E	Jul-2004	3	42.9	2	1289	5
Harroun 10 #3	30-015-32617	L-10-24S-29E	Aug-2004	5	42.9	15	1289	17
Harroun 15 #7	30-015-29987	C-15-24S-29E	Jul-2004	5	42.9	3	1289	12
Harroun 15 #8	30-015-30253	F-15-24S-29E	Jul-2004	3	42.9	36	1289	42
Harroun 15 #14	30-015-32620	D-15-24S-29E	Jun-2005	5	42.9	1	1289	8
Harroun 15 #005	30-015-29310	B-15-24S-29E	May-1997	3	42.9	2	1255	4
POOL: CORRAL DRAW; BONE SPRING (96238)								
Cedar Canyon 17 Fee #1H	30-015-42058	A-17-24S-29E	Aug-2014	56	42.9	187	1292	210
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)								
Harroun 15 #15	30-015-33317	E-15-24S-29E	Oct-2004	15*	42.9	50*	1288	100*
Harroun 15 #16A	30-015-33823	L-15-24S-29E	May-2005	0	42.9	0	1307	0
Harroun 15 #17	30-015-33822	M-15-24S-29E	Jan-2008	16	42.9	153	1307	64
Harroun 10 #004	30-015-32618	K-10-24S-29E	Dec-2003	2	42.9	1	1307	3
Harroun 22 #003	30-015-33821	A-22-24S-29E	Mar-2006	1	42.9	11	1307	4
Cedar Canyon 15 #2H	30-015-41032	M-15-24S-29E	Aug-2013	18	43	161	1307	79
Cedar Canyon 15 #3H	30-015-41594	L-15-24S-29E	Sep-2014	43	42.9	335	1328	215
Cedar Canyon 22 #2H	30-015-41327	D-22-24S-29E	Aug-2013	41	42.9	382	1315	108
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)								
Cedar Canyon 15 #4H	30-015-41291	E-15-24S-29E	Aug-2013	123	43	469	1307	578
Harroun 9 #1	30-015-34997	P-09-24S-29E	Jan-2008	3	43	10	1308	8
Harroun 9 #3H	30-015-41488	P-09-24S-29E	Feb-2014	107	43	474	1307	295

Well	API	Surface Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BTU/CF	BWPD
POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)								
Refried Beans CC 15_16 State Com 12H	30-015-45215	H-15-24S-29E	Jun-2019	452	45.7	4077	1275	901
Refried Beans CC 15_16 State Com 13H	30-015-45216	H-15-24S-29E	Jun-2019	450	45.7	3500	1271	1010
Refried Beans CC 15_16 State Com 14H	30-015-45217	I-15-24S-29E	Jun-2019	674	45.7	3869	1270	1217
POOL: PURPLE SAGE; WOLFCAMP (GAS) (98220)								
Whomping Willow CC 15_16 State Com 44H	30-015-45218	I-15-24S-29E	Jun-2019	747	45.7	4691	1265	1838

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-16-24S-29E	Jun-2013	2	45	0	1297	7
Cedar Canyon 16 State #6H	30-015-41595	L-15-24S-29E	Sep-2014	57	45	93	1290	157
Cedar Canyon 16 State #12H	30-015-42683	M-15-24S-29E	Mar-2015	72	45	398	1283	500
H Buck State #003	30-015-33820	A-16-24S-29E	Jun-2005	88	42.5	568	1224	208
H Buck State #004	30-015-34444	H-16-24S-29E	Feb-2006	36	42.5	245	1224	122

PROCESS DESCRIPTION

Production from all wells will flow to the header at Whomping Willow Battery. Refried Beans CC 15-16 State Com 12H, 13H, 14H and Whomping Willow CC 15-16 State Com 44H currently have dedicated 6' X 20' test separators. The other wells share a 6' X 20' production separator and a 4' X 10' test separator. Each test separator is equipped with an oil turbine meter, gas orifice meter and water turbine meter. After separation, oil production is sent through a line heater then an 8' X 20' heater-treater. It then flows through a 36" vapor recovery tower before flowing to three oil storage tanks. From the tanks, the oil is pumped through a LACT meter and sent to sales.

For internal metering purposes, two heat exchangers, an 8' X 20' stabilizer and an oil check meter are also installed upstream of the line heater, and tie-in upstream of the heater-treater.

Gas production is combined after the three-phase separators. It then flows 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 are 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 are in Range 2 of decline and are still being tested daily. OXY will move these wells off of individual separators and reduce testing frequency according to the future Conditions of Approval. All other wells have been on production for at least five years and are in Range 3 of decline. They will be tested at least once per month.

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.

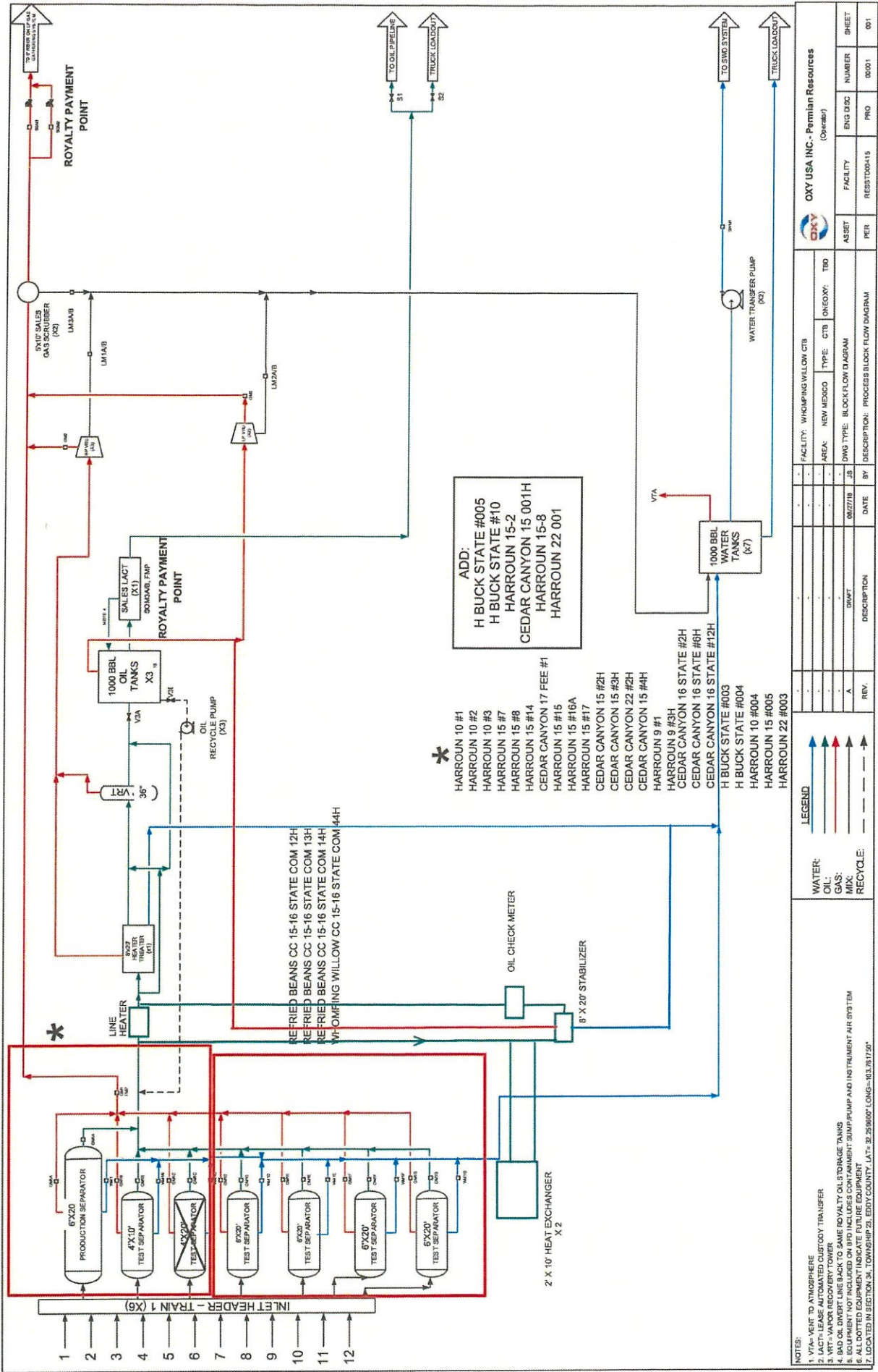
Additional Application Components:

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.



Whomping Willow CTB

Previous 6 Month Production Data

Cedar Canyon 15 #4H (30-015-41291)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	2707	8868	14570
Jul-2019	4167	19777	20769
Aug-2019	4299	11352	18616
Sep-2019	3464	12980	18835
Oct-2019	3196	17273	14302
Nov-2019	2971	8962	10599

Harroun 9 #1 (30-015-34997)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	3	10	8
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	0	0	0
Nov-2019	0	0	0

Harroun 9 #3H (30-015-41488)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	4929	9598	7326
Aug-2019	2919	7051	9357
Sep-2019	2704	9953	9342
Oct-2019	2365	20059	7784
Nov-2019	2328	20602	8139

Cedar Canyon 17 #1H (30-015-42058)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	303	1239	172
Jul-2019	0	0	0
Aug-2019	776	3868	3296
Sep-2019	1986	5736	7405
Oct-2019	1458	5460	5654
Nov-2019	1426	3747	5956

Cedar Canyon 15 #3H (30-015-41594)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	58	232	156
Jul-2019	1290	13247	5617
Aug-2019	1543	6555	9048
Sep-2019	1178	6030	7060
Oct-2019	1199	14223	5135
Nov-2019	1169	9337	4742

Cedar Canyon 15 #2H (30-015-41032)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	20	92	56
Jul-2019	78	272	235
Aug-2019	478	1795	1445
Sep-2019	596	3824	2723
Oct-2019	594	7480	3160
Nov-2019	512	7348	2611

Cedar Canyon 22 #2H (30-015-41327)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	130	294	69
Jul-2019	1309	16194	1672
Aug-2019	1422	12209	3607
Sep-2019	1103	11829	3660
Oct-2019	1087	9672	3710
Nov-2019	926	5582	3008

Harroun 10 #1 (30-015-30375)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	15	29	15
Jul-2019	0	0	0
Aug-2019	101	363	338
Sep-2019	113	339	239
Oct-2019	198	740	1291
Nov-2019	361	1179	3686

Harroun 10 #2 (30-015-31709)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	9	4	8
Jul-2019	0	0	0
Aug-2019	75	57	228
Sep-2019	76	62	158
Oct-2019	85	63	92
Nov-2019	82	61	57

Harroun 10 #3 (30-015-32617)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	19	27	24
Jul-2019	0	0	0
Aug-2019	125	421	580
Sep-2019	128	380	531
Oct-2019	136	455	450
Nov-2019	138	457	430

Whomping Willow CTB

Previous 6 Month Production Data

Harroun 15 #7 (30-015-29987)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	15	5	13
Jul-2019	146	0	13
Aug-2019	42	16	179
Sep-2019	94	56	313
Oct-2019	113	94	268
Nov-2019	114	189	545

Harroun 15 #8 (30-015-30253)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	3	33	24
Jul-2019	25	221	547
Aug-2019	105	1004	2906
Sep-2019	78	1380	1486
Oct-2019	74	1375	281
Nov-2019	83	716	173

Harroun 15 #2 (30-015-29763)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	2	6	15
Nov-2019	0	0	0

Harroun 15 #14 (30-015-32620)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	16	7	17
Jul-2019	146	0	17
Aug-2019	0	0	0
Sep-2019	52	10	214
Oct-2019	84	20	250
Nov-2019	85	31	208

Production as of Jan 2020: 5 BOPD X 34 MCFPD X 73 BWPD

Harroun 15 #15 (30-015-33317)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	0	0	0
Nov-2019	0	0	0

Harroun 15 #16A (30-015-33823)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	0	0	0
Nov-2019	0	0	0

Workover planned on well: est. 15 BOPD X 50 MCFPD X 100 BWPD

Harroun 15 #17 (30-015-33822)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	296	3072	1607
Oct-2019	241	2541	866
Nov-2019	569	4951	1958

Cedar Canyon 16 State #2H (30-015-41024)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	1	0	0
Jul-2019	1	0	0
Aug-2019	1	27	0
Sep-2019	31	48	144
Oct-2019	115	0	558
Nov-2019	117	0	540

Cedar Canyon 16 State #6H (30-015-41595)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	68	132	98
Jul-2019	2056	2390	5057
Aug-2019	2519	4359	5640
Sep-2019	1606	2448	3865
Oct-2019	1309	2849	4857
Nov-2019	1230	2214	4629

Cedar Canyon 16 State #12H (30-015-42683)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	2335	12438	9453
Sep-2019	2162	11463	19092
Oct-2019	1823	10983	16397
Nov-2019	1934	10933	12585

Whomping Willow CTB

Previous 6 Month Production Data

H Buck State #003 (30-015-33820)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	1090	10358	1760
Jul-2019	2766	15415	7018
Aug-2019	3432	18113	7896
Sep-2019	3342	15400	7414
Oct-2019	2158	16688	5189
Nov-2019	1661	17252	4889

H Buck State #004 (30-015-34444)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	426	3168	1463
Jul-2019	1563	6731	3885
Aug-2019	1336	7049	4430
Sep-2019	1216	6353	4042
Oct-2019	734	8996	3159
Nov-2019	615	7844	3004

Harroun 10 #004 (30-015-32618)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	4
Jul-2019	0	0	0
Aug-2019	47	26	81
Sep-2019	53	26	90
Oct-2019	56	52	93
Nov-2019	55	60	43

Harroun 15 #005 (30-015-29310)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	4	4
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	0	0	0
Nov-2019	27	15	35

Harroun 22 #003 (30-015-33821)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	3
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	1	11	1
Nov-2019	0	0	0

H Buck State #005 (30-015-35042)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	0	0	0
Nov-2019	0	0	0

Production as of Jan 2020: 6 BOPD X 2 MCFPD X 12 BWPD

H Buck State #010 (30-015-34695)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	0	0	0
Oct-2019	0	0	0
Nov-2019	0	0	0

Production as of Jan 2020: 5 BOPD X 5 MCFPD X 15 BWPD

Refried Beans CC 15-16 State Com 12H (30-015-45215)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	18222	142429	33133
Sep-2019	13579	116014	28205
Oct-2019	11951	119054	24027
Nov-2019	11341	119890	24502

Refried Beans CC 15-16 State Com 13H (30-015-45216)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	22749	102681	39331
Aug-2019	16730	124602	36463
Sep-2019	11665	100943	29866
Oct-2019	8988	106261	25272
Nov-2019	8292	97557	22614

Refried Beans CC 15-16 State Com 14H (30-015-45217)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	32428	105121	46820
Aug-2019	26318	133226	41207
Sep-2019	18622	115068	36347
Oct-2019	14437	125521	32308
Nov-2019	10647	109143	28324

Whomping Willow CTB **Previous 6 Month Production Data**

Whomping Willow CC 15-16 State Com 44H (30-015-45218)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	33244	185148	88836
Aug-2019	27313	172340	66348
Sep-2019	21313	127304	42438
Oct-2019	17294	124161	42826
Nov-2019	15181	108776	40761

Harroun 22 #001 (30-015-28639)			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Jun-2019	0	0	0
Jul-2019	0	0	0
Aug-2019	0	0	0
Sep-2019	9	18	43
Oct-2019	1	4	7
Nov-2019	0	0	0

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28639	Pool Code 11540	Pool Name Cedar Canyon, Delaware
Property Code	Property Name HARROUN 22	Well Number 1
GRID No.	Operator Name POGO PRODUCING COMPANY	Elevation 2929

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	24 S	29 E		660	NORTH	660	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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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 the the information contained herein is true and complete to the best of my knowledge and belief. <i>Richard L. Wright</i> Signature Richard L. Wright Printed Name Division Operations Manager Title 12/27/96 Date 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. NOV. 11, 1996 Date Surveyed DMCC Signature <i>Ronald L. Eison</i> Professional Surveyor NEW MEXICO 11-14-96 96-11-143 Certificate No. JOHN W. WEST 676 RONALD L. EISON 3239 GARY EISON 12641									

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

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SEP 25 2012
MOCOD ARTESIA

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

RECOMMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-39857	Pool Code 11540	Pool Name Cedar Canyon Delaware
Property Code 39046	Property Name CEDAR CANYON 15	Well Number 1H
OGRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2927'

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-S	29-E		660	SOUTH	660	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
D	15	24-S	29-E		382	NORTH	322	WEST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.
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	NOTE: AS-DRILLED BOTTOM HOLE DATA FURNISHED BY BAKER HUGHES GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y=441015.8 N X=609819.5 E LAT.=32.211971° N LONG.=103.978253° W PBTD Y=445179.6 N X=609464.0 E BOTTOM PERF Y=445098.1 N X=609473.2 E AS-DRILLED BOTTOM HOLE LOCATION Y=445285.0 N X=609453.2 E CORNER COORDINATES A) Y=445667.3 N; X=609128.3 E B) Y=440356.3 N; X=609164.0 E C) Y=445666.2 N; X=610456.1 E D) Y=440355.7 N; X=610484.6 E	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. <i>David Stewart</i> 9/24/12 Signature Date David Stewart Printed Name david.stewart@oxy.com E-mail Address
	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. AUGUST 17, 2011 Date of Survey Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i> Professional Surveyor RONALD J. EIDSON NEW MEXICO 3239 Certification Number 12641 Ronald J. Eidson 3239 BKL Ref. W.O. 12.13.1589	

DISTRICT I
P.O. Box 1960, Hobbs, NM 88241-1960

DISTRICT II
P.O. Drawer 80, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Grande Rd., Artesia, NM 87410

DISTRICT IV
P.O. Box 2862, Santa Fe, N.M. 87504-2862

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
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For Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 4570 96473	Well Name Pierce Crossing Debra Canyon (Debra) Bone Springs
Property Code 17565	Property Name HARROUN 15	Well Number 8
OGRIID No. C17691	Operator Name POGO PRODUCING COMPANY	Elevation 2930

Surface Location

UL or lot No.	Section	Township	Range	Lot Mn	Feet from the	North/South line	Feet from the	East/West line	County
F	15	24 S	29 E		1980	NORTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Mn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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 the the information contained herein is true and complete to the best of my knowledge and belief. <i>James M.C. Ritchie, Jr.</i> Signature James M.C. Ritchie, Jr. Printed Name AGENT Title 05/16/98 Date 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. APRIL 30, 1998 Date Surveyed Signature Professional RONALD E. JOHNSON 5-04-98 198-391-078 Certificate No. RONALD E. JOHNSON 3239 CARL JOHNSON 12641 MICHAEL J. McDONALD 12185
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