RECEIVED:	REVIEWER:	TYPE:	APP NO: DMAM1728 Y 34626
	ABOV	E THIS TABLE FOR OCD DIVISION LISE O	NIY

	ABOVE THIS TABLE FOR	R OCD DIVISION USE ONLY
	NEW MEXICO OIL CONSE - Geological & Enginee 1220 South St. Francis Drive, Sc	ering Bureau –
	ADMINISTRATIVE APPLIC	
	THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE AP REGULATIONS WHICH REQUIRE PROCESSING A	
p	oplicant: OXY USA INC	OGRID Number: 16696
е	ell Name: HARROUN 15-15	API: 30-015-33317
oc	ol: PIERCE CROSSING; BONE SPRING, EAST	Pool Code: 96473
	SUBMIT ACCURATE AND COMPLETE INFORMATION RE INDICATED E TYPE OF APPLICATION: Check those which apply for	pcc-405-A
	B. Check one only for [1] or [11] [1] Commingling – Storage – Measurement DHC DTB PLC PC [11] Injection – Disposal – Pressure Increase – E	NSP _(PRORATION UNIT)
2)		e owners Dy SLO Dy BLM Notice Complete Application Content Complete
3)	CERTIFICATION: I hereby certify that the information administrative approval is accurate and complete understand that no action will be taken on this approval.	to the best of my knowledge. I also

3 notifications are submitted to the Division.

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

	10/10/2017
NDRA MUSALLAM	Date
nt or Type Name	
•	713-366-5106
-	Phone Number
Sandy Mum	
Xangu Trium	SANDRA_MUSALLAM@OXY.COM
nature	e-mail Address

<u>District I</u>
1625 N. French Drive, Hobbs, NM 88240
<u>District II</u>
811 S. First St., Artesia, NM 88210
<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St Francis Dr, Santa Fe, NM 87505

E-MAIL ADDRESS: __SANDRA_MUSALLAM@OXY.COM

District IV

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.

APPLIC	CATION I	FOR SURFACE (COMMINGLING	(DIVERSE	OWNERSHIP)	
OPERATOR NAME:	OXY US	A INC				
OPERATOR ADDRESS:	POBOX	4294 HOUSTON, T	X 77210			
APPLICATION TYPE:						
☐ Pool Commingling ☐ Lea	se Comminglin	g ■Pool and Lease Cor	mmingling	Storage and Measur	rement (Only if not Surfac	e Commingled)
LEASE TYPE: 🛛 🛭	Fee 🛛	State	ral			
Is this an Amendment to ex						
Have the Bureau of Land N	1anagement	(BLM) and State Land	l office (SLO) been not	tified in writing o	of the proposed comm	ingling
⊠Yes □No				_		
			L COMMINGLIN s with the following in			
(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						
			1			
	·					
(5) Will commingling decre	ase the value (No If "yes", descri		ing should be approved	
			s with the following in			
(1) Pool Name and Code.						
(2) Is all production from sa						
(3) Has all interest owners be(4) Measurement type: 			osea comminging?	□Yes □N	0	
(1) Moustanement type:		- Care (open)				
*		(C) POOL and	LEASE COMMIN	GLING		
(1) Complete Sections A an	4 C	Please attach sheet	s with the following in	nformation		
(1) Complete Sections A art	u.E.					
	(E	,	ORAGE and MEA			
(1) Is all production from sa	ma source of s		ets with the following	information	· 14 · 15 · 10 · 15 · 15 · 15 · 15 · 15 · 15	
 Is all production from sa Include proof of notice t 			O			
	(E) AE		RMATION (for all		pes)	
(1) A schematic diagram of	facility includ		s with the following in	itormation		
- ·	-		ons. Include lease number	ers if Federal or Sta	ate lands are involved.	
(3) Lease Names, Lease and			,			
I hereby certify that the inform	ation above is	true and complete to the	best of my knowledge an	d belief.		
signature:			TLE:REGULATORY		DATE:10/	10/2017
	ANDRA MUS		TEL EDITOR	E NO.: 713-366-	•••	

APPLICATION FOR POOL AND LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES AND STORAGE Commingling proposal for Cedar Canyon 16-1, Harroun 9-1 and Harroun 15-15 Batteries

OXY USA INC requests to amend previously approved NMOCD commingle order PLC-405 to include additional wells. This will nullify previously approved NMOCD commingle application PC-1260B.

The oil production from all of the facilities and wells listed below will flow to the Harroun 15 Oil Gathering Station (OGS) where it will be measured through a LACT (Lat 32.220154, Long -103.978543) located in Section 15 T24S R29E, Eddy County. Production will then be allocated to each well based on well test and the amount of hours the well was operating in a given month.

Gas production from each battery will be separated and measured through Oxy check meters at their respective facilities, as described below.

All water from the batteries will be sent to the Cedar Canyon Water Disposal Distribution system.

A detailed process description by facility can be found below. The oil and gas meters will be calibrated on a regular basis per API and NMOCD specifications.

Cedar Canyon 16-1 Battery:

Well	API	Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BWPD	
POOL: CEDAR CANYON; DELA	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	38	44	104	706	
POOL: PIERCE CROSSING; BO	NE SPRING, EA	ST (96473) - STATE	LEASE NO. VA-0	836-00	01			
Cedar Canyon 16 State #1H	30-015-39856	D-16-T24S-R29E	Sep-2012	1	44	118	20	
Cedar Canyon 16 State #2H	30-015-41024	P-16-T24S-R29E	Jun-2013	9	44	107	52	
Cedar Canyon 16 State #6H	30-015-41595	L-16-T24S-R29E	Sep-2014	46	44	280	244	
Cedar Canyon 16 State #7H	30-015-41251	E-16-T24S-R29E	Aug-2013	0	44	0	0	
Cedar Canyon 16 State #8H	30-015-41596	A-16-T24S-R29E	Oct-2014	62	44	228	226	
Cedar Canyon 16 State #9H	30-015-42061	D-16-T24S-R29E	Sep-2015	144	44	289	1091	
Cedar Canyon 16 State #10H	30-015-42055	C-16-T24S-R29E	Dec-2014	59	44	260	428	
Cedar Canyon 16 State #12H	30-015-42683	M-16-T24S-R29E	Mar-2015	46	44	346	140	
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	452	44	418	1404	
Cedar Canyon 16 State #34H	30-015-43843	A-16-T24S-R29E	Dec-2016	417	44	522	1057	

Production at the Cedar Canyon 16-1 battery will be separated and measured through a north inlet 6' X 20' three-phase separator and a south inlet 8' X 20' three-phase separator. Oil production will then flow through one of two heater treaters, located at the north inlet and south inlet. From the heater treaters, oil will flow to four storage tanks before being pumped to the Harroun 15 OGS for storage and sales.

For testing purposes, the north inlet is equipped with two 4' x 10' and one 6' X 20' three-phase test separators. The north inlet will also be equipped with one mobile 4' X 10' three-phase test separator that will be removed from location after the wells have declined to the point where the vessels are no longer needed. Each test vessel is equipped with oil turbine meters (S/N 35839, S/N 41104, S/N 66387 and S/N 12090690705), gas orifice meters (S/N 14910T, S/N 14910T2, S/N 14910TA and S/N 14916T), and water turbine meters (S/N 35848, S/N 394884, S/N 69368 and S/N 34757). The south inlet is equipped with one 6' X 20' portable three-phase test separator that will be removed from location after the wells have declined to the point where the vessel is no longer needed. The test vessel has an oil turbine meter (S/N 443618), a gas orifice meter (S/N 14910TT) and a water turbine meter (S/N 443655).

All wells except for Cedar Canyon 16 State #33H and #34H have been on production for over two years and are in Range 3 of decline. The wells can be reasonably expected to have a decline rate of less than 5 percent, as specified in Hearing Order R-14299. Therefore, wells will be tested at least once per month for a minimum of 24 hours.

Cedar Canyon 16 State #33H and #34H have been on production for nine months and are in Range 2 of decline. Their production is combined with the other wells at the battery, and they are tested at least twice per month for a minimum of 24 hours. When production stabilizes to Range 3 decline, the wells will be tested at least once per month for a minimum of 24 hours, as specified in Hearing Order R-14299.

Gas will be sent from the production and test separators through two check meters (S/N 14910C and 14910P) before being sent to sales.

All water from the Cedar Canyon 16-1 battery will be sent to the Cedar Canyon Water Disposal Distribution system, where it will flow to the nearest SWD which has capacity to accept water.

Cedar Canyon 16-1 battery is located on fee surface and has no associated State right-of-ways.

Harroun 9-1 Battery:

Well	API	Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BWPD
POOL: PIERCE CROSSI	NG; BONE SPRI	NG, EAST (96473)					
Cedar Canyon 15 #4H	30-015-41291	E-15-24S-29E	Aug-2013	16	41.6	115	88
Harroun 9 #1	30-015-34997	P-09-24S-29E	Jan-2008	3	41.6	10	8
Harroun 9 #3H	30-015-41488	P-09-24S-29E	Feb-2014	36	41.6	93	87

Production at the Harroun 9-1 battery will be separated and measured through a 4' X 10' three-phase separator. Oil production will then flow through a heater treater before being sent to three storage tanks. From the storage tanks, oil will be pumped to the Harroun 15 OGS for storage and sales.

For testing purposes, Harroun 9-1 battery is equipped with a 4' x 10' three-phase test separator. The test vessel has an oil turbine meter (S/N 409932), a gas orifice meter (S/N T131110571) and a water turbine meter (S/N 410028).

All wells have been on production for over three years and are in Range 3 of decline. The wells can be reasonably expected to have a decline rate of less than 5 percent, as specified in Hearing Order R-14299. Therefore, wells will be tested at least once per month for a minimum of 24 hours.

Gas will be sent from the production and test separators through a check meter (S/N T131820022) before being sent to sales.

All water from the Harroun 9-1 battery will be sent to the Cedar Canyon Water Disposal Distribution system, where it will flow to the nearest SWD which has capacity to accept water.

Harroun 15-15 Battery:

Well	API	Location	Date Online	BOPD	OIL GRAVITY	MSCFD	BWPD		
POOL: CEDAR CANYON; DELAY	POOL: CEDAR CANYON; DELAWARE (11540)								
Harroun 10 #1	30-015-30375	N-10-24S-29E	Jul-2004	11	42.9	36	50		
Harroun 10 #2	30-015-31709	M-10-24S-29E	Jul-2004	2	42.9	17	141		
Harroun 10 #3	30-015-32617	L-10-24S-29E	Aug-2004	6	42.9	121	26		
Harroun 15 #7	30-015-29987	C-15-24S-29E	Jul-2004	4	42.9	2	93		
Harroun 15 #8	30-015-30253	F-15-24S-29E	Jul-2004	9	42.9	21	115		
Harroun 15 #14	30-015-32620	D-15-24S-29E	Jun-2005	3	42.9	2	28		
POOL: CORRAL DRAW; BONE S	PRING (96238)								
Cedar Canyon 17 Fee #1H	30-015-42058	A-17-24S-29E	Aug-2014	43	42.9	261	113		
POOL: PIERCE CROSSING; BON	E SPRING, EAST	(96473)							
Harroun 15 #15	30-015-33317	E-15-24S-29E	Oct-2004	5	42.9	27	3		
Harroun 15 #16A	30-015-33823	L-15-24S-29E	May-2005	7	42.9	27	17		
Harroun 15 #17	30-015-33822	M-15-24S-29E	Jan-2008	7	42.9	53	14		
Cedar Canyon 1S #2H	30-015-41032	M-15-24S-29E	Aug-2013	33	42.9	55	52		
Cedar Canyon 15 #3H	30-015-41594	L-15-24S-29E	Sep-2014	40	42.9	239	117		
Cedar Canyon 22 #2H	30-015-41327	D-22-24S-29E	Aug-2013	76	42.9	113	150		
POOL: PIERCE CROSSING; BON	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	36	42.9	328	293		

Production from Cedar Canyon 15 Fed Com 5H is separated and measured at the well site. Cedar Canyon 15 Fed Com 5H production is separated and measured through a 6' X 20' three-phase separator. The separator has an oil turbine meter (S/N 74335), a gas orifice meter (S/N T131110568) and a water turbine meter (S/N 35667). Oil production will then flow to a storage tank before being pumped through a Coriolis meter (S/N 14351664, FMP) then sent to Harroun 15-15 battery oil storage tanks. Gas is sent to sales after being measured through the separator orifice meter (FMP). Water is sent to either Cedar Canyon 15-15H or the Cedar Canyon Water Disposal Distribution system.

Production at the Harroun 15-15 battery is separated and measured through a 6′ X 20′ three-phase separator. Oil production will then flow through a heater treater before being sent to five storage tanks. From the storage tanks, oil will be pumped to the Harroun 15 OGS for storage and sales. Cedar Canyon 22-2H has a dedicated 4′ X 10′ three-phase separator. It is equipped with an oil turbine meter (S/N 69238), a gas orifice meter (S/N T150718024) and a water turbine meter (S/N 69679). Oil from Cedar Canyon 22-2H is combined with production from the other wells upstream of the heater treater.

For testing purposes, Harroun 15-15 battery is equipped with a 4' x 10' three-phase test separator. The test vessel has an oil turbine meter (S/N 390889), a gas orifice meter (S/N T130304636) and a water turbine meter (S/N 390896).

All wells been on production for over two years and are in Range 3 of decline. The wells can be reasonably expected to have a decline rate of less than 5 percent, as specified in Hearing Order R-14299. Therefore, wells will be tested at least once per month for a minimum of 24 hours.

Gas will be sent from the production and test separators through a check meter (S/N T140458659) before being sent to either sales or gas lift compression for Cedar Canyon 15-3 and Cedar Canyon 17-1.

All water from the Harroun 9-1 battery will be sent to the Cedar Canyon Water Disposal Distribution system, where it will flow to the nearest SWD which has capacity to accept water.

Harroun 15 Oil Gathering Station (OGS):

Oil from Cedar Canyon 16-1, Harroun 9-1 and Harroun 15-15 batteries will be sent to Harroun 15 OGS where it will be stored in four oil tanks before being pumped through a LACT (S/N 14674022).

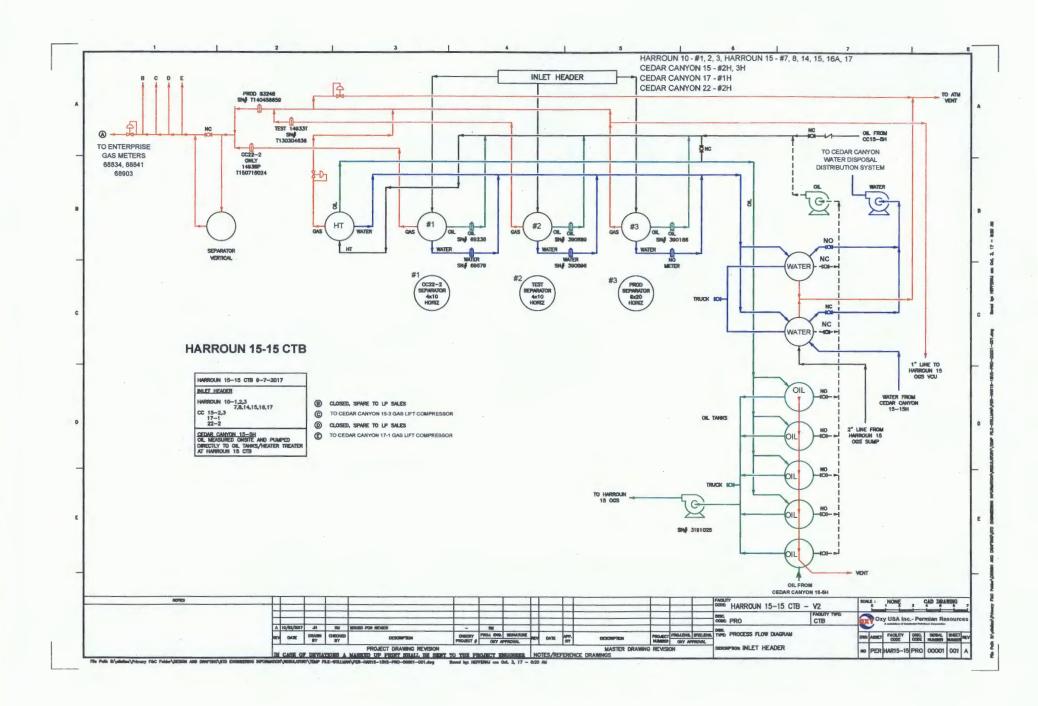
Additional Application Components:

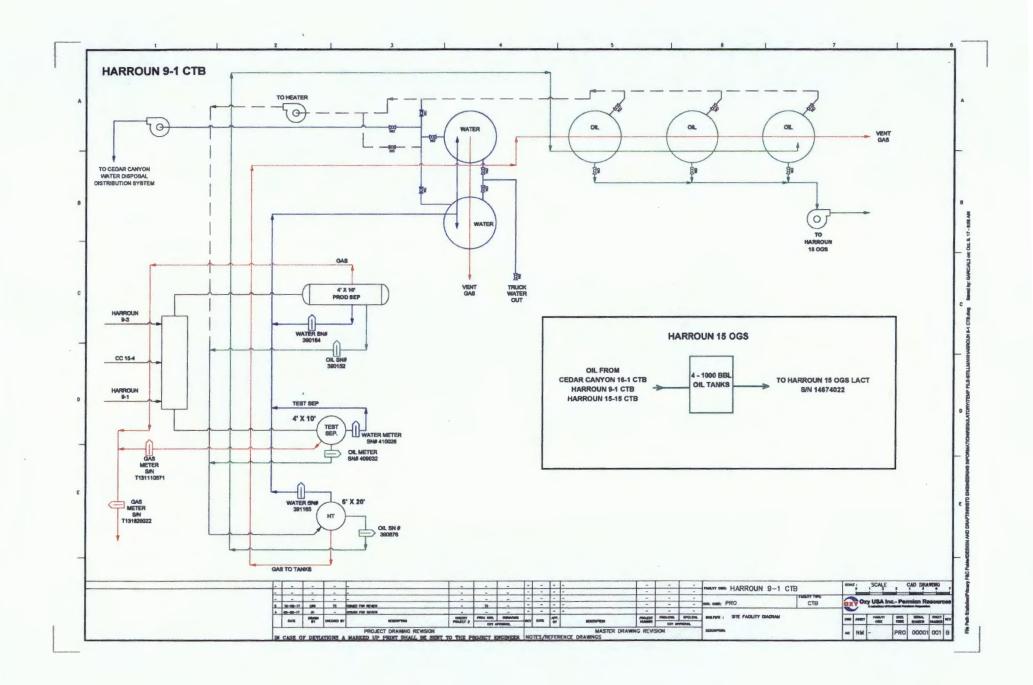
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

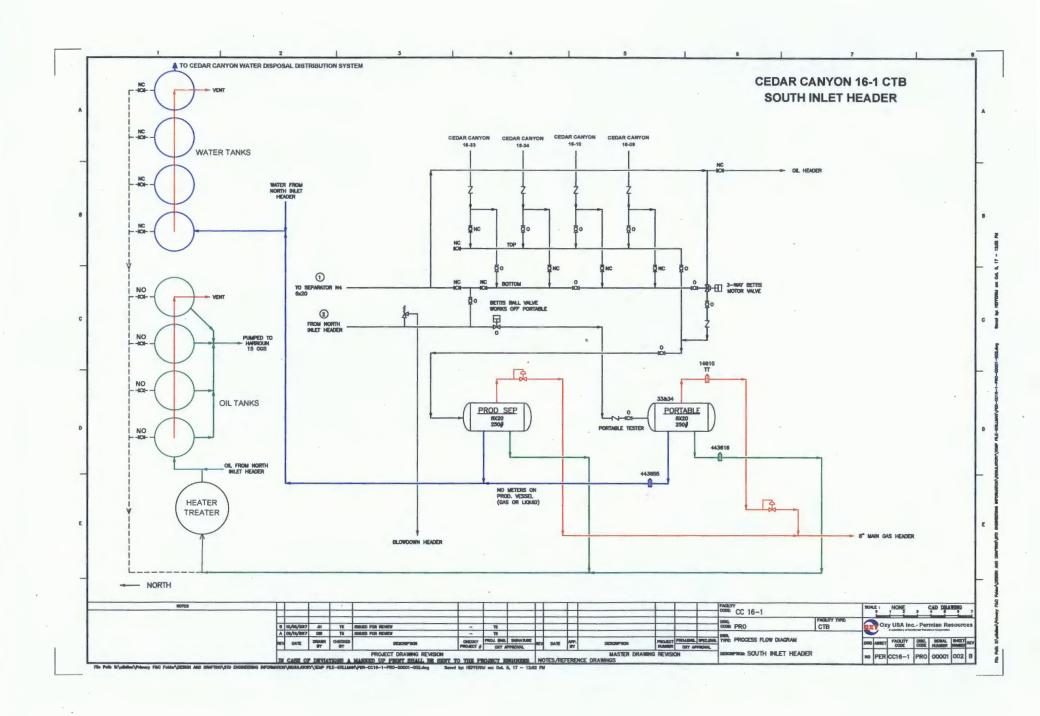
The working interest, royalty interest and overriding royalty interest owners have been notified of this proposal by certified mail (see attached).

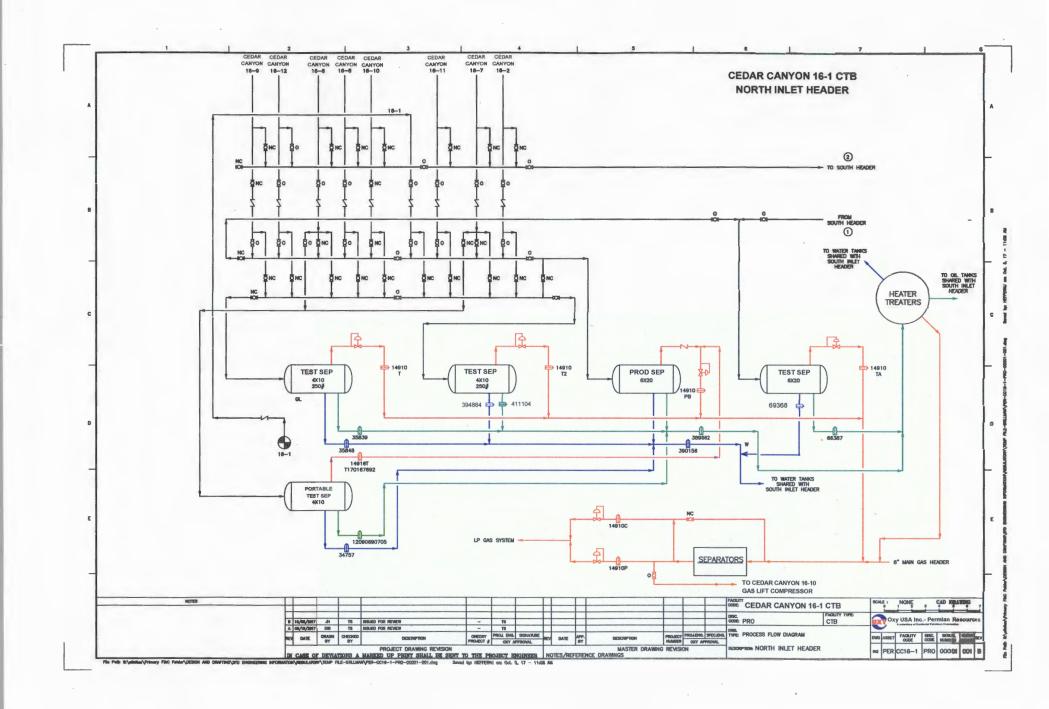
Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

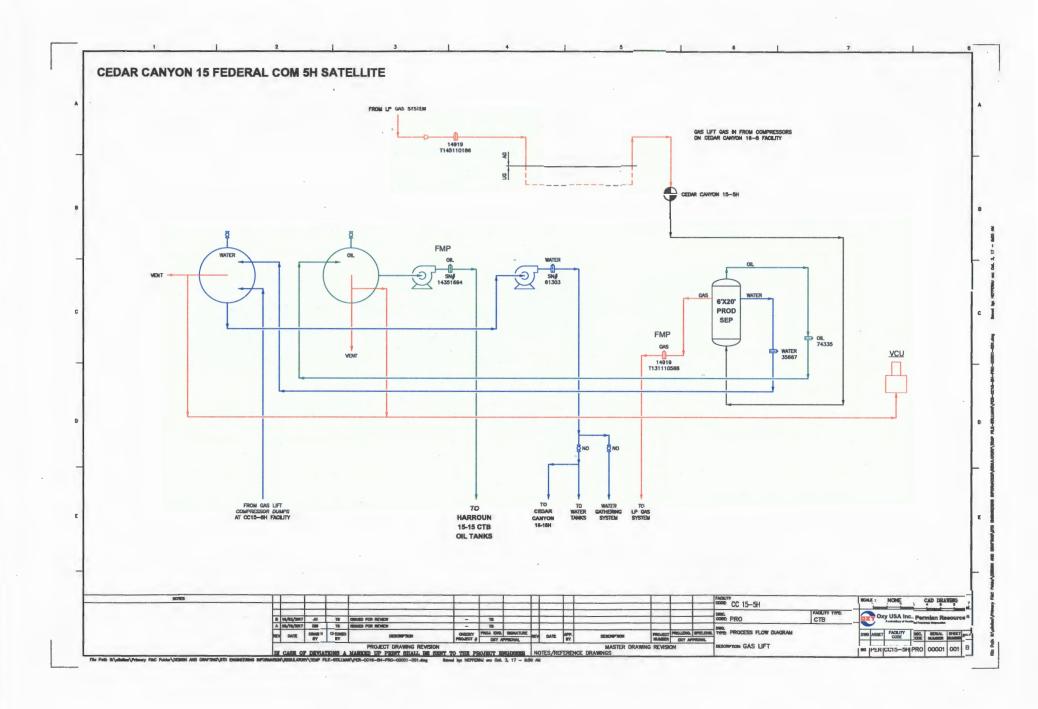
Commingling this production is the most effective means of producing the reserves. OXY USA INC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.



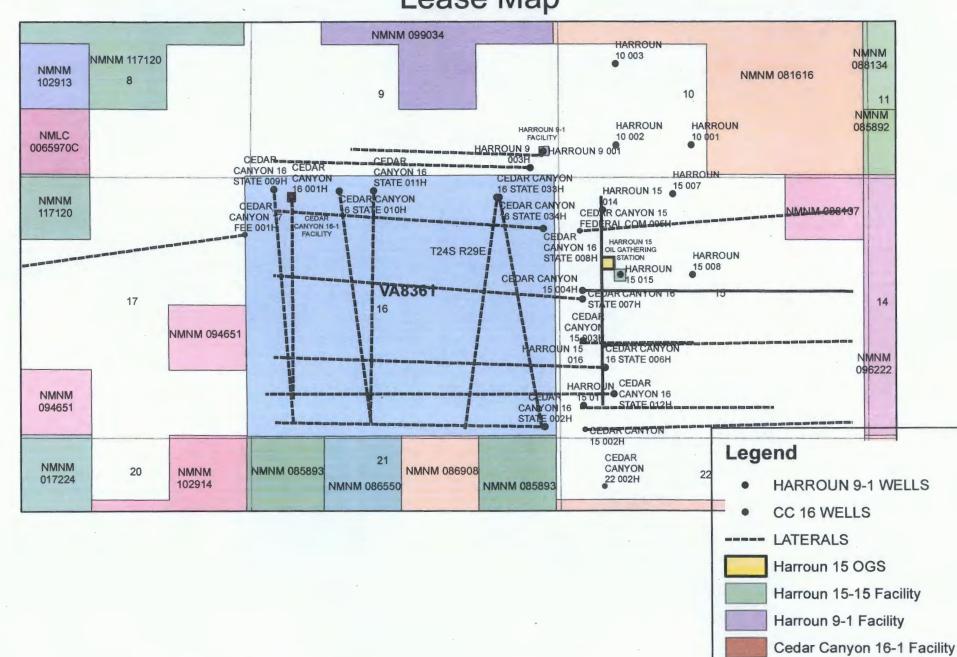








Harroun 15 Oil Gathering System Cedar Canyon 16-1, Harroun 9-1 and Harroun 15-15 Lease Map



Cedar Canyon 16-1

Cedar Canyon 16 #1H (30-015-39856)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	102	4	4983	1874
Mar-2017	58	2	5307	899
Apr-2017	60	2	5402	249
May-2017	77	2	4443	187
Jun-2017	100	3	3558	1063
Jul-2017	35	1	3659	618

Cedar Canyon 16 #6H (30-015-41595)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	2962	110	8942	4105
Mar-2017	1537	51	5261	1639
Apr-2017	2441	90	5209	1743
May-2017	2522	81	3223	2982
Jun-2017	1735	58	10852	11912
Jul-2017	1422	46	8669	7579

Cedar Canyon 16 #8H (30-015-41596)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	2475	88	5197	7189
Mar-2017	1772	63	5426	2304
Apr-2017	1933	64	8309	4538
May-2017	1701	55	5209	9311
Jun-2017	1599	53	8908	10643
Jul-2017	1917	62	7067	7004

Cedar Canyon 16 State #2H (30-015-41024)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	655	23	2814	1583
Mar-2017	460	15	3751	795
Apr-2017	624	21	4431	816
May-2017	179	6	3672	2214
Jun-2017	127	4	3934	3547
Jul-2017	282	9	3315	1618

Cedar Canyon 16 #7H (30-015-41251)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	743	27	3207	1970
Mar-2017	1330	43	3837	1242
Apr-2017	0	0	0	0
May-2017	0	0 ,	0	0
Jun-2017	0	0	0	0
Jul-2017	0	0	. 0	0

Cedar Canyon 16 #9H (30-015-42061)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	716	143	1101	7271
Mar-2017	5288	171	13590	25004
Apr-2017	5455	182	11723	45092
May-2017	5095	164	11465	70935
Jun-2017	4599	153	10584	65122
Jul-2017	4460	144	8974	33830

Cedar Canyon 16-1

Cedar Canyon 16 #10H (30-015-42055)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	4031	144	5517	17253
Mar-2017	3112	100	2425	16898
Apr-2017	1880	63	5237	16615
May-2017	1889	61	4095	25819
Jun-2017	1925	64	7266	25584
Jul-2017	1842	59	8072	13283

Cedar Canyon 16 #12H (30-015-42683)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	2424	87	10594	5264
Mar-2017	1513	50	6686	2970
Apr-2017	2135	71	11880	5034
May-2017	2015	65	11697	7656
Jun-2017	1195	46	8486	6408
Jul-2017	1416	46	10734	4352

Cedar Canyon 16 #34H (30-015-43843)

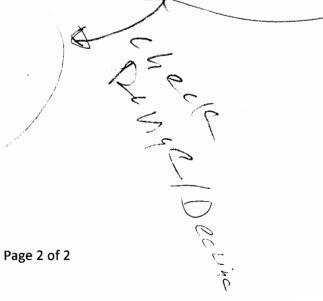
Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	24321	869	45567	61841
Mar-2017	18094	584	33922	26199
Apr-2017	6002	462	11683	13228
May-2017	15384	530	26013	68370
Jun-2017	15230	508	20512	58581
Jul-2017	12934	417	16182	32768

Cedar Canyon 16 #11H (30-015-42062)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	1706	61	4077	24163
Mar-2017	2369	76	4806	13084
Apr-2017	3237	108	4650	17064
May-2017	1671	54	3915	28601
Jun-2017	1389	46	3424	29343
Jul-2017	1168	38	3222	21888

Cedar Canyon 16 #33H (30-015-43844)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	24402	872	43550	69162
Mar-2017	19048	614	34532	28422
Apr-2017	13619	454	24644	34406
May-2017	1453	363	2065	6887
Jun-2017	9213	542	12726	44901
Jul-2017	14010	452	12956	43512



Harroun 9-1

Cedar Canyon 15 #4H (30-015-41291)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	835	30	3817	5674
Mar-2017	755	24	4082	5199
Apr-2017	748	25	4638	5688
May-2017	801	26	3708	5545
Jun-2017	716	24	3414	4286
Jul-2017	491	16	3560	2715

Harroun 9 #3H (30-015-41488)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbis)
Feb-2017	1912	68	4896	6767
Mar-2017	2258	73	3579	2039
Apr-2017	1453	58	3612	2479
May-2017	1393	45	4077	3395
Jun-2017	1440	48	3685	2864
Jul-2017	1121	36	2869	2696

Harroun 9 #1 (30-015-34997)

(0.000)				
Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	0	0	4	3
Mar-2017	43	2	767	324
Apr-2017	114	6	967	212
May-2017	0	0	0	0
Jun-2017	10	5	30	19
Jul-2017	26	3	98	78

Harroun 15-15

Cedar Canyon 17 #1H (30-015-42058)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbis)
Feb-2017	1835	66	11046	4791
Mar-2017	1584	53	11345	2594
Apr-2017	1669	56	10	4909
May-2017	1639	53	15389	7872
Jun-2017	1320	44	9793	6434
Jul-2017	1341	43	8093	3499

Cedar Canyon 15 #2H (30-015-41032)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	876	31	6916	1855
Mar-2017	899	29	5965	1072
Apr-2017	520	17	6782	1007
May-2017	1521	49	4747	1610
Jun-2017	948	32	1662	2650
Jul-2017	1013	33	1715	1611

Harroun 10 #1 (30-015-30375)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	467	17	261	5777
Mar-2017	392	13	299	4666
Apr-2017	353	12	201	4571
May-2017	381	12	239	5770
Jun-2017	355	12	609	4761
Jul-2017	336	11	1115	1556

Cedar Canyon 15 #3H (30-015-41594)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)			
Feb-2017	2150	86	15497	7444			
Mar-2017	1884	61	18100	4698			
Apr-2017	2494	83	23220	7475			
May-2017	1613	52	3523	6821			
Jun-2017	1449	48	5914	7811			
Jul-2017	1234	40	7403	3636			

Cedar Canyon 22 #2H (30-015-41327)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	3084	110	6955	8509
Mar-2017	2526	81	4487	8093
Apr-2017	1160	39	1449	4368
May-2017	917	30	6081	4384
Jun-2017	605	23	9062	3415
Jul-2017	2350	76	3515	4657

Harroun 10 #2 (30-015-31709)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	136	5	594	407
Mar-2017	69	2	128	665
Apr-2017	54	2	62	703
May-2017	78	3	64	661
Jun-2017	62	2	2416	498
Jul-2017	61	2	518	4373

Harroun 15-15

Harroun 10 #3 (30-015-32617)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)	
Feb-2017	282	10	0	1824	
Mar-2017	425	14	0	2412	
Apr-2017	177	6	0	1407	
May-2017	183	6	0	1241	
Jun-2017	150	5	0	1563	
Jul-2017	182	6	3736	815	

Harroun 15 #8 (30-015-30253)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	110	4	169	3349
Mar-2017	88	4	173	1764
Apr-2017	0	0	0	0
May-2017	0	0	0	0
Jun-2017	20	4	15	456
Jul-2017	271	9	658	3550

Harroun 15 #14 (30-015-32620)

Month	Oil (bbis)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)	
Feb-2017	174	6	964	4930	
Mar-2017	193	6	1315	1945	
Apr-2017	129	5	424	748	
May-2017	253	8	1086	1361	
Jun-2017	95	3	3	1337	
Jul-2017	95	3	49	870	

Harroun 15 #7 (30-015-29987)

71411 0411 25 117 (50 025 25507)							
Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbis)			
Feb-2017	123	4	142	5464			
Mar-2017	108	3	243	4755			
Apr-2017	113	4	681	3973			
May-2017	71	3	758	4113			
Jun-2017	78	3	59	6112			
Jul-2017	117	4	57	2882			

Cedar Canyon 15 Fed Com 5H (30-015-42421)

Month	Month Oil (bbls) Average Daily Volume (bbls)		Gas (MCF)	Water (bbis)	
Feb-2017	2857	102	7458	15675	
Mar-2017	2141	71	6545	7657	
Apr-2017	2068	69	10351	11412	
May-2017	2207	71	7619	14560	
Jun-2017	2146	72	11574	19610	
Jul-2017	1119	36	10166	9082	

Harroun 15 #15 (30-015-33317)

Month	Month Oil (bbls) Average Daily Volume (bbls)		Gas (MCF)	Water (bbls)	
Feb-2017	177	6	1159	311	
Mar-2017	132	5	1419	200	
Apr-2017	129	5	2060	52	
May-2017	137	4	1902	203	
Jun-2017	96	3	1314	144	
Jul-2017	142	5	826	91	

Harroun 15-15

Harroun 15 #16A (30-015-33823)

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
Feb-2017	337	12	815	733
Mar-2017	192	6	1674	416
Apr-2017	191	6	1417	768
May-2017	153	5	1012	286
Jun-2017	234	8	779	688
Jul-2017	207	7	840	541

Harroun 15 #17 (30-015-33822)

Month	onth Oil (bbls) Average Daily Volume (bbls)		Gas (MCF)	Water (bbls)	
Feb-2017	155	6	2700	189	
Mar-2017	192	6	1950	328	
Apr-2017	230	8	1710	378	
May-2017	211	7	3043	317	
Jun-2017	269	9	1863	462	
Jul-2017	231	7	1645	434	

Note: Average Daily Volume is equal to the monthly production volume divided by the number of days the well was producing



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

October 10, 2017

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Re: Application for Pool and Lease Commingling and Off-lease Measurement, Sales, & Storage for the Cedar Canyon 16-1, Harroun 9-1 and Harroun 15-15 Batteries in Eddy County, New Mexico.

To Whom It May Concern:

This is to advise you that OXY USA INC is filing an application for surface commingling at the Cedar Canyon 16-1, Harroun 9-1 and Harroun 15-15 Batteries. 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

Sunden Musul

DISTRICT I
1625.N. Freich Dr., Hobbs, NM 88240
Rhone: (375) 393-6) 61 Fax: (575) 393-0720
DISTRICT II
811 5. Frat St., Artesia, NM 88210
Phoie: (375) 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 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (305) 476-3460 Fex: (505) 476-3462

NM OIL CONSERVATION

Form C-102

State of New Mexico NM OIL CONSERVA
Energy, Minerals & Natural Resources Departments IA DISTRICT

APR 06 2015 Submit one copy to appropriate District Office

Revised August 1, 2011

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

RECEIVED

MAMENDED REPORT As Drilled

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OGRIDI		1	·····		Operator Nam				levation
1669	6		OXY U.S.A. INC. 2927						
					Surface Locat				
UL or fot No.	Section 16	Township 24-S	Range 29-E	Loi Idn	Feet from the	North South line	Feet from the	East/West line	County
	10	24-5	29-E	2000	260	NORTH	2060	WEST	EDDY
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N	16	24-S	29-E		3509	SOUTH		WEST	EDDY
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ii i S. First St., Artesis, NM 682 10 Phone: (575) 748-1283 Fat: (575) 748-9720 DISTRICT III 000 Rio Brazos Road, Azzoc, NM 87410 Phone: (505) 334-6176 Fas: (305) 334-6170 ESTRICT IV 1220 S. St. Prancia Dr., Senta Fe, NM 87505 Photas: (505) 476-3460 Fea: (505) 476-3462

# NM OIL CONSERVATION BROOKS, Minerals & Natural Resources Department FEB 1012 CONSERVATION DIVISION

1220 South St. Francis Dr. RECEIVEDIA Fe, New Mexico 87505

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

DAMENDED REPORT

2-9-12

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

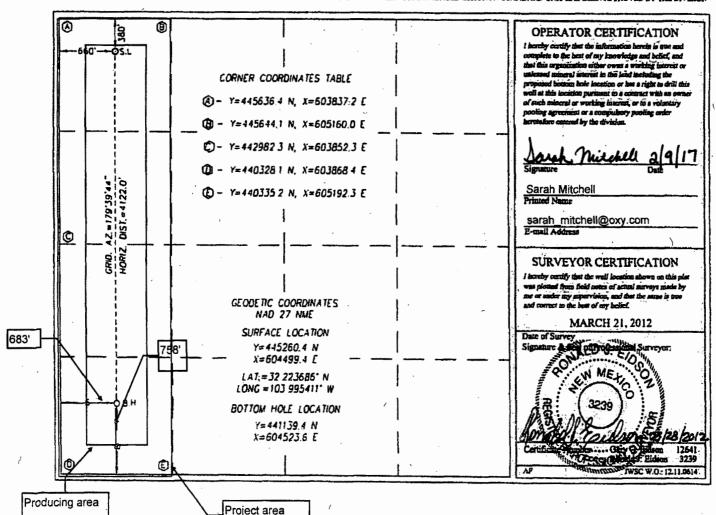
API Number	Pool Code	Pool Name	<del> </del>
30-015-39856	96473	Pierce Crossing, Bone Spring, East	
Property Code 39668		erty Name CANYON 16 State	Well Number
OGRID No. 16696		J.S.A. INC.	Elevation 2927'
-	. Surfa	ce Location	

į	UL or lat No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Foot from the	East/West line	County
	. <b>D</b>	16	24-S	29-E		380	NORTH	660	WEST	EDDY
- 1		l							<u> </u>	

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot ldo	Feet from the	North/South line	Feet from the	East/West line	County
М	16	24-5	29-E		758	SOUTH	683	WEST	EDDY
Dedicated Acres 160	' Joint or Y	Infill C	Consolidation C	ode Ord	ler No.	\	ı		

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



ARTESIA DISTRICT

<u>DISTRICT I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 DISTRICT III 000 Rio Brazos Rond, Azzec, 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 Pax: (505) 476-3462

FEB 1 3 2017 State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION RECEIVED 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

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

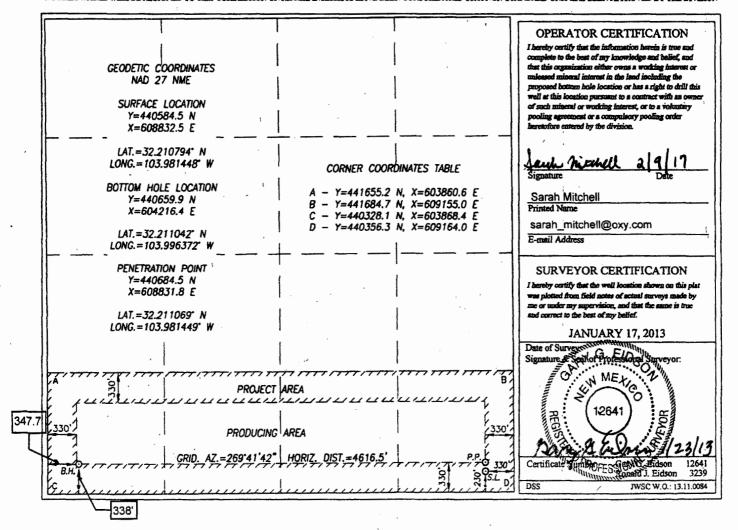
MAMENDED REPORT

1-30-13

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

AF 30-015-41024	API Number Pool Code Pool Name 15-41024 96473 Pierce Crossing, Bone Spring East									
Property Co 39668	ode			16 STATE			Well Number 2H			
OGRID No. Operator Name OXY U.S.A., INC.									Elevation 2928'	
					Surface Locati	ion				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County	
P	16	24-S	29-E		230	SOUTH	330	EAST	EDDY	
				Bottom Hol	e Location If Diffe	erent From Surface			•	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County	
M	16	24-S	29-E		338	SOUTH	347.7.	WEST	EDDY	
Dedicated Acres	Joint or Y	Infill C	onsolidation Co		ler No. op perf- 384 FSL	. 579 FEL, Botton	n perf- 344 FSL	587 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



DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 Phone: (375) 393-6161 Fax: (375) 393-0720
DISTRICT II
BILL STRICT STRICT

State of New Mexico Energy, Minerals & Natural Resources Department DISTRICT

**NM OIL CONSERVATION** 

Form C-102

District Office

Revised August 1, 2011 Submit one copy to appropriate

OIL CONSERVATION DIVISION SEP 2 6 2014 1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

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MAMENDED REPORT As Dar Wed

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

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			Operator Name						Elevation		
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L	16	24-S	29-E		•	<del>58</del>	SOUTH			WEST	County
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RECEIVED

SEP 03 2013

DISTRICT 1 1625 N. French Dr., Hobbs Phone: (575) 393-6161 Pa MMOCD ARTESIA

DISTRICT II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1287 Pax: (575) 748-9720

DISTRICT III 1000 Rio Bridais Road, Aziec, NM 87410 Phone: (505) 334-6178 Fox: (505) 334-6170

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

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

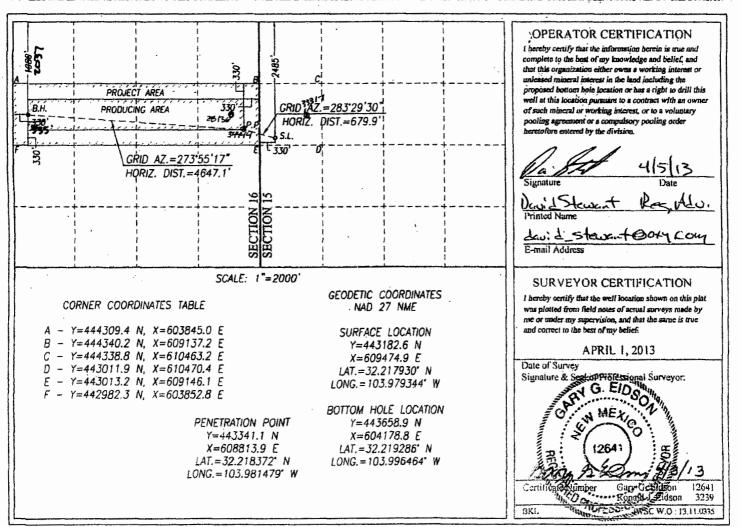
1220 South St. Francis Dr. Santa Fe, New Mexico 87505

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

MENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

Al.	l Number			Pool Code			Pool Nam			
30-015-4	11251		94	Soriu	IN East					
	Property Code Property Name									
39669	39668 CEDAR CANYON 16 STATE									7H
OGRID N					Operator Nam					Elevation
1669	6			(	OXY U.S.A.	INC.				2926
					Surface Locati	on				
UL or let No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
E	15	24-S	29-E		2485	NORTH	330	N	/EST	EDDY
				Bottom Hol	e Location If Diffe	rent From Surface		<u> </u>	<del>,</del>	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
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Dedicated Acres	Joint or	Infill	Consolidation C		er 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										



NM OIL CONSERVATION ARTESIA DISTRICT

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

**NM OIL CONSERVATION** 

ARTESIA DISTRICT RTESIA DISTANDARIA State of New Mexico

Form C-102

Revised August 1, 2011

MAMENDED REPORT

Submit one copy to appropriate

District Office

OIL CONSERVATION DIVISION RECEIVED 20 South St. Francis Dr.

RECEIVED

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-4	11596	Pool Code 96473	PIERCE CROS	SING BONE SPI	RING. E.
Property Code 39668	- 1 TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE T	CEDAR (	Property Name CANYON 16 STATE		Well Number 8H
OGRID No. 16696		ÔX	Operator Name Y U.S.A. INC.	to the grading to a tight of grading	Elevation 2927'

Surface Location

1	UL or lot No.	Section	Township	Range Lot ld	Feet from the	North/South line	Feet from the	East/West line	County
	Α ,	16	24-S	29-E	1040	NORTH	330	EAST	EDDY

As-Drilled 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 WEST	County
Dedicated Acres	Joint or	24-S	29-E onsolidation C	ode Grd	609 BP- 60	NORTH 7 FNL 5811 7 FNL 3311		WEST	EDDY

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

PROJECT AREA	OPERATOR CERTIFICATION  I bereby certify that the information berein is true and
PRODUCING AREA TOP SO PERF. AS-DRILLED WELL PATH PERF.	complete to the best of my knowledge and belief, and that this organization either owns a working interest or mileasod mineral interest in the land including the
339	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 computacry pooling order
330' SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336' C. SL 336	beretafore entered by the division.
BOTTOM HOLE LOCATION BOTTOM PERFORATION TOP PERFORATION NAD 27 NME	11/2/14 Signature Daid
Y=445028.7 N X=604028.4 E Y=445012.0 N X=608553.3 E X=608805.2 E Y=44625.6 N X=608805.2 E	Sanalyn Mendiola Printed Name
LAT.=32.223006 N LAT.=32.221903 N LAT.=32.221903 N LAT.=32.221903 N LONG.=103.996445 W LONG.=103.982307 W LONG.=103.981494 W	jahalyn mendidi Doxy. cum Examil Address
	SURVEYOR CERTIFICATION
CORNER COORDINATES TABLE  A - Y=445636.4 N. X=603837.2 E	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.
B - Y=445667.3 N. X=609128.3 E C - Y=444340.2 N. X=609137.2 E	APRIL 1, 2013
D - Y=444309.4 N. X=603845.0 E	Date of Survey
	₩ ME + 0 Z
NOTE: AS-DRILLED BOTTOM HOLE	Park III - 1 Shahan
DATA PLOTTED FROM OXY PERMIAN  SCIENTIFIC DRILLING, INT'L SURVEY REPORT  JULY 14, 2014	Certifical June 1 Edison 12641
	LSL REL W.O. 13 11 0299 JWSC W.O. 14 13 1224

#### State of New Mexico

Energy, Minerals & Natural Resources Department CONSERVATION to appropriate District Office

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

SEP 25

MENDED REPORT

Form C-102

### WELL LOCATION AND ACREAGE DEDICATION RECEIVED

	PI Number	WEL	L LOCA	Pool Code	AND ACKE	EAGE DEDICA	Pool Nam	e	- 10-1/1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
Property ( 3966			l	96473 CEDA	Property Na	me	OSSING BON	VE SPRING, EA	ell Number
OGRID 1669	No.			-	Operator Na OXY U.S.A			i	9H Elevation 2927'
					Surface Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	24-S	29-E		224	NORTH	350	WEST	EDDY
UL or lot No.	Section	Younghia				If Different From Sur			
		Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
<u> </u>	16	24-S	29-E		124.7	SOUTH	335.6	WEST	EDDY
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
									-
Dedicated Acres	Joint or	Infill C	onsolidation C	ode Ord	ler No.	······································		l	
160	7								
NO ALLOWABLE W	TLL BE ASSIGN	ED TO THIS CO	OMPLETION UN	TIL ALL INTE	RESTS HAVE BEEN	CONSOLIDATED OR A N	ON-STANDARD UNI	THAS BEEN APPROVE	D BY THE DIVISION
350 SL 366 10P PE	330	B. FROM	DTE: AS-DRI P. & B.H. I SCIENTIFIC SURVEY REPO	POINTS PLO DRILLING S	T.P., DITED TANDARD	GEODETIC COORDINA NAD 27 NME SURFACE LOCATIO Y=445414.5 N X=604188.4 E LAT.=32.224113* LONG.=103.996415	I hereby cent complete to that this orgundessed his proposed his well at this in proposed points of such min pooling agree.	ATOR CERTIFI- tify that the information in the best of my knowledge unization either owns a we nearl inserest in the land in toom hole location or has a ocation pursuant to a contrast or working interest, or tennent or a compulsory pe- minered by the division.	erein is true and and belief, and whing interest or scheding the a right to drill this ract with an owner r to a voluntary
	PRODUCING AREA	AS-DRIL WELL P				TOP PERF NAD 27 NME Y=444848.7 N X=604207.7 E LAT.=32.222557 LONG.=103.996358	Signature Jana Printed Na Printed Na Commail A8	Mendida m-mendida	Doxy.com
S PROJECT AREA	330			A -   B -   C -	Y=445644.1 Y=440335.2		I hereby cert was plotted i me or under and correct i	EYOR CERTIFIC ify that the well location is from field ones of actual is my supervision, and that is to the best of my belief.  SEPTEMBER 18, Scal of Professional	bowe on this plat surveys made by the same is true 2013
347,4 BOTTOM 335.6 S	0.000 PER 1.0000 PER 1			X=60 LAI.=32	OM PERF 27 NME 0676.0 N 4213.7 E 2211086 N 03.996381 W	AS-DRILLED BOTTOM HOLE LOCA NAD 27 NME Y=440454.6 N X=604203.2 E LAT.=32.210478' LONG.=103.996417	N Roma Certificate	3239  We have a series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the	Eidson 3239

ARTESIA DISTRICT

Form C-102

Submit one copy to appropriate District Office

Energy, Minerals & Natural Resources Department N 2 0 2015 Revised August 1, 2011 OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

1 (). First St., Admin. NAI 88210 (575) 748-1283 Feb. (575) 748-9720

istrici III 200 Filo Bustino Robel, Astrici, NAM 874/10 100 Filo Bustino Robel, Astrici, NAM 874/10 100 Filo Bustino III (1905) 134/4/1700 100 Filo Bustino III (1905) 134/6/1700 100 Filo Bustino III (1905) 136/1462

State of New Mexico

**RECEIVED** 

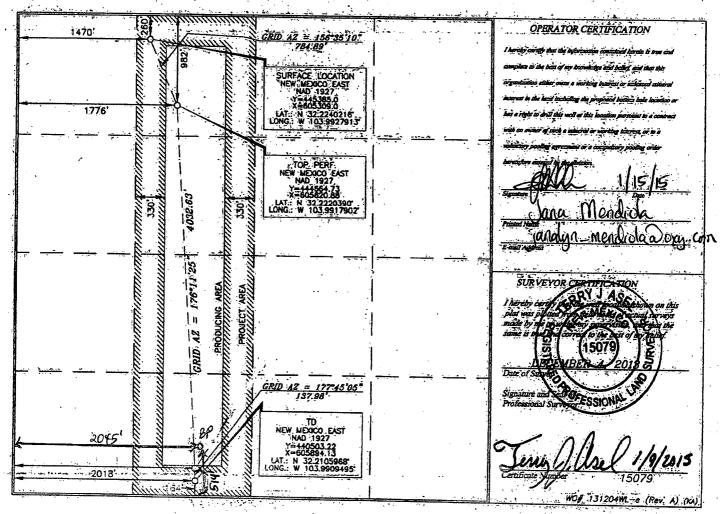
M AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 30-015-42055 96473 PIERCE CROSSING BONE SPRING, EAST Property Code Well Number 39668 CEDAR CANYON "16" STATE 10H OGRID No. Elevation 16696 OXY USA INC 2926. Š

Surface Location

UL or lot no. Township North/South line Feet from the County 16 24 SOUTH 29 EAST, N.M.P.M. 260" NORTH WEST 1470' ÊDDY Bottom Hole Location If Different From Surface UL or lot no. Section Township East/West lin 18 24 SOUTH 164 SOUTH 2018 WEST EDDŸ Dedicated Acres Joint or Infill 1P- 982 FNL 1746 FWL -160 YES BP- 514 FSL 2045 FWL

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



ARTESIA DISTRICT

FEB 1 3 2017

Form C-102

1023 M. Francis Dr., Biobin, Nul 80340 Phone: (773) 953-4161 Par.: (775) 953-0720 Phone: 617 811 S. Freet St., Armeris, Nul 88210 Phone: (773) 748-1283 Par.: (773) 748-9720 Denicio III 1000 Rio Binanca Road, Aston, Nul 87410 Phone: (705) 334-4178 Par.: (705) 334-4170 Dignict IV 1220 S. St. Pannels Dr., Santa Fa, Nul 87505 Phone: (705) 476-3460 Par.: (705) 478-3462 State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION RECEIVED

1220 South St. Francis Dr.

Santa Fe, NM 87505

Revised August 1, 2011 Submit one copy to appropriate District Office

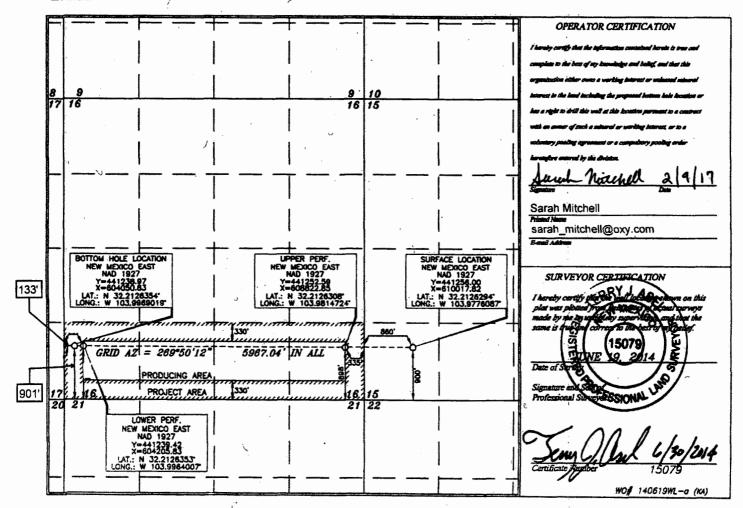
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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	API Number 30-015-42683	Pool Code Pool Name 96473 Pierce Crossing, Bone Spring, East	1
	Property Code 39668	Property Name CEDAR CANYON "16" STATE	Well Number 12H
	OGRID No. 16696	Operator Name	Elevation
1	10090	OXY USA INC.	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 24 SOUTH 15 29 EAST, N.M.P.M. 900 SOUTH 860' WEST EDDY Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Feet from the North/South line Feet from the East/West line County 901 16 24 SOUTH 29 EAST, N.M.P.M. SOUTH WEST **EDDY Dedicated Acres** Joint or Infill Consolidation Code 160 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.



ARTESIA DISTRICT

Datrict I
1625 N. French Dr., Hobba, NM 88240
Phone: (573) 997-6161 Pax. (575) 993-0720
Dights II.
817 S. French St., Arteun, NM 88210
Phone: (573) 744-1211 Fax. (575) 748-9720
Dights III.
1000 Ro. Brance Road, Astec, NM 87410
Phone: (503) 334-6178 Fax. (505) 334-6170
Dights IV.
1220 S. St. French Dr., Saus Fa, NM 87505
Phone: (503) 476-3460 Fax. (505) 476-3462

MAR 01 2017 State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION RFCEIVED 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☑ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

_			E ECCITION MIND M	ALLAGE DEDICA	TIONILLI	11	
ſ	API Numbe	r	Pool Code		Pool	Name	
	30-015-438	44	98220	Purple	Sage	Wolfce	amp
ſ	Property Code		Prop	rty Name			Well Number
L	39468		CEDAR CANY	ON "16" STATE			33H
I	OGRID No.		Open	tor Name			Elevation
	16696		OXY U	SA INC.		_	2927.3'

Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North South line Feet from the East/West line County 24 SOUTH 29 EAST, N.M.P.M. 402 NORTH 16 1123 EAST EDDY Bottom Hole Location If Different From Surface UL or lot no. Section Township Range Lot Idn Feet from the East/West line County North/South line Feet from the

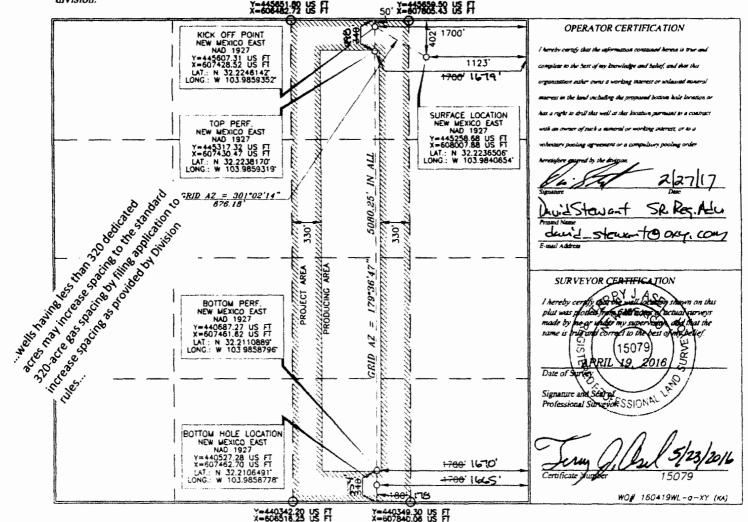
UI. or lot no. Section Township Range Lot leth Feet from the North/South line Feet from the East/West line County

O 16 24 SOUTH 29 EAST, N. M. P. M.

Dedicated Acres Joint or Infill Consolidation Code Order No. Bottom Feet - 354 FSC 1670 FEC

Top feet - 498 FNL 1679 FEC

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.



Detrict I
1623 N. French Dr., Hobbs. NM 88240
Phate: (373) 993-4161 Fax: (373) 993-0720
Destrict II
811 S. First St., Armens, NM 88210
Phate: (373) 748-1283 Fax: (573) 748-0720
Destrict III
1000 Ris Braune Road, Arme, NM 87410
Phate: (303) 334-6178 Fax: (303) 334-6170
Destrict IV
1220 S. St. Frenchs Dr., Santa Fa, NM 87362
Phate: (303) 476-3460 Fax: (303) 476-3462

API Number

State of New Mexico ARTESIA DISTRICT
Energy, Minerals & Natural Resources Proparty 1017
OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

RECEIVED

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code

Pool Name

Pur Ole Score IN Olf Comp

98220 Wolfer 30-015-43843 Property Code Property Name Well Number 39668 34H CEDAR CANYON "16" STATE OGRID No. Operator Name Elevation OXY USA INC. 16696 2927.3

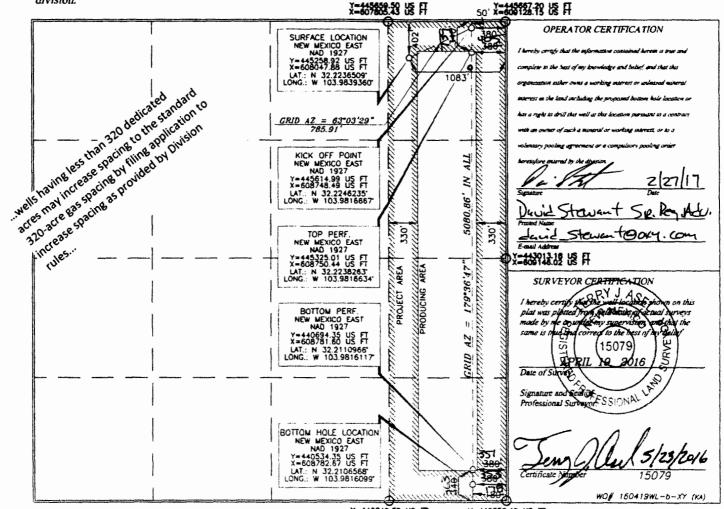
Surface Location

| UI. or lot no. | Section | Township | Range | Lot ldn | Feet from the | North/South line | Feet from the | East/West line | County |
| A | 16 | 24 | SOUTH | 29 | EAST, N.M.P.M. | 402' | NORTH | 1083' | EAST | 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
P	16	24 SOUTH	29 EAST, N.L	1. P. M.		<i>180⁴</i> 178	SOUTH	<del>380'</del> 353	EAST	EDDY
Dedicated	Acres	Joint or Infill	Consolidation Code	Order No.	Both	on Pent	- 363 FS	L 351 F	EC	
160	>	N			TOP	Pent	- 735 FM	11 405	FEC	

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.



Y=440349.30 US FT X=607840.06 US FT Y=440358.40 US FT X=609163.38 US FT DISTRICT I
1625 N. Freinch Dr., Hobbs, NM 89240
Phone: (575) 393-6161 Fax: (575) 393-6720
DISTRICT II
311 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazus Road, Azice, 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

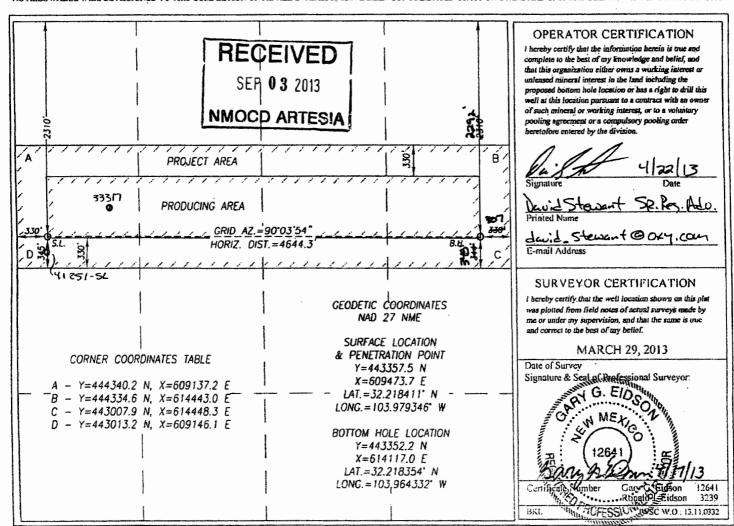
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

MAMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

	l Number			Pool Code			Pool Name				
30-015-	4/29	9/	96	19473 Pierce Chossing Bone Spri				pring, E	ast		
Property Co					Property Name		,		Well Number		
39046	39046			CEDA	AR CANYO	N 15 🕾			4H		
OGRIDN	OGRID No.				Operator Name	•			Elevation		
1669	6			C	XY U.S.A.	INC.			2926'		
				3	Surface Locati	on	,				
UL or lot No.	Section	Township	Kange	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
E	15	24-S	29-E		2310	NORTH	330	WEST	EDDY		
<u></u>				Bottom Hole	e Location If Diffe	rent From Surface					
UI. or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	Fast/West line	2 County		
н	15	24-S	29-E		裁数	NORTH	330-	EAST	EDDY		
Dedicated Acres	Joint or	Infill (	Consolidation C	ode Ord	er No. 2257	FNL 494	FEL				
160	M					·			•		

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



#### State of New Mexico

DISTRICT I , 1625 M. FRENCE DR., BOBBS, NM 88240

Energy, Minerals and Natural Resources Department

DISTRICT II

DISTRICT IN

1301 W. GRAND AVENUE, ARTESIA, NW 86218

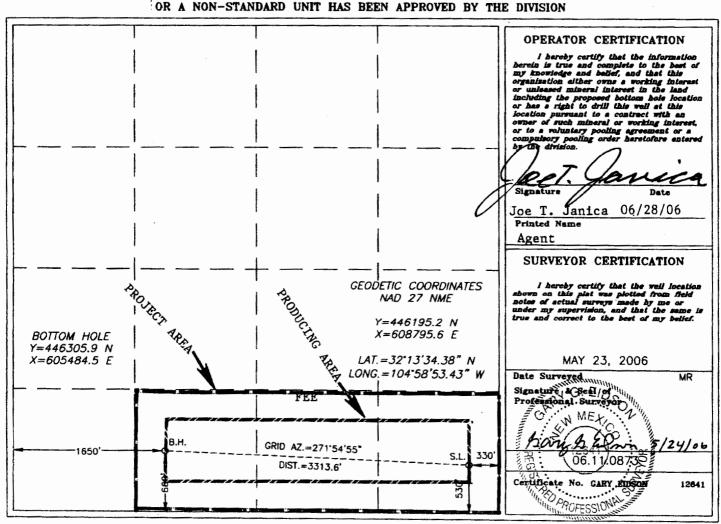
1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised October 12, 2005 OIL CONSERVATION DIVISION Submit to Appropriate District Office

DISTRICT III 1000 Rio Brazos Bd., Aztec, NM 87410 State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT IV 220 S. St. FRANCIS I	DR., SANTA PR.	NM 67506	WELL LO	CATION	AND ACREA	GE DEDICATION	ON PLAT	□ AMENDI	D REPORT
API	Number			Pool Code	(473)	PIERCE CROSSI	Pool Name NG-BONE SPR	ING East	
Property	Code				Property Nam HARROUN			Well Num	iber
OGRID No. 017891				POGO	Operator Name PRODUCING			Elevation 2939	
					Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Rast/West line	County
Р	9	24-S	29-E		530	SOUTH	330	EAST	EDDY
			Bottom	Hole Loc	ation If Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	9	24-S	29-E		660	SOUTH	1650	WEST	EDDY
Dedicated Acre	s Joint o	r Infili Co	nsolidation (	Code Or	der No.	•			
120				1					

## NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED



<u>District I</u>
1625 N. French Dr., Hobbs, NJA \$2240
Photoe: (573) 393-6161 Pat: (575) 393-0720
<u>District II</u>
811 S. Fistl St., Artesia, NJA \$8210
Photo: (575) 748-1280 Fat: (575) 748-9720
<u>District III</u>
1000 Rio Branca Road, Astor, NJA \$7410
Photo: (505) 134-6178 Fat: (505) 314-6170
<u>District IV</u>
1220 S. S. Phateis Dr., Santa Fe, NJA \$7505
Photo: (505) 476-3460 Fat: (505) 476-3462

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

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

☐ AMENDED REPORT

WO# 130521WL-a (Rev. A) (KA)

			W	ELL LOCA	TION AND	ACREA	GE D	EDICATIO	N PLAT			
	API	Number	ULICE		ool Code				Pool Name			
30-015	; <b>-</b>	4	1488	964	<del>(</del> 73	P:	erce	Crossin	~ Bone s	Sprin	S. E	ast
Property		t	( ( ) -			Property Nan	e		<del></del>	,	W	ell Number
3018	મ (				HARRO	UN_"9"	· ;					3H
OGR/I						Operator Nan					L	Elevation
166	94				OXY	USA I	NC.				29	933.2'
					Surfa	ce Loca	tion					
JL or lot no. S	ection	Tow	nship	Rang	re	Lot Ida Fee	t from the	North/South line	Feet from the	East/W	est line	County
P	9	24 S	OUTH	29 EAST,	N. M. P. M.		200'	SOUTH	550'	EAS	T	<b>EDDY</b>
				Bottom F	Iole Location	n If Dif	ferent l	From Surfac	:e			
TL or lot no. S	ection	Tow	nship	Rang	e	Lot Ida Fee	t from the	North/South line	Feet from the	East/W	est line	Сошту
M	9	24 S	OUTH	29 EAST,	N. M. P. M.	}	350'	SOUTH	350'	WES	r	<b>EDDY</b>
Dedicated A	Lcres	Joint o	r Infili	Consolidation Code	e Order No.			L	il			
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DISTRICT I P.S. See 1980, Mobbs, RM 88241-1980

# State of New Mexico Burg, Hinerals and Setural Securior Department

Form C-102 Bevised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies For Lease - 3 Copies

DISTRICT II P.O. Brewer DB, Arteria, No. 86211-0719

DISTRICT III 1000 Blo Brazon Rd., Astec, NM 57410

OIL CONSERVATION DIVISION P.O. Box 2088

DISTRICT IV P.O. BOX 2008, SANTA PE, N.M. 87504-2008 Santa Fe, New Mexico 87504-2088

AMENDED REPORT

		,	WELL LO	CATION	AND ACREA	GE DEDICATI	ON PLAT		
API	Number			Peat Cede	$\rho$	ERCE CROS	Pool Name	E SPHINGS	)
Property	Code			HAS	Property Name ROUN 10	•		Well Num	ber
0118	ĝ,			POGO	Operator Name PRODUCING			Elevation 2944	-
					Surface Loca	tion			
UL or lot No.	Section	Township	Range	Lot Ma	Feet from the	North/South line	Feet from the	East/West Noe	County
N	10	24 S	29 E		660	SOUTH	2310	WEST	EDDY
			Bottom	Hole Loc	ation If Diffe	rent From Sur	face		
VL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	2 Joint o	e Infill Co	nsolidation (	Code Ore	der 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								TED	
							I hereby contained herein	R CERTIFICAT y certify the the in a is true and compi	formation

OPERATOR CERTIFICATION  I hereby certify the the information
contained herein is true and complete to this
best of my knowledge and ballef.
Janus M. C. Rething
Suparre Mic Pikhie.
Printed Name
AGANT
7-26-98
Date
SURVEYOR CERTIFICATION
i hereby certify that the well location shown 2938.2' 2942.0' on this plat was plotted from field notes o
actual surveys made by one or under m
correct to the best of my batter.
DETAIL JULY 23, 1998
Date Supering DMC
Projectional Surveyoo
SEE DETAIL
2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310' 2310'
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Certificace No. Bonis De FEIDSON 323

Submit 3 Copies to Appropriate District Office

CONDITIONS OF APPROVAL, IF ANY:

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

<u>DISTRICT I</u> P.O. Bax 1980, Hobbs, NW 88240	OIL CONSERVATIO	ON DIVISION	WELL API NO	
DISTRICT II P.O. Drawer DD, Arlesia, NM 86210	Santa Fe, NM 8	7505	30-015-3037 sindicate Type of Lease	)
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			-State Oii & Ges Lease	STATE FEE XX
(DO NOT USE THIS FORM FOR PROF DIFFERENT RESERV	CES AND REPORTS ON WELPOSALS TO DRILL OR TO DEEPEN (OIR. USE "APPLICATION FOR PEI 01) FOR SUCH PROPOSALS.)	OR PLUG BACK TO A	zLease Name or Unit A	greement Name
Type of Well: OIL GAS WELL X WELL	OTHER	RECEIVED	Harroun 10	
Name of Operator Pogo Producing Company		FEB 2 6 2004	sWell No.	
sAddress of Operator P. O. Box 10340, Midla		OCD-ARTESIA	Pool name or Wildcat Cedar Canyo	on Delaware
Well Location Unit Letter N : 660	Feet From The South	Line and2310	Feet From The	West Line
Section 10	Township 24S	Range 29E	NMPM Eddy	County
	wElevation (Show whether DF, 2944   GR	RKB, RT, GR, etc.)		
11 Check Ap	propriate Box to Indicate N	ature of Notice Po	port or Other D	oto .
NOTICE OF INT	•		SEQUENT REF	
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PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	Щ.	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING C	PNS.	PLUG AND ANBANDONMENT
PULL OR ALTER CASING		CASING TEST AND CEM	ENT JOB	
OTHER:		OTHER: Add De	laware Perfs	XX
aDescribe Proposed or Completed Operations	(Clearly state all pertinent details, and give	e pertinent dates, including e.	stimated date of starting a	any proposed
work) SEE RULE 1103.				
02/05/04 TOH w/ rods. 02/06/04 TOH w/ tbg. Perf Dela 02/09/04 Acdz w/ 1200 gals 7-1/ 02/13/04 Frac 4854-5051 (OA) v 02/19/04 Return well to producti	2% acid. Swab. n/ 45,500# 16/30 Ottawa + 45,50	- ·	at RBP @ 5195. Te	st to 3000# ok.
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44.5 A.1 A.35			102	AT APPLICATION OF THE
I hereby certify that the information above is t	rue and complete to the best of my knowle	- 1		Wared Caro
SIGNATURE Office UL	ught 1	TILE Sr. Operat	ion Tech	DATE 02/24/04
TYPE OR PRINT NAME Cathy Wrig	ht_	432-	-685-8100	TELEPHONE NO.
(This space for State Use)				
APPROVED BY	OR RECORDS ONLY	rme		FEB 2 7 200

DISTRICT I P.O. Box 1980, Mobbs, NM 86941-1980

#### 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 Foe Lease - 3 Copies

DISTRICT II P.O. Brawer DD, Artesia, NK 86211-0719

DISTRICT III

#### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

1000 Bio Brance Rd., Astec, NM 57410 DISTRICT IV P.O. BOX 3088, SANTA PR, N.M. 87604-8088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name				
	11540	CEDAR CANYON -DELAWAR	E			
Property Cods	Prop	Property Name				
23616	HARRO	HARROUN "10"				
OGRID No.	Oper	Operator Name				
17891	POGO PRODUC	CING COMPANY	2947'			

#### Surface Location

١	UL or let No.	Section	Township	Range	Lot Idn	Feet from the	North/South Has	Feet from the	East/West line	County	ı
	М	10	24-S	29-E		660	SOUTH	990	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 40	Joint or	Infill C	onsolidation	Code Or	der 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 incubalge and belief.  Signature  Joe T. Janica  Printed Name  Agent  Title  04/16/01
		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 supervisor, and that the same is true and correct to the best of my belief.
990,——0		APRIL 10, 2001  Date Surveyed  Signature & Sext of / Professional Surveyer  On 11-0427  Certificate No. BONALE I. EDSON 3230 4187 EDGOR 12841

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

23616

017891

1220 S. St. Francis Dr., Santa Fe, NM 87505

API Number

30-015-32617

⁴ Property Code

OGRID No.

#### State of New Mexico

Energy, Minerals & Natural Resources Department

#### OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

⁵ Property Name

* Operator Name

² Pool Code

11540

Pogo Producing Company

Harroun 10

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

2959

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Fee Lease - 3 Copies

Well Number

Elevation

WELL LOCATION AND ACREAGE DEDICATION PLAT

Cedar Canyon Delaware

Pool Name

					¹⁰ Surface 1	Location			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	245	29E		2310	South	990	West	Eddy
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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	İ								
12 Dedicated Acre	s 13 Joint o	r Infill 14	Consolidation	Code 15 Or	der No.	<u> </u>	<u>l</u>		
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							and complet	te to the best of my knowl	ledge and belief.
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				1			Date		
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1/11	111	<b></b>							
1- ago'		<b>y</b>					"SUR	VEYOR CER	<b>FIFICATION</b>
	6	<b>Y</b>					I hereby ce	rtify that the well location	t shown on this plat was
r	i i	<b>)</b>					ploned from	n field notes of actual sur	veys made by me or under
ľ	ı	1		ŀ			my supervis	sion, and that the same is	true and correct to the
<b>k</b> .	2310	X.					best of my	belief.	
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DISTRICT I P.O. Bez 1980, Hobbs, NK 58241-1980

#### 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 BD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Astec, NM 87410

#### OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV

O. Box 2068, Santa	. Fe, NM 675		WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT					
API 1	Number		ł -	Pool Code	<i>F</i>	POOL Name PILILE CROSSING, BONE SPINGS E.						
Property Code					Property Nex HARROUN	ae		Well Nun	aber			
OGRID No. Operator Name Elevation 01789/ POGO PRODUCING COMPANY 2939								on.				
					Surface Loc	ation						
UL or lot No.	Section 15	Township 24 S	Range 29 E	Lot ldn	Peet from the	North/South line	Feet from the	East/West Hine WEST	County			
1		213		Hole Loc		erent From Sur		1 11231	2001			
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County			
Dedicated Acres	Joint or	r Infill Co	ensolidation (	Code Or	der No.		1	l	L			
NO ALLO	WABLE W					UNTIL ALL INTER		EEN CONSOLIDA	ATED			
19	980'		330,				I heret contained heret best of my kno	OR CERTIFICA' by cortify the the in in is true and compi uladge and belief.  W.C. Rott	formation lete to the			

TAMES M.C. Ritchie In 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 supervisors and that the same to true and correct to the best of my belief. DECEMBER 18, 1997 Date Surveyed JLP Signature & Seal of Professional Surveyor 2017 12-22-97 ² W.O. Wum. 97−11÷2064 Certificate No. RONALD & EDSON, GARY G. EDSON, MACON MCDONALD. 3239 12641 12165

CONDITIONS OF APPROVAL IF ANY:

DISTRICT I P.O. Box 1980, Hobbs, MM 88241-1880

#### State of New Mexico

Shergy, Minerals and Natural Baseurose Separtment

Form C-102 Bavised February 10, 1994 Submit to Apprepria least of Office

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DISTRICT II P.O. Seawer BD, Artesia, NM 86211-0719

DISTRICT III 1000 Bio Brazos Rd., Artec, NM 87410

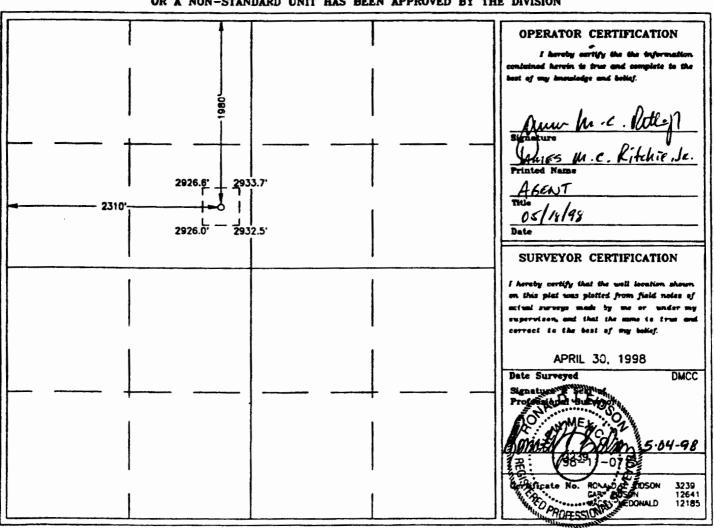
DISTRICT IV P.O. BOX 2008, SANTA PR. N.M. 87504-2008 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACDEACE DEDICATION DIAT

AMENDED REPORT

			WELL LO	CATION	AND ACKE	O DEDICATI	ON PLAN	· Calina				
API	Number			Pool Code	1.	A THICK CIO	Hame		N)			
Property 1756	_				Property Name HARROUN 1			Well Num	Well Number 8			
	OGRID No.  C17691  POGO PRODUCING COMPANY						Elevation 2930					
					Surface Loc	tion						
UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/Vest line	County			
F	15	24 5	29 E		1980	NORTH	2310	WEST	EDDY			
	Bottom Hole Location If Different From Surface											
UL or lot No.	Section	Township	Bange	Lot idn	Feet from the	North/South line	Feet from the	East/Vest line	County			
Dedicated Acre	Joint o	r Infili Co	nsolidation	Code Or	der 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



Submit 3 Copies to Appropriate District Office

#### State of New Mexico Energy, Minerals and Natural Resources Department

	π C-103 ised 1-1-89
--	------------------------

DISTRICT | P.O. Box 1980, Hobbs, NM 88240

CONDITIONS OF APPROVAL, IF ANY:

# OIL CONSERVATION DIVISION 2040 Pacheco St. Santa Fe, NM 87505

WELL API NO.	•	
30-015-30253		
Indicate Type of Lease		
	STATE	

********		Sa	anta Fe, NM	8/505				
DISTRICT II P.O. Drawer DD, Artesia, NM 8	38210		•			sIndicate Type of Lea	F	
DISTRICT III 1000 Rio Brazos Rd., Azlec, N	M 87410					«State Oil & Gas Lea	STATE	FEE
(DO NOT USE THIS FO	RM FOR PROPORENT RESERVO	ES AND REPO DSALS TO DRILL DIR. USE "APPL 1) FOR SUCH P	LOR TO DEEPE ICATION FOR P	N OR PLUG BA	ACK TO A	rLease Name or Uni	t Agreement Name	
Type of Well: OfL WELL	GAS WELL		OTHER	Ÿ				
aName of Operator Pogo Producing Comp	any /	•			osi.	aWell No. 8		
Address of Operator P. O. Box 10340, Midla	and, TX 79702	-7340		- Rite of	HI ELUHIY	«Pool name or Wildo Cedar Canyon		
4Well Location Unit LetterF	: 1980 Fe	set From The	North	Line and	2310	Feet From The	West	Line
Section	15	Township	248	Range	29E	NMPM	Eddy Cou	nty
		«Elevatio 2943' K	n (Show whether D B	F, RKB, RT, GR, (	etc.)			
11	Check App	ropriate Box	to Indicate I	Nature of N	otice. Re	port, or Other	Data	
NOTIC	, ,	ENTION TO				SEQUENT R		
PERFORM REMEDIAL WORK		PLUG AND A		REMEDIAL			ALTERING CASING	
TEMPORARILY ABANDON	· L	CHANGE PL	ans [		DRILLING O	PNS.	PLUG AND ANBANDOR	 ∏ MENT
PULL OR ALTER CASING		0.01.02.	L	<b>-</b>	ST AND CEME		. 200711071100	
OTHER:				OTHER: A	dd Delawa	re Pay		🛛
2Describe Proposed or Compwork) SEE RULE 1103.	eleted Operations (	Clearly state all per	tinent details, and g	ive pertinent date	s, including es	stimated date of startin	g any proposed	
02/27/01 POH w/ rods	s & pump. Rel	ease RBP @ 54	400' & repositio	n to 5116'. Te	st to 3000#	ok.		
02/28/01 Perf Delawa	re 5074'-78' w	2 spf. Acdz w	1000 gals 7-1/	2% HCL NeFe	e. Swab.			
03/01/01 Release RB	P @ 5116' & re	eposition to 505	0'. Test RBP to	3000# ok. P	erf Delawa	re 4903'-4930' w/	1 spf.	
03/02/01 Acdz 4903'-	4930' w/ 1000	gals 7-1/2% HC	L NeFe. Swat					
03/03/01 Release RB	P @ 5050' and	reposition to 4	805'. Test RBF	to 3000# ok.	Perf Delay	vare 4660'-66' & 4	726'-30' w/ 2 spf.	
03/04/01 Acdz 4660'-	66' & 4726'-30'	w/ 1000 gals 7	-1/2% HCL Nel	Fe. Swab.				
03/06/01 Release RB	P @ 4805'. TI	H w/ rods & pui	mp.					
03/07/01 Put well on	production.							
I hereby certify that the infor	mation above is to	e and complete to	the best of my know	vledge and belief.				
SIGNATURE (	y In	rbal.		TITLE Operati	on Tech		DATE 03-08-01	
TYPE OR PRINT NAME Cath	y Tomberlin		- AX				TELEPHONE NO. 915-68	35-8100
(This space for State Use)	ORIGINA	il <b>M</b> ened 8	Y TIM W. GI	124			MAR 1	3 2001
APPROVED BY	DISTRIC	T H SUPERV	MOR	TITLE			DATE	

District [

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 Department

### OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office RECEIVED State Lease - 4 Copies

MAY 2 4 2005 Fee Lease - 3 Copies

OCU-ALITEDIAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Numbe		'Pool Name			
30-015-32620	11540				
Property Code	Harroun 15	roperty Name	'Well Number		
OGRID No.	'0	perator Name	' Elevation		
017891	Pogo Producing Company		2930'		

¹⁰ Surface Location Feet from the North/South line UL or lot no. Section Township Range Lot Idn Feet from the East/West line County 29E North 15 24S D 750 Eddy West 11 Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Feet from the North/South line Feet from the East/West line Range County 12 Dedicated Acres 13 Joint or Infill " Consolidation Code 15 Order No. 40

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A

NO NO	NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION									
16		¹⁷ OPERATOR C	CERTIFICATION							
099		I hereby certify that the informa	ation contained herein is true							
Y 7 Y		and complete to the best of my	knowledge and belief.							
-750'- <i>ò</i>		Cathy	llight							
<b>f</b>		Signature U	U I							
£ * * *		Cathy Wright								
		Printed Name								
		Sr. Eng Tech								
		Title and E-mail Address								
		05/23/05								
	1	Date								
		¹⁸ SURVEYOR C	ERTIFICATION							
1		I hereby certify that the well k	ocation shown on this plat was							
		plotted from field notes of acti	ual surveys made by me or under							
		my supervision, and that the s	ame is true and correct to the							
		best of my belief.								
		Date of Survey								
		Signature and Seal of Profession	nal Surveyor:							
		Certificate Number								

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

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

DAMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

(ADVA)	٠٠٠. ناريد.	L LOCA	·	HID ACIO	AGE DEDIC	7110	<u> </u>		
30-015 - H2	150	۵.	Pool Code			\ . ·	Pool Name		_
Property Code	130	-14	238	Property Nam		() ~~ (	2 001	e Sprin	
			CED	AR CANYO	N 17			W	ell Number 1 H
OGRID No.			1	Operator Name OXY U.S.A.			Elevation 2928'		
				Surface Locat	ion	···	<del> </del>		<del></del>
UL or lot No. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/West line	County
A 17	24-S	29-E		1150	NORTH		150	EAST	EDDY
			Bottom Ho		erent From Surface				<u> </u>
UL or lot No. Section	Township	Range	Lot ldn	Feet from the	North/South line		from the	East/West line	County
E 17	24-S	29-E		1980	NORTH		350	WEST	EDDY
		· · · · · · · · · · · · · · · · · · ·		enetration Point I					
UL or lot No. Section	Township	Range	Lot Idn	Feet from the	North/South line		from the	East/West line	County
H 17	24-S	29-E		1671	NORTH '	- 1	980	EAST	EDDY
Dedicated Acres Joint	or Infill C	onsolidation C	ode Ord	er No.	<del></del>				<del>"</del>
160 x	7		1						
NO ALLOWABLE WILL BE ASS		MPLETION UI	VTIL ALL INTE	RESTS HAVE BEEN	CONSOLIDATED OR A	NON-STA	NDARD UNI	T HAS BEEN APPROV	ED BY THE DIVISION
A 4	T			ВІ		16	* * * * * * * * * * * * * * * * * * * *		
	į		!	O ₁	<b>1</b> ·		OPER	ATOR CERTIF	ICATION
	1			-				tify that the information the best of my knowledg	
	1					50-	that this org	anizacion either owns a v	vocking interest or
	1		1	-	1	7		neral interest in the land strom hole location or ha	
108			GRID AZ.=	238'00'24"	167		well at this !	location pursuant to a cor	otract with an owner
61			HORIZ. D	ST.=975.1	S.t	4		eral or working interest, coment or a compulsory	
			ļ	. É		07 150		ntered by the division.	
H	0	<del>''''''</del>	777777	777777777	March 1	TO 1			
	1 B		PROJE	CT AREA	P.P.	7	1/2	Sal	2 (6 (14) Date
	1		17377	1111111111	<del>~~~</del>	280'-4	Signature		Date
B.H.	GRID AZ.=2 HORIZ. DIST	65'51'17"	PRODUCING AREA			31	1 1		
330'	HORIZ. DIST	:=3974.5	1		330'		Printed No	ame	<del></del>
ال لاددودودود	um	411111	Viin	muni	min	1	Printed Name  dav. 2 stournt source  dav. 2 stournt cox1.0		
C	330		1	1		E-mail Address			
CHARLES CANAL	200000	1111111	uu	uning	11111111111	المنت		<del></del>	
	 	_	1	1.			SURV	EYOR CERTIF	ICATION
A - Y=445665.1	DINATES TABL			GEODETIC CO				tify that the well location	
B - Y=445643.6				NAD .27	NML	1		from field notes of actua my supervision, and tha	
C - Y=445636.4	N, X=60383	7:2 E	1	SURFACE L	OCATION	-		to the best of my belief.	
D - Y=444309.4 E - Y=444316.3			1	Y=44448				SEPTEMBER 20	
G - Y=443009.6			1	X=60369	14.U L		Date of Su	NEK committees.	
H - Y=444337.4	N, X=598548	8.6 E	<u> </u>	LAT.=32.22	1569° N	, 1	Signature	MEX.	Surveyor.
F - Y = 442982.3	N, $X = 603852$	2.8 E	LONG. = 103.998023 W				Signature	MEO	i vi
	TION POINT		BOTTOM HOLE LOCATION					WEA CO	
NAD ,	27 NME		ľ	Y=44368					
Ý=443	971.0 N		i	X=59890		1.	/過:	(12641)	S. III
	2867.2 E		1					10 10 h	Đẫu l
(AT : 70	annier N			LAT.=32.21 LONG.=104,0			Certifical	Number Gary	Eidson 12641
1.1	220156°N 4.000702°W		1	2011010430	1.3323. 11		J	HOFESSION OF THE	
1	1200,02 "		<u> </u>				ACK REL	Mr gootkiet, O.M.	SC W.O.: 14:13.0080

District [

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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

grade the grade of the

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised June 10, 2003

Submit to Appropriate District Office

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Fee Lease - 3 Copies

X AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Numbe		² Pool Code	' Pool Name				
30-015- 33.	<b>3</b> 17	96473	Pierce Crossing Bone Spring East	st			
⁴ Property Code		* Well Number					
17565	Harro	Harroun 15					
OGRID No.		'0	' Elevation				
017891	Pogo	Producing Company		2928'			

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
E	15	245	29E		1980	North	990	West	Eddy

11 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			
G	15	245	29E		1980	North	1650	East	Eddy			
¹³ Dedicated Acres   ¹³ Joint or Infili   ¹⁴ Consolidation Code			Code 15 Or	der No.								
120												

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A

NON-STAI	IDARD UNIT HAS BEI	EN APPROVED BY TH	IE DIVISION
16	1		¹⁷ OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true
1980	1980		and complete to the best of my knowledge and belief.
0'	ŏ.		Cashy Whilet
,	1		Signature ( )  Cathy Wright
			Printed Name
	1	,	Sr. Operation Tech
0001	1	1.550	Title and B-mail Address
990' <b>o</b> Surface	Bottom Hole	— — 1650' — — <del>&gt;</del>	08/09/04
Location	Location		Date
		<b>T</b> .	
			18SURVEYOR 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
	RE	¢EIVED	my supervision, and that the same is true and correct to the
	AUA	6 1 0 2004	best of my belief.
	900	ARTESIA	Date of Survey
			Signature and Seal of Professional Surveyor:
			Į.
			1
		1	
			Certificate Number

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 Department

#### OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

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☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Numbe	r Pool Code	' Pool Name	
30-015-33823	96473	Pierce Crossing Bone Spring	East
' Property Code		roperty Name	'Well Number
17565	Harroun 15		16
'OGRID No.	-	perator Name	2026 Elevation
017891	Pogo Producing Company		2926

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line		East/West line	Coun	iy
L	15	24\$	29E		1980	South	330	West	Eddy	

11 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
J		15	24S	29E		1 <b>9</b> 80	South	1650	East	Eddy	
12 Dedicate	ed Acres	13 Joint of	r Infill 14	Consolidation	Code 15 Or	der No.					
120	)										

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

16	<b>R</b> E	CEIVED B 2-4 2005 水内计算学域	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature  Cathy Wright
			Printed Name Sr Eng Tech  Title and E-mail Address  2/23/05  Date
330 SHL	BHL	_ 1650' <del>}</del>	18 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.  Date of Survey
- 1980'	<b>←</b> - 1980'		Signature and Seal of Professional Surveyor:  Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 Department SEP
OIL CONSERVATION DIVISION
OCO RECE
1220 South St. Francis Dr. Ap.

Form C-102
Revised October 12, 2005
mit to Expropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, NM 87505

1,	API Numbe	г	ļ	² Pool Coo	ie		3 Pool Na	me				
3	0-015-33822		1	96473	Pierce Crossing Bone Spring East							
⁴ Property (	Code				⁵ Property Name Well Number							
17565	ĺ				Нагтопп	15		ĺ		17		
'OGRID	No.				⁸ Operator	Name			,	Elevation		
017891					Pogo Producing	Company		1		2927'		
					10 Surface	Location						
UL or lot po.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	rt line	County		
М	15	24S	29E		660	South	330	Wes	t	Eddy		
			11 Bo	ottom H	ole Location I	f Different From	m Surface		L			
UL or lot so.	Section	Township	Range	Let ldn	Feet from the	North/South line	Feet from the	East/Wes	st line	County		
0	15	245	29E		661	South	1679	East	١	Eddy		
² Dedicated Acres	13 Joint o	r Infili 14 C	ousolidation	Code 15 C	order No.				<u>-</u>			
120												

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.

16			CONFI	DENTIAL	17 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 emered by the division.
					Signature Date  Cathy Wright Printed Name
		Project Area			18 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.
	<del></del>		/ / / / / / / / / / / / / / / / / / / /		Date of Survey Signature and Seal of Professional Surveyor:
330'		Producing Area	BHL C	1679*	
1			99 1		Certificate Number

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 Phone: (3/5) 393-6161 Fax: (3/5) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (375) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (305) 334-6178 Fax: (305) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fc., 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

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

MAMENDED REPORT As Drilled

JWSC W.O.: 13.11.0085

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

		** LL.	L LOCI	110117			1110111	1271		
1	Number	27		Pool Code Hつう	0.	C4.		ol Name	Z	<u> </u>
30-0(5) Property C			14	-(1)	Property Name	ierce Cros	SING D	one?	DOVI US 1	I Number
390				CEDA	AR CANYO					2H
OGRID N	lo.				Operator Nam				1	Elevation
1669	6			(	OXY U.S.A.,	INC.				2927'
					Surface Locati	on				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from		East/West line	County
M	15	24-S	29-E		170	SOUTH	360		WEST	EDDY
			•	Bottom Hol	e Location If Diffe	rent From Surface				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from		East/West line	County
P	15	24-S	29-E		469	SOUTH	350 320	·	EAST	EDDY
Dedicated Acres	Joint or	Infill C	onsolidation Co	ode Piu	ento.	FSL 394	FEL	-128	מר'	
160	N			Pen	ePoint - 354	FSL 924				
NO ALLOWARIE W	ILL BE ASSICE	VED TO THIS CY	MPLETION IN		Pe~F) RESTS HAVE BEEN C	XONSOLIDATED OR A	NON-STANDAL	RD UNIT HA	AS BEEN APPROVI	ED BY THE DIVISION
полько плина п	DO MOIO!		·	A LUAD MILL		· · · · · · · · · · · · · · · · · · ·				
								OPERAT	OR CERTIFI	CATION
	. [		I		1				that the information h	
GE	ODETIC CO	ORDINATES	ı		ļ		that	this organiza	stion either owns a w	orking interest or
	NAD 27	NME	1		1				l interest in the land i I bole location or bas	
	SURFACE L	OCATION	ļ		ı				ion pursuant to a con or working interest, o	
	Y = 44052 X = 60952						poo	oling agreeme	ent or a compulsory p ed by the division.	
	X=00932	2.0 -			!_		·		1 1	
	LAT.=32.21 NG.=103.9							//. /	- 1	12112
	/NG.=103.9	/921/ <b>H</b>			CORNER COORDII	NATES TABLE	Sig	gnature	<i>v</i> '	Date
BO	TTOM HOLE $Y = 44068$			A -	Y=441684.7 N,	X=609155.0 E	9	21:00	Harrist )	Rec Alba.
·	X=61410			B -	Y=441680.9 N,	X=614453.4 E	#	nted Name	10000	3.00.
	LAT.=32.21	1010° N			· Y=440356.3 N, · Y=440353.9 N,		له	دسانط_	stowart	BOXY, COM
	DNG.=103.9			I	1		E-1	mail Addres	55	
	PENETRATIO	N POINT						SIBVEV	OR CERTIFI	CATION
	Y = 44068	6.1 N			1		- 11		that the well location	i
	X=60952	1./ E			1				n field notes of actual supervision, and that	
	LAT. = 32.21				1				e best of my belief.	
"	0NG.=103.9	VATIA M						JA	NUARY 17,	2013
							Dat Sig	e of Survey	A of Boldziens	Surveyor:
בו בו בו בני	יידידידית	ז כז דד רד עד	דו דו דו דו		יל <u>רו</u> בו בו בו בו	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	الكرد			Onton
18			PROJECT	_		23.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	31		W MEXICO	1 1
18 7 m	1		~~~~~	! !		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	: 1	T	12641	200
330 7 395	57		PRODUCING	AREA		3171	330.	EG:		5
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NM OIL CONSERVATION

State of New Mexico

N. Franch Dr., Books, NM 82240 ARTESIA DISTRICT.
Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

Primarie III | 511 S. First St., Arteeia, NOA 87210 | SEP 2 6 2014 | Primarie III | SEE | SEP 2 6 2014 | Primarie III | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | SEE | 1220 South St. Francis Dr. Santa Fe, NM 87505

RECEIVED

000 Rio Brussa Road, Azesc, NM 87410 Pages: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Dr., Saitti Fe, NM 87505 Phane: (\$05) 476-3460 Fax: (\$05) 476-3462

API Number

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

> AMENDED REPORT As On: lled

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code 96473

30-015-41594 Property Code Property Name Well Number <u> 3964</u>4 CEDAR CANYON "15 3HOGRID No. Operator Name Elevation 16696 OXY USA INC. 2925.8' Surface Location

UL or lot no. Section Township Lot Idn Feet from the Range North/South line Feet from the East/West line County 29 EAST, N.M.P.M. 15 24 SOUTH 1888 SOUTH 700' 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 15 24 SOUTH 29 EAST, N.M.P.M. **SOUTH** EAST **EDDY** adore. Top Pent - 1942 FSL 1034 FWL (L Dedicated Acres Joint or Infill Consolidation Code Botton Port - 2006 FSL 335 FEL (I) N 160

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
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			1	organization of the event of working interest or understand unional
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!	!		i ·	has a right to drill this well at this location personnt to a contract
L				with an owner of such a mineral or working interest, or to a
			- <del> </del>	volicitary pooling agreement or a compilitory pooling enter
	[			harmfore animyed by the division
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	İ		LONG.: W-103.9843955	duid_stewent@oxy, com
		<del></del>		E-casil Address
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	1			WOA 170521W
			1.0	WO# 130521WL-b (KA)

DISTRICT |
1625 N. French Dr., Hobbs. NM 88240
Pixone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Pixone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazza Road, Aziec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. 8t. 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

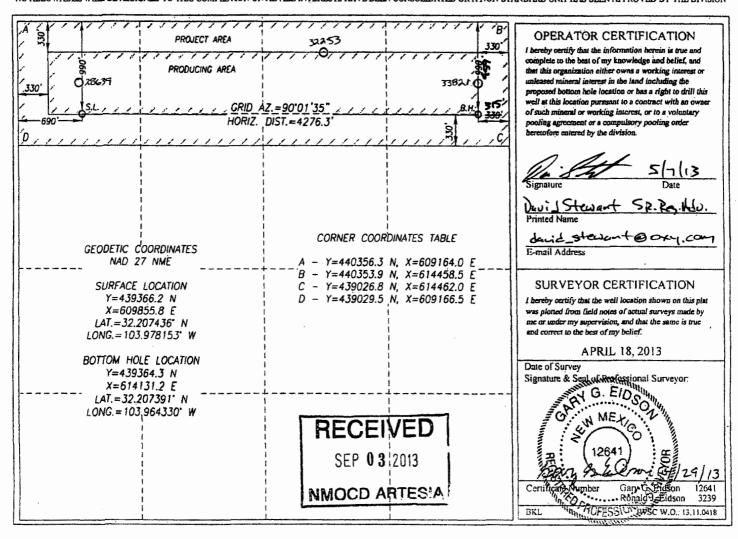
Form C-102 Revised August !, 2011 Submit one copy to appropriate District Office

MENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

AP	Number			Pool Code		Pool Nume					
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Property Co	ide				Well Number						
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166	14			C	XY U.S.A.	INC.			2927		
					Surface Locati	Ofi					
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				Bottom Hole	Location If Diffe	rent From Surface			L		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
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Dedicated Acres	Joint or	Infill (	Consolidation C	ode Orde		303 EE/					
160	N		Consolidation Code PB-959 FNL 383 FEL								

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



DISTRICT.II
1625.N. French. Dr. Hobbs. NM 88240.
Phone:(4373) 393-6161 Faix (575) 393-0720
DISTRICT.II
811.5. Frist St., Anesia, NM 88210
Phone: (373) 748-9720
DISTRICT.III
1000 Rio Brizzos Road, Azrec, NM 87410
Phone: (305) 334-6178 Faix (505) 334-6170
DISTRICT.III
220 S. S. Francis. Dr., Santa Fe, NM 87505
Phone: (305) 476-3460 Par. (505) 476-3462

# State of New Mexico Energy, Minerals & Natural Resolution CONSERVATION DIVISION 1220 South St. Francis Dr. JAN 26 2015 Santa Fe, New Mexico 87505

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

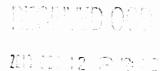
MAMENDED REPORT

RECEIVED WELL LOCATION AND ACREAGE DEDICATION PLAT

Phone (505) 476-3460 Pax: (505) 476-34	WELL LUCATION A	ND ACREA	GE DEDICA	ATION PLA	Ī	Diview
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5 Greenway Plaza, Suite 110, Houston, Texas 77046 P.O. Box 4294, Houston, Texas 77210-4294 Direct: 713.366.5106 Sandra_Musallam@oxy.com



October 11, 2017

Re: Production of Wells Going to Cedar Canyon 16-1, Harroun 9-1 and Harroun 15-15 Batteries

Leases: VA 0836-0001 & NM 88137

Eddy County, New Mexico

Dear Mr. McMillan:

Regarding the submitted commingle application amendment for previously approved Order R-14299, the production decline of all of the wells going to Cedar Canyon 16-1, Harroun 9-1 and Harroun 15-15 Batteries are in accordance with the production decline presented in the Order.

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

Respectfully,
Shuduh Murul

OXY USA INC

Sandra Musallam Regulatory Engineer

Sandra musallam@oxy.com

## State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

David Martin Cabinet Secretary

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Jami Bailey, Division Director Oil Conservation Division



October 3, 2014

#### ADMINISTRATIVE POOL/LEASE COMMINGLING ORDER

Administrative Order PLC-405 Administrative Application Reference No. pMAM142258617

OXY U.S.A. INC.

Attn: Ms. Jennifer Duarte

Pursuant to your application received on June 2, 2014, Oxy U.S.A. INC. (OGRID 39438) is hereby authorized to surface commingle oil and gas production from the following pools located in Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico;

Cedar Canyon; Delaware (11540) Corral Draw; Bone Spring (96238)

and from the following diversely owned wells. These wells are identified in Attachment A, and made part of this order. These wells are located on fee and state leases in said Township and Range in Eddy County, New Mexico.

The commingled oil and gas production shall be measured and sold at the Harroun 15 Well No. 15 Central Tank Battery (CTB) located in Unit E, Section 15, Township 24 South, Range 29 East, Eddy County, New Mexico.

Oil and gas production for all of the wells shall be measured and allocated back to each well using periodic monthly well tests, except for the following wells: Cedar Canyon 15 Well No. 2H, Cedar Canyon 22 Well No. 2H, Cedar Canyon 17 Fee Well No. 1H, and Cedar Canyon 15 Well No. 3H. The oil and gas production from each of these previously mentioned wells shall be continuously measured with allocation meters before commingling with production from other wells. The allocation meters shall be calibrated quarterly in accordance with Rule 19.15.12.10.C (2) NMAC.

The operator shall notify the transporter of this commingling authority.

The operator shall notify the Artesia district office of the Division upon commencement of commingling operations.

September 16, 2014 Page 2

This approval is subject to like approval from the New Mexico State Land Office (NMSLO) before commencement of the commingling operations.

DONE at Santa Fe, New Mexico, on September 16, 2014.

Jami Bailey

**Division Director** 

Am Baile

JB/mam

cc: Oil Conservation Division District Office - Artesia

New Mexico State Land Office - Oil, Gas, and Minerals

### APPLICATION FOR CENTRAL TANK BATTERY, LEASE COMMINGLE, OFF LEASE MEASUREMENT, SALES & STORAGE

Commingling proposal:

Proposal for Harroun 10-1, Harroun 10-2, Harroun 10-3, Harroun 15-7, Harroun 15-8, Harroun 15-14, Harroun 15-15, Harroun 15-16, Harroun 15-17, Cedar Canyon 15-2, Cedar Canyon 22-2, Cedar Canyon 17-1, Cedar Canyon 15-3.

OXY USA INC is requesting approval for Central Tank Battery, Lease Commingle, Off Lease Measurement, Sales, &

Storage from the following wells:

Well Name	API	Location	API Gravities	Oil	Gas	Water
POOL: Cedar Canyon	Delaware (11540)					
Harroun 10-1	30-015-30375	Sec.10, T24S R29E	40	11	7	44
Harroun 10-2	30-015-31709	Sec.10, T24S R29E	40	2	4	13
Harroun 10-3	30-015-32617	Sec.10, T24S R29E	40	8	8	35
Harroun 15-7	30-015-29987	Sec.15, T24S R29E	40	5	12	35
Harroun 15-8	30-015-30253	Sec.15, T24S R29E	40	3	4	38
Harroun 15-14	30-015-32620	Sec.15, T24S R29E	40	4	4	16
POOL: Pierce Crossin	g; Bone Spring (96	6473)				
Harroun 15-15	30-015-33317	Sec.15, T24S R29E	41	6	191	16.53
Harroun 15-16	30-015-33823	Sec.15, T24S R29E	41	13	101	32
Harroun 15-17	30-015-33822	Sec.15, T24S R29E	41	10	58	55
Cedar Canyon 15-2	30-015-41032	Sec.15, T24S R29E	41	100	239	235
Cedar Canyon 22-2	30-015-41327	Sec.22, T24S R29E	41	128	327	155
Cedar Canyon 17-1	30-015-42058	Sec.17, T24S R29E	42	414	621	455
Cedar Canyon 15-3	30-015-41594	Sec.15, T24S R29E	42	414	621	455

A map is enclosed showing the state leases and well locations in Sections 10/15/17/22, T20S, R25E.

#### Oil & Gas metering:

Harroun 15-15 central tank battery is located in Unit E of Section 15, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico.

Oil, gas and water volumes from each well routed to Harroun 15-15 central tank battery will be determined by using a test separator and dedicated test oil, water and gas meters located at the lease. Care will be taken that one well is always producing through the testing equipment. Production will be allocated on a daily basis based on the most recent individual well test of oil, gas and water. Well tests for each well will be conducted at least once per month for a minimum of 24 hours each well.

The oil production from the Harroun and Cedar Canyon wells listed in the list above will be commingled, measured and sold on lease using a LACT Unit. Production will be allocated by well test method. Produced water will be measured through a turbine meter and disposed at the Harroun 15 #3 SWD and/or trucked if necessary from the lease. The gas will be sold after it is measured by Oxy check meter located at the lease. The oil and gas meters will be calibrated on a regular basis per API and NMOCD specifications. The NMOCD will be notified of any future changes in the facility

#### Process and Flow Descriptions:

Please see attached block flow diagram for the Harroun 15-15 CTB. The flow route of produced fluids is shown in detail along with size of each vessel.

The commingling of production is in the interest of conservation and waste and will result in the most effective economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

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. These applications will be submitted separately for approval per NMOCD regulations.

Date: 08/25/2014