

RECEIVED: <u>10/10/2017</u>	REVIEWER: <u>MAM</u>	TYPE: <u>PLC</u>	APP NO: <u>DMAM1728434626</u>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Applicant:** OXY USA INC **OGRID Number:** 16696  
**Well Name:** HARROUN 15-15 **API:** 30-015-33317  
**Pool:** PIERCE CROSSING; BONE SPRING, EAST **Pool Code:** 96473

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

PLC-405-A**1) TYPE OF APPLICATION:** Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC☐ CTB☒ PLC☐ PC☐ OLS☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application  
Content  
Complete

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

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

SANDRA MUSALLAM

Print or Type Name

Signature

10/10/2017

Date

713-366-5106

Phone Number

SANDRA\_MUSALLAM@OXY.COM

e-mail Address

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**

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

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

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: OXY USA INC

OPERATOR ADDRESS: P O BOX 4294 HOUSTON, TX 77210

APPLICATION TYPE:

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

LEASE TYPE: ☒ Fee ☒ State ☒ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. PLC-405 \_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

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

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

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

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

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

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

- (1) Complete Sections A and E.

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

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

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

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

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

SIGNATURE: Sandra Musallam TITLE: REGULATORY ENGINEER DATE: 10/10/2017

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

E-MAIL ADDRESS: SANDRA\_MUSALLAM@OXY.COM

## APPLICATION FOR POOL AND LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES AND STORAGE

### Commingling proposal for 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
<b>POOL: CEDAR CANYON; DELAWARE (11540) - STATE LEASE NO. VA-0836-0001</b>							
Cedar Canyon 16 State #11H	30-015-42062	C-16-T24S-R29E	Apr-2015	38	44	104	706
<b>POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - STATE LEASE NO. VA-0836-0001</b>							
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
<b>POOL: PURPLE SAGE; WOLFCAMP (98220) - STATE LEASE NO. VA-0836-0001</b>							
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 411104, 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
<b>POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)</b>							
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
<b>POOL: CEDAR CANYON; DELAWARE (11540)</b>							
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
<b>POOL: CORRAL DRAW; BONE SPRING (96238)</b>							
Cedar Canyon 17 Fee #1H	30-015-42058	A-17-24S-29E	Aug-2014	43	42.9	261	113
<b>POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)</b>							
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 15 #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
<b>POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - CA NMNM134544 (NMNM88137)</b>							
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).

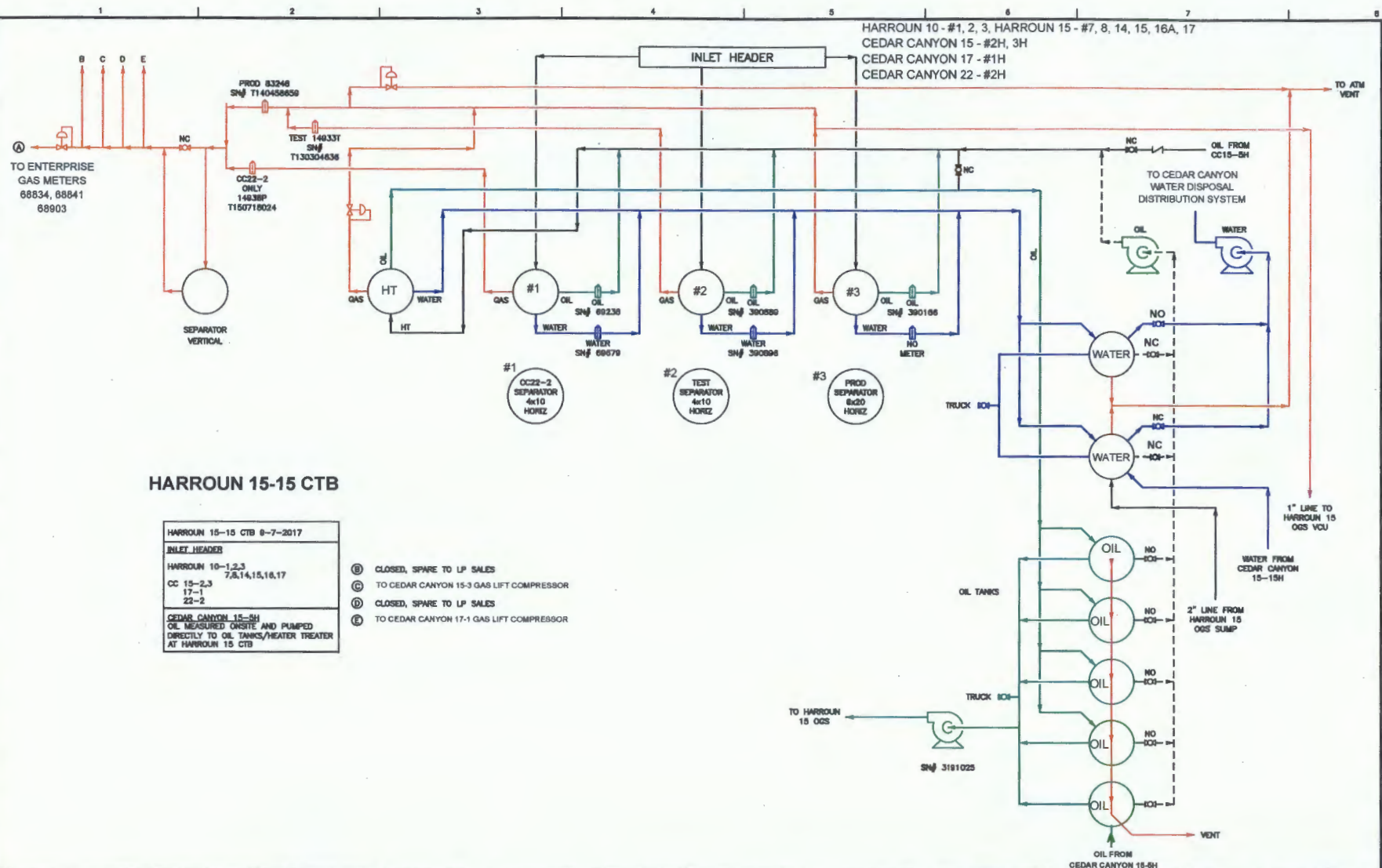
**Additional Application Components:**

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 15-15 CTB

HARROUN 15-15 CTB 8-7-2017	
<b>INLET HEADER</b>	
HARROUN 10-1,2,3	7,8,14,15,16,17
CC 15-2,3	17-1
22-2	
CEDAR CANYON 15-SH	
OIL MEASURED ORSITE AND PUMPED DIRECTLY TO OIL TANKS/HEATER TREATER AT HARROUN 15 CTB	

- ① CLOSED, SPARE TO LP SALES
- ② TO CEDAR CANYON 15-3 GAS LIFT COMPRESSOR
- ③ CLOSED, SPARE TO LP SALES
- ④ TO CEDAR CANYON 17-1 GAS LIFT COMPRESSOR

NOTES

PROJECT DRAWING REVISION

IN CASE OF DEVIATIONS A MARKED UP PRINT SHALL BE SENT TO THE PROJECT ENGINEER

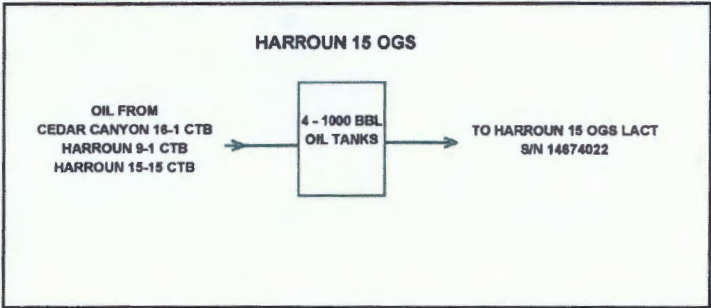
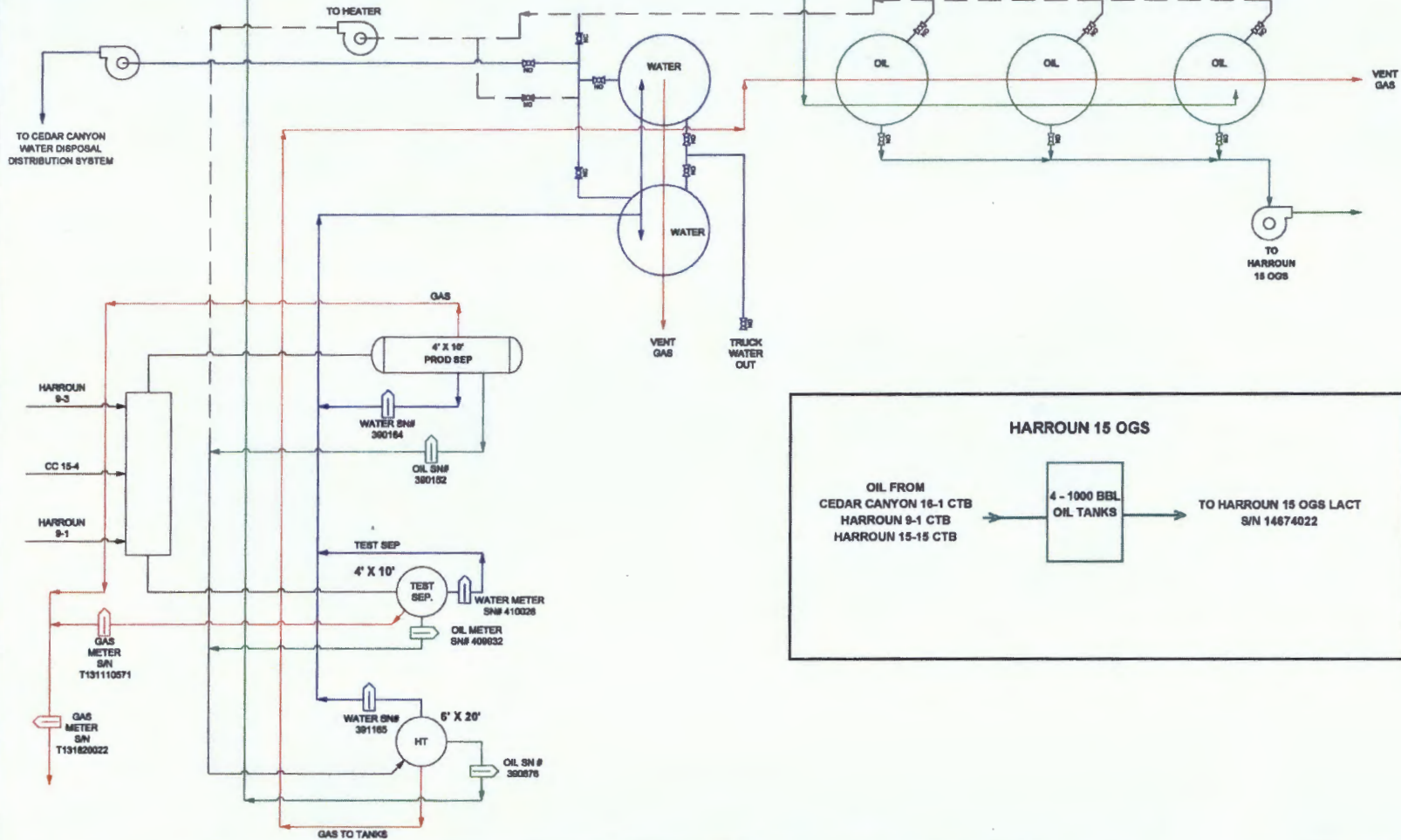
MASTER DRAWING REVISION

NOTES/REFERENCE DRAWINGS

FACILITY CODE: HARROUN 15-15 CTB - V2		SCALE: NONE		CAD DRAWING: 2	
DESC CODE: PRO		FACILITY TYPE: CTB		Oxy USA Inc. - Permian Resources	
DWL TYPE: PROCESS FLOW DIAGRAM		DWL CODE: 00001		SHEET: 001 A	
DESCRIPTION: INLET HEADER		DWL NUMBER: 00001		SHEET: 001 A	
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# HARROUN 9-1 CTB



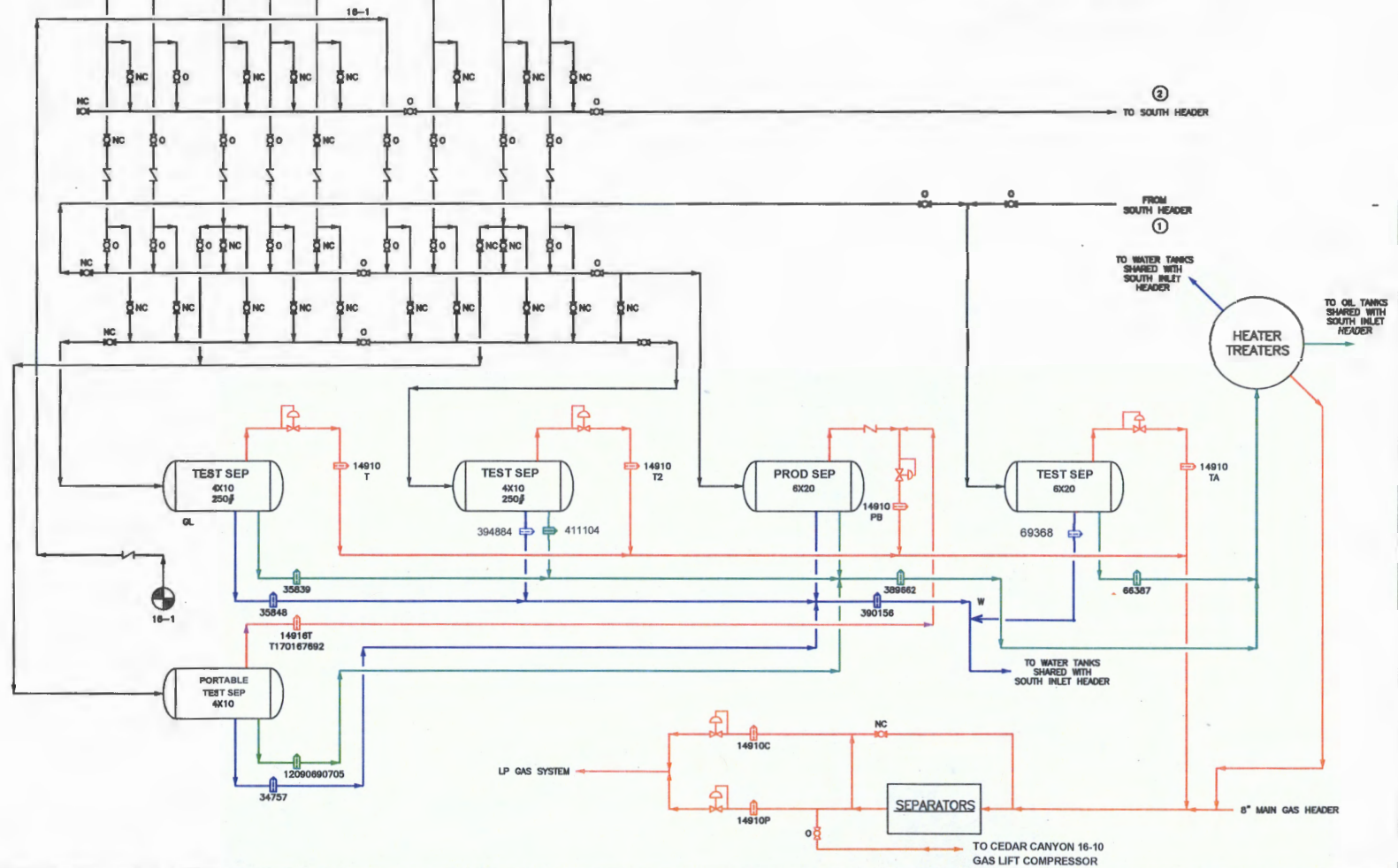
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# CEDAR CANYON 16-1 CTB NORTH INLET HEADER



NOTES

REV	DATE	DRAWN BY	CHECKED BY	DESCRIPTION	CHKD PROJECT #	PROJ. ENL.	SIGNATURE	DATE	APP. BY	DESCRIPTION	PROJECT NUMBER	PROJ. ENL.	SIGNATURE	DATE	APP. BY	DESCRIPTION
B	10/16/2017	JH	TS	ISSUED FOR REVIEW												
A	09/19/2017	DB	TS	ISSUED FOR REVIEW												
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PROJECT DRAWING REVISION

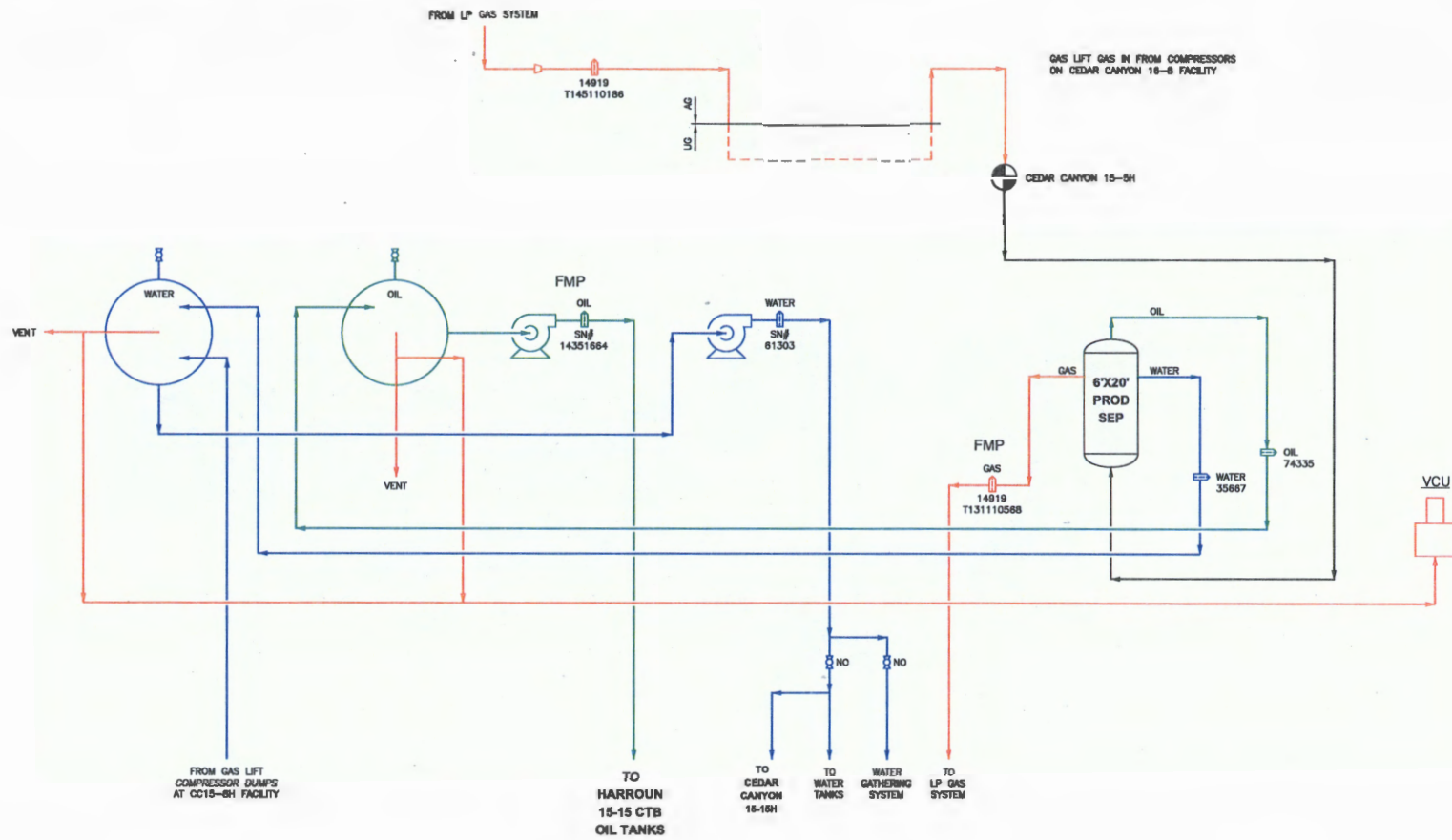
IN CASE OF DEVIATIONS A MARKED UP PRINT SHALL BE SENT TO THE PROJECT ENGINEER

NOTES/REFERENCE DRAWINGS

MASTER DRAWING REVISION

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DESC. CODE: PRO	FACILITY TYPE: CTB
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DESCRIPTION: NORTH INLET HEADER	DRG. ASSET: FACILITY CODE: DRG. CODE: SERIAL NUMBER: REV
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# CEDAR CANYON 15 FEDERAL COM 5H SATELLITE



NOTES

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A	05/16/2017	SS	TS	ISSUED FOR REVIEW	-	TS								
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PROJECT DRAWING REVISION

IN CASE OF DEVIATIONS A MARKING UP FRONT DRAWING IS SENT TO THE PROJECT ENGINEER

NOTES/REFERENCE DRAWINGS

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DRG CODE: PRO

FACILITY TYPE: CTB

PROJ TYPE: PROCESS FLOW DIAGRAM

DESCRIPTION: GAS LIFT

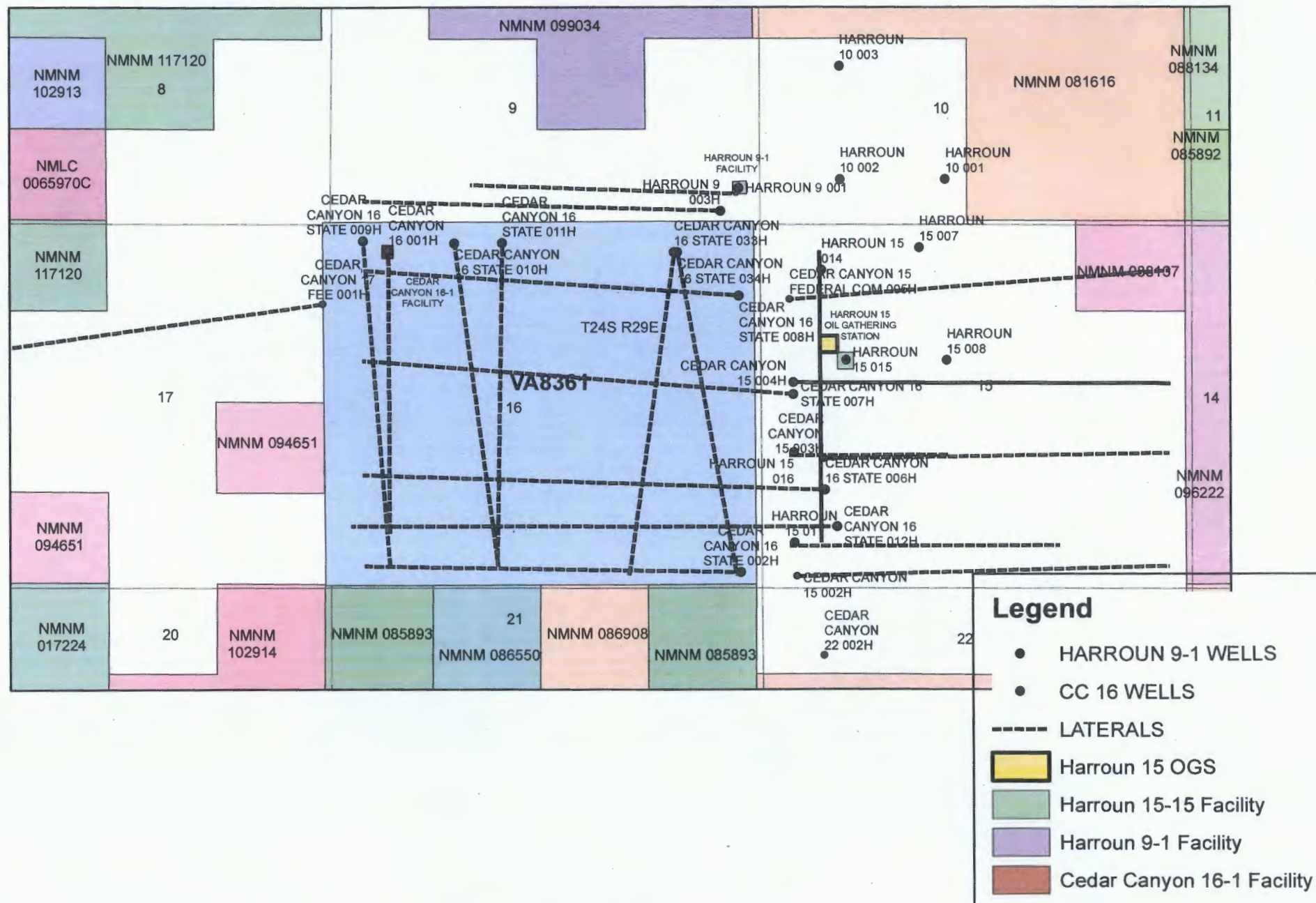
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# Harroun 15 Oil Gathering System

## 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 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 #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 #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 #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 #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 #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 #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 #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

**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

Check / Dec 17



## 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 #1 (30-015-34997)**

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
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 15-15

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
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 #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 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

**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 #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

**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 #7 (30-015-29987)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
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

**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

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

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Water (bbls)
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 #14 (30-015-32620)**

Month	Oil (bbls)	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 #15 (30-015-33317)**

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	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**



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

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

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.

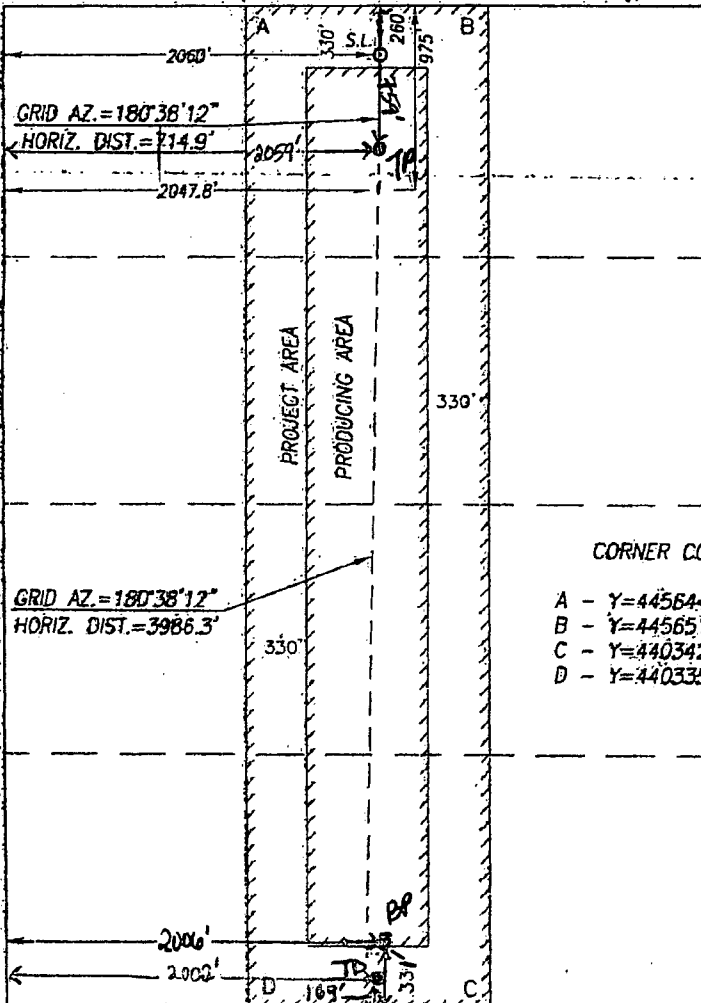
Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.


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

 <p><b>GRID AZ. = 180°38'12"</b>  <b>HORIZ. DIST. = 714.9'</b></p> <p><b>GRID AZ. = 180°38'12"</b>  <b>HORIZ. DIST. = 3986.3'</b></p>	<p><b>GEODEIC COORDINATES</b>  <b>NAD 27 NME</b></p> <p><b>SURFACE LOCATION</b>  <b>Y=445388.5 N</b>  <b>X=605898.2 E</b></p> <p><b>LAT. = 32.224026° N</b>  <b>LONG. = 103.990886° W</b></p>												
<p><b>CORNER COORDINATES TABLE</b></p> <table border="0" style="margin: auto;"> <tr> <td>A -</td> <td>Y=445644.1 N,</td> <td>X=605160.0 E</td> </tr> <tr> <td>B -</td> <td>Y=445651.9 N,</td> <td>X=605482.7 E</td> </tr> <tr> <td>C -</td> <td>Y=440342.2 N,</td> <td>X=608516.2 E</td> </tr> <tr> <td>D -</td> <td>Y=440335.2 N,</td> <td>X=605192.3 E</td> </tr> </table>		A -	Y=445644.1 N,	X=605160.0 E	B -	Y=445651.9 N,	X=605482.7 E	C -	Y=440342.2 N,	X=608516.2 E	D -	Y=440335.2 N,	X=605192.3 E
A -	Y=445644.1 N,	X=605160.0 E											
B -	Y=445651.9 N,	X=605482.7 E											
C -	Y=440342.2 N,	X=608516.2 E											
D -	Y=440335.2 N,	X=605192.3 E											
<p><b>BOTTOM HOLE LOCATION</b>  <b>NAD 27 NME</b></p> <p><b>Y=440688.6 N</b>  <b>X=605845.9 E</b></p> <p><b>LAT. = 32.211107° N</b>  <b>LONG. = 103.991104° W</b></p>													

<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><small>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</small></p> <p>               Signature             <span style="float: right;">2/10/14 Date</span> </p> <p>             David Stewart S.A. Res. Adv.              Printed Name         </p> <p>             david.stewart@oxy.com              E-mail Address         </p>	<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><small>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.</small></p> <p align="center"><b>SEPTEMBER 20, 2013</b></p> <p>             Date of Survey              Signature &amp; Seal of Registered Surveyor:         </p> <div style="text-align: center;">  </div> <p>             Gary E. Johnson              Registered Surveyor         </p> <p>             12641              3229         </p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-9720

DISTRICT II  
811 E. First St., Artesia, NM 88210  
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DISTRICT III  
1600 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**  
State of New Mexico  
Energy, Minerals & Natural Resources Department  
**FEB 10 2017**  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505  
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AMENDED REPORT

2-9-12

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015-39856	Pool Code 96473	Pool Name Pierce Crossing; Bone Spring, East
Property Code <b>39668</b>	Property Name CEDAR CANYON 16 State	Well Number 1H
OGRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2927'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	24-S	29-E		380	NORTH	660	WEST	EDDY

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	24-S	29-E		758	SOUTH	683	WEST	EDDY
Dedicated Acres 160	Joint or Infill Y	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>CORNER COORDINATES TABLE</b></p> <p>① - Y=445636.4 N, X=603837.2 E</p> <p>② - Y=445644.1 N, X=605160.0 E</p> <p>③ - Y=442982.3 N, X=603852.3 E</p> <p>④ - Y=440328.1 N, X=603868.4 E</p> <p>⑤ - Y=440335.2 N, X=605192.3 E</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in this land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><u>Sarah Mitchell</u> 2/9/17 Signature Date</p> <p>Sarah Mitchell Printed Name</p> <p>sarah_mitchell@oxy.com E-mail Address</p>	
	<p><b>GEODETIC COORDINATES</b> NAD 27 NME</p> <p><b>SURFACE LOCATION</b> Y=445260.4 N X=604499.4 E LAT.=32 223685" N LONG =103 995411" W</p> <p><b>BOTTOM HOLE LOCATION</b> Y=441139.4 N X=604523.6 E</p>	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>MARCH 21, 2012 Date of Survey</p> <p>Signature: <u>Ronald S. Eidson</u> Certification: <u>Ronald S. Eidson</u> 12641 AP 12641 JWSC W.O.: 12.11.0614</p>	
	<p>683'</p> <p>758'</p> <p>660'</p> <p>380'</p> <p>GRID. AZ. = 179°39'44"</p> <p>HORIZ. DIST. = 4122.0'</p>		
	<p>Producing area</p> <p>Project area</p>		

# NM OIL CONSERVATION ARTESIA DISTRICT

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

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AMENDED REPORT

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

1-30-13

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41024	Pool Code 96473	Pool Name Pierce Crossing; Bone Spring East
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 2H
OGRID No. 16696	Operator Name OXY U.S.A., INC.	Elevation 2928'

### Surface Location

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-S	29-E		230	SOUTH	330	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
M	16	24-S	29-E		338	SOUTH	347.7	WEST	EDDY
Dedicated Acres 160	Joint or Infill Y	Consolidation Code	Order No. Top perf- 384 FSL 579 FEL, Bottom 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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=440584.5 N X=608832.5 E</p> <p>LAT.=32.210794° N LONG.=103.981448° W</p> <p>BOTTOM HOLE LOCATION Y=440659.9 N X=604216.4 E</p> <p>LAT.=32.211042° N LONG.=103.996372° W</p> <p>PENETRATION POINT Y=440684.5 N X=608831.8 E</p> <p>LAT.=32.211069° N LONG.=103.981449° W</p>	<p>CORNER COORDINATES TABLE</p> <p>A - Y=441655.2 N, X=603860.6 E B - Y=441684.7 N, X=609155.0 E C - Y=440328.1 N, X=603868.4 E D - Y=440356.3 N, X=609164.0 E</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><u>Sarah Mitchell</u> 2/9/17 Signature Date</p> <p>Sarah Mitchell Printed Name</p> <p>sarah_mitchell@oxy.com E-mail Address</p>
<p>PROJECT AREA</p> <p>PRODUCING AREA</p> <p>GRID. AZ.=269°41'42" HORIZ. DIST.=4616.5'</p> <p>347.7</p> <p>330'</p> <p>330'</p> <p>330'</p> <p>330'</p> <p>338'</p> <p>B.H.</p> <p>P.P.</p> <p>S.L.</p>		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 17, 2013</p> <p>Date of Survey</p> <p>Signature of Registered Professional Surveyor:</p> <p><u>Garrett E. Eidson</u> 1/23/13</p> <p>Certificate Number: 12641</p> <p>Garrett E. Eidson 12641 Garrett E. Eidson 3239</p> <p>DSS JWSC W.O.: 13.11.0084</p>

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

Form C-102

Revised August 1, 2011

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AMENDED REPORT

As Detailed

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-41595</b>	Pool Code <b>96473</b>	Pool Name <b>Pierce Crossing Bone Spring, East</b>
Property Code <b>3966B</b>	Property Name <b>CEDAR CANYON 16 STATE</b>	Well Number <b>6H</b>
OGRID No. <b>16694</b>	Operator Name <b>OXY U.S.A. INC.</b>	Elevation <b>2927'</b>

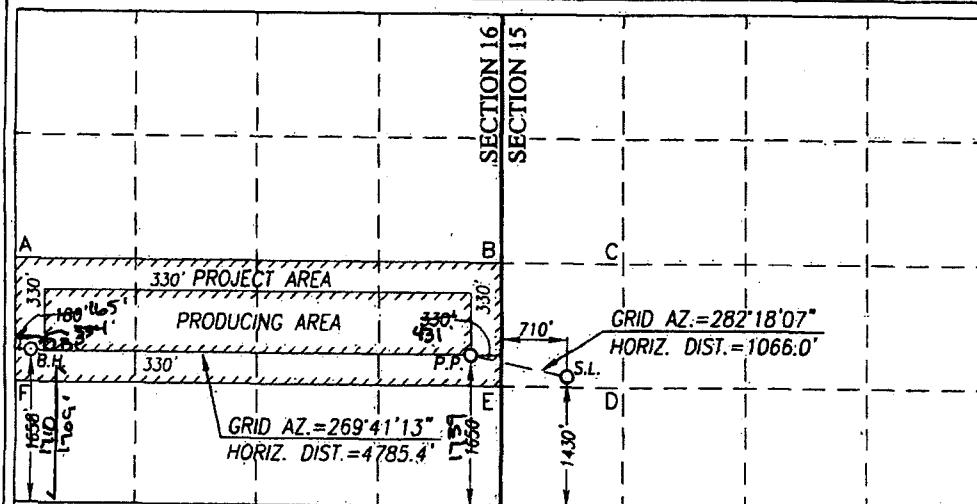
Surface Location									
UL or lot No. <b>L</b>	Section <b>15</b>	Township <b>24-S</b>	Range <b>29-E</b>	Lot Idn	Feet from the <b>1430</b>	North/South line <b>SOUTH</b>	Feet from the <b>710</b>	East/West line <b>WEST</b>	County <b>EDDY</b>

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

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

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



OPERATOR CERTIFICATION

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

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

SURVEYOR CERTIFICATION

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

MARCH 28, 2013

Date of Survey  
Signature of Professional Surveyor:

*[Signature]* 9/16/14  
GARY G. EIDSON  
NEW MEXICO  
12641  
REG. PROFESSIONAL SURVEYOR  
Certificate Number: Gary G. Eidson 12641  
J. Eidson 3239  
ACK REL. W.D. JWSC W.O. 14.13.0208

GEODETIC COORDINATES  
NAD 27 NME

PENETRATION POINT  
Y=442012.8 N  
X=608822.9 E

CORNER COORDINATES TABLE

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

SURFACE LOCATION

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

BOTTOM HOLE LOCATION

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

LAT.=32.214721° N  
LONG.=103.981464° W

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DISTRICT IV  
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Phone: (505) 476-3460 Fax: (505) 476-3462

**NMOC D ARTESIA**

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

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☒ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-41251</b>	Pool Code <b>96473</b>	Pool Name <b>Pierce Crossing Bone Springs, East</b>
Property Code <b>39668</b>	Property Name <b>CEDAR CANYON 16 STATE</b>	Well Number <b>7H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY U.S.A. INC.</b>	Elevation <b>2926</b>

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>E</b>	<b>15</b>	<b>24-S</b>	<b>29-E</b>		<b>2485</b>	<b>NORTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

### 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
<b>E</b>	<b>16</b>	<b>24-S</b>	<b>29-E</b>		<b>1980</b> <b>2037</b>	<b>NORTH</b>	<b>330</b> <b>335</b>	<b>WEST</b>	<b>EDDY</b>
Dedicated Acres <b>160</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No. <b>Top Prod Int. 388 FEL 2302 FNL H - Sec 15</b>						

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

		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>David Stewart</i> 4/5/13 Signature Date David Stewart Reg. Adv. Printed Name david.stewart@oxy.com E-mail Address</p>
<p>SCALE: 1"=2000'</p> <p><b>CORNER COORDINATES TABLE</b></p> <p>A - Y=444309.4 N, X=603845.0 E B - Y=444340.2 N, X=609137.2 E C - Y=444338.8 N, X=610463.2 E D - Y=443011.9 N, X=610470.4 E E - Y=443013.2 N, X=609146.1 E F - Y=442982.3 N, X=603852.8 E</p> <p><b>PENETRATION POINT</b> Y=443341.1 N X=608813.9 E LAT.=32.218372° N LONG.=103.981479° W</p>		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>APRIL 1, 2013</p> <p>Date of Survey Signature &amp; Seal of Professional Surveyor: <i>GARY G. EIDSON</i> GARY G. EIDSON 12641 RONALD J. EIDSON 3239 BK1. WSC W.O. 13.11.0335</p>
<p><b>GEODETIC COORDINATES</b> NAD 27 NME</p> <p><b>SURFACE LOCATION</b> Y=443182.6 N X=609474.9 E LAT.=32.217930° N LONG.=103.979344° W</p> <p><b>BOTTOM HOLE LOCATION</b> Y=443658.9 N X=604178.8 E LAT.=32.219286° N LONG.=103.996464° W</p>		

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NM OIL CONSERVATION  
ARTESIA DISTRICT  
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OIL CONSERVATION DIVISION  
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NM OIL CONSERVATION  
ARTESIA DISTRICT

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AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-41596</b>	Pool Code <b>96473</b>	Pool Name <b>PIERCE CROSSING BONE SPRING E.</b>
Property Code <b>39668</b>	Property Name <b>CEDAR CANYON 16 STATE</b>	Well Number <b>8H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY U.S.A. INC.</b>	Elevation <b>2927'</b>

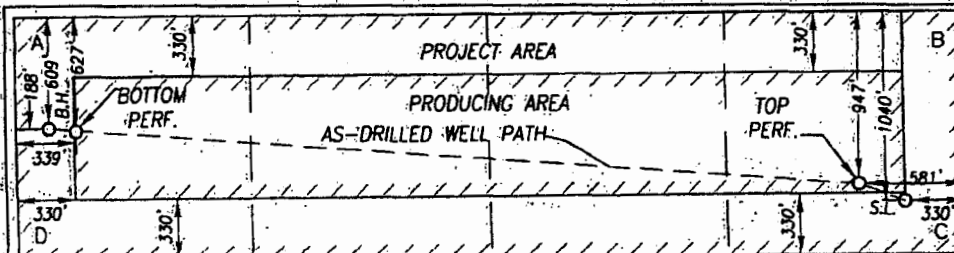
## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>16</b>	<b>24-S</b>	<b>29-E</b>		<b>1040</b>	<b>NORTH</b>	<b>330</b>	<b>EAST</b>	<b>EDDY</b>

## 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	County
<b>D</b>	<b>16</b>	<b>24-S</b>	<b>29-E</b>		<b>609</b>	<b>NORTH</b>	<b>188</b>	<b>WEST</b>	<b>EDDY</b>
Dedicated Acres <b>160</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No. <b>TP- 947 FNL 581 FEL (A)</b> <b>BP- 607 FNL 339 FNL (D)</b>						

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



AS-DRILLED BOTTOM HOLE LOCATION NAD 27 NME	BOTTOM PERFORATION POINT NAD 27 NME	TOP PERFORATION POINT NAD 27 NME	GEODETIC COORDINATES NAD 27 NME
Y=445028.7 N X=604028.4 E LAT.=32.223053° N LONG.=103.996936° W	Y=445012.0 N X=604180.2 E LAT.=32.223006° N LONG.=103.996445° W	Y=444716.7 N X=608553.3 E LAT.=32.222156° N LONG.=103.982307° W	SURFACE LOCATION Y=444625.6 N X=608805.2 E LAT.=32.221903° N LONG.=103.981494° W

## CORNER COORDINATES TABLE

A - Y=445636.4 N, X=603837.2 E
B - Y=445667.3 N, X=609128.3 E
C - Y=444340.2 N, X=609137.2 E
D - Y=444309.4 N, X=603845.0 E

NOTE: AS-DRILLED BOTTOM HOLE  
DATA PLOTTED FROM OXY PERMIAN  
SCIENTIFIC DRILLING, INT'L SURVEY REPORT  
JULY 14, 2014

## OPERATOR CERTIFICATION

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

Signature: *[Signature]* Date: **11/2/14**  
Printed Name: **Jaralyn Mendiola**  
E-mail Address: **jaralyn\_mendiola@oxy.com**

## SURVEYOR CERTIFICATION

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

APRIL 1, 2013

Date of Survey  
Signature & Seal of Professional Surveyor:

*[Signature]*  
RONALD EIDSON  
NEW MEXICO  
3239  
11/07/2014  
Certification Number: **12641**  
Professional Surveyor: **Eidson 3239**  
LSL REL W.O. 1211-0259 JWSC W.O. 1413-1224

**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  
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**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

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

Form C-102

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Submit one copy to appropriate District Office

SEP 25

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

RECEIVED

API Number 30-015-42061	Pool Code 96473	Pool Name PIERCE CROSSING BONE SPRING, EAST
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 9H
OGRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2927'

Surface Location									
UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	24-S	29-E		224	NORTH	350	WEST	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	County
M	16	24-S	29-E		124.7	SOUTH	335.6	WEST	EDDY

Penetration Point Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 160	Joint or Infill 4	Consolidation Code	Order No.
------------------------	----------------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>NOTE: AS-DRILLED PATH, T.P., B.P. &amp; B.H. POINTS PLOTTED FROM SCIENTIFIC DRILLING STANDARD MWD SURVEY REPORT: AUGUST 3, 2015</p>	<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=445414.5 N X=604188.4 E LAT.=32.224113° N LONG.=103.996415° W</p>	<p>OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Jana Mendida</i> Date: 9/21/15 Printed Name: Jana Mendida Email Address: jana-mendida@oxy.com</p>
		<p>TOP PERF NAD 27 NME Y=444848.7 N X=604207.7 E LAT.=32.222557° N LONG.=103.996358° W</p>	<p>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.</p> <p>SEPTEMBER 18, 2013 Date of Survey Signature: <i>Ronald J. Eidson</i> Seal of Professional Surveyor: NEW MEXICO REGISTERED 3239 Certificate Number: 12641 Ronald J. Eidson 3239</p>
	<p>CORNER COORDINATES TABLE NAD 27 NME A - Y=445636.4 N, X=603837.2 E B - Y=445644.1 N, X=605160.0 E C - Y=440335.2 N, X=605192.3 E D - Y=440328.1 N, X=603868.4 E</p>		
	<p>BOTTOM PERF NAD 27 NME Y=440676.0 N X=604213.7 E LAT.=32.211086° N LONG.=103.996381° W</p>	<p>AS-DRILLED BOTTOM HOLE LOCATION NAD 27 NME Y=440454.6 N X=604203.2 E LAT.=32.210478° N LONG.=103.996417° W</p>	

LSL REL W.O.: 13.11.1056 JWSC W.O.: 15.13.0883



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District IV  
1229 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

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

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☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-015-42055</b>	Pool Code <b>96473</b>	Pool Name <b>PIERCE CROSSING BONE SPRING, EAST</b>
Property Code <b>39668</b>	Property Name <b>CEDAR CANYON "16" STATE</b>	Well Number <b>10H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY USA INC.</b>	Elevation <b>2926.9'</b>

**Surface Location**

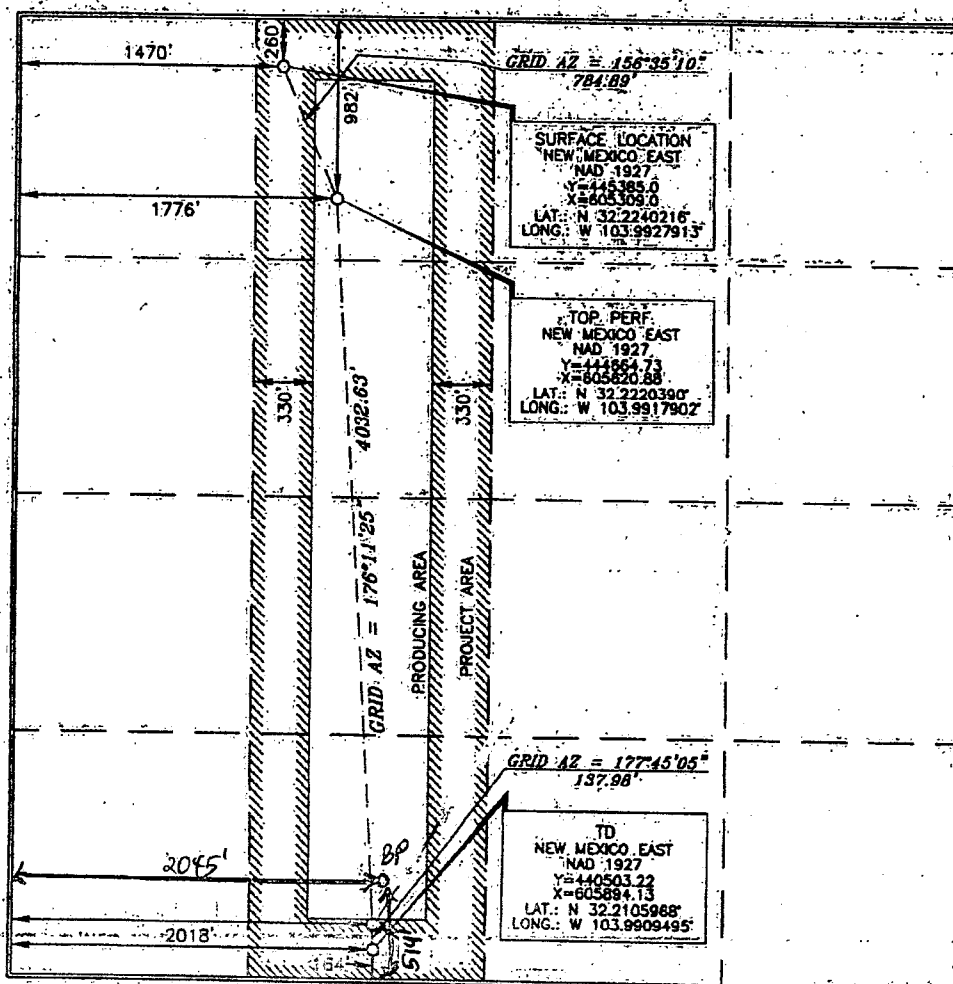
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	24 SOUTH	29 EAST, N.M.P.M.		260'	NORTH	1470'	WEST	EDDY

**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
N	18	24 SOUTH	29 EAST, N.M.P.M.		184'	SOUTH	2018'	WEST	EDDY

Dedicated Acres <b>160</b>	Joint or Infill <b>YES</b>	Consolidation Code	Order No. <b>TP- 982 FNL 1746 FWL</b> <b>BP- 514 FSL 2045 FWL</b>
-------------------------------	-------------------------------	--------------------	-------------------------------------------------------------------------

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



**OPERATOR CERTIFICATION**

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

Signature: *[Signature]* Date: **1/15/15**  
Printed Name: **Jana Mendola**  
E-mail Address: **andryn-mendola@oxy.com**

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from reliable and accurate 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: **DECEMBER 4, 2013**  
Signature and Seal of Professional Land Surveyor: *[Signature]*  
Certificate Number: **15079**

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

FEB 13 2017

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Revised August 1, 2011

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☒ AMENDED REPORT

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Director IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3400 Fax: (505) 476-3462

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

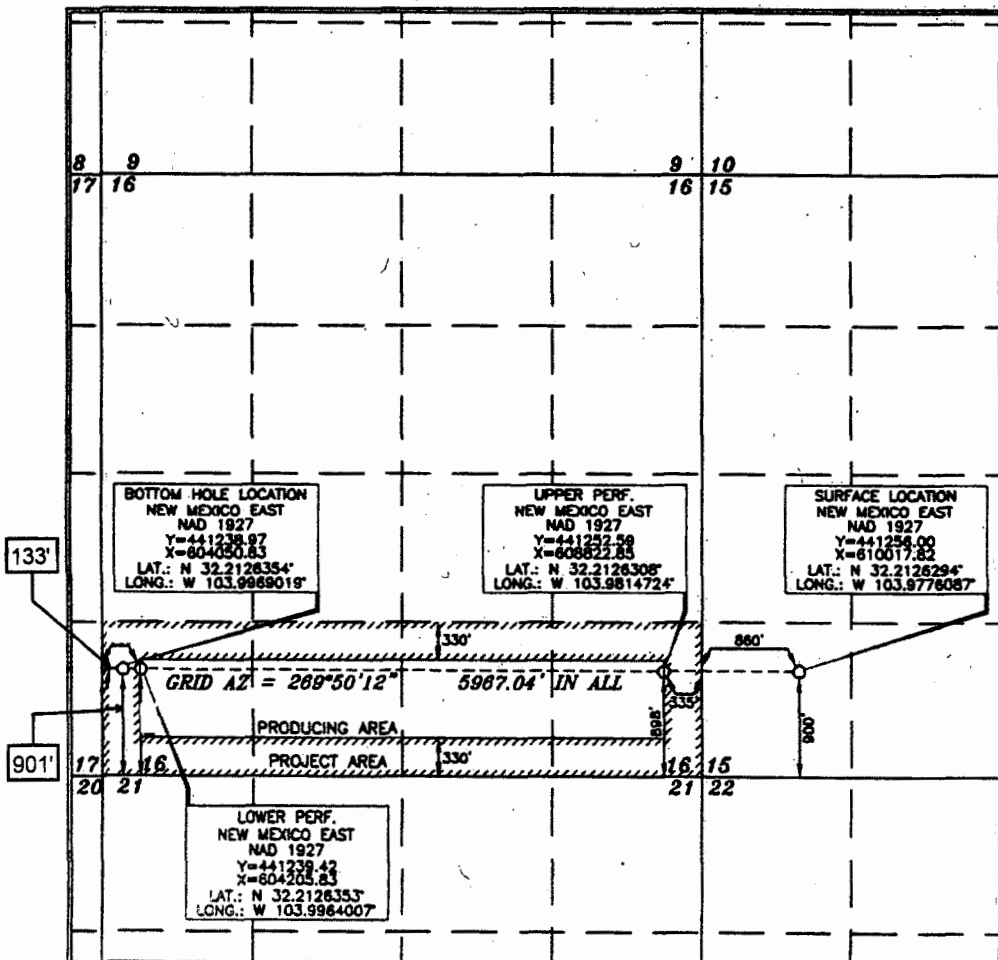
**Surface Location**

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

**Bottom Hole Location If Different From Surface**

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

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



**OPERATOR CERTIFICATION**

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

Sarah Mitchell 2/9/17  
Signature Date

Sarah Mitchell  
Printed Name  
sarah\_mitchell@oxy.com  
E-mail Address

**SURVEYOR CERTIFICATION**

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

15079  
Date of Survey

June 19, 2014  
Signature and Seal  
Professional Surveyor

Tommy J. Clark 6/30/2014  
Certificate Number 15079

WO# 140619WL-a (KA)

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
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District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**MAR 01 2017** State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
**RECEIVED** 1220 South St. Francis Dr.  
Santa Fe, NM 87505

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☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-015-43844</b>	Pool Code <b>90220</b>	Pool Name <b>Purple Sage Wolfcamp</b>
Property Code <b>39668</b>	Property Name <b>CEDAR CANYON "16" STATE</b>	Well Number <b>33H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY USA INC.</b>	Elevation <b>2927.3'</b>

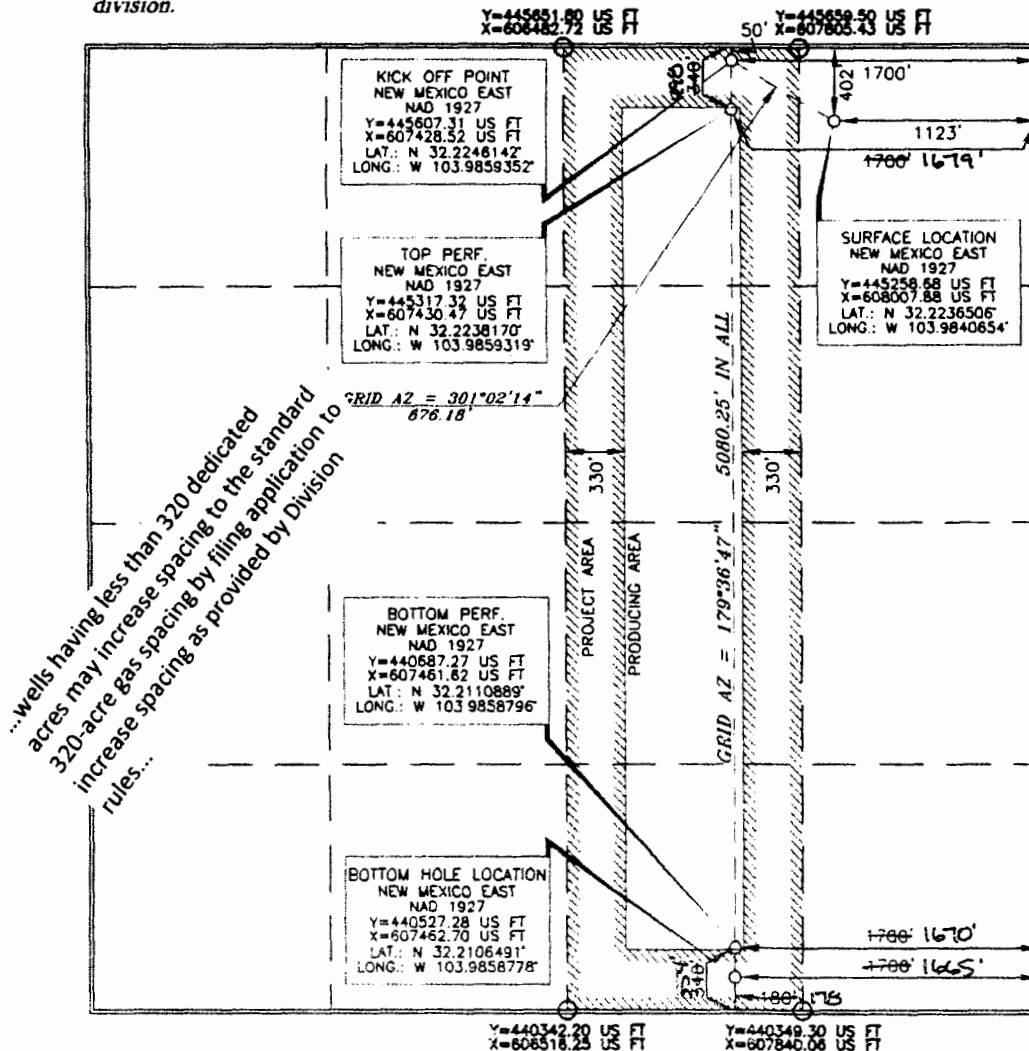
**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	24 SOUTH	29 EAST, N.M.P.M.		402'	NORTH	1123'	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
0	16	24 SOUTH	29 EAST, N.M.P.M.		180' 178'	SOUTH	1700' 1665'	EAST	EDDY
Dedicated Acres <b>1.60</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No.	<b>Bottom Perf - 354 FSL 1670 FEL</b> <b>Top Perf - 498 FNL 1679 FEL</b>					

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.



...wells having less than 320 dedicated acres may increase spacing to the standard 320-acre gas spacing by filing application to increase spacing as provided by Division rules...

**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 undivided 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 as a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *David Stewart* Date: **2/27/17**  
Printed Name: **David Stewart SR. Reg. Adv.**  
E-mail Address: **david\_stewart@oxy.com**

**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: **APRIL 19, 2016**  
Signature and Seal of Professional Surveyor: *Terry J. Paul*  
Certificate Number: **15079**

WO# 150419WL-a-XY (KA)

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
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District IV  
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Phone: (505) 476-3460 Fax: (505) 476-3462

**NM OIL CONSERVATION**  
State of New Mexico **ARTESIA DISTRICT**  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-015-43843</b>	Pool Code <b>98220</b>	Pool Name <b>Purple Sage Wolfcamp</b>
Property Code <b>39666</b>	Property Name <b>CEDAR CANYON "16" STATE</b>	Well Number <b>34H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY USA INC.</b>	Elevation <b>2927.3'</b>

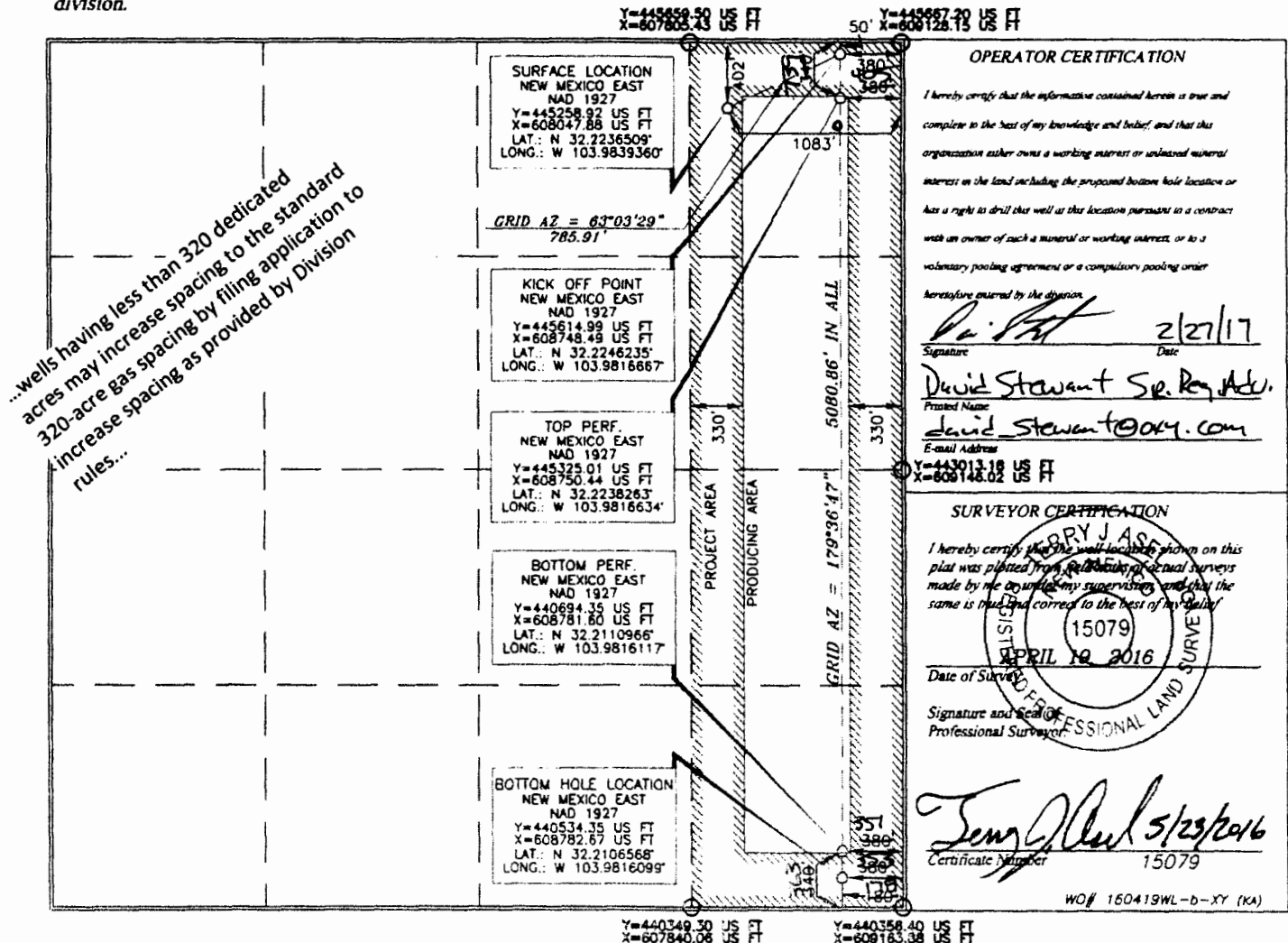
**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>16</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>402'</b>	<b>NORTH</b>	<b>1083'</b>	<b>EAST</b>	<b>EDDY</b>

**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
<b>P</b>	<b>16</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>180'</b> <b>176'</b>	<b>SOUTH</b>	<b>300'</b> <b>353'</b>	<b>EAST</b>	<b>EDDY</b>
Dedicated Acres <b>160</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No.	<b>Bottom Perf - 363 FSL 351 FEL</b> <b>Top Perf - 739 FNL 405 FEL</b>					

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.



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DISTRICT II  
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DISTRICT IV  
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-015-41291</b>	Pool Code <b>96473</b>	Pool Name <b>Pierce Crossing Bone Springs, EAST</b>
Property Code <b>39046</b>	Property Name <b>CEDAR CANYON 15</b>	Well Number <b>4H</b>
GRID No. <b>16696</b>	Operator Name <b>OXY U.S.A. INC.</b>	Elevation <b>2926'</b>


Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>E</b>	<b>15</b>	<b>24-S</b>	<b>29-E</b>		<b>2310</b>	<b>NORTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

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
<b>H</b>	<b>15</b>	<b>24-S</b>	<b>29-E</b>		<b>2310</b>	<b>NORTH</b>	<b>330</b>	<b>EAST</b>	<b>EDDY</b>
Dedicated Acres <b>160</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No. <b>PB- 2287 FNL 494 FEL</b>						

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

<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <b>RECEIVED</b>  <b>SEP 03 2013</b>  <b>NMOC DARTESIA</b> </div>		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>David Stewart</i> <b>4/22/13</b> Signature Date</p> <p><b>David Stewart Sr. Pres. Ado.</b> Printed Name</p> <p><b>david.stewart@oxy.com</b> E-mail Address</p>							
<p><b>CORNER COORDINATES TABLE</b></p> <table border="1"> <tr><td>A</td><td>- Y=444340.2 N, X=609137.2 E</td></tr> <tr><td>B</td><td>- Y=444334.6 N, X=614443.0 E</td></tr> <tr><td>C</td><td>- Y=443007.9 N, X=614448.3 E</td></tr> <tr><td>D</td><td>- Y=443013.2 N, X=609146.1 E</td></tr> </table>				A	- Y=444340.2 N, X=609137.2 E	B	- Y=444334.6 N, X=614443.0 E	C	- Y=443007.9 N, X=614448.3 E
A	- Y=444340.2 N, X=609137.2 E								
B	- Y=444334.6 N, X=614443.0 E								
C	- Y=443007.9 N, X=614448.3 E								
D	- Y=443013.2 N, X=609146.1 E								
<p><b>GEODETIC COORDINATES</b> NAD 27 NME</p> <p><b>SURFACE LOCATION &amp; PENETRATION POINT</b>  Y=443357.5 N  X=609473.7 E  LAT.=32.218411° N  LONG.=103.979346° W</p> <p><b>BOTTOM HOLE LOCATION</b>  Y=443352.2 N  X=614117.0 E  LAT.=32.218354° N  LONG.=103.964332° W</p>		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>MARCH 29, 2013</b></p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:</p> <div style="text-align: center;">  </div> <p>Certificate Number <b>Gary G. Eidson 12641</b> <b>Ronald P. Eidson 3239</b></p> <p>BKL PROFESSIONAL SURVEYOR W.O. 13.11.0932</p>							

## DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 86240

## 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 and Natural Resources Department

## OIL CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2005

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## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code <b>96473</b>	Pool Name <b>PIERCE CROSSING-BONE SPRING</b>
Property Code	Property Name <b>HARROUN 9</b>	Well Number <b>1</b>
OGRID No. <b>017891</b>	Operator Name <b>POGO PRODUCING COMPANY</b>	Elevation <b>2939'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	24-S	29-E		530	SOUTH	330	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
N	9	24-S	29-E		660	SOUTH	1650	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order 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

		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Joe T. Janica</i> Signature Date Joe T. Janica 06/28/06 Printed Name Agent</p>
<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>MAY 23, 2006</p> <p>Date Surveyed MR Signature &amp; Seal of Professional Surveyor GARY E. EDSON 06.11.0873 Certificate No. GARY E. EDSON 12041</p>		



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District III  
1000 Rio Grande 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, NM 87505

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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015- <u>41488</u>	Pool Code <u>96473</u>	Pool Name <u>Pietce Crossing Bone Spring East</u>
Property Code <u>304841</u>	Property Name <u>HARROUN "9"</u>	Well Number <u>3H</u>
OGRID No. <u>16696</u>	Operator Name <u>OXY USA INC.</u>	Elevation <u>2933.2'</u>

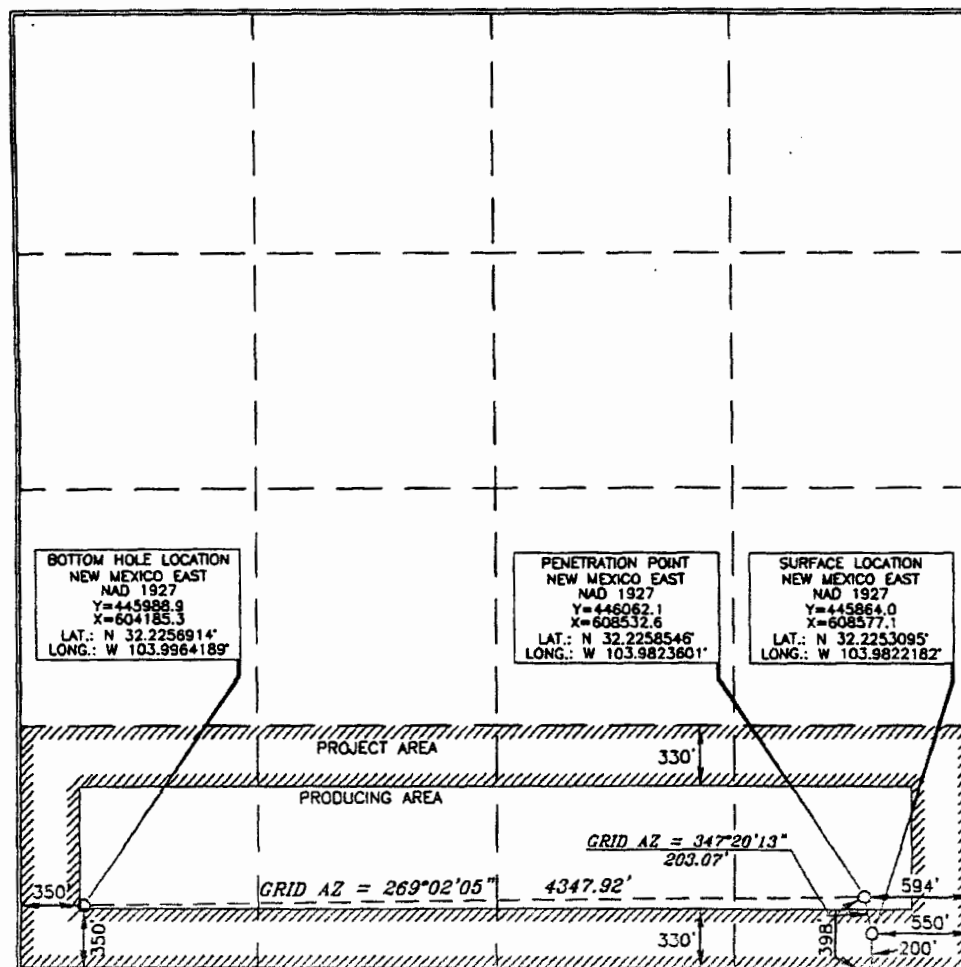
**Surface Location**

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	9	24 SOUTH	29 EAST, N.M.P.M.		200'	SOUTH	550'	EAST	EDDY

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	9	24 SOUTH	29 EAST, N.M.P.M.		350'	SOUTH	350'	WEST	EDDY
Dedicated Acres <u>1.60</u>	Joint or Infill <u>N</u>	Consolidation Code	Order No.						

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



**OPERATOR CERTIFICATION**

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

David Stewart 6/26/13  
Signature Date  
David Stewart SR. Reg. Adv.  
Printed Name  
david\_stewart@oxy.com  
E-mail Address

**SURVEYOR CERTIFICATION**

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

Terry J. Asel 6/25/2013  
Date of Survey  
Signature and Seal of Professional Surveyor  
Certificate Number 15079

DISTRICT I  
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II  
P.O. Box 88, Artesia, NM 88211-0719

DISTRICT III  
1060 Rio Brazos Rd., Artesia, NM 87419

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

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Revised February 10, 1994  
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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name <i>Pierce Crossing (Bone Springs)</i>
Property Code	Property Name HARROUN 10	Well Number 1
OGRID No. <i>017891</i>	Operator Name POGO PRODUCING COMPANY	Elevation 2944

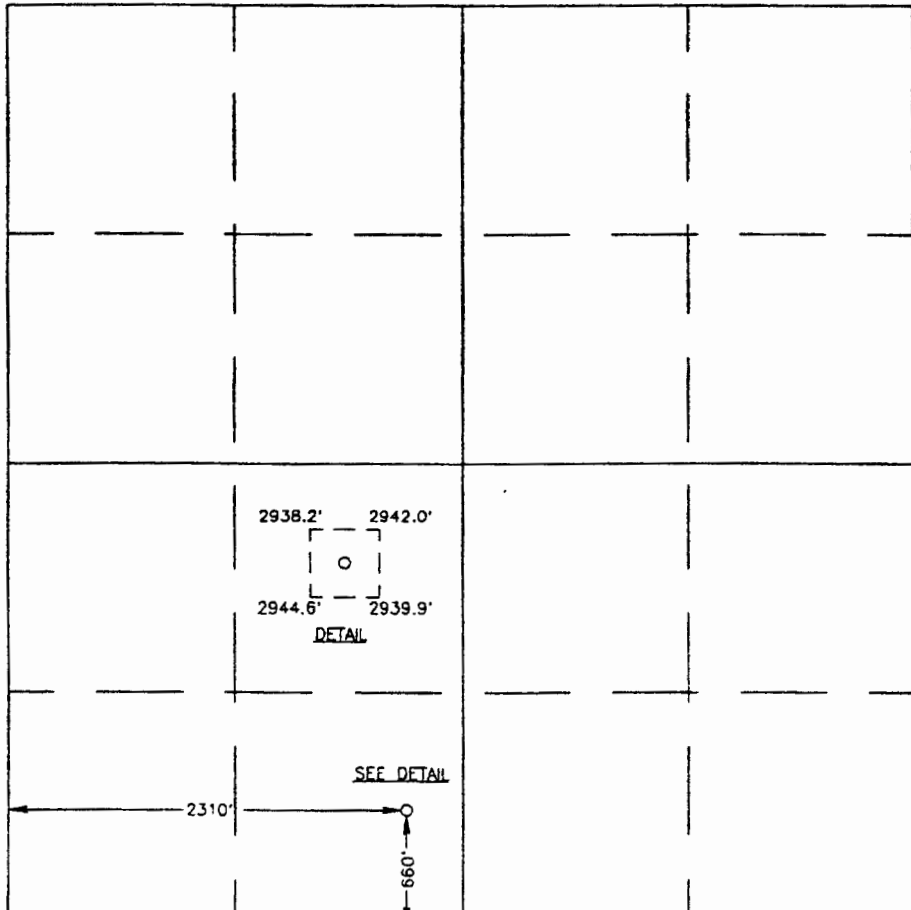
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	24 S	29 E		660	SOUTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

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

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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>James M.C. Ritchie, Jr.</i> Signature <i>James M.C. Ritchie, Jr.</i> Printed Name <i>AGMNT</i> Title <i>7-26-98</i> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  JULY 23, 1998 Date Surveyed Signature Professional Surveyor NEW MEXICO 72498 386-11-1088 Certified to No. 80815 EIDSON 3239 EIDSON 12641 MCDONALD 12185

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. <b>30-015-30375</b>
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name <b>Harroun 10</b>
Well No. <b>1</b>
Pool name or Wildcat <b>Cedar Canyon Delaware</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:  
OIL WELL ☒ GAS WELL ☐ OTHER ☐

**RECEIVED**

Name of Operator  
**Pogo Producing Company**

**FEB 26 2004**

Address of Operator  
**P. O. Box 10340, Midland, TX 79702-7340**

**OCD-ARTESIA**

Well Location  
Unit Letter **N** : **660** Feet From The **South** Line and **2310** Feet From The **West** Line

Section **10** Township **24S** Range **29E** NMPM **Eddy** County

Elevation (Show whether DF, RKB, RT, GR, etc.)  
**2944' GR**

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: **Add Delaware Perfs** ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

02/05/04 TOH w/ rods.  
02/06/04 TOH w/ tbg. Perf Delaware 4854-61, 4912-19 & 5044-51 w/ 1 spf. RIH & set RBP @ 5195. Test to 3000# ok.  
02/09/04 Acidz w/ 1200 gals 7-1/2% acid. Swab.  
02/13/04 Frac 4854-5051 (OA) w/ 45,500# 16/30 Ottawa + 45,500# 16/30 SLC.  
02/19/04 Return well to production.

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

SIGNATURE

*Cathy Wright*

TITLE

**Sr. Operation Tech**

DATE

**02/24/04**

TYPE OR PRINT NAME

**Cathy Wright**

**432-685-8100**

TELEPHONE NO.

(This space for State Use)

**FOR RECORDS ONLY**

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**FEB 27 2004**

DISTRICT I  
P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II  
P.O. Drawer 20, Artesia, NM 88211-0710

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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Revised February 10, 1994  
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

☐ AMENDED REPORT

API Number	Pool Code 11540	Pool Name CEDAR CANYON -DELAWARE
Property Code 23616	Property Name HARROUN "10"	Well Number 2
OGHD No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 2947'

**Surface Location**

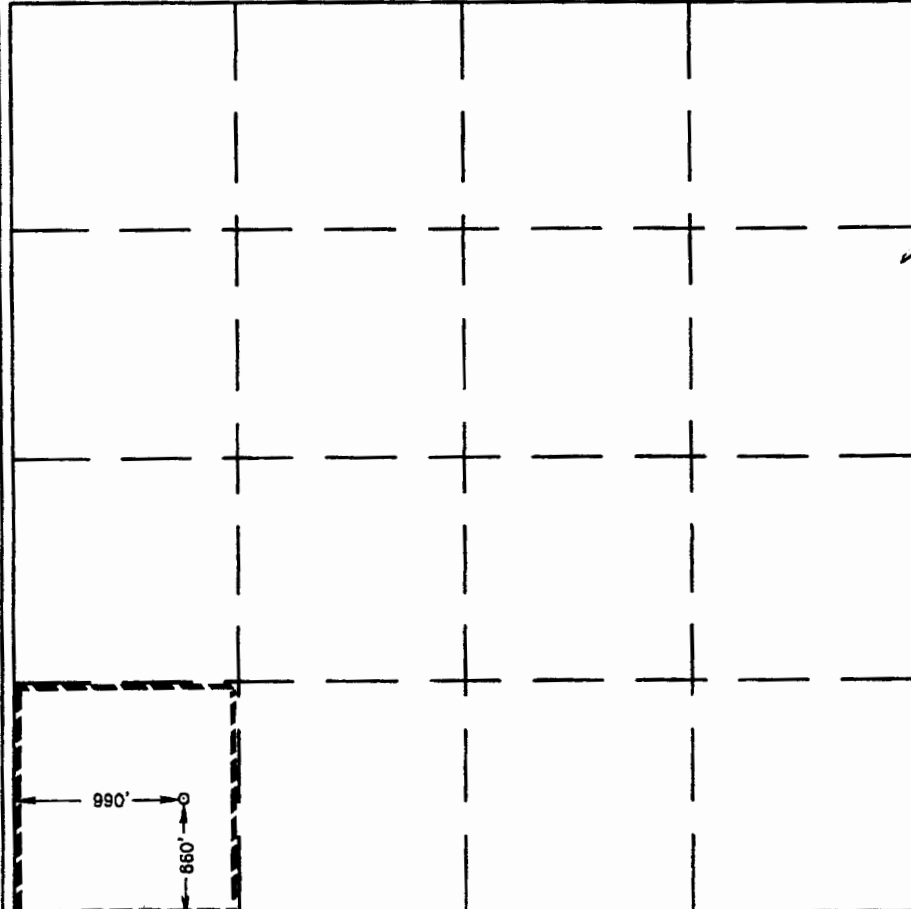
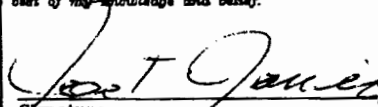
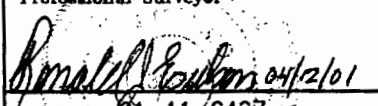
UL or lot No. M	Section 10	Township 24-S	Range 29-E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 990	East/West line WEST	County EDDY
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**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Joe T. Janica Printed Name Agent Title 04/16/01 Date	
	<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  APRIL 10, 2001 Date Surveyed AWB Signature & Seal of Professional Surveyor  81-11-0427 Certificate No. RONALD L. EDSON 3236 GARY EDSON 12841	

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

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Revised June 10, 2003  
Submit to Appropriate District Office  
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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015-32617	<sup>2</sup> Pool Code 11540	<sup>3</sup> Pool Name Cedar Canyon Delaware
<sup>4</sup> Property Code 23616	<sup>5</sup> Property Name Harroun 10	<sup>6</sup> Well Number 3
<sup>7</sup> OGRID No. 017891	<sup>8</sup> Operator Name Pogo Producing Company	<sup>9</sup> Elevation 2959

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	10	24S	29E		2310	South	990	West	Eddy

<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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. Operation Tech Title and E-mail Address 08/03/04 Date			
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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 Signature and Seal of Professional Surveyor: Certificate Number			

## DISTRICT I

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

## DISTRICT II

P.O. Drawer 80, Artesia, NM 88211-0718

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

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## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96473	Pool Name PICCOLI CROSSING, BONE SPRINGS E.
Property Code 17565	Property Name HARROUN 15	Well Number 7
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 2939

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	24 S	29 E		330	NORTH	1980	WEST	EDDY

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>James M.C. Ritchie Jr</u> Printed Name <u>JAMES M.C. Ritchie Jr</u> Title <u>AGENT</u> Date <u>12/31/97</u>	
	<b>SURVEYOR CERTIFICATION</b> 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. DECEMBER 18, 1997 Date Surveyed _____ JLP Signature & Seal of Professional Surveyor <u>Ronald J. Edson</u> 12-22-97 W.O. Num. 97-11-2064 Certificate No. RONALD J. EDSON, 3239 GARY G. EDSON, 12641 MACON McDONALD, 12185	

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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410



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

WELL API NO.  
30-015-29987

Indicate Type of Lease  
STATE ☐ FEE ☐

State Oil & Gas Lease No.

Lease Name or Unit Agreement Name

Harroun 15

Well No.

7

Pool name or Wildcat  
Cedar Canyon Delaware

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:  
OIL WELL ☒ GAS WELL ☐ OTHER

Name of Operator  
Pogo Producing Company

Address of Operator  
P. O. Box 10340, Midland, TX 79702-7340

Well Location  
Unit Letter C : 330 Feet From The North Line and 1980 Feet From The West Line

Section 15 Township 24S Range 29E NMPM Eddy County

Elevation (Show whether DF, RKB, RT, GR, etc.)

2939' GR

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Add Delaware Perfs <input checked="" type="checkbox"/>	

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

09/02/03 POOH w/ rods, pump & thg.  
09/03/03 Latch onto RBP @ 5210' & PUH to 5030'.  
09/04/03 Perf Delaware 4909-29 w/ 2 spf. Acdz w/ 1200 gals 7-1/2% acid. Swab.  
09/09/03 Frac w/ 33,000# 16/30 SLC.  
09/12/03 Return well to production.  
09/18/03 POH w/ rods, pump & thg.  
09/19/03 Rel RBP @ 5030' & POH.  
09/20/03 Return well to production.

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

SIGNATURE Cathy Wright TITLE Sr. Operation Tech DATE 09/24/03

TYPE OR PRINT NAME Cathy Wright 432-685-8100 TELEPHONE NO.

(This space for State Use)

APPROVED BY [Signature] TITLE District Supervisor DATE OCT 02 2003

CONDITIONS OF APPROVAL, IF ANY:

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

DISTRICT II  
P.O. Drawer 80, Artesia, NM 88211-0719

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

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Revised February 10, 1994  
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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code <del>4540</del> 96473	Well Name <del>Deer Canyon (Deerhorn)</del> , <u>Piece Crossing Bone Springs</u>
Property Code 17565	Property Name HARROUN 15	Well Number 8
OGRID No. C17891	Operator Name POGO PRODUCING COMPANY	Elevation 2930

Surface Location

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

Bottom Hole Location If Different From Surface

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

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.  <u>James M.C. Ritchie, Jr.</u> Signature <u>James M.C. Ritchie, Jr.</u> Printed Name <u>AGENT</u> Title <u>05/18/98</u> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  <u>APRIL 30, 1998</u> Date Surveyed <u>DMCC</u> Signature <u>RONALD J. EDSON</u> Professional Surveyor <u>5-04-98</u> Certificate No. <u>3239</u> <u>12641</u> <u>12185</u>



Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-015-30253
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name Haroun 15
Well No. 8
Pool name or Wildcat Cedar Canyon Delaware

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
Name of Operator Pogo Producing Company	
Address of Operator P. O. Box 10340, Midland, TX 79702-7340	
Well Location Unit Letter <u>F</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>West</u> Line Section <u>15</u> Township <u>24S</u> Range <u>29E</u> NMPM <u>Eddy</u> County	
Elevation (Show whether DF, RKB, RT, GR, etc.) <u>2943' KB</u>	

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: Add Delaware Pay ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

02/27/01 POH w/ rods & pump. Release RBP @ 5400' & reposition to 5116'. Test to 3000# ok.  
02/28/01 Perf Delaware 5074'-78' w/ 2 spf. Acdz w/ 1000 gals 7-1/2% HCL NeFe. Swab.  
03/01/01 Release RBP @ 5116' & reposition to 5050'. Test RBP to 3000# ok. Perf Delaware 4903'-4930' w/ 1 spf.  
03/02/01 Acdz 4903'-4930' w/ 1000 gals 7-1/2% HCL NeFe. Swab.  
03/03/01 Release RBP @ 5050' and reposition to 4805'. Test RBP to 3000# ok. Perf Delaware 4660'-66' & 4726'-30' w/ 2 spf.  
03/04/01 Acdz 4660'-66' & 4726'-30' w/ 1000 gals 7-1/2% HCL NeFe. Swab.  
03/06/01 Release RBP @ 4805'. TIH w/ rods & pump.  
03/07/01 Put well on production.

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

SIGNATURE Cathy Tomberlin TITLE Operation Tech DATE 03-08-01

TYPE OR PRINT NAME Cathy Tomberlin TELEPHONE NO 915-685-8100

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

MAR 13 2001

**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 &amp; 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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**OCU-APPROVED** AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-32620		<sup>2</sup> Pool Code 11540		<sup>3</sup> Pool Name Cedar Canyon Delaware	
<sup>4</sup> Property Code 17565		<sup>5</sup> Property Name Harroun 15			<sup>6</sup> Well Number 14
<sup>7</sup> OGRID No. 017891		<sup>8</sup> Operator Name Pogo Producing Company			<sup>9</sup> Elevation 2930'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24S	29E		660	North	750	West	Eddy

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				<b><sup>17</sup> OPERATOR CERTIFICATION</b> 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 05/23/05 Date
				<b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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 Signature and Seal of Professional Surveyor:  Certificate Number

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
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DISTRICT II  
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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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-05-42058</b>	Pool Code <b>96238</b>	Pool Name <b>Cornal Draw Bone Spring</b>
Property Code	Property Name <b>CEDAR CANYON 17</b>	Well Number <b>1H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY U.S.A. INC.</b>	Elevation <b>2928'</b>

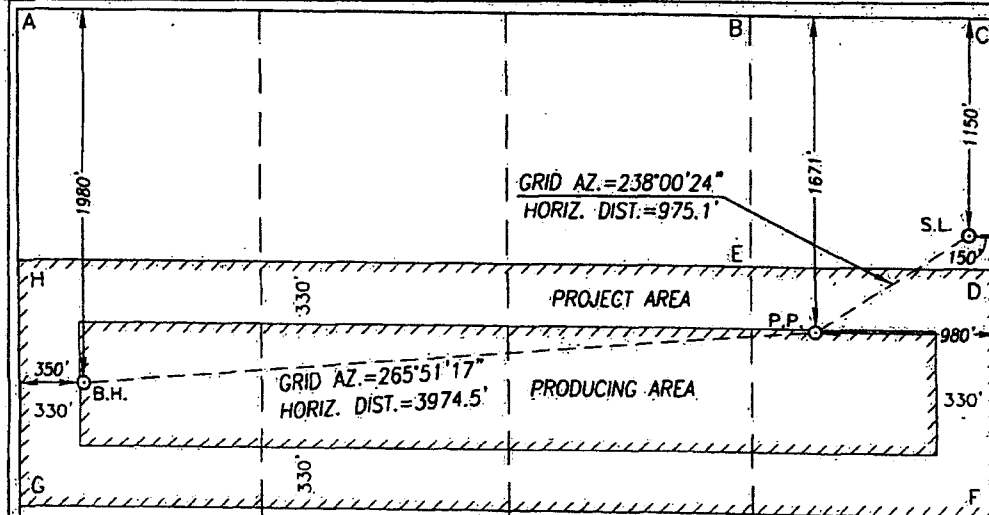
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>17</b>	<b>24-S</b>	<b>29-E</b>		<b>1150</b>	<b>NORTH</b>	<b>150</b>	<b>EAST</b>	<b>EDDY</b>

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
<b>E</b>	<b>17</b>	<b>24-S</b>	<b>29-E</b>		<b>1980</b>	<b>NORTH</b>	<b>350</b>	<b>WEST</b>	<b>EDDY</b>

Penetration Point Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>H</b>	<b>17</b>	<b>24-S</b>	<b>29-E</b>		<b>1671</b>	<b>NORTH</b>	<b>980</b>	<b>EAST</b>	<b>EDDY</b>

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



CORNER COORDINATES TABLE		GEODETIC COORDINATES	
A - Y=445665.1 N, X=598539.5 E		NAD 27 NME	
B - Y=445643.6 N, X=602512.8 E			
C - Y=445636.4 N, X=603837.2 E		SURFACE LOCATION	
D - Y=444309.4 N, X=603845.0 E		Y=444487.5 N	
E - Y=444316.3 N, X=602521.2 E		X=603694.0 E	
G - Y=443009.6 N, X=598557.6 E			
H - Y=444337.4 N, X=598548.6 E		LAT.=32.221569° N	
F - Y=442982.3 N, X=603852.8 E		LONG.=103.998023° W	
PENETRATION POINT		BOTTOM HOLE LOCATION	
NAD 27 NME		Y=443683.6 N	
Y=443971.0 N		X=598902.9 E	
X=602867.2 E			
LAT.=32.220156° N		LAT.=32.219399° N	
LONG.=104.000702° W		LONG.=104.013523° W	

<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>David Stewart</i> 2/6/14 Signature Date David Stewart SR. Register Printed Name david_stewart@oxy.com E-mail Address</p>	
<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>SEPTEMBER 20, 2013</p> <p>Date of Survey Signature of Professional Surveyor: GARY G. EIDSON NEW MEXICO 12641 REGISTERED PROFESSIONAL SURVEYOR Certificate Number: Gary G. Eidson 12641 J. Eidson 3239 ACK REL. W.O. 1974-0800 JWSC W.O. 1413.0080</p>	

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

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Revised June 10, 2003  
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☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015- <b>33317</b>	<sup>2</sup> Pool Code 96473	<sup>3</sup> Pool Name Pierce Crossing Bone Spring East
<sup>4</sup> Property Code 17565	<sup>5</sup> Property Name Harroun 15	<sup>6</sup> Well Number 15
<sup>7</sup> OGRID No. 017891	<sup>8</sup> Operator Name Pogo Producing Company	<sup>9</sup> Elevation 2928'

<sup>10</sup> 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	24S	29E		1980	North	990	West	Eddy

<sup>11</sup> 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	24S	29E		1980	North	1650	East	Eddy

<sup>12</sup> Dedicated Acres 120	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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. Operation Tech Title and E-mail Address 08/09/04 Date	
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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 Signature and Seal of Professional Surveyor:  Certificate Number	

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015-33823		<sup>2</sup> Pool Code 96473		<sup>3</sup> Pool Name Pierce Crossing Bone Spring East	
<sup>4</sup> Property Code 17565		<sup>5</sup> Property Name Harroun 15			<sup>6</sup> Well Number 16
<sup>7</sup> OGRID No. 017891		<sup>8</sup> Operator Name Pogo Producing Company			<sup>9</sup> Elevation 2926

<sup>10</sup> Surface Location

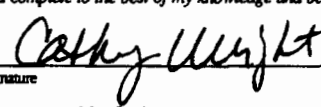
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24S	29E		1980	South	330	West	Eddy

<sup>11</sup> 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		1980	South	1650	East	Eddy

<sup>12</sup> Dedicated Acres 120	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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<div style="text-align: center;"> <b>RECEIVED</b>  <b>FEB 24 2005</b>  <b>DOBARTESIA</b> </div>				<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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	
				<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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 Signature and Seal of Professional Surveyor: Certificate Number	

330' SHL

BHL

1650'

1980'

1980'

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**District IV**

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## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

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Santa Fe, NM 87505

Form C-102

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## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-33822		<sup>2</sup> Pool Code 96473	<sup>3</sup> Pool Name Pierce Crossing Bone Spring East
<sup>4</sup> Property Code 17565	<sup>5</sup> Property Name Harroun 15		<sup>6</sup> Well Number 17
<sup>7</sup> OGRID No. 017891	<sup>8</sup> Operator Name Pogo Producing Company		<sup>9</sup> Elevation 2927'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	24S	29E		660	South	330	West	Eddy

<sup>11</sup> 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
O	15	24S	29E		661	South	1679	East	Eddy

<sup>12</sup> Dedicated Acres 120	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Cathy Wright</u> Date: <u>09/12/06</u> Printed Name: <u>Cathy Wright</u>
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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: _____ Signature and Seal of Professional Surveyor: _____
	Certificate Number: _____

DISTRICT I  
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Santa Fe, New Mexico 87505

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AMENDED REPORT  
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41032	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, E.
Property Code 39046	Property Name CEDAR CANYON 15	Well Number 2H
OGRID No. 16696	Operator Name OXY U.S.A., INC.	Elevation 2927'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	24-S	29-E		170	SOUTH	360	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
P	15	24-S	29-E		330 409	SOUTH	350 327	EAST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. Plusback - 404 FSL 394 FEL - 12870' Pen Point - 354 FSL 924 FWL - 8700' (top Pent)						

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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=440526.1 N X=609522.8 E</p> <p>LAT.=32.210627° N LONG.=103.979217° W</p> <p>BOTTOM HOLE LOCATION Y=440684.0 N X=614107.3 E</p> <p>LAT.=32.211019° N LONG.=103.964393° W</p> <p>PENETRATION POINT Y=440686.1 N X=609521.7 E</p> <p>LAT.=32.211067° N LONG.=103.979219° W</p>	<p>CORNER COORDINATES TABLE</p> <p>A - Y=441684.7 N, X=609155.0 E B - Y=441680.9 N, X=614453.4 E C - Y=440356.3 N, X=609164.0 E D - Y=440353.9 N, X=614458.5 E</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>David Stewart</i> Date: 11/31/13 Printed Name: David Stewart Reg AGO. E-mail Address: david_stewart@oxy.com</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 17, 2013</p> <p>Date of Survey: 1/17/13 Signature of Professional Surveyor: <i>Garrett E. Eidson</i> Garrett E. Eidson 12641 Professional Surveyor Certificate Number: 3239 DSS JWSC W.O.: 13.11.0085</p>
<p>PROJECT AREA</p> <p>PRODUCING AREA</p> <p>GRID. AZ.=90°01'35" HORIZ. DIST.=4586.6'</p>		



District I  
1825 N. French Dr., Hobbs, NM 88240  
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# NM OIL CONSERVATION

ARTESIA DISTRICT

State of New Mexico

Energy, Minerals & Natural Resources Department

SEP 26 2014

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

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As Drilled

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41594	Pool Code 96473	Pool Name Pierce Crossing Bone Springs E.
Property Code 39044	Property Name CEDAR CANYON "15"	Well Number 3H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2925.8'

### Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24 SOUTH	29 EAST, N.M.P.M.		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
I	15	24 SOUTH	29 EAST, N.M.P.M.		1888' 2007'	SOUTH	850' 230'	EAST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. TOP Part - 1942 FSL 1034 FWL (L) Bottom Part - 2006 FSL 335 FEL (I)
------------------------	----------------------	--------------------	----------------------------------------------------------------------------------

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.

<p><b>SURFACE LOCATION</b> NEW MEXICO EAST NAD 1927 Y=442244.0 X=608851.2 LAT.: N 32.2153468° LONG.: W 103.8781369°</p> <p><b>BOTTOM HOLE LOCATION</b> NEW MEXICO EAST NAD 1927 Y=442244.0 X=608851.2 LAT.: N 32.2153331° LONG.: W 103.9643553°</p> <p>PROJECT AREA PRODUCING AREA GRID AZ = 88°47'09" 4250.54' 330' 700' 1888' 1943' 2007' 2002'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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 undivided interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>David Stewart</u> Date: <u>9/23/14</u> Printed Name: <u>David Stewart Sr. Reg. Adv.</u> Email Address: <u>david_stewart@oxy.com</u></p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>Date of Survey: <u>MAY 21, 2013</u> Signature and Seal: <u>Terry J. Asch</u> Professional Surveyor Certificate Number: <u>15079</u></p> <p>WO# 130521WL-b (XA)</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DISTRICT I  
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-41327</b>	Pool Code <b>96473</b>	Pool Name <b>Piace Crossing Bone Springs, East</b>
Property Code <b>39438</b>	Property Name <b>CEDAR CANYON 22</b>	Well Number <b>2H</b>
OGRID No. <b>16694</b>	Operator Name <b>OXY U.S.A. INC.</b>	Elevation <b>2927</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	24-S	29-E		990	NORTH	690	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
A	22	24-S	29-E		<del>990</del> 959	NORTH	<del>330</del> 315	EAST	EDDY
Dedicated Acres <b>160</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No. <b>PB-959 FNL 303 FEL</b>						

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

		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>David Stewart</i> <b>5/7/13</b> Signature Date</p> <p><b>David Stewart S.R. Reg. No.</b> Printed Name</p> <p><b>david_stewart@oxy.com</b> E-mail Address</p>	
<p><b>GEODETC COORDINATES</b> NAD 27 NME</p> <p><b>SURFACE LOCATION</b> Y=439366.2 N X=609855.8 E LAT.=32.207436° N LONG.=103.978153° W</p> <p><b>BOTTOM HOLE LOCATION</b> Y=439364.3 N X=614131.2 E LAT.=32.207391° N LONG.=103.964330° W</p>		<p><b>CORNER COORDINATES TABLE</b></p> <p>A - Y=440356.3 N, X=609164.0 E B - Y=440353.9 N, X=614458.5 E C - Y=439026.8 N, X=614462.0 E D - Y=439029.5 N, X=609166.5 E</p>	
<p><b>RECEIVED</b> SEP 03 2013 NMOCD ARTESIA</p>		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>APRIL 18, 2013</b></p> <p>Date of Survey Signature &amp; Seal of Professional Surveyor:</p> <p> Certificate Number <b>Gary G. Eidson 12641</b> <b>Ronald Eidson 3239</b> BKL PROFESSIONAL SURVEYOR W.S.C. 13.11.0418</p>	

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  
ARTESIA DISTRICT  
OIL 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

AMENDED REPORT  
(As Drilled)

API Number 30-015-42421	Pool Code 96473	Pool Name Pierce Crossing Bone Spring East
Property Code 313340	Property Name CEDAR CANYON 15 FEDERAL COM	Well Number 5H
OGRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2927'

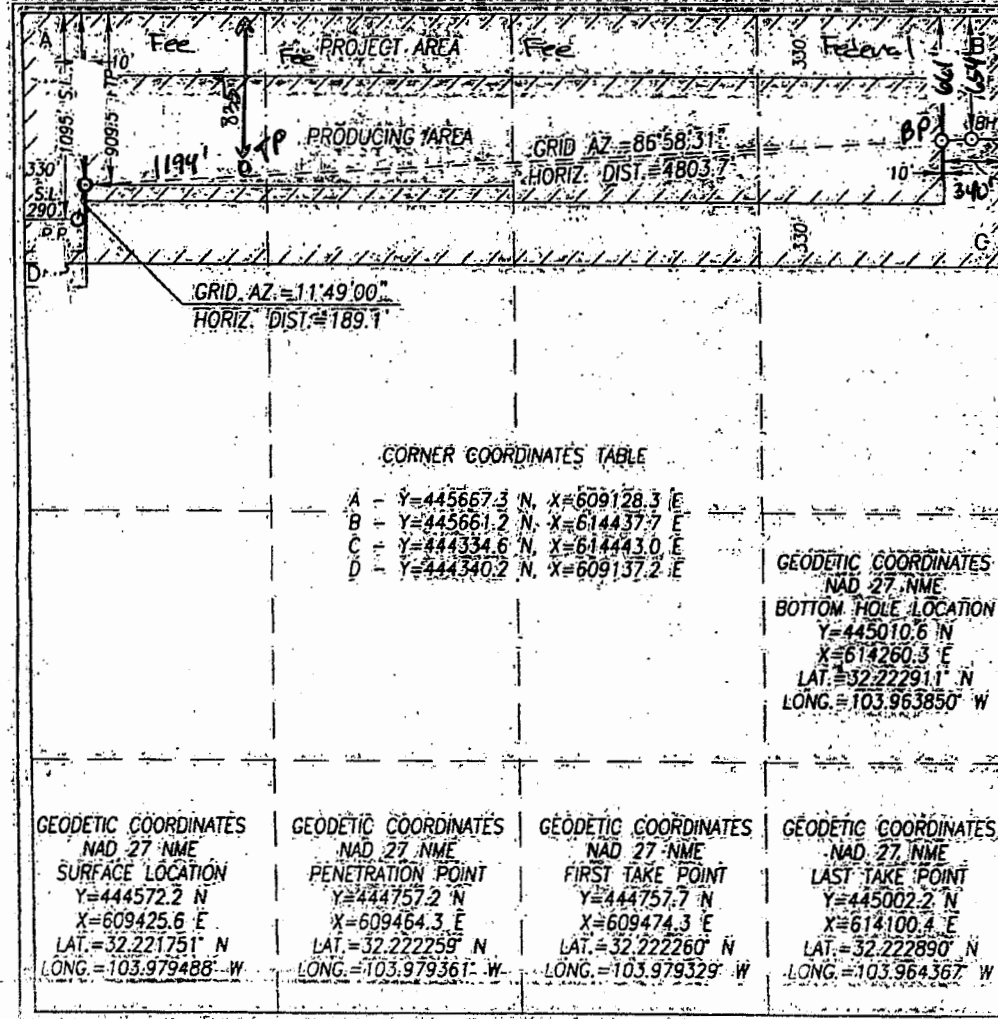
UL or lot No	Section	Township	Range	Lot 1/4n	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24-S	29-E		1095	NORTH	290	WEST	EDDY

UL or lot No	Section	Township	Range	Lot 1/4n	Feet from the	North/South line	Feet from the	East/West line	County
A	15	24-S	29-E		651' 654'	NORTH	100' 153'	EAST	EDDY

UL or lot No	Section	Township	Range	Lot 1/4n	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24-S	29-E		910' 835'	NORTH	330' 194'	WEST	EDDY

Dedicated Acres 16.6	Joint or Infill N	Consolidation Code	Order No. TP = 835' FNL 1194' FNL BP = 661' FNL 340' FNL
-------------------------	----------------------	--------------------	----------------------------------------------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

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

Signature: [Signature] Date: 01/25/14

Printed Name: David Stewart, Sr. P.G. No.

E-mail Address: david.stewart@oxx.com

**SURVEYOR CERTIFICATION**

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

MARCH 29, 2013

Date of Survey

Signature & Seal of Professional Surveyor:

GARY G. EIDSON  
NEW MEXICO  
12641  
RECEIVED  
GARY G. EIDSON  
12641  
Certificate Number: Gary G. Eidson - 12641  
Renatus Eidson - 3239  
ACK. REG. W. 3/29/2013 SWSC W.O. 1413 0428



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

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

RECEIVED 000  
2017 OCT 12 PM 1:11

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,

OXY USA INC  
Sandra Musallam  
Regulatory Engineer  
Sandra\_musallam@oxy.com

State of New Mexico  
Energy, Minerals and Natural Resources Department

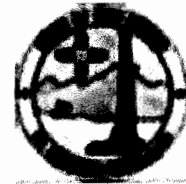
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**Susana Martinez**  
Governor

**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.

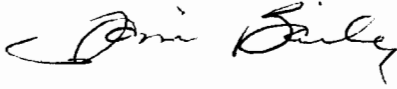
The operator shall notify the transporter of this commingling authority.

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.

A handwritten signature in black ink, appearing to read "Jami Bailey". The signature is fluid and cursive, with the first name "Jami" and last name "Bailey" clearly distinguishable.

Jami Bailey  
Division Director

JB/mam

cc: Oil Conservation Division District Office -- Artesia  
New Mexico State Land Office -- Oil, Gas, and Minerals

# Attachment "A"

## 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 Crossing: Bone Spring (96473)						
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.

Signed: \_\_\_\_\_  
Printed Name: Jennifer Duarte  
Title: Regulatory Specialist  
Date: 08/25/2014